

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001950.D
 Acq On : 03 Jul 2018 19:03
 Operator : JU/SJ
 Sample : J3721-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H23

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.022	3	6	27	rVB	3915995	5662723	7.65%	0.685%
2	6.416	571	583	597	rVB	2375544	3730213	5.04%	0.451%
3	6.881	655	662	673	rBV	2209315	3898104	5.26%	0.471%
4	7.052	682	691	704	rBV	2029176	3133864	4.23%	0.379%
5	7.246	718	724	732	rVV	2461905	3881097	5.24%	0.469%
6	7.710	794	803	810	rBV	2879756	4592943	6.20%	0.555%
7	8.410	911	922	930	rBV	2788023	4519525	6.10%	0.547%
8	8.857	983	998	1006	rBV	2420090	4058074	5.48%	0.491%
9	9.569	1110	1119	1127	rBV	1936262	3194715	4.31%	0.386%
10	10.104	1202	1210	1219	rBV	3054794	5052647	6.82%	0.611%
11	10.481	1266	1274	1280	rBV	4185351	7185435	9.70%	0.869%
12	10.616	1289	1297	1313	rVB	1946996	3481812	4.70%	0.421%
13	13.222	1735	1740	1751	rVB	868413	1369935	1.85%	0.166%
14	13.669	1810	1816	1824	rVV	13465880	19670700	26.56%	2.379%
15	13.751	1824	1830	1834	rVV	5652116	8190230	11.06%	0.990%
16	13.798	1834	1838	1843	rVV	2681330	3694752	4.99%	0.447%
17	14.028	1869	1877	1881	rBV	6368857	10889453	14.70%	1.317%
18	14.304	1919	1924	1927	rVV	8266417	12191189	16.46%	1.474%
19	14.339	1927	1930	1937	rVV2	5738357	8520823	11.51%	1.030%
20	14.416	1937	1943	1956	rVB7	620264	1618853	2.19%	0.196%
21	14.534	1958	1963	1969	rBV	737007	1071036	1.45%	0.130%
22	14.604	1969	1975	1982	rBV2	807888	1697326	2.29%	0.205%
23	15.333	2093	2099	2105	rVB	8125610	11676975	15.77%	1.412%
24	15.451	2114	2119	2126	rVB	1425717	1952202	2.64%	0.236%
25	15.822	2176	2182	2191	rVB3	1061753	1957094	2.64%	0.237%
26	16.057	2217	2222	2227	rBV3	1310669	2656464	3.59%	0.321%
27	16.998	2378	2382	2389	rVV	868781	1144596	1.55%	0.138%
28	17.086	2389	2397	2401	rVV2	6673305	10491210	14.17%	1.269%
29	17.122	2401	2403	2408	rVV	1304944	1672309	2.26%	0.202%
30	17.180	2408	2413	2417	rVV	7409595	12444988	16.80%	1.505%
31	17.216	2417	2419	2425	rVV	5288972	6498565	8.77%	0.786%
32	17.486	2460	2465	2469	rBV	1496309	2001339	2.70%	0.242%
33	17.604	2481	2485	2491	rVB2	970079	1287882	1.74%	0.156%
34	17.880	2526	2532	2538	rBV2	1172374	2297196	3.10%	0.278%

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35	17.939	2538	2542	2548	rVV2	960781	1751631	2.37%	0.212%
36	18.004	2548	2553	2561	rVB2	4284123	6204979	8.38%	0.750%
37	18.086	2562	2567	2571	rVB	801955	1245486	1.68%	0.151%
38	18.157	2573	2579	2583	rBV3	914675	1754469	2.37%	0.212%
39	18.298	2598	2603	2609	rVB3	947555	1494936	2.02%	0.181%
40	18.504	2634	2638	2643	rVB2	1242914	1838046	2.48%	0.222%
41	18.880	2698	2702	2707	rVV2	1269602	2011093	2.72%	0.243%
42	18.939	2707	2712	2717	rVV3	1038118	1906121	2.57%	0.231%
43	19.027	2721	2727	2734	rBV	6779832	9731063	13.14%	1.177%
44	19.151	2742	2748	2753	rBV	23446594	35339214	47.72%	4.274%
45	19.292	2768	2772	2777	rVB2	1460250	2666049	3.60%	0.322%
46	19.522	2799	2811	2818	rBV3	35354380	74059946	100.00%	8.956%
47	19.592	2818	2823	2829	rVB3	1391668	2805502	3.79%	0.339%
48	19.692	2836	2840	2845	rBV2	1151912	1819938	2.46%	0.220%
49	19.751	2845	2850	2855	rVB2	1884512	3217312	4.34%	0.389%
50	19.839	2859	2865	2872	rBV3	4311877	10365036	14.00%	1.253%
51	19.986	2883	2890	2897	rBV4	4465739	14050991	18.97%	1.699%
52	20.110	2908	2911	2914	rVB2	1290200	1402328	1.89%	0.170%
53	20.169	2914	2921	2925	rBV2	6111169	10255433	13.85%	1.240%
54	20.210	2925	2928	2932	rVB	1360156	1485571	2.01%	0.180%
55	20.251	2932	2935	2940	rVB	848825	1081383	1.46%	0.131%
56	20.310	2940	2945	2949	rBV	4922693	6935487	9.36%	0.839%
57	20.357	2949	2953	2957	rVB2	2957442	4267271	5.76%	0.516%
58	20.563	2985	2988	2992	rBV4	1053695	1951314	2.63%	0.236%
59	20.686	3005	3009	3012	rBV2	1683546	2130302	2.88%	0.258%
60	20.763	3018	3022	3028	rVB	5211326	7233267	9.77%	0.875%
61	20.851	3031	3037	3041	rVB	29946270	37284378	50.34%	4.509%
62	20.927	3044	3050	3054	rVV2	3918683	7666948	10.35%	0.927%
63	20.968	3054	3057	3060	rVV	4203075	5075246	6.85%	0.614%
64	21.010	3060	3064	3069	rVV2	6439776	10960841	14.80%	1.326%
65	21.063	3069	3073	3084	rVB	4425160	7385116	9.97%	0.893%
66	21.168	3088	3091	3097	rVB3	1317737	2082145	2.81%	0.252%
67	21.274	3101	3109	3113	rBV2	20888914	41330435	55.81%	4.998%
68	21.327	3115	3118	3128	rVB	16881130	24510161	33.10%	2.964%
69	21.445	3134	3138	3143	rBV2	2369468	4707928	6.36%	0.569%
70	21.592	3159	3163	3168	rBV2	3565025	5489116	7.41%	0.664%
71	21.645	3168	3172	3176	rVV2	2032388	2781151	3.76%	0.336%

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72	21.780	3192	3195	3198	rBV	1190088	1482276	2.00%	0.179%
73	21.839	3198	3205	3209	rVV	4634200	8100431	10.94%	0.980%
74	21.892	3210	3214	3221	rVB4	3878688	6062597	8.19%	0.733%
75	22.033	3234	3238	3241	rBV	2685361	3810005	5.14%	0.461%
76	22.133	3251	3255	3264	rVB4	1929882	3537290	4.78%	0.428%
77	22.310	3281	3285	3289	rBV	1363679	2220853	3.00%	0.269%
78	22.480	3310	3314	3320	rVB3	2929186	5308732	7.17%	0.642%
79	22.592	3328	3333	3346	rVB4	2876447	7932951	10.71%	0.959%
80	22.868	3371	3380	3384	rBV2	27208370	63220033	85.36%	7.645%
81	23.027	3402	3407	3413	rBV	4392865	6952269	9.39%	0.841%
82	23.157	3424	3429	3439	rBV	1840192	4680929	6.32%	0.566%
83	23.339	3453	3460	3465	rBV	12823046	26148553	35.31%	3.162%
84	23.386	3465	3468	3471	rVV	3149472	5226809	7.06%	0.632%
85	23.439	3471	3477	3483	rVB	16333818	30729385	41.49%	3.716%
86	23.527	3485	3492	3495	rBV	3065857	6412803	8.66%	0.776%
87	23.574	3495	3500	3508	rVB2	5738207	11877712	16.04%	1.436%
88	24.004	3570	3573	3578	rVB4	966090	1628072	2.20%	0.197%
89	24.080	3579	3586	3594	rVB2	7418925	15519093	20.95%	1.877%
90	24.168	3596	3601	3610	rBV4	1119122	2876624	3.88%	0.348%
91	24.380	3633	3637	3643	rBV3	665390	1304706	1.76%	0.158%
92	25.080	3751	3756	3761	rBV2	816560	1690315	2.28%	0.204%
93	25.233	3776	3782	3800	rVB6	2453809	8516590	11.50%	1.030%
94	25.521	3826	3831	3840	rVB3	1928655	4736183	6.40%	0.573%
95	25.692	3853	3860	3864	rBV2	2121575	5404567	7.30%	0.654%
96	25.774	3865	3874	3883	rVB	8696508	25444403	34.36%	3.077%
97	26.015	3911	3915	3922	rVB	1139918	2580932	3.48%	0.312%
98	26.456	3979	3990	4000	rVB	5684003	17405833	23.50%	2.105%
99	26.568	4002	4009	4019	rBV4	2108321	6321381	8.54%	0.764%
100	27.474	4156	4163	4176	rVB7	1264262	4108267	5.55%	0.497%

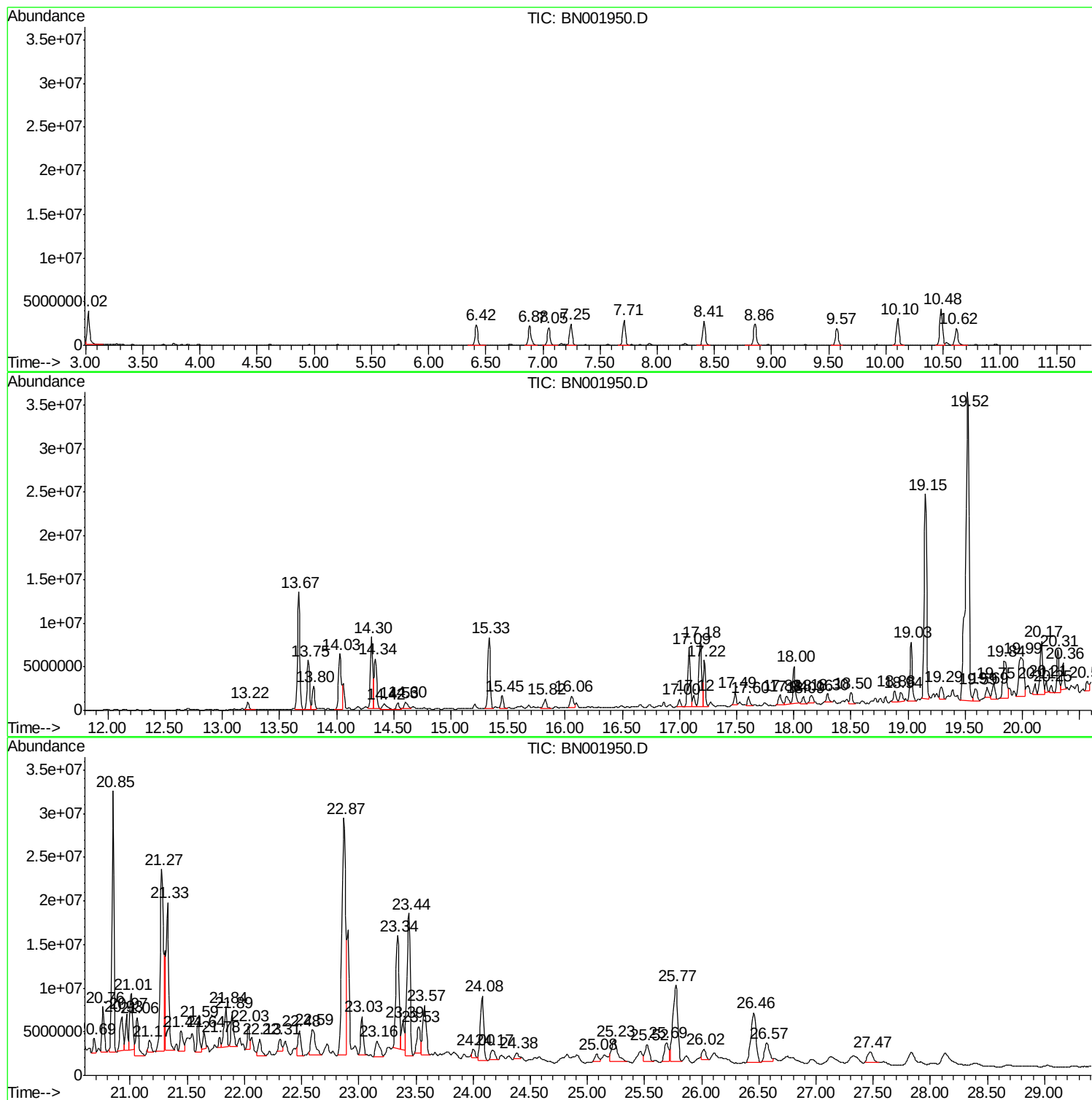
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ClientSampleId :
F1H23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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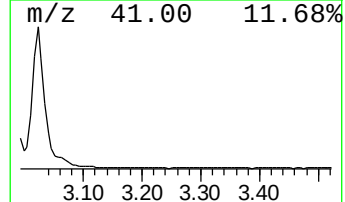
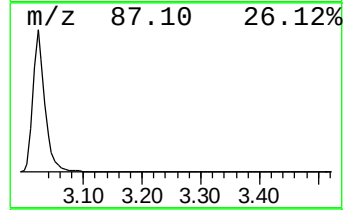
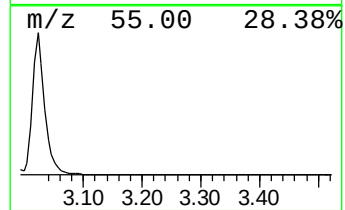
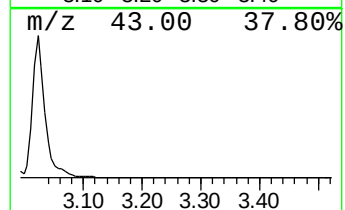
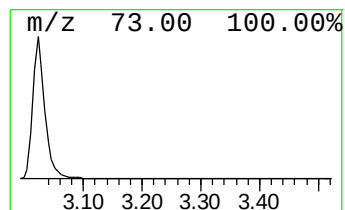
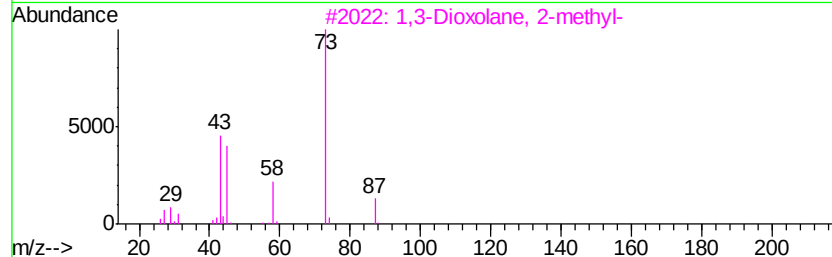
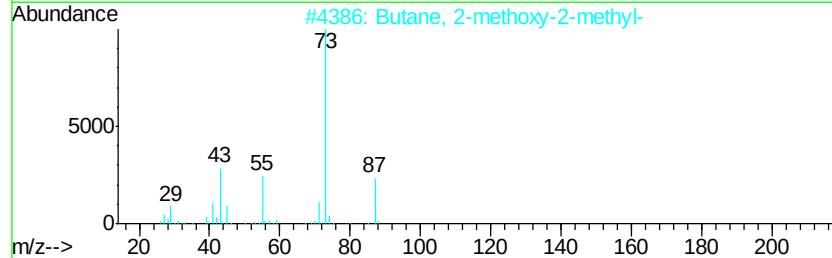
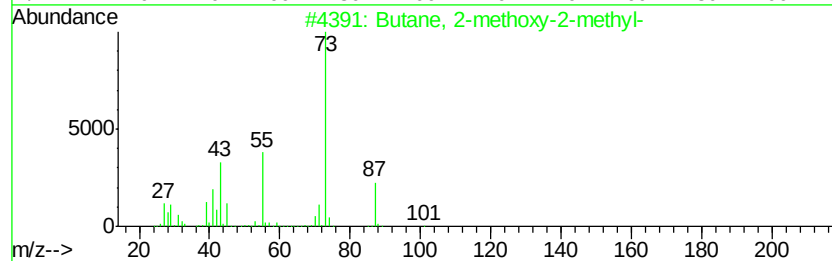
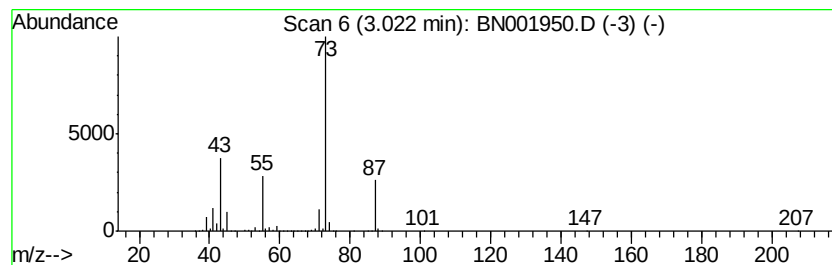
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	24.66 ng/ul	5662720	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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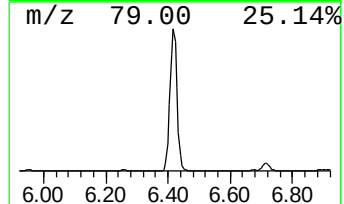
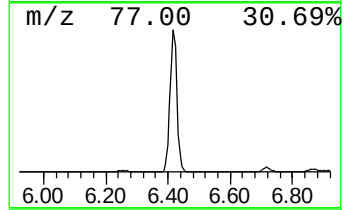
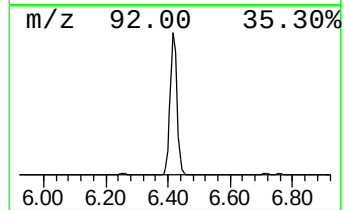
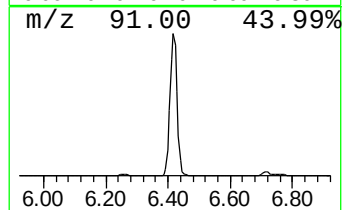
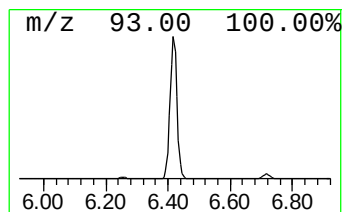
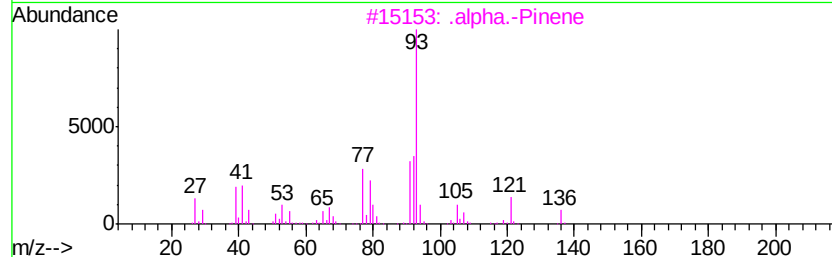
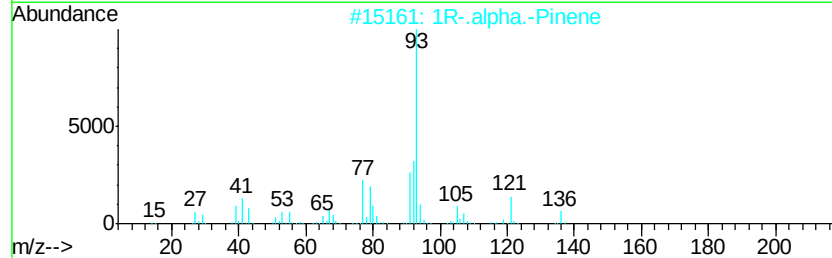
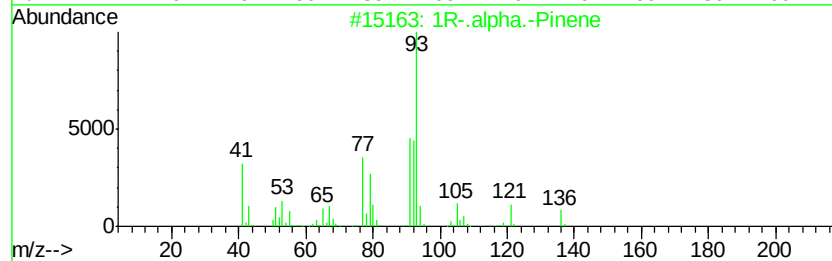
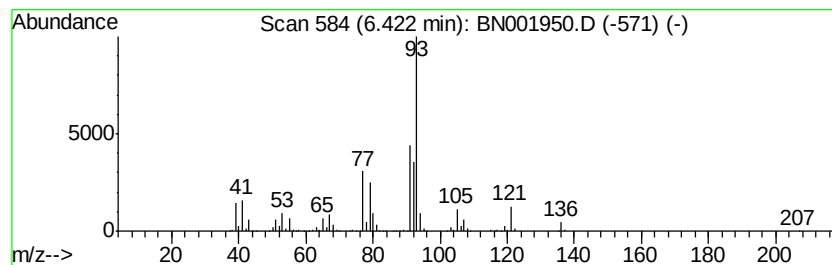
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1R-.alpha.-Pinene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	16.24 ng/ul	3730210	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2		1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5		Bicyclo[4.1.0]hept-3-ene, 3,7,7-...	136	C10H16	000498-15-7	91



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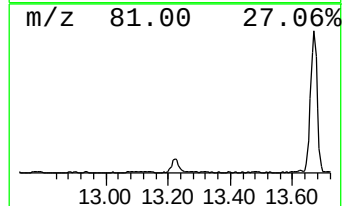
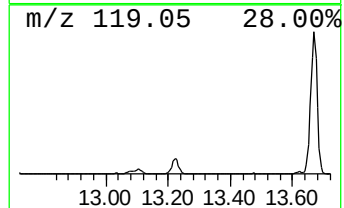
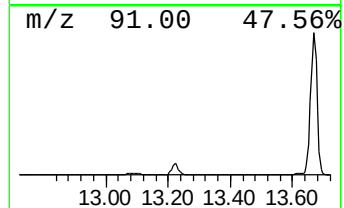
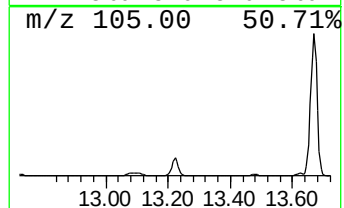
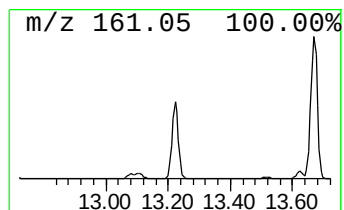
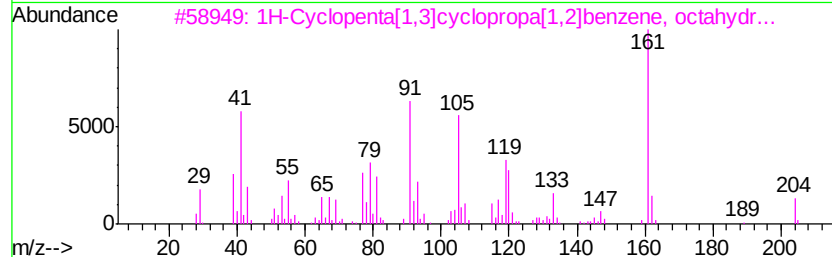
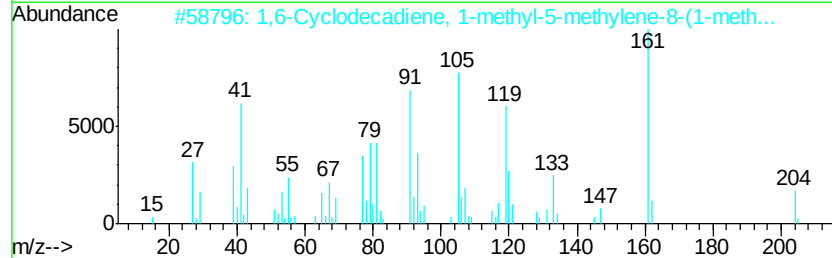
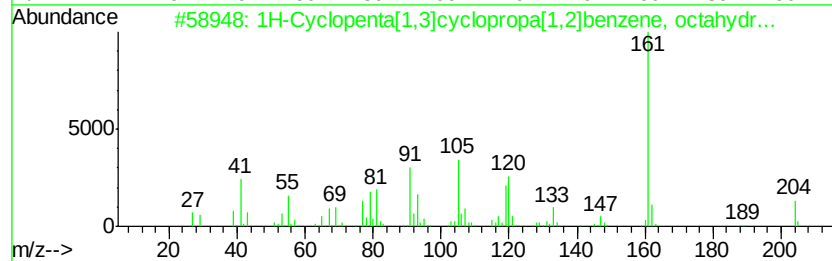
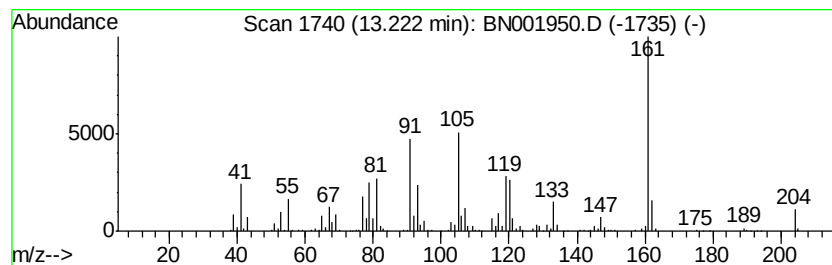
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.22 ng/ul	1369940	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	97
2		1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	96
3		1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	96
4		(+)-Epi-bicyclosesquiphellandrene	204	C15H24	054324-03-7	90
5		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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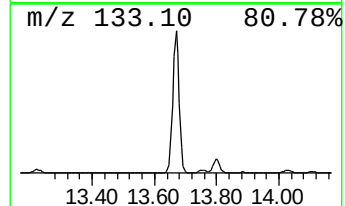
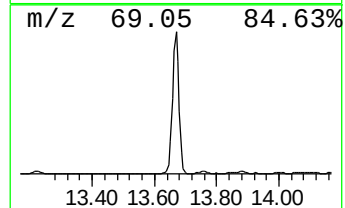
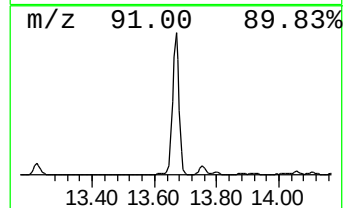
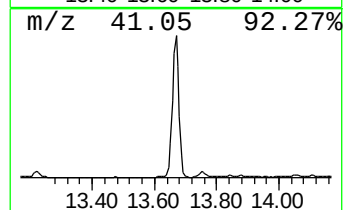
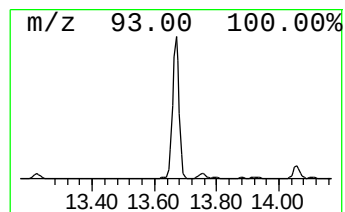
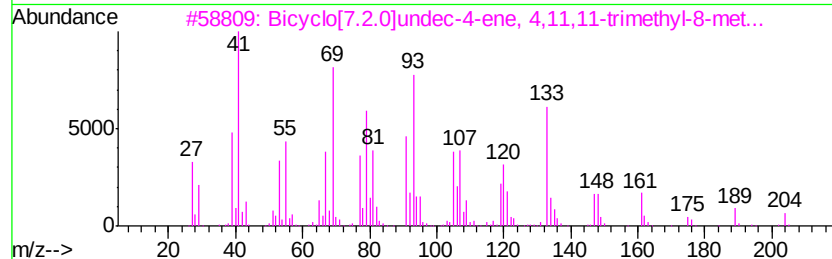
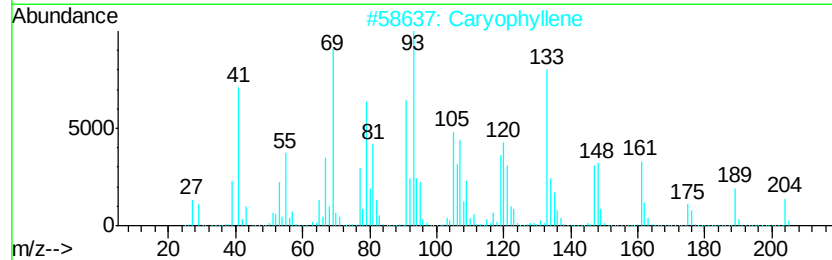
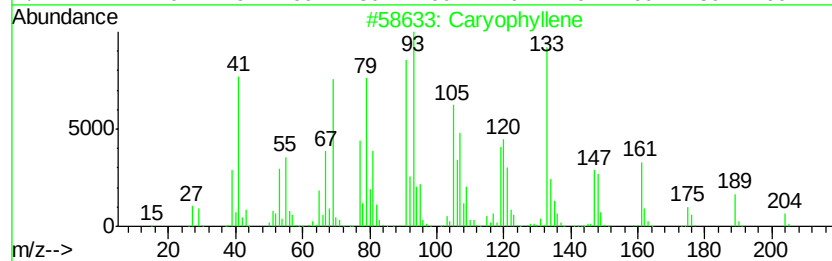
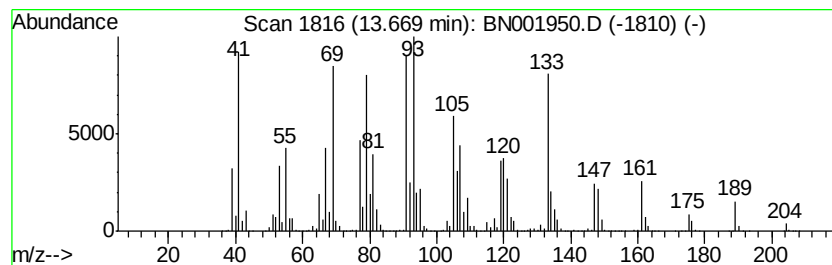
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Caryophyllene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	46.17 ng/ul	19670700	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caryophyllene	204	C15H24	000087-44-5	99
2		Caryophyllene	204	C15H24	000087-44-5	94
3		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
4		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	89
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	87



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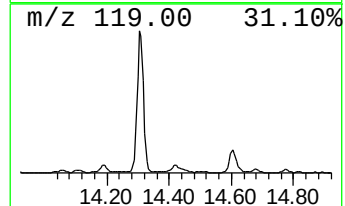
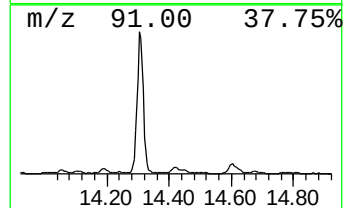
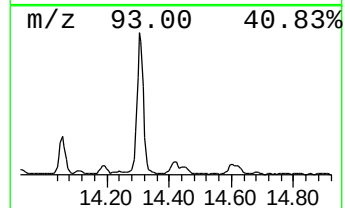
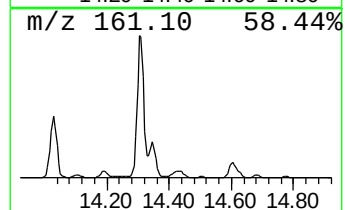
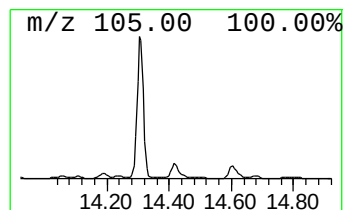
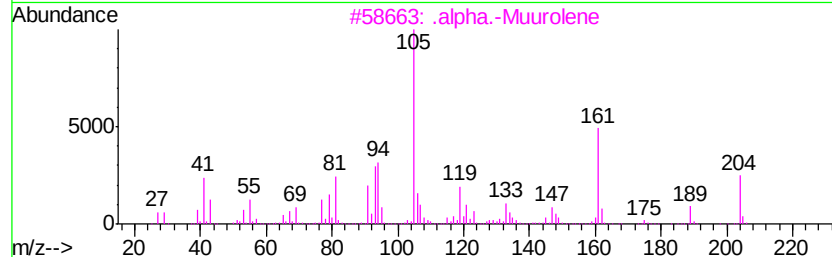
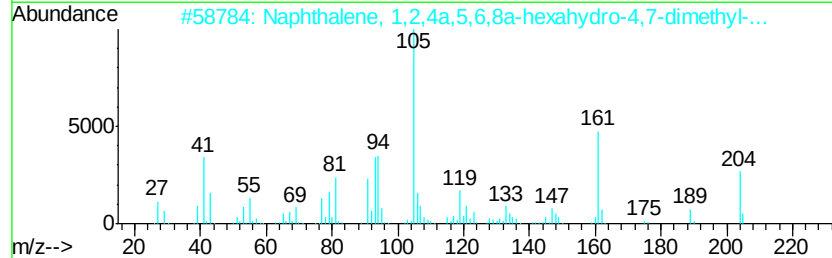
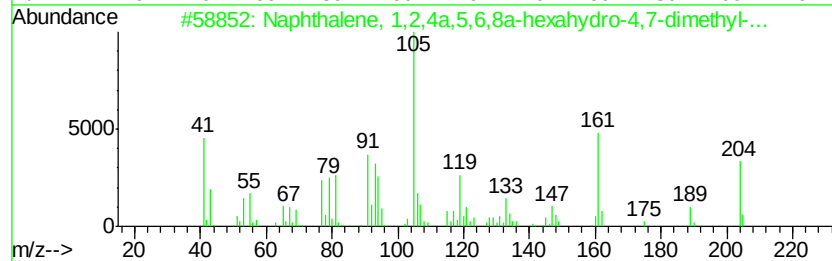
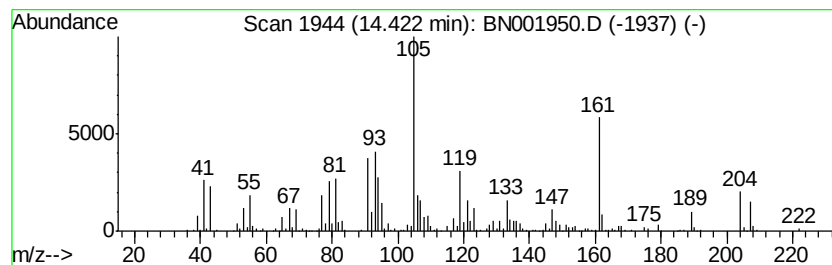
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.80 ng/ul	1618850	Acenaphthene-d10	14.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	96
2		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	95
3		.alpha.-Muurolene	204	C15H24	010208-80-7	95
4		(+)-Cycloisosativene	204	C15H24	1000109-88-1	95
5		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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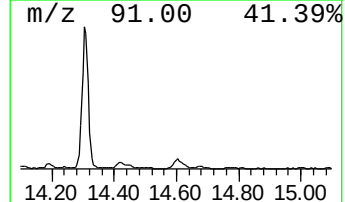
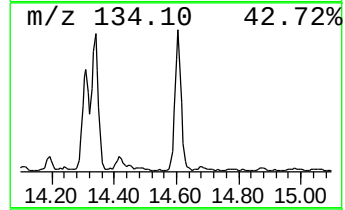
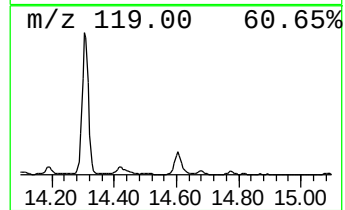
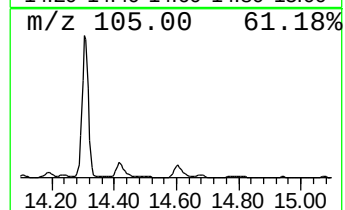
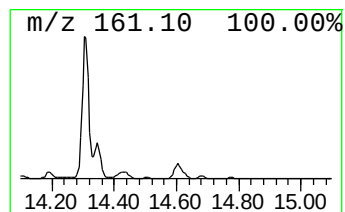
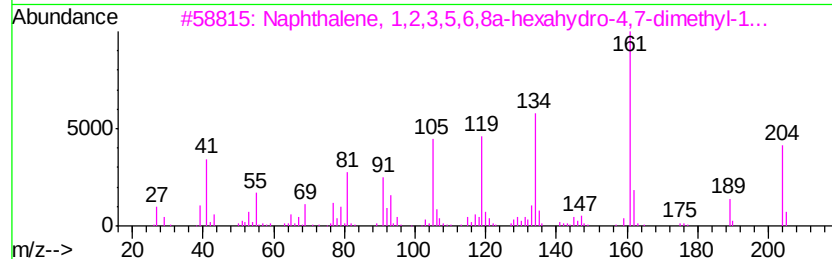
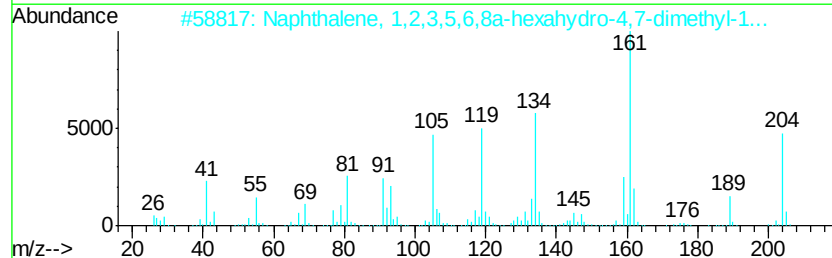
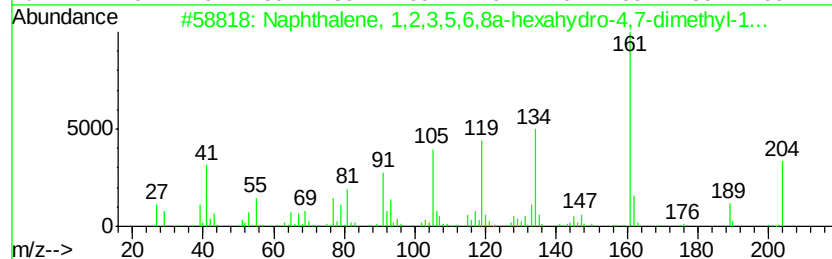
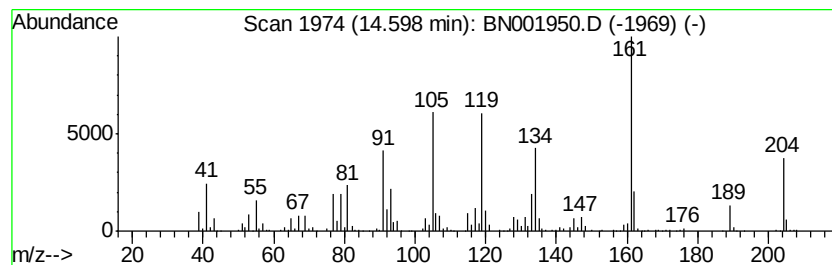
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.98 ng/ul	1697330	Acenaphthene-d10	14.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	96
2		Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	93
3		Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	93
4		Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	83
5		Ylangene	204	C15H24	014912-44-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

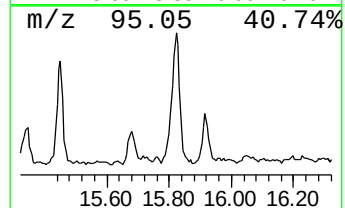
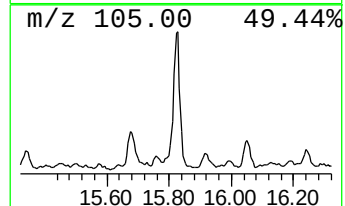
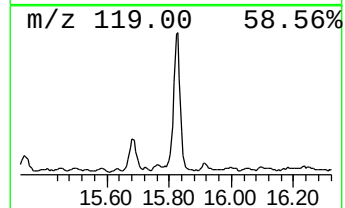
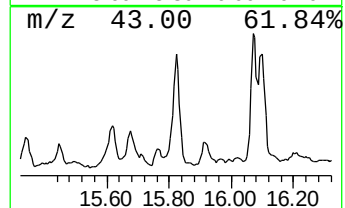
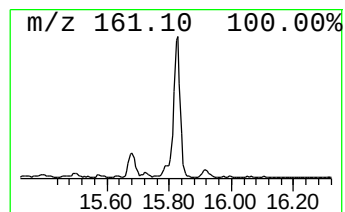
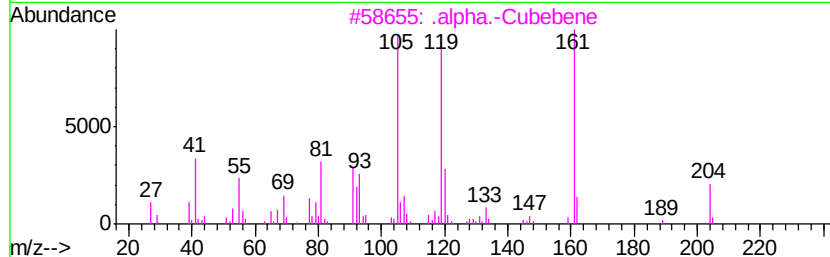
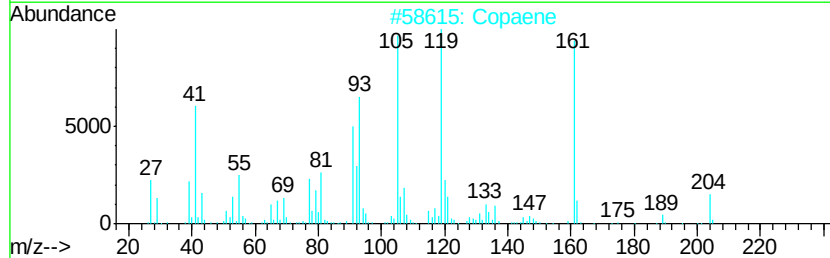
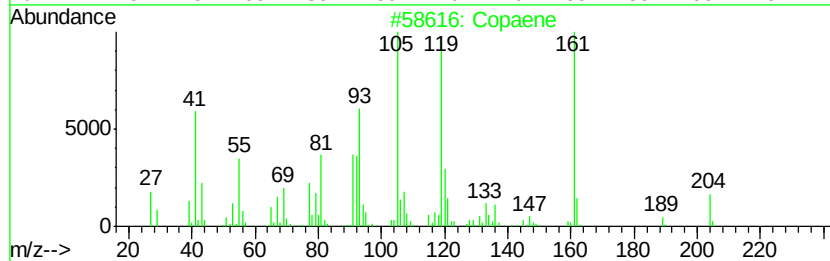
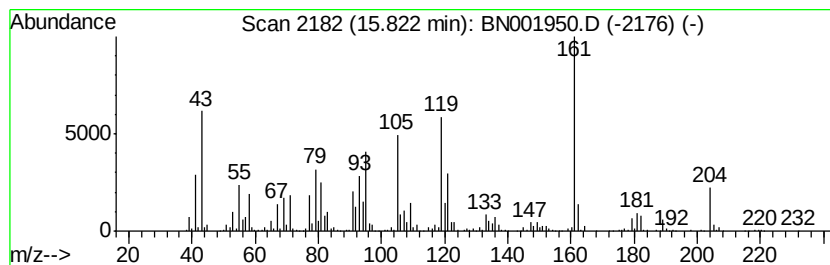
Instrument :
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ClientSampled :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Copaene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.73 ng/ul	1957090	Phenanthrene-d10	17.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Copaene		204 C15H24	003856-25-5 95
2	Copaene		204 C15H24	003856-25-5 95
3	.alpha.-Cubebene		204 C15H24	017699-14-8 89
4	Naphthalene, 1,2,4a,5,6,8a-hexah...		204 C15H24	000483-75-0 83
5	1-Naphthalenol, 1,2,3,4,4a,7,8,8...		222 C15H26O	019435-97-3 83



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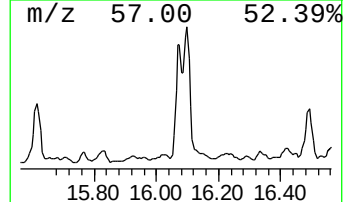
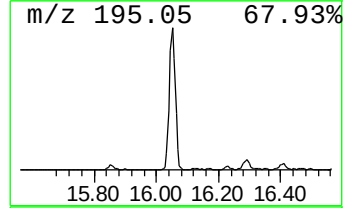
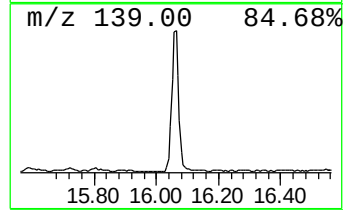
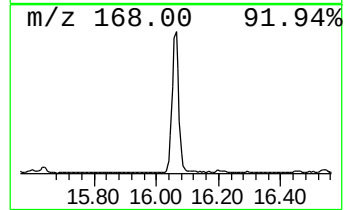
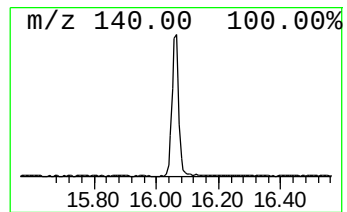
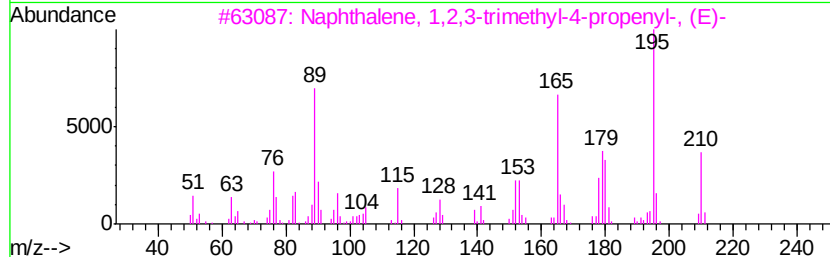
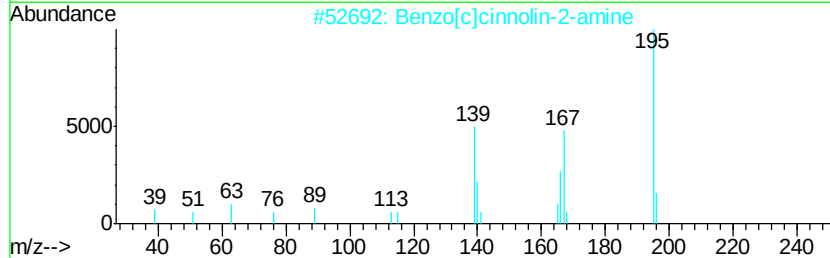
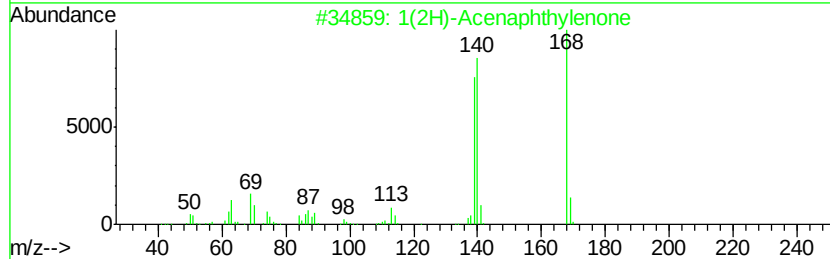
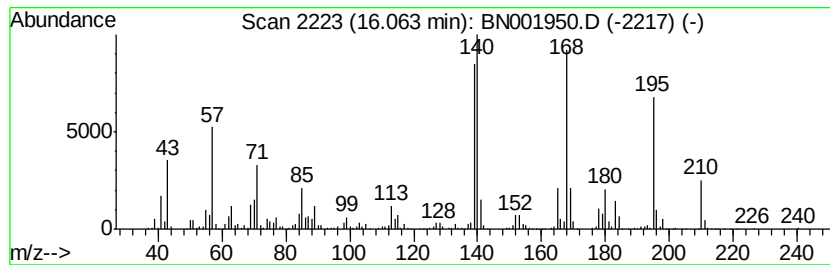
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1(2H)-Acenaphthylene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	5.06 ng/ul	2656460	Phenanthrene-d10	17.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1(2H)-Acenaphthylene	168 C12H8O	002235-15-6	93
2	Benzo[c]cinnolin-2-amine	195 C12H9N3	004827-07-0	49
3	Naphthalene, 1,2,3-trimethyl-4-p...	210 C16H18	026137-53-1	45
4	9-Anthracenamine, 9,10-dihydro-	195 C14H13N	097825-91-7	38
5	1-Amino-9-fluorenone	195 C13H9NO	006344-62-3	30



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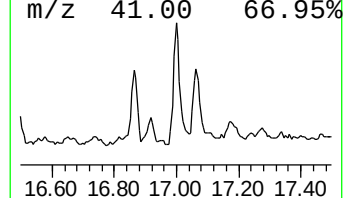
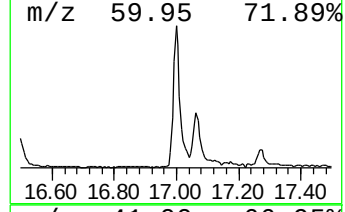
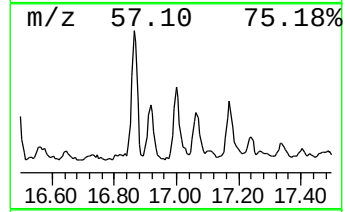
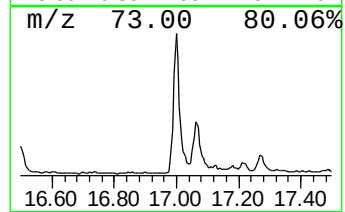
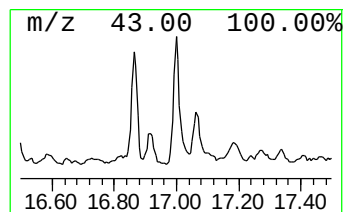
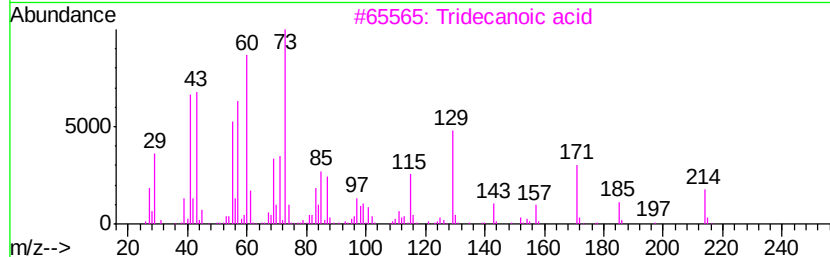
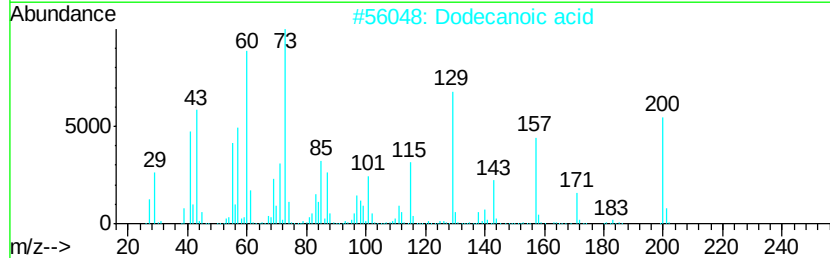
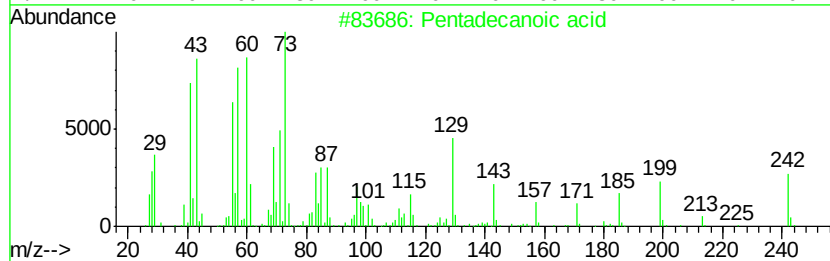
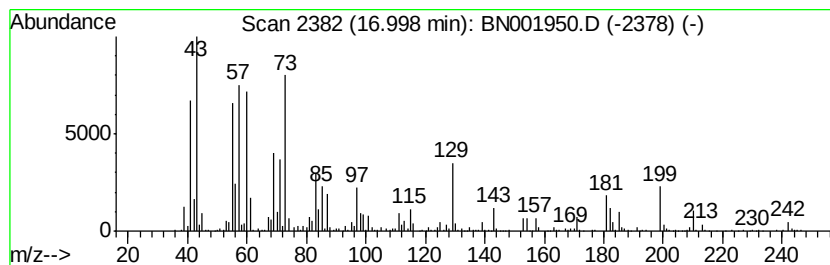
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecanoic acid Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	2.18 ng/ul	1144600	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
2		Dodecanoic acid	200	C12H24O2	000143-07-7	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	62
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	52



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Data File : BN001950.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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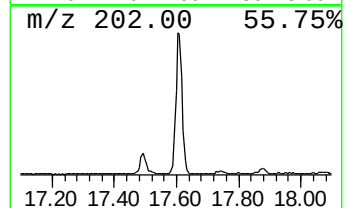
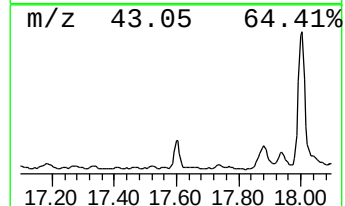
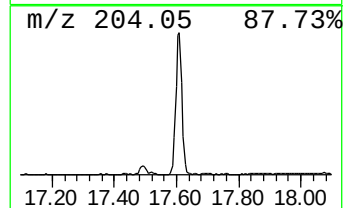
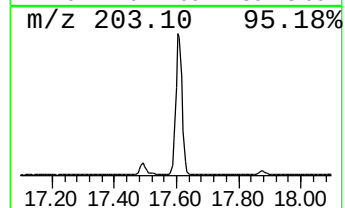
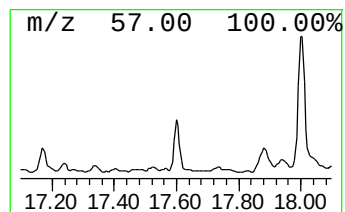
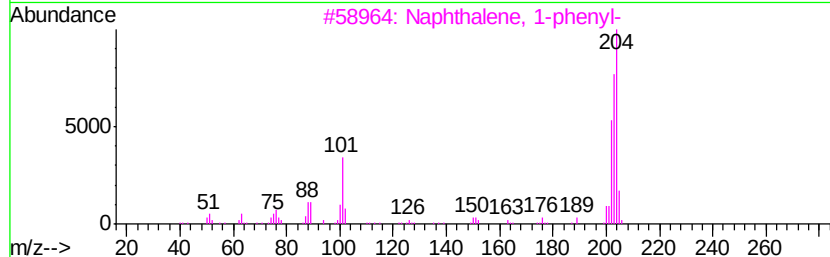
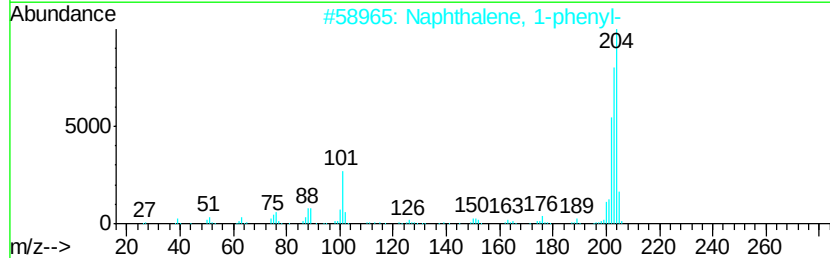
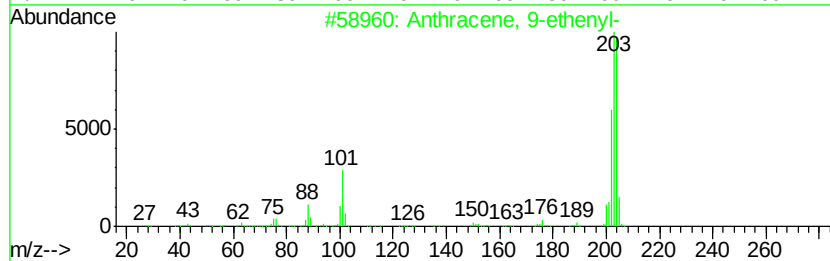
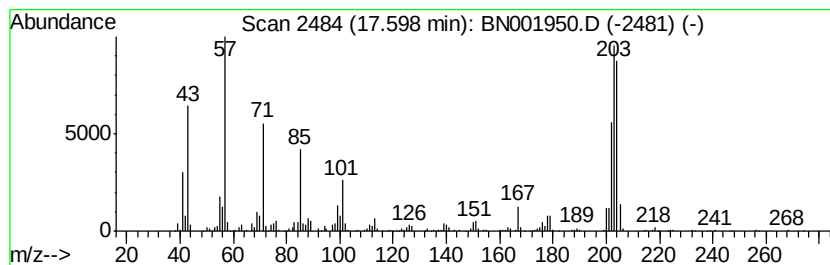
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 9-ethenyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	2.46 ng/ul	1287880	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	91
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4			Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	83
5			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H23

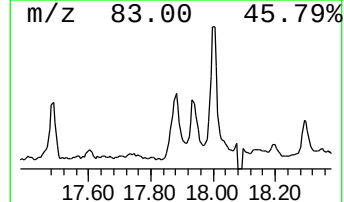
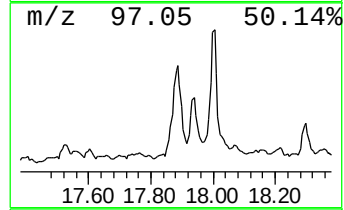
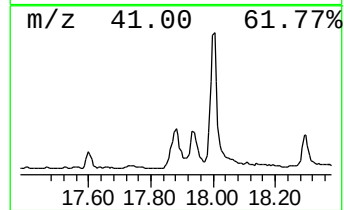
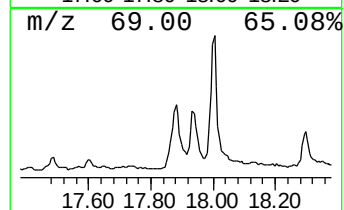
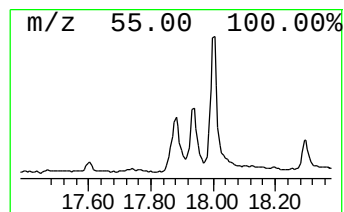
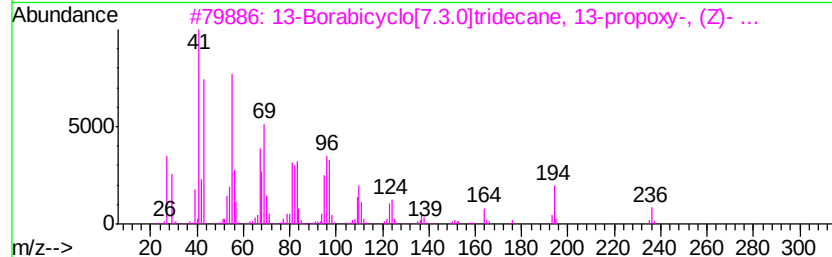
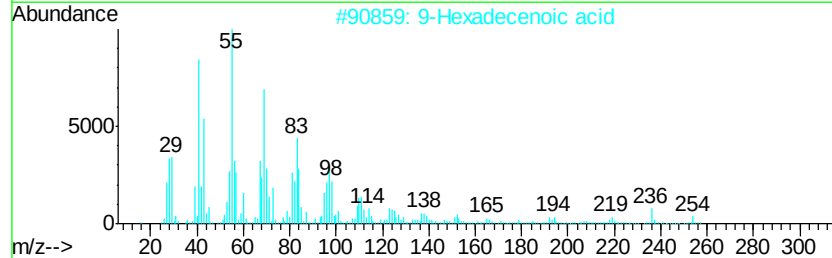
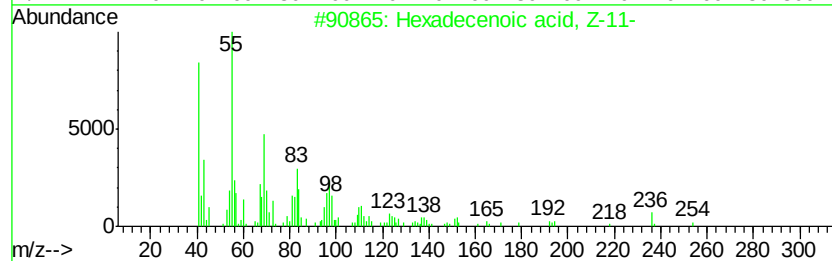
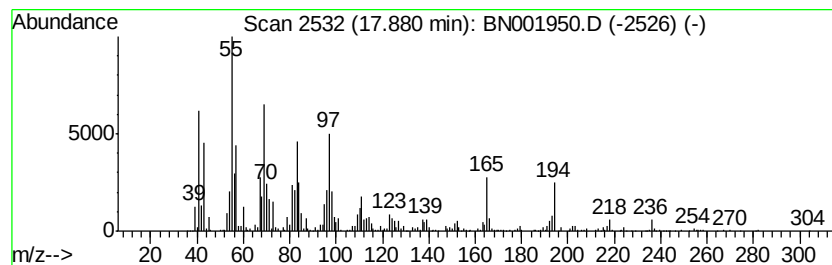
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexadecenoic acid, Z-11- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.38 ng/ul	2297200	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	97
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
3		13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29B0	1000156-41-7	59
4		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	58
5		Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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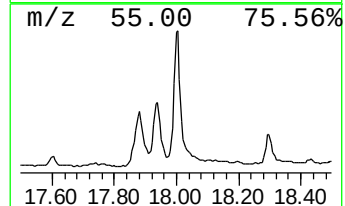
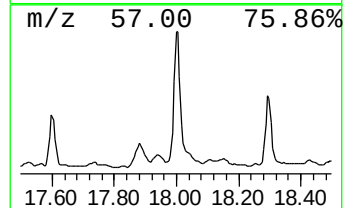
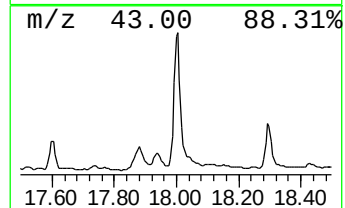
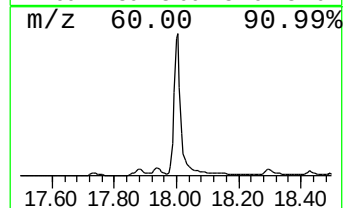
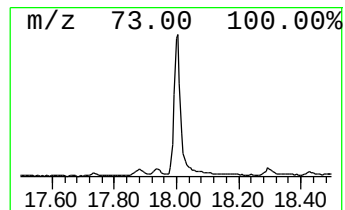
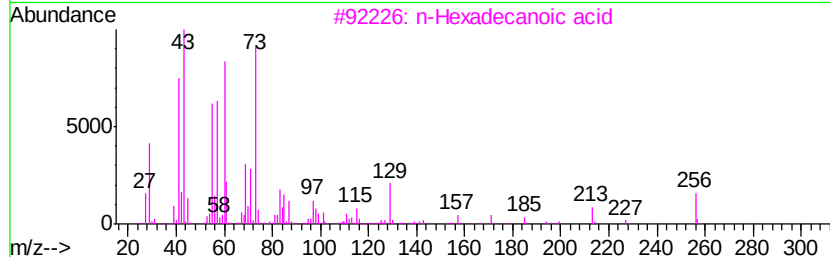
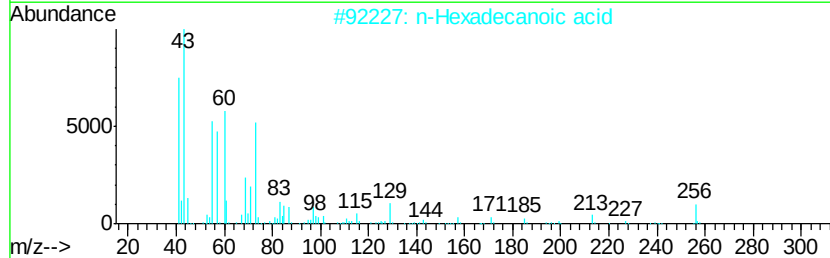
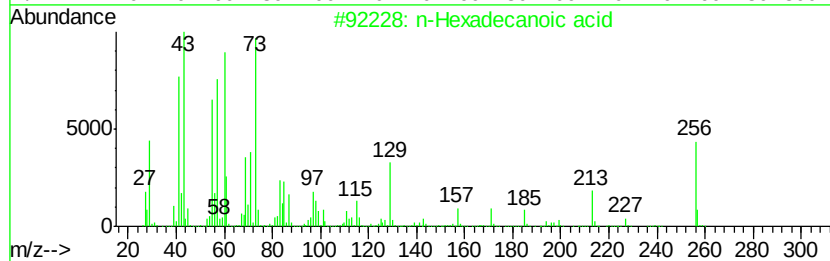
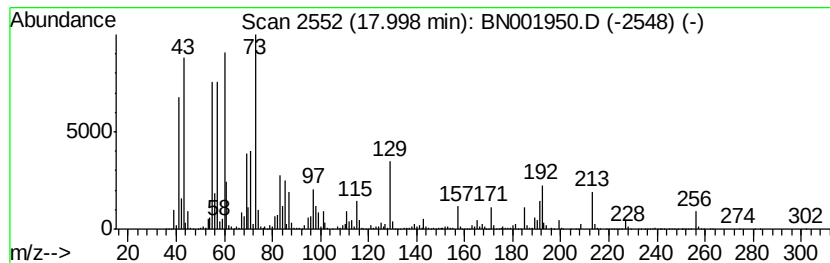
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.83 ng/ul	6204980	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

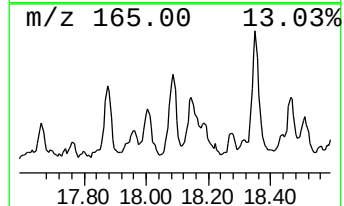
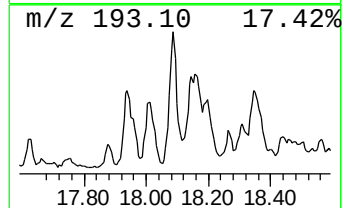
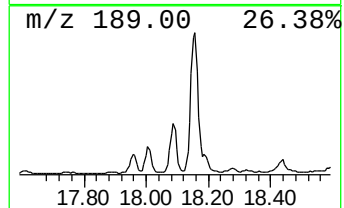
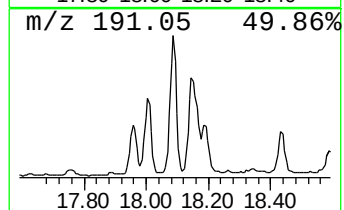
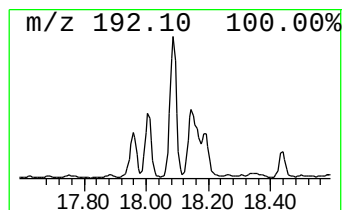
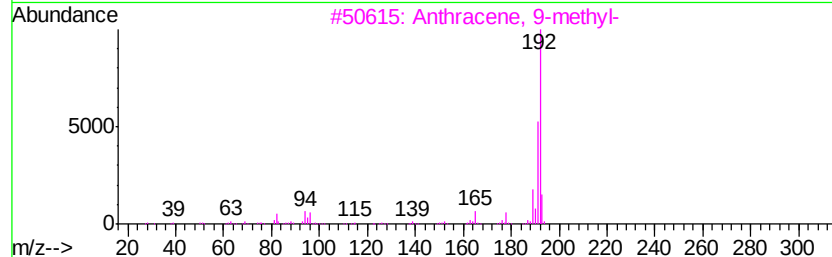
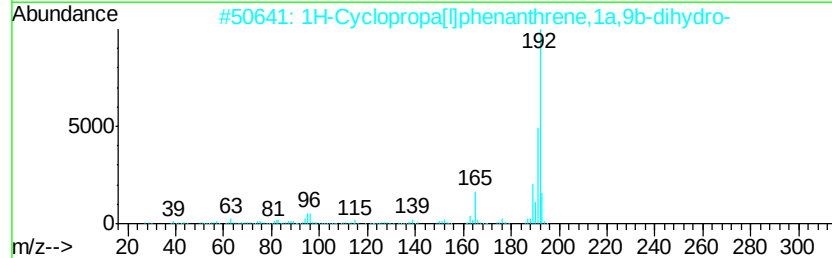
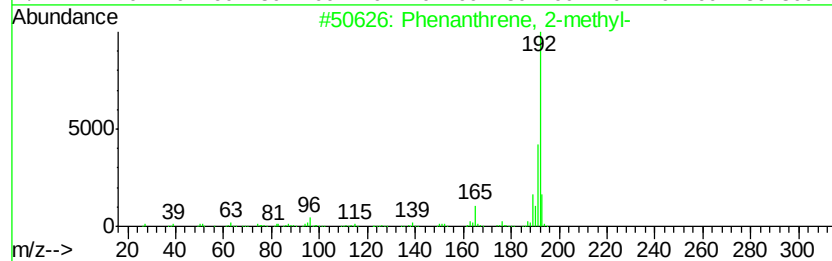
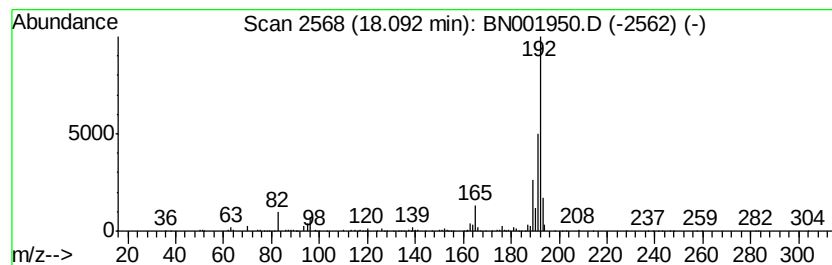
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	2.37 ng/ul	1245490	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

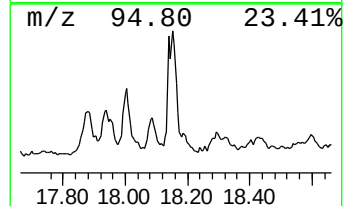
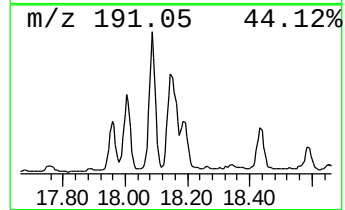
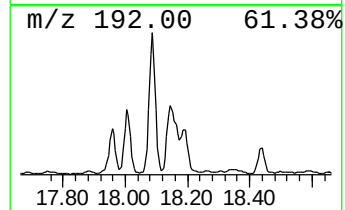
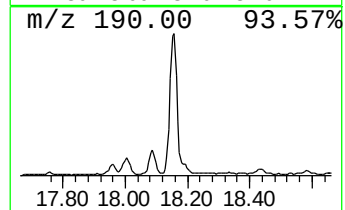
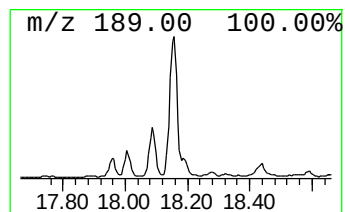
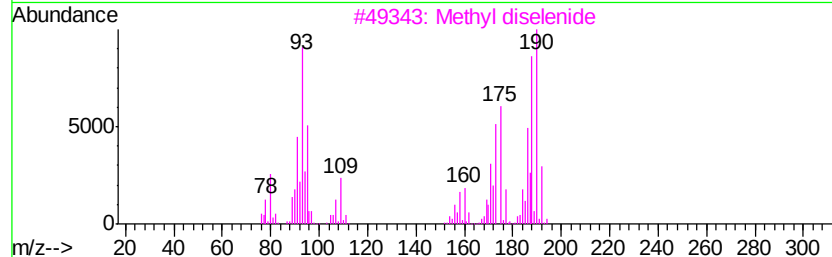
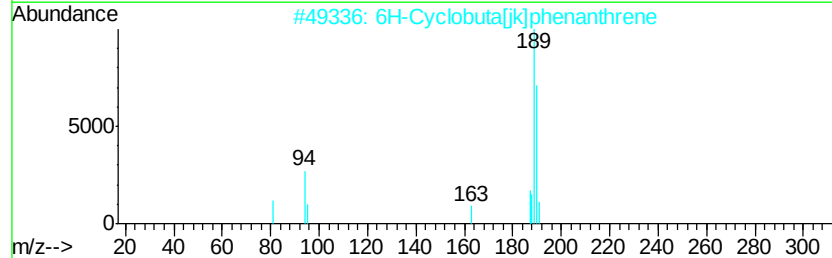
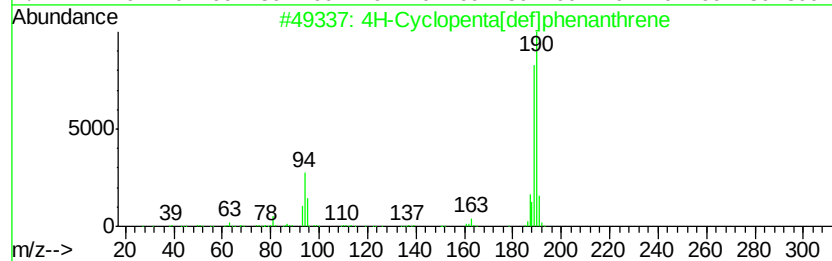
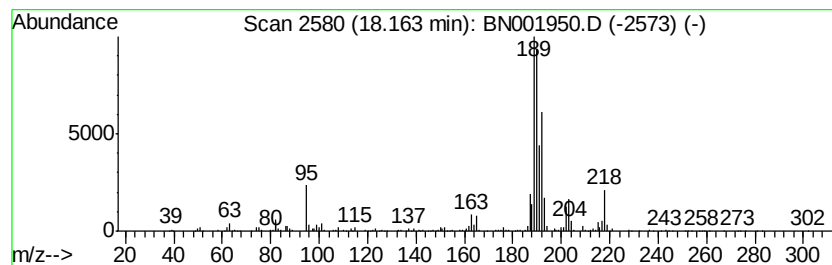
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.16	3.34 ng/ul	1754470	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
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Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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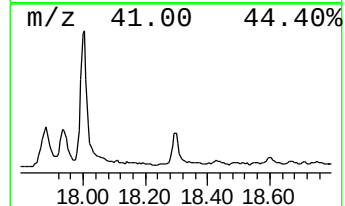
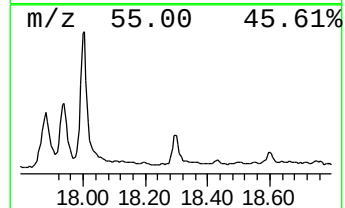
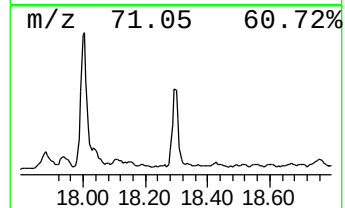
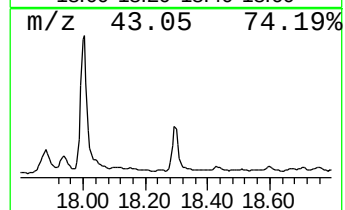
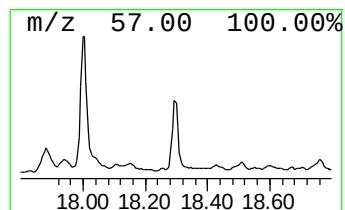
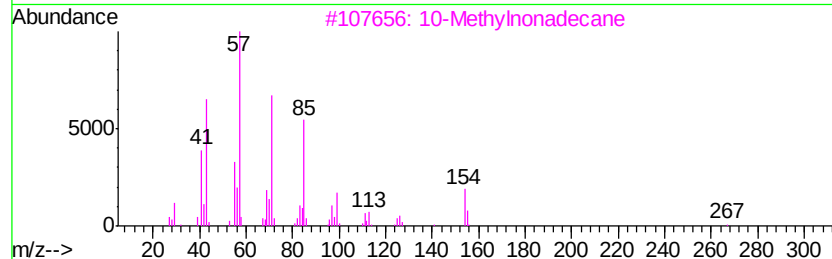
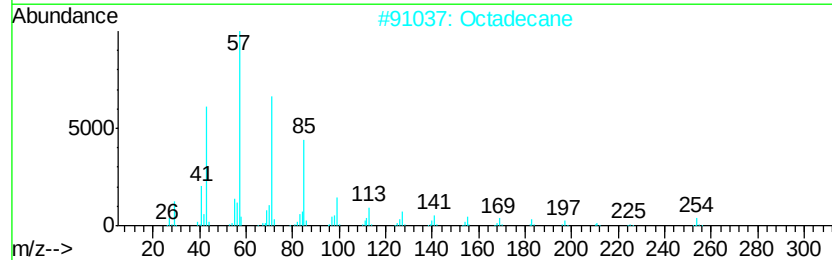
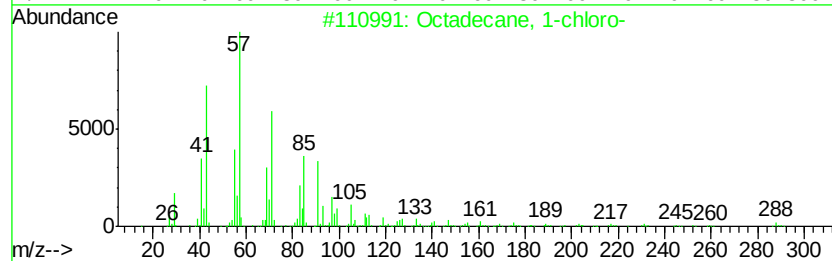
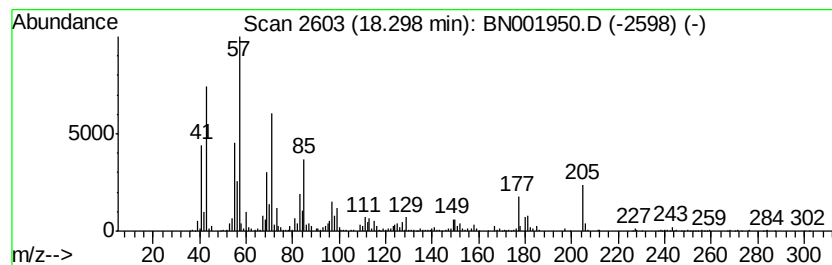
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecane, 1-chloro- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.85 ng/ul	1494940	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
2			Octadecane	254	C18H38	000593-45-3	55
3			10-Methylnonadecane	282	C20H42	056862-62-5	49
4			Nonadecane	268	C19H40	000629-92-5	49
5			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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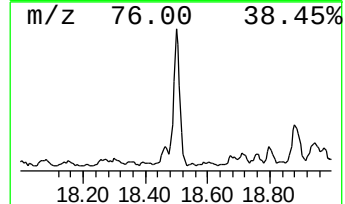
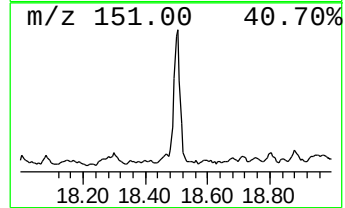
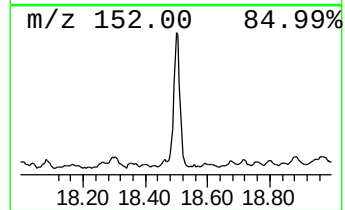
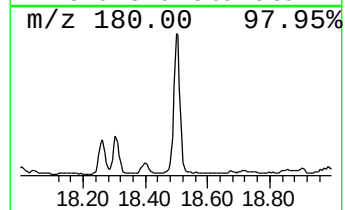
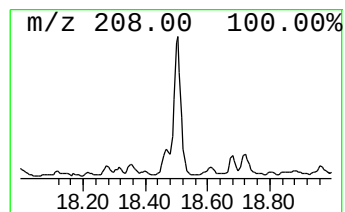
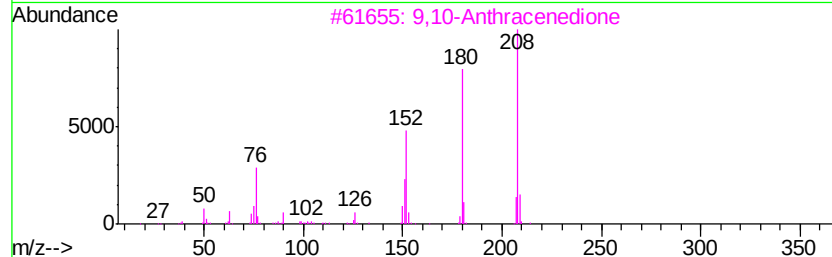
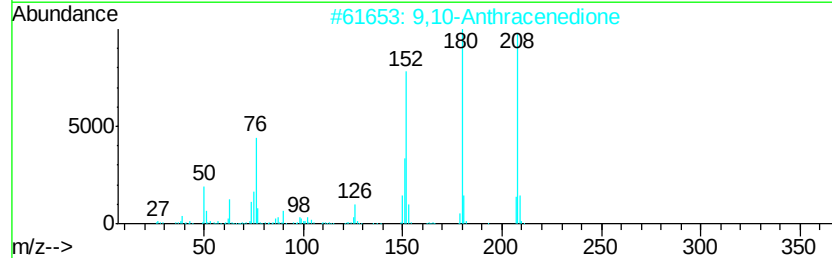
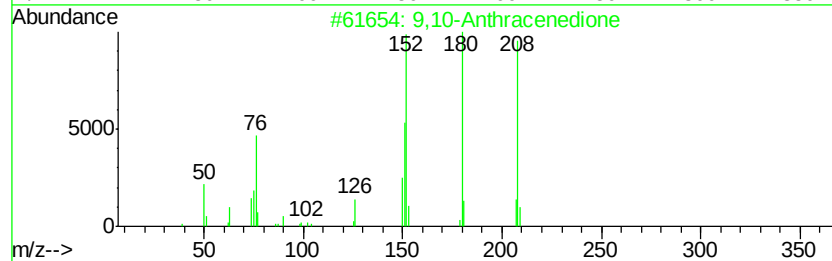
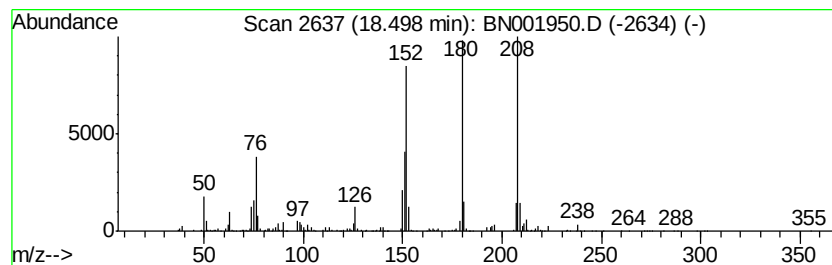
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9,10-Anthracenedione Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.50 ng/ul	1838050	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampled :
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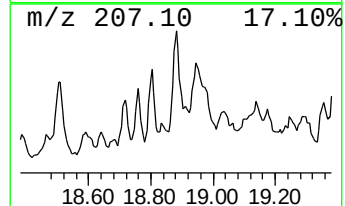
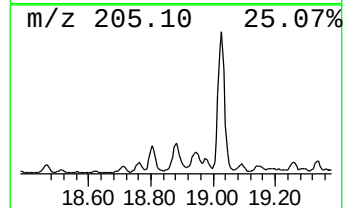
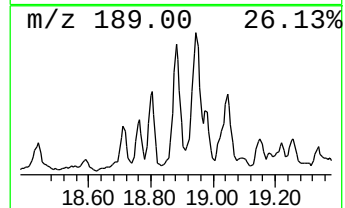
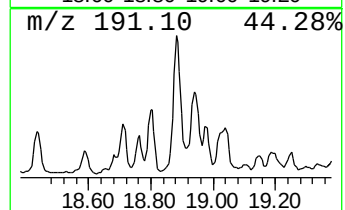
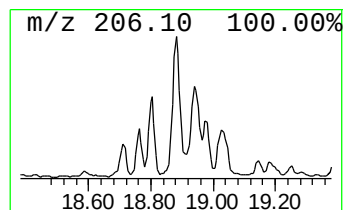
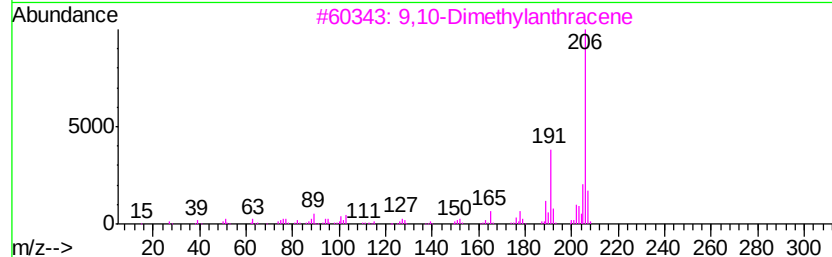
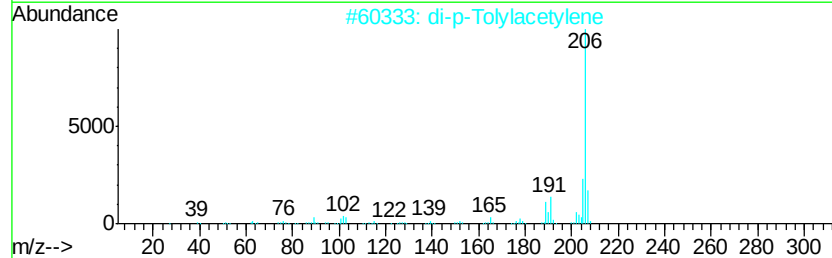
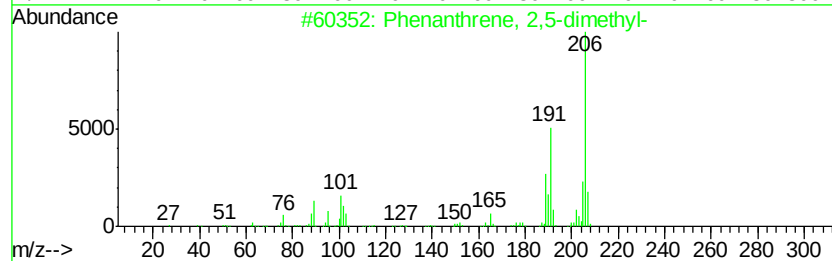
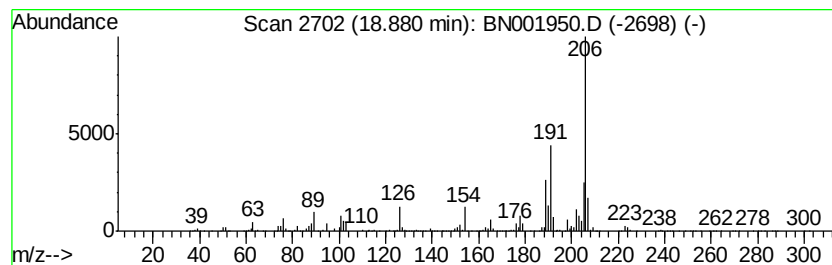
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.83 ng/ul	2011090	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H23

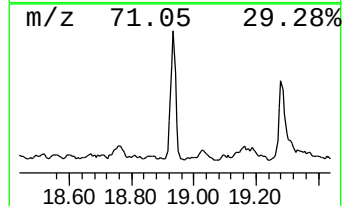
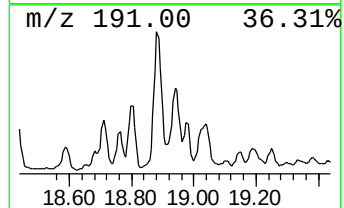
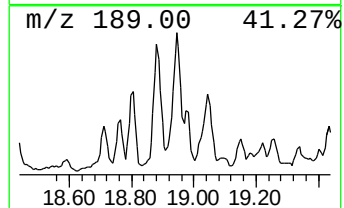
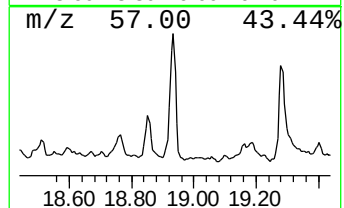
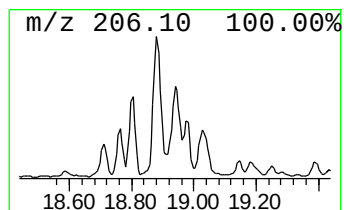
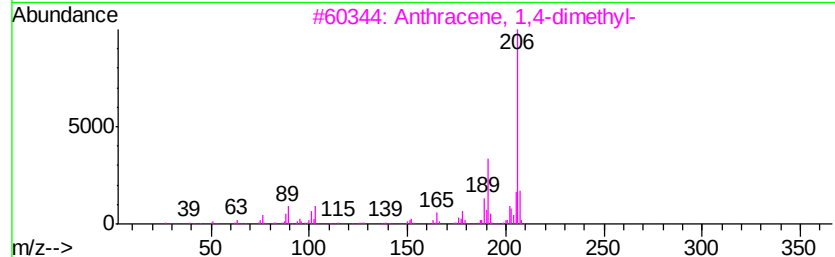
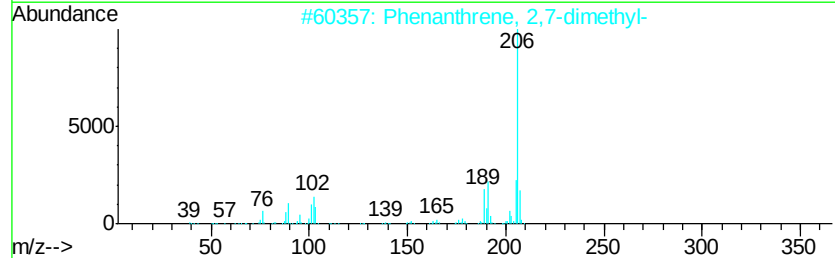
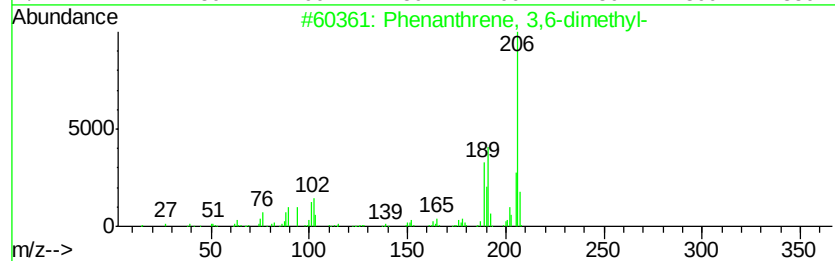
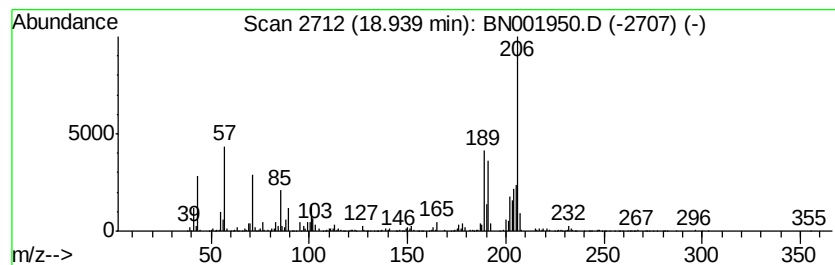
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.63 ng/ul	1906120	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	53
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	53
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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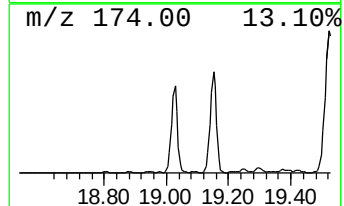
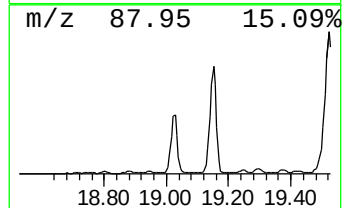
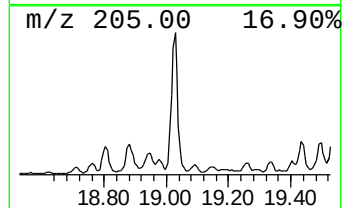
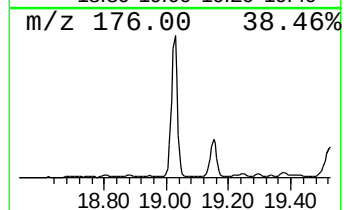
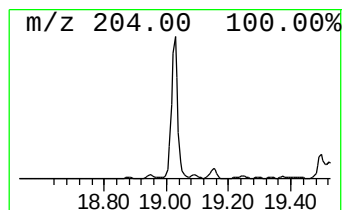
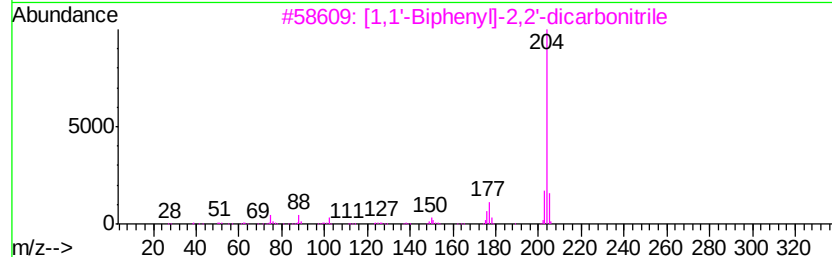
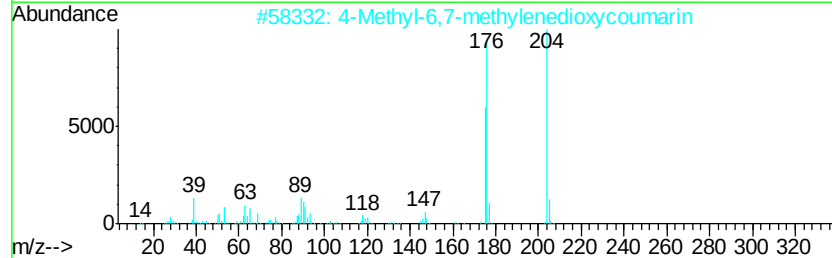
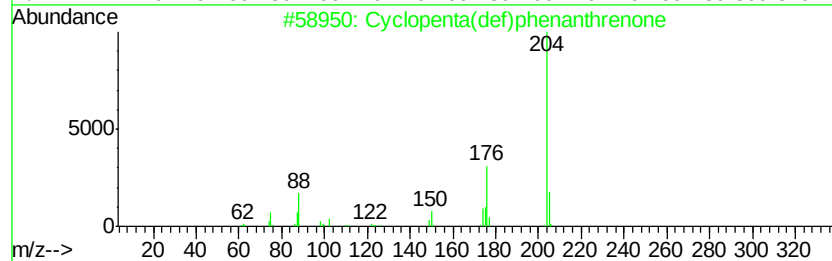
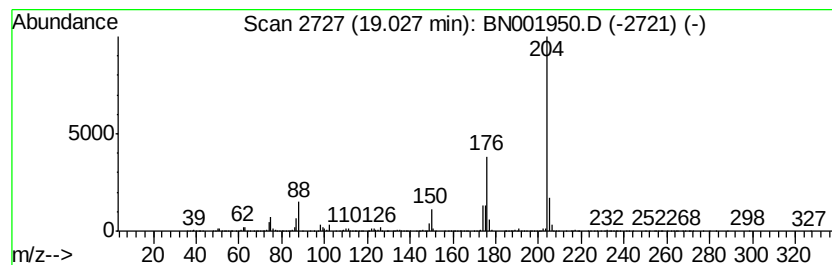
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	18.55 ng/ul	9731060	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		4-Methyl-6,7-methylenedioxy coumarin	204	C11H8O4	015071-04-2	59
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	58
4		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	47
5		4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Acq On : 03 Jul 2018 19:03
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Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

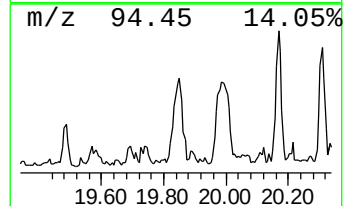
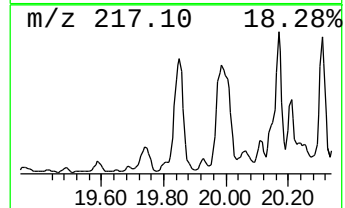
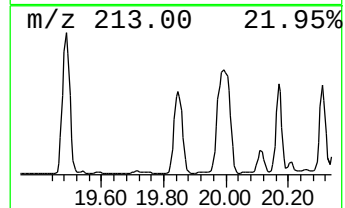
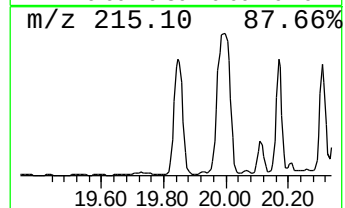
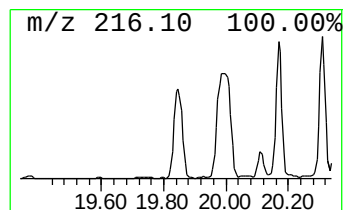
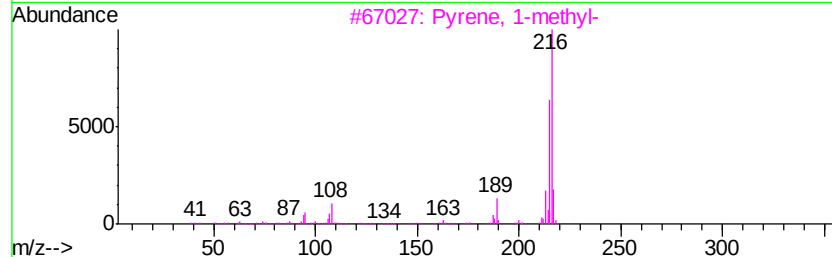
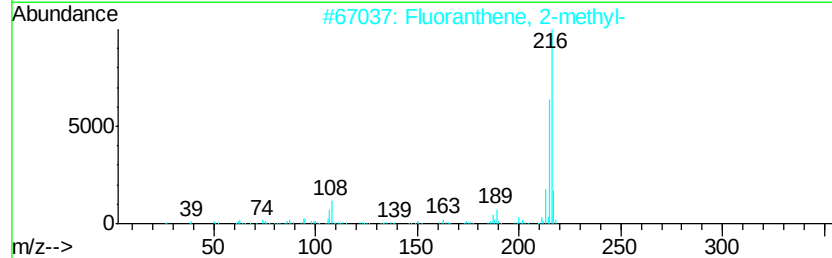
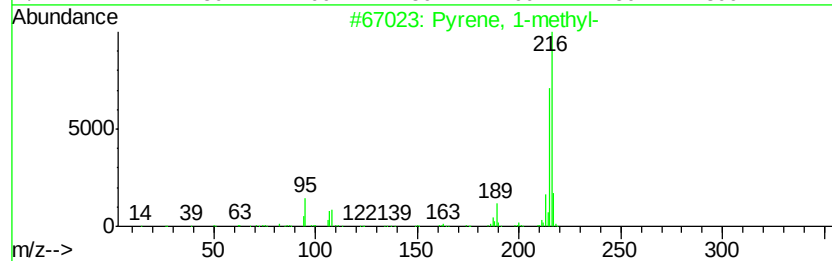
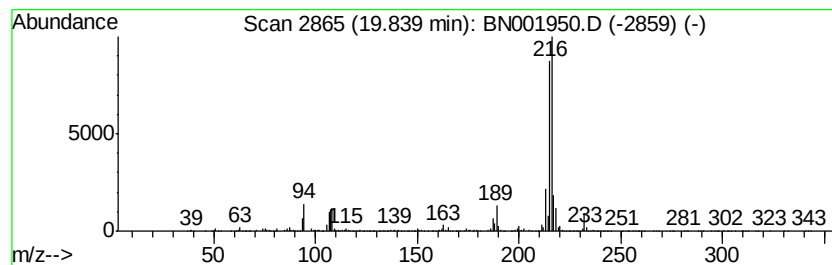
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	5.02 ng/ul	10365000	Chrysene-d12	21.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 96
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
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Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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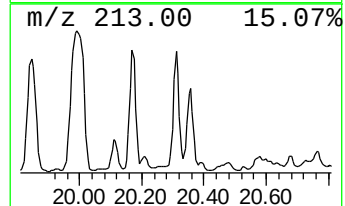
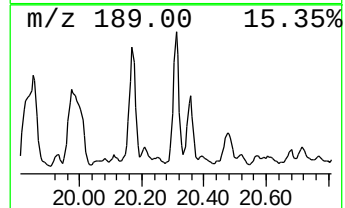
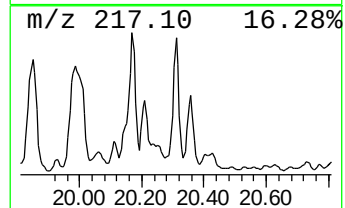
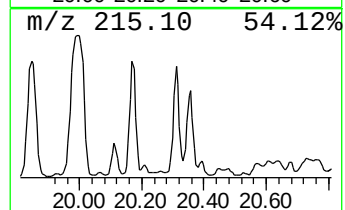
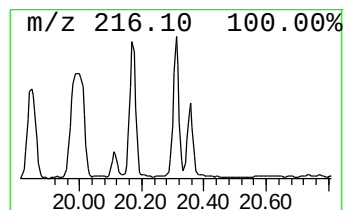
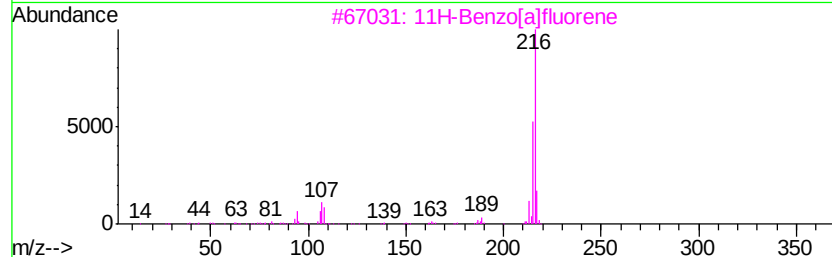
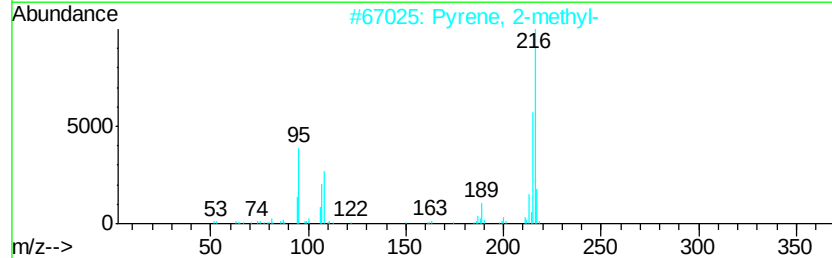
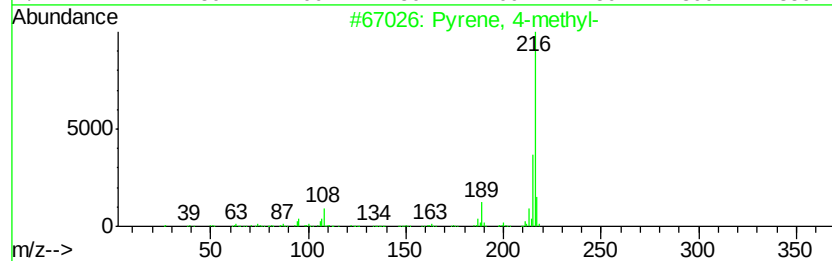
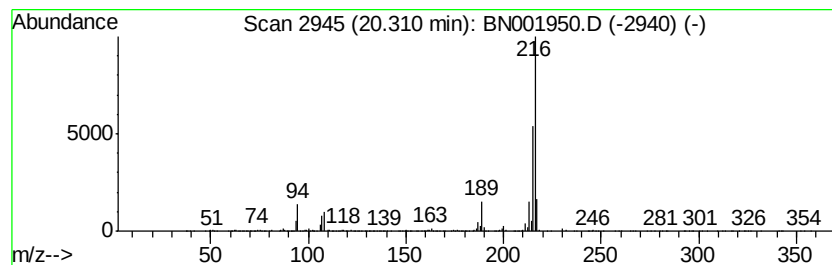
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Pyrene, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	3.36 ng/ul	6935490	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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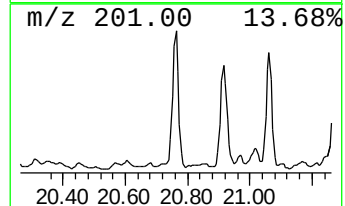
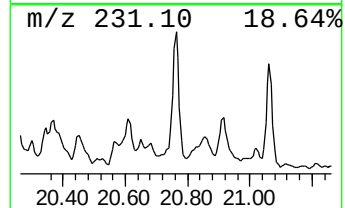
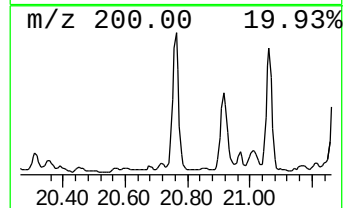
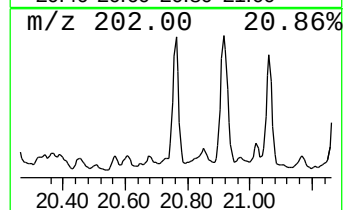
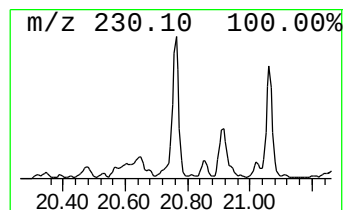
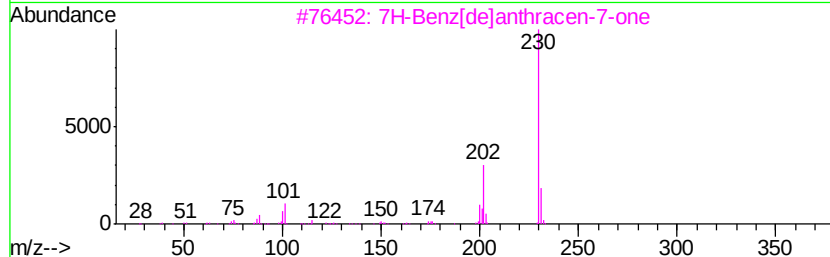
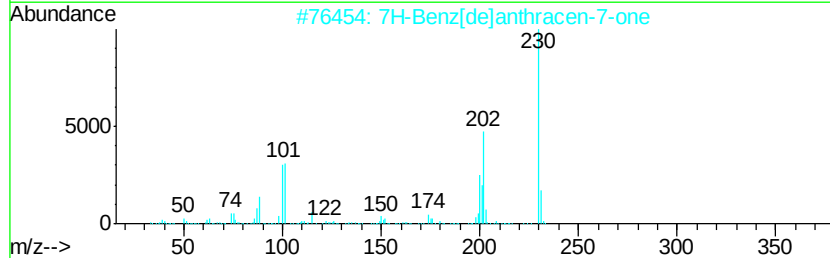
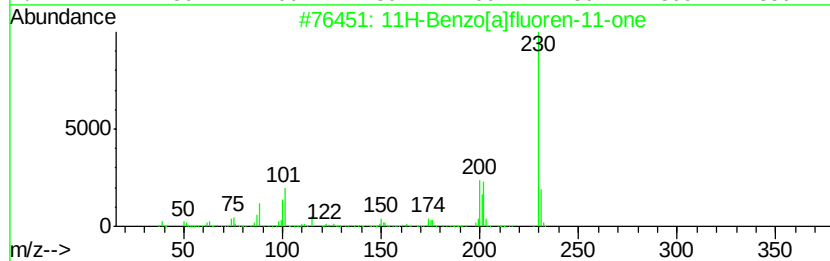
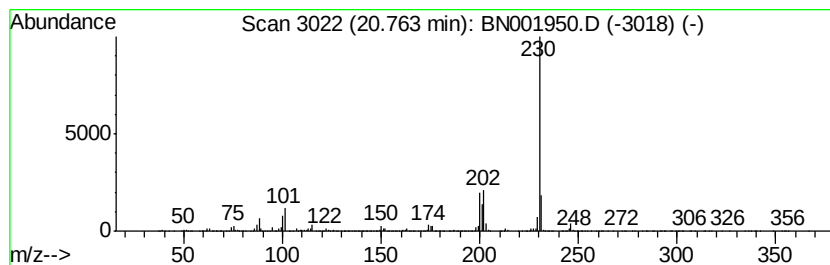
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 11H-Benzo[a]fluoren-11-one Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	3.50 ng/ul	7233270	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72



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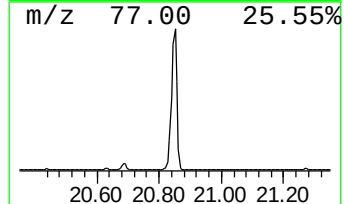
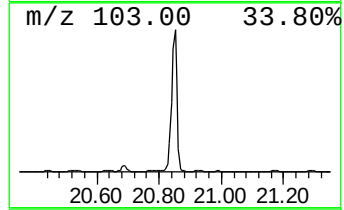
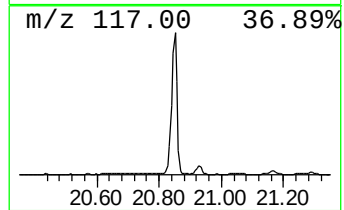
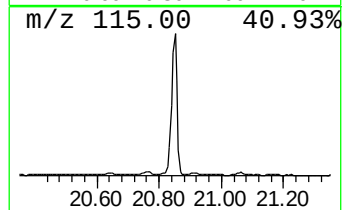
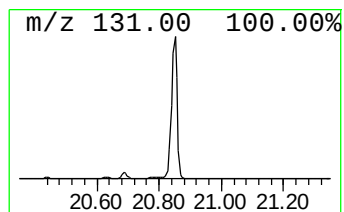
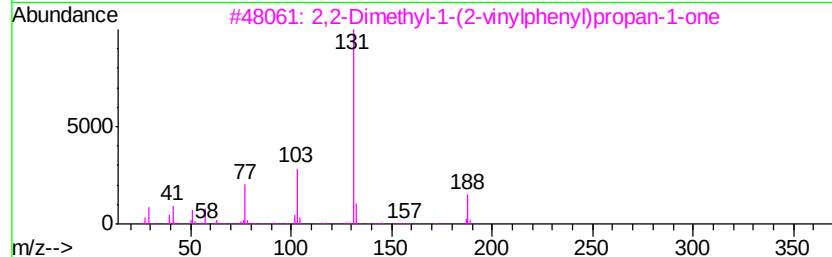
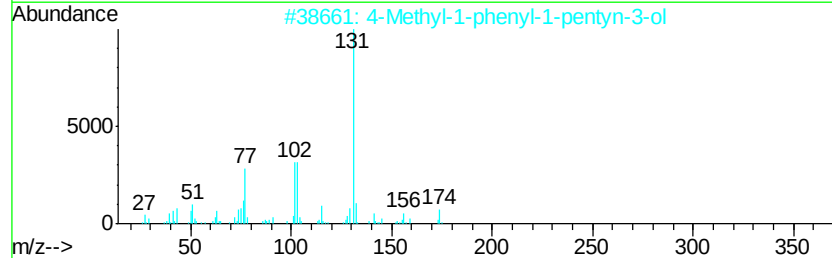
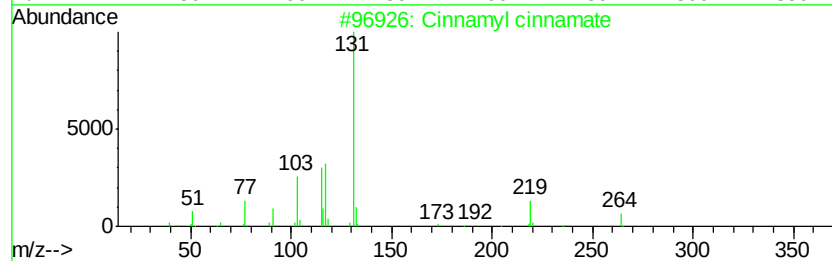
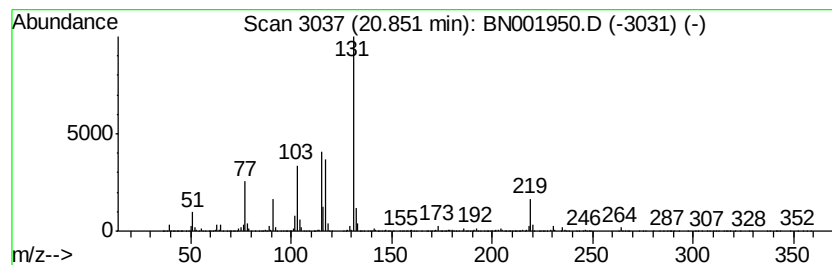
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Cinnamyl cinnamate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.85	18.04 ng/ul	37284400	Chrysene-d12	21.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87	
2	4-Methyl-1-phenyl-1-pentyn-3-ol	174	C12H14O	006662-56-2	50	
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49	
4	2-Propenoic acid, 3-phenyl-, 4-m...	238	C16H14O2	010519-07-0	47	
5	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	47	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H23

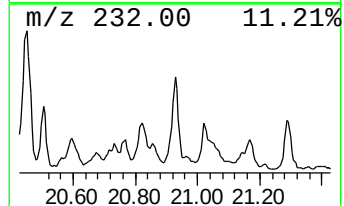
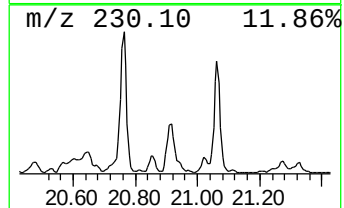
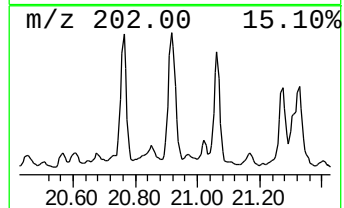
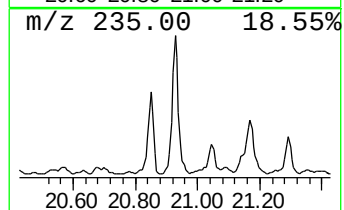
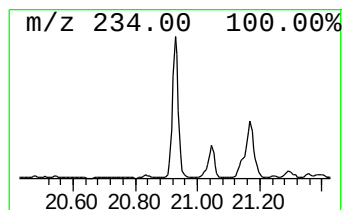
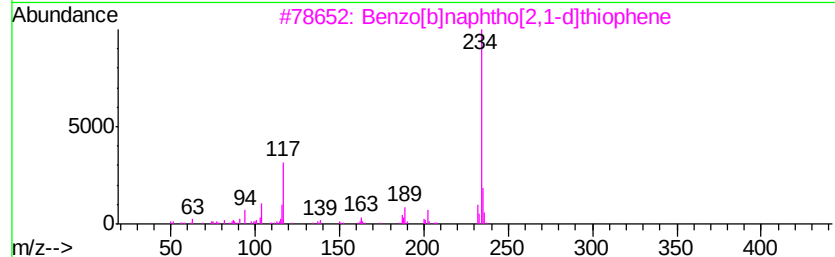
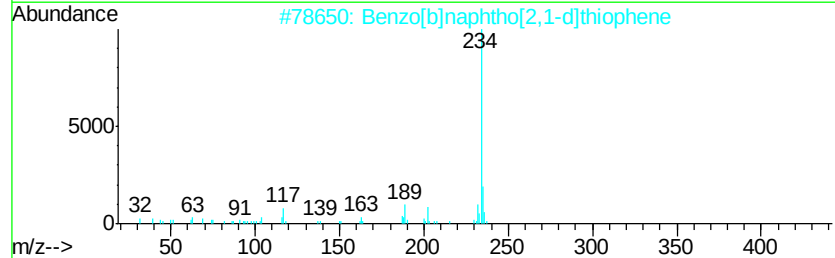
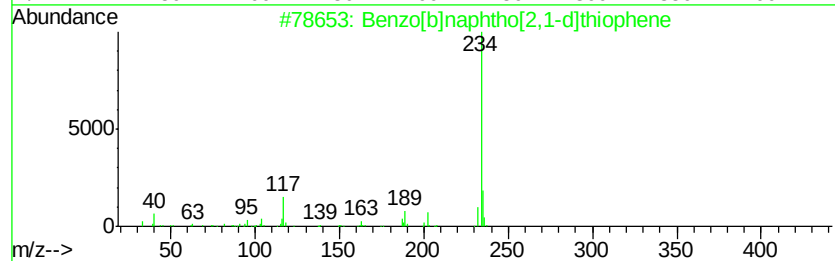
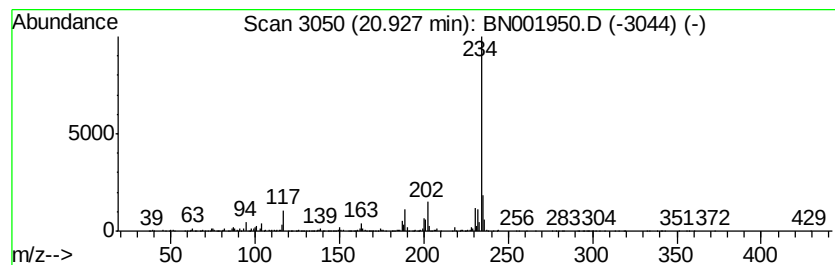
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.71 ng/ul	7666950	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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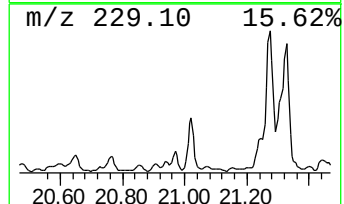
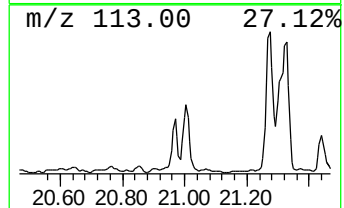
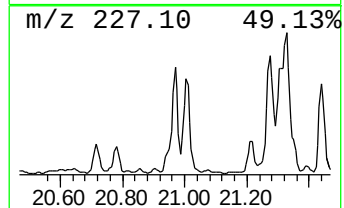
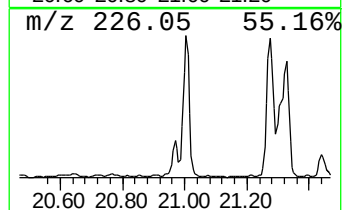
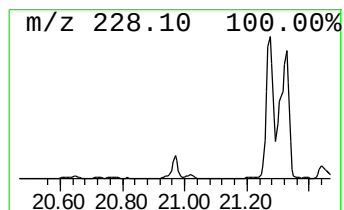
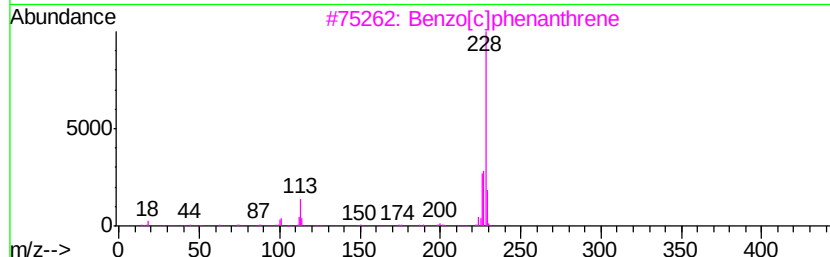
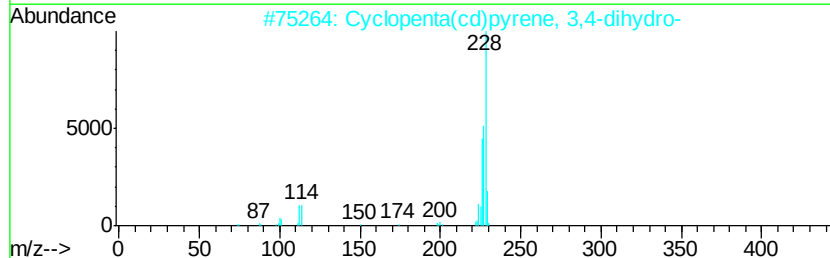
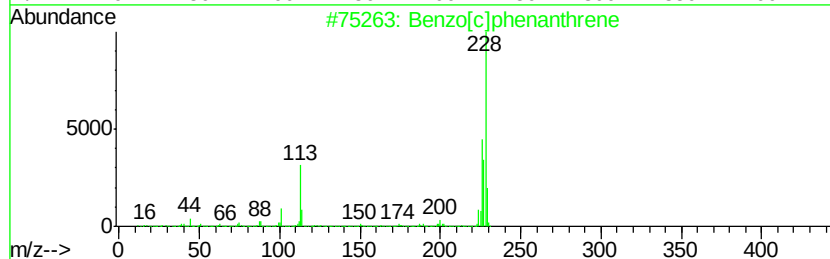
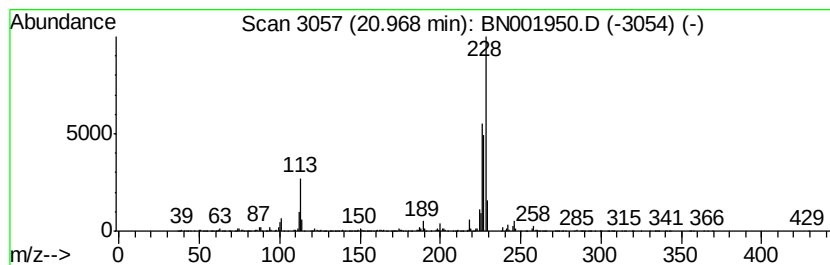
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Benzo[c]phenanthrene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.46 ng/ul	5075250	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	92
2		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
4		Triphenylene	228	C18H12	000217-59-4	46
5		Triphenylene	228	C18H12	000217-59-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

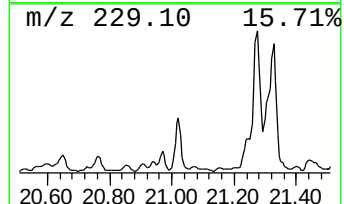
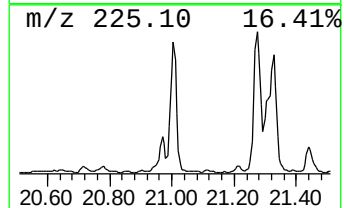
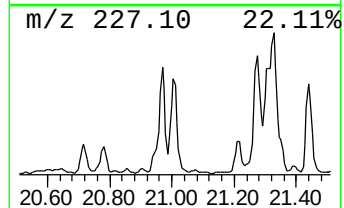
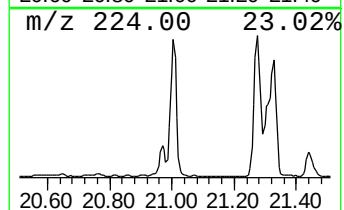
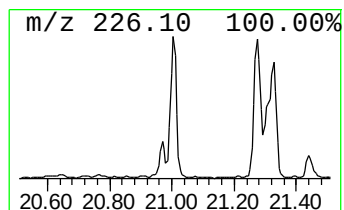
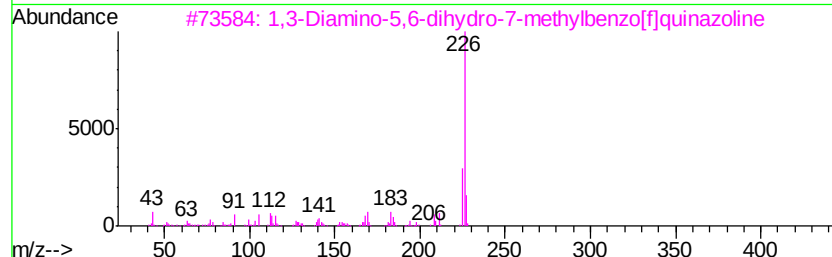
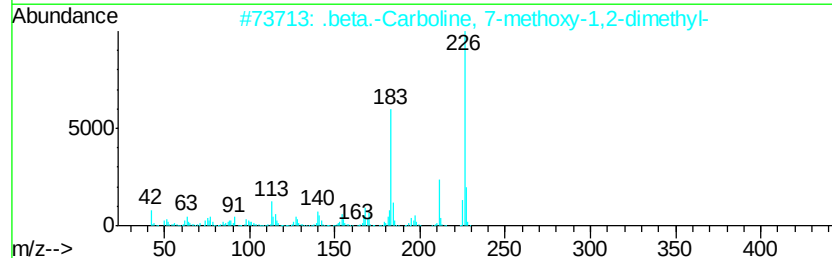
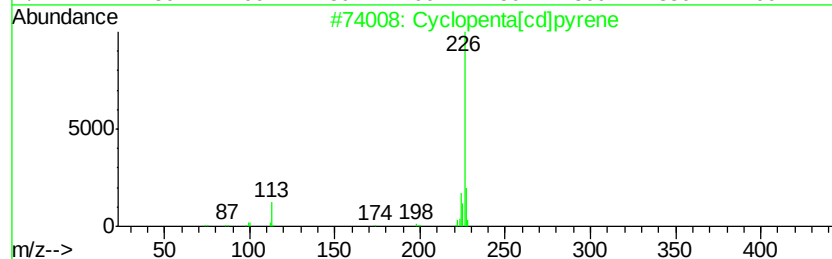
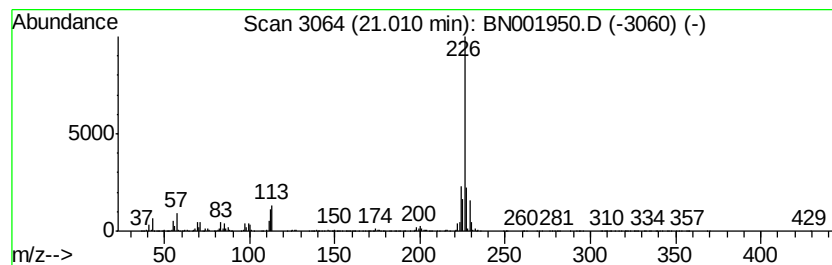
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	5.30 ng/ul	10960800	Chrysene-d12	21.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 70
2		.beta.-Carboline, 7-methoxy-1,2-...	226 C14H14N2O	006519-18-2 58
3		1,3-Diamino-5,6-dihydro-7-methyl...	226 C13H14N4	037436-37-6 50
4		Benzene, [4-(3-ethynylphenyl)-1,...	226 C18H10	1000115-87-3 47
5		9H-Xanthen-9-one, 3-methoxy-	226 C14H10O3	003722-52-9 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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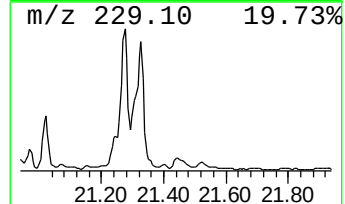
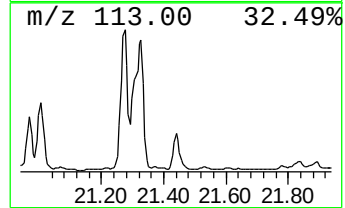
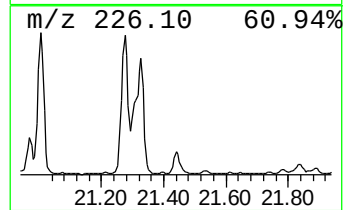
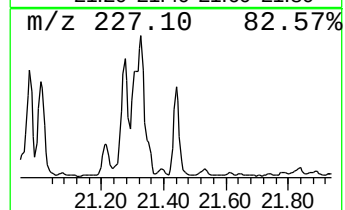
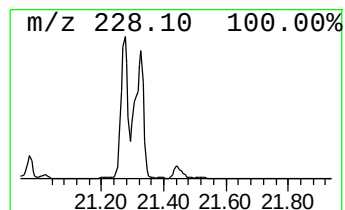
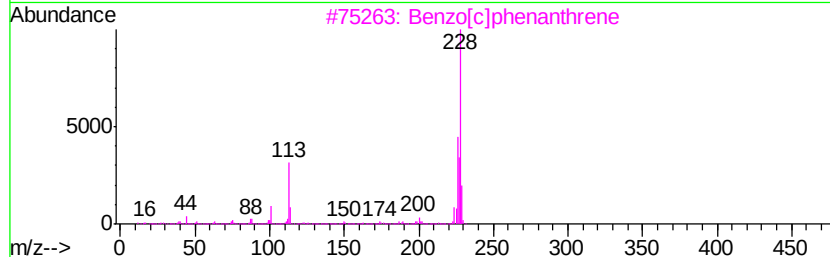
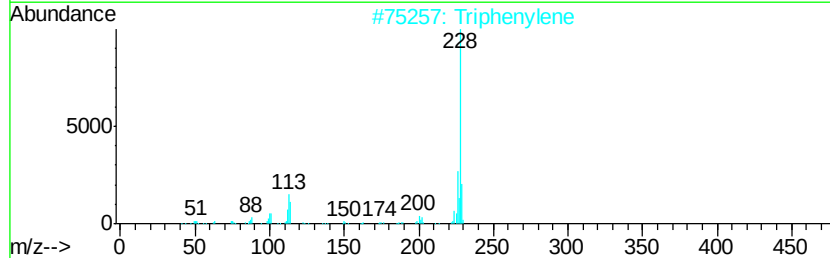
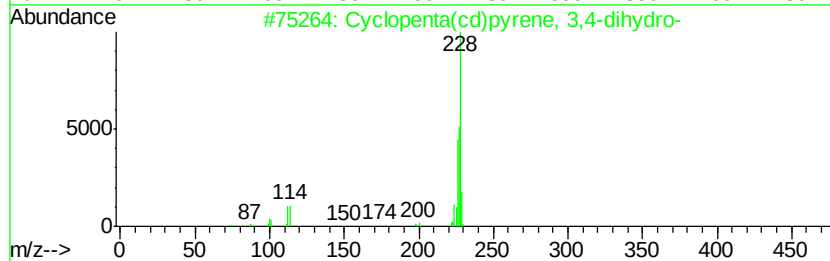
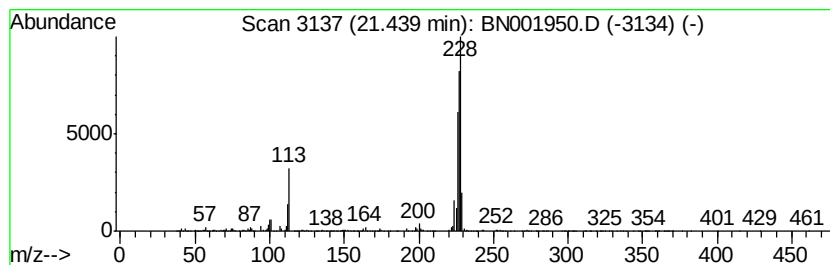
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.28 ng/ul	4707930	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	96
2		Triphenylene	228	C18H12	000217-59-4	89
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
4		1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	59
5		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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Misc :
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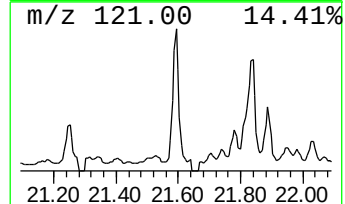
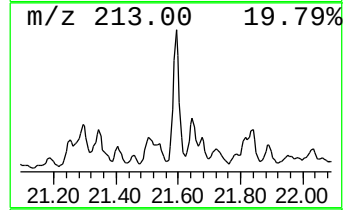
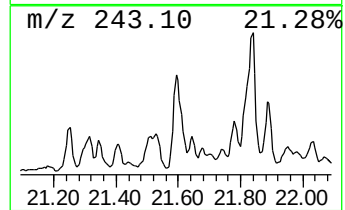
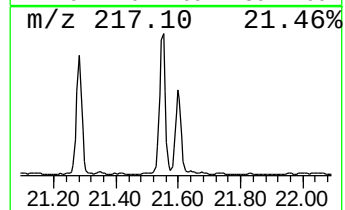
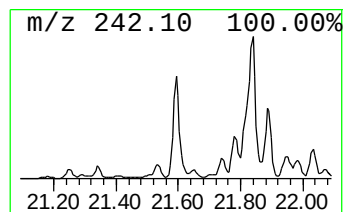
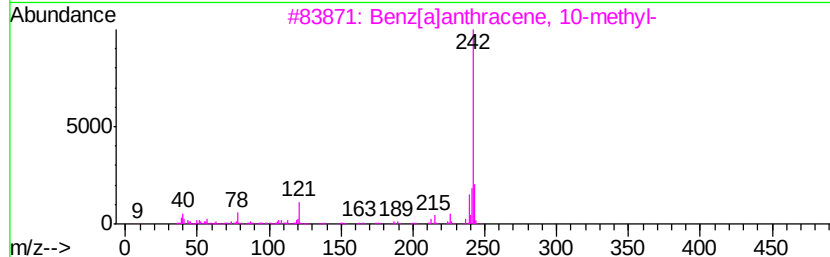
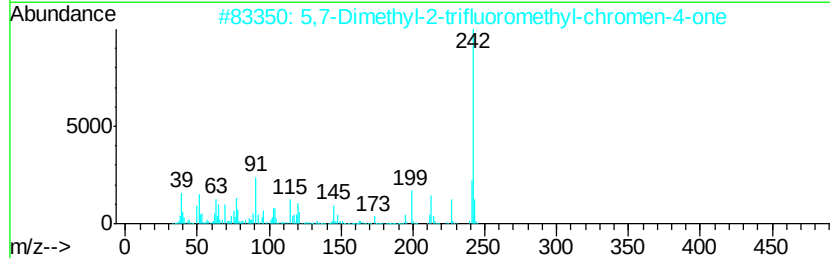
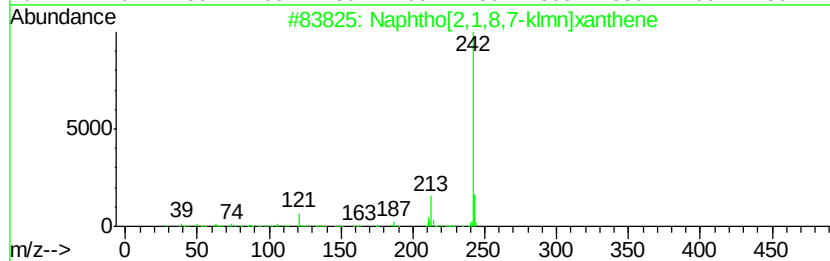
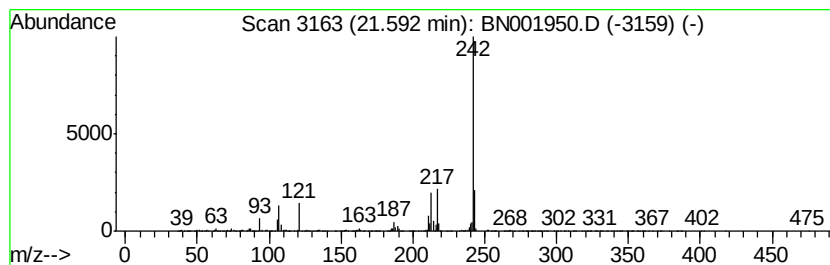
Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.66 ng/ul	5489120	Chrysene-d12	21.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphtho[2,1,8,7-klmn]xanthene	242 C18H10O	000191-37-7 81
2		5,7-Dimethyl-2-trifluoromethyl-c...	242 C12H9F3O2	000321-42-6 53
3		Benz[a]anthracene, 10-methyl-	242 C19H14	002381-15-9 50
4		1,3-Diamino-5,6-dihydro-7-methox...	242 C13H14N4O	037436-49-0 47
5		2,2'-(m-Phenylene)dithiophene	242 C14H10S2	104500-00-7 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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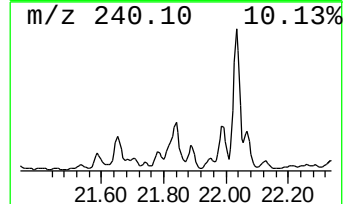
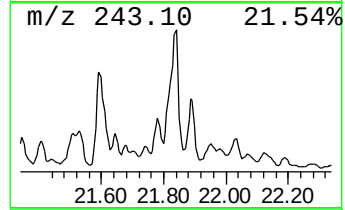
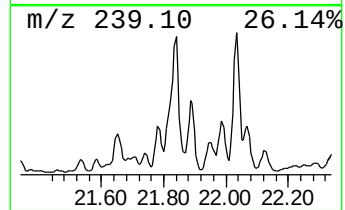
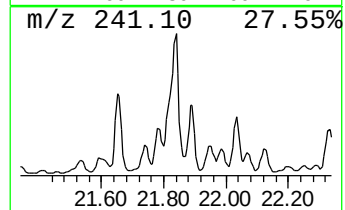
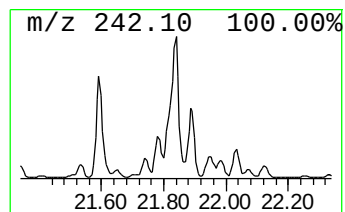
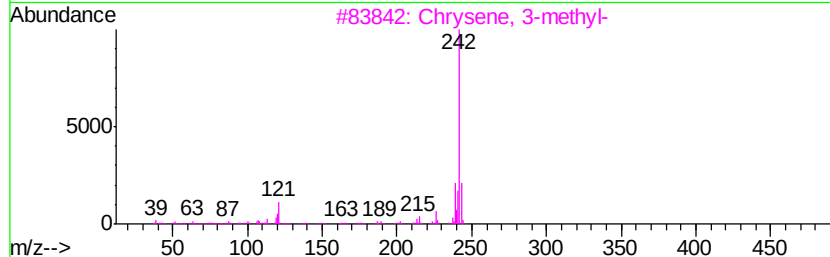
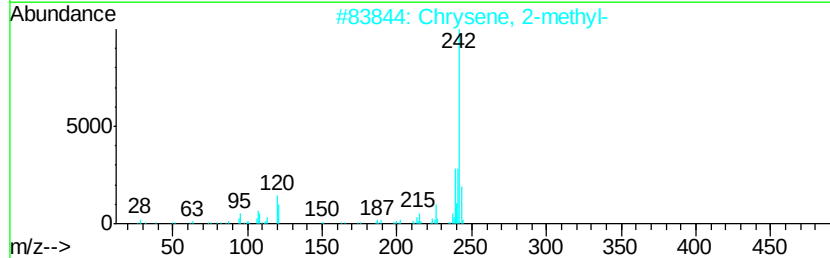
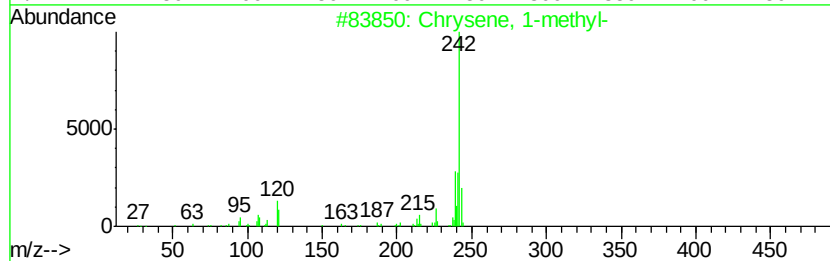
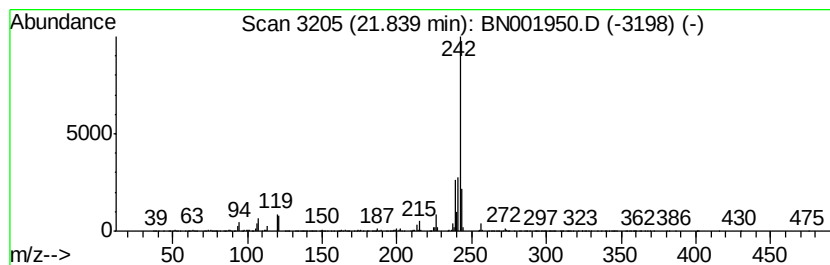
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Chrysene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	3.92 ng/ul	8100430	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2		Chrysene, 2-methyl-	242	C19H14	003351-32-4	95
3		Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
4		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
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Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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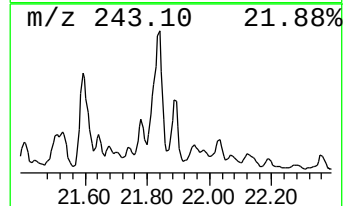
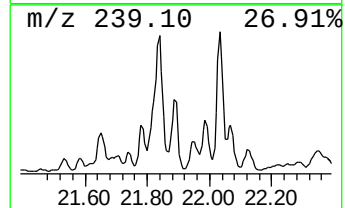
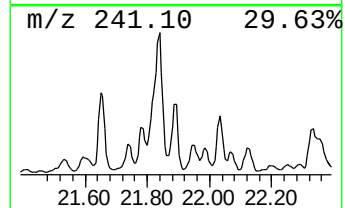
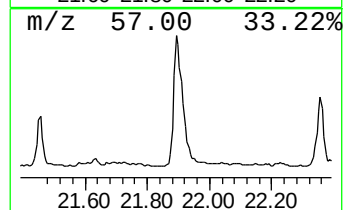
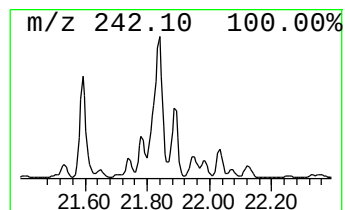
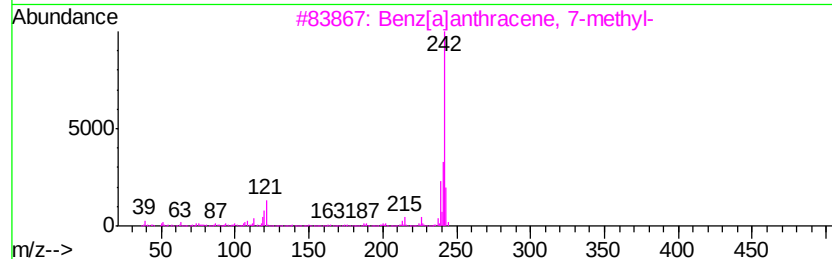
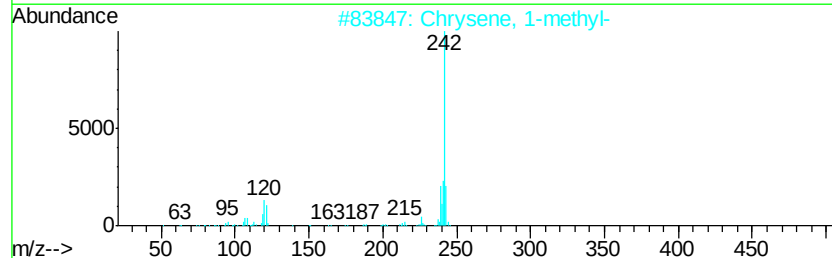
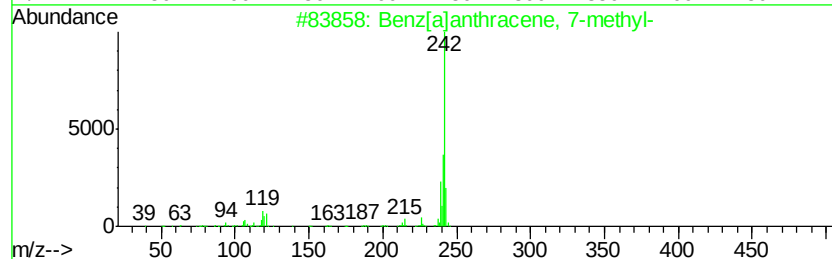
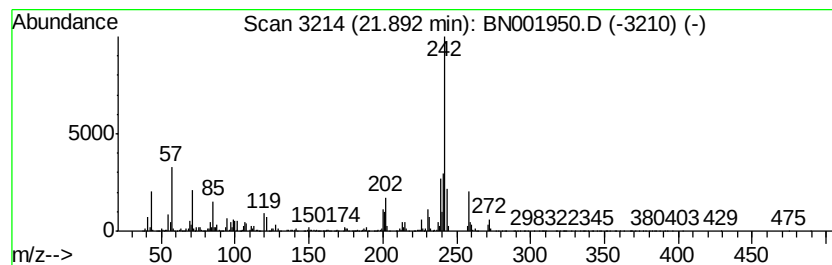
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Benz[a]anthracene, 7-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.93 ng/ul	6062600	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2		Chrysene, 1-methyl-	242	C19H14	003351-28-8	86
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86
4		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	83
5		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H23

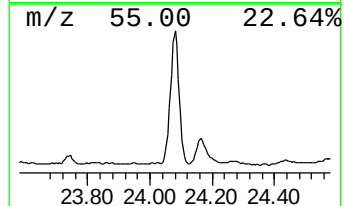
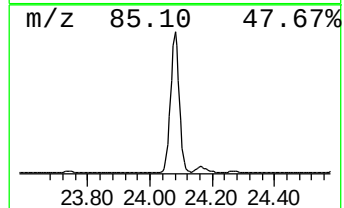
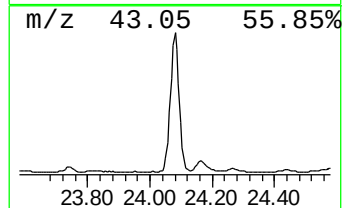
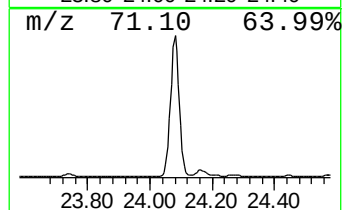
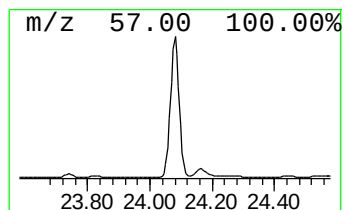
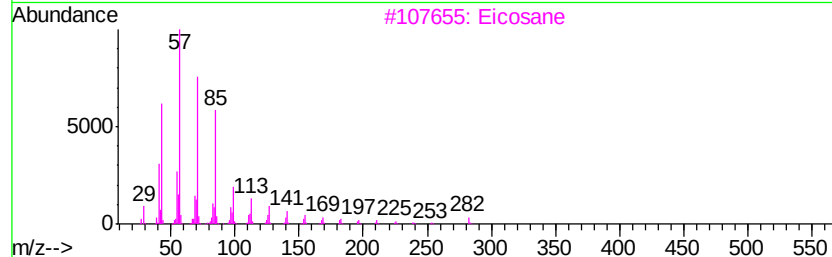
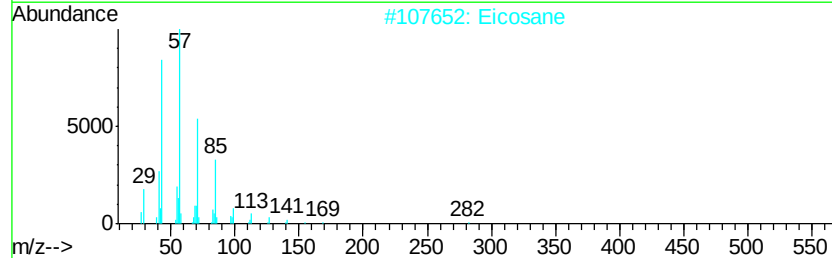
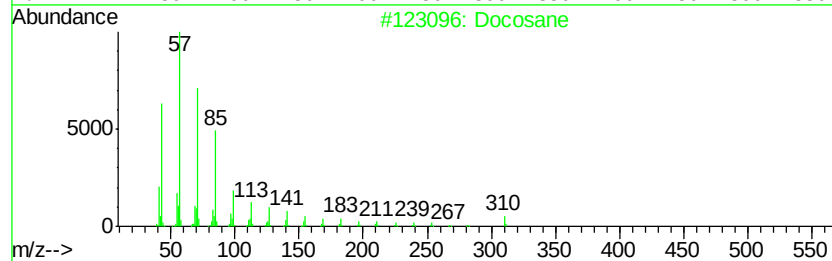
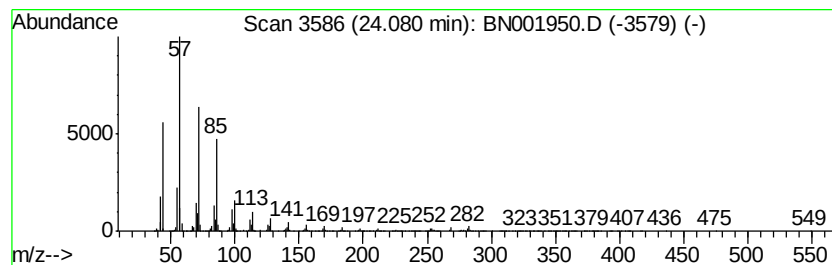
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	48.40 ng/ul	15519100	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	97
2		Eicosane	282	C20H42	000112-95-8	96
3		Eicosane	282	C20H42	000112-95-8	95
4		Nonadecane	268	C19H40	000629-92-5	95
5		Octadecane	254	C18H38	000593-45-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H23

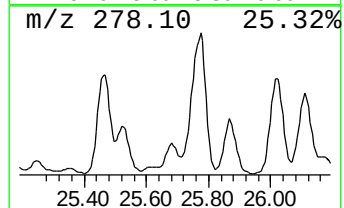
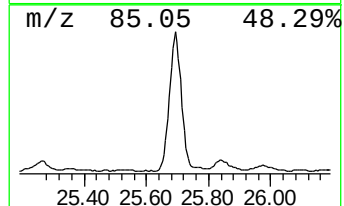
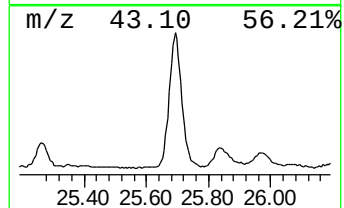
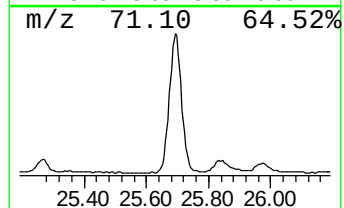
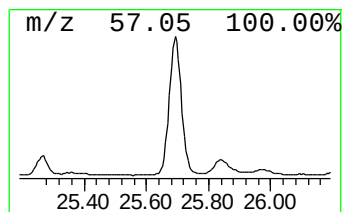
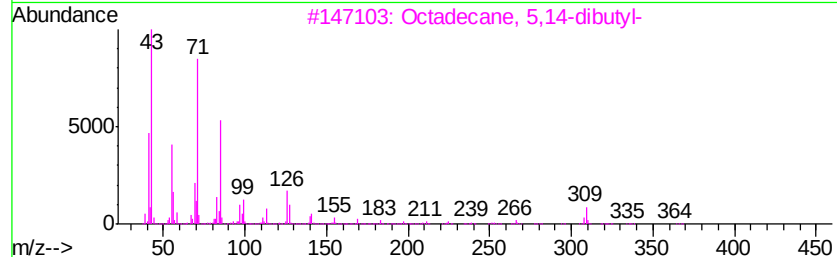
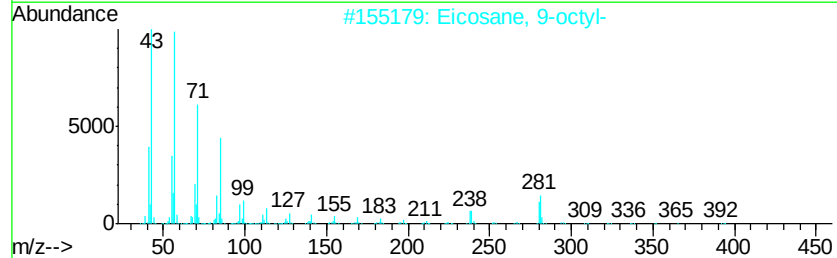
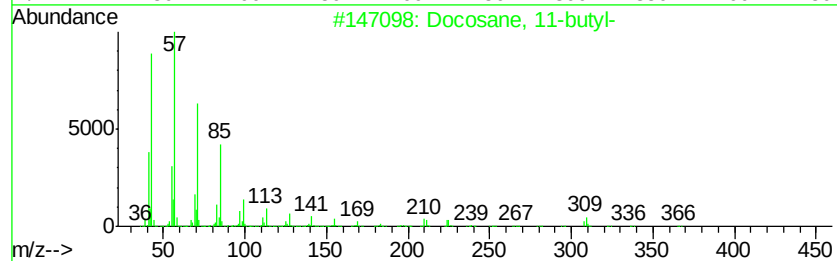
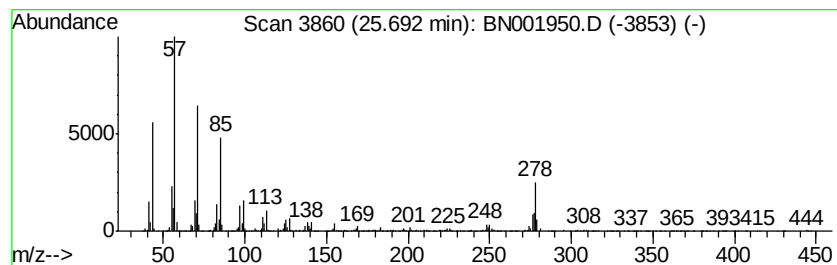
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	16.86 ng/ul	5404570	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	83
4		Octacosane	394	C28H58	000630-02-4	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001950.D
 Acq On : 03 Jul 2018 19:03
 Operator : JU/SJ
 Sample : J3721-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	24.7	ng/ul	5662720	1	7.71	4592940	20.0
1R-.alpha.-Pinene	6.42	16.2	ng/ul	3730210	1	7.71	4592940	20.0
1H-Cyclopenta[1,3...	13.22	3.2	ng/ul	1369940	3	14.34	8520820	20.0
Caryophyllene	13.67	46.2	ng/ul	19670700	3	14.34	8520820	20.0
Naphthalene, 1,2,...	14.42	3.8	ng/ul	1618850	3	14.34	8520820	20.0
Naphthalene, 1,2,...	14.60	4.0	ng/ul	1697330	3	14.34	8520820	20.0
Copaene	15.82	3.7	ng/ul	1957090	4	17.09	10491200	20.0
1(2H)-Acenaphthyl...	16.06	5.1	ng/ul	2656460	4	17.09	10491200	20.0
Pentadecanoic acid	17.00	2.2	ng/ul	1144600	4	17.09	10491200	20.0
Anthracene, 9-eth...	17.60	2.5	ng/ul	1287880	4	17.09	10491200	20.0
Hexadecenoic acid...	17.88	4.4	ng/ul	2297200	4	17.09	10491200	20.0
n-Hexadecanoic acid	18.00	11.8	ng/ul	6204980	4	17.09	10491200	20.0
Phenanthrene, 2-m...	18.09	2.4	ng/ul	1245490	4	17.09	10491200	20.0
4H-Cyclopenta[def...	18.16	3.3	ng/ul	1754470	4	17.09	10491200	20.0
Octadecane, 1-chl...	18.30	2.9	ng/ul	1494940	4	17.09	10491200	20.0
9,10-Anthracenedione	18.50	3.5	ng/ul	1838050	4	17.09	10491200	20.0
Phenanthrene, 2,5...	18.88	3.8	ng/ul	2011090	4	17.09	10491200	20.0
Phenanthrene, 3,6...	18.94	3.6	ng/ul	1906120	4	17.09	10491200	20.0
Cyclopenta(def)ph...	19.03	18.6	ng/ul	9731060	4	17.09	10491200	20.0
Pyrene, 1-methyl-	19.84	5.0	ng/ul	10365000	5	21.29	41330400	20.0
Pyrene, 4-methyl-	20.31	3.4	ng/ul	6935490	5	21.29	41330400	20.0
11H-Benzo[a]fluor...	20.76	3.5	ng/ul	7233270	5	21.29	41330400	20.0
Cinnamyl cinnamate	20.85	18.0	ng/ul	37284400	5	21.29	41330400	20.0
Benzo[b]naphtho[2...	20.93	3.7	ng/ul	7666950	5	21.29	41330400	20.0
Benzo[c]phenanthrene	20.97	2.5	ng/ul	5075250	5	21.29	41330400	20.0
Cyclopenta[cd]pyrene	21.01	5.3	ng/ul	10960800	5	21.29	41330400	20.0
Cyclopenta(cd)pyr...	21.44	2.3	ng/ul	4707930	5	21.29	41330400	20.0
Naphtho[2,1,8,7-k...	21.59	2.7	ng/ul	5489120	5	21.29	41330400	20.0
Chrysene, 1-methyl-	21.84	3.9	ng/ul	8100430	5	21.29	41330400	20.0
Benz[a]anthracene...	21.89	2.9	ng/ul	6062600	5	21.29	41330400	20.0
(DEL) Alkane: Str...	24.08	48.4	ng/ul	15519100	6	23.53	6412800	20.0
(DEL) Alkane: Str...	25.69	16.9	ng/ul	5404570	6	23.53	6412800	20.0