

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001985.D
 Acq On : 06 Jul 2018 12:17
 Operator : JU/SJ
 Sample : J3765-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H10

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	3.023	3	6	27	rVB	2938502	4304204	13.34%	0.772%
2	6.881	654	662	672	rBV	2474483	4197011	13.01%	0.753%
3	7.052	684	691	704	rBV	1980212	3040517	9.43%	0.546%
4	7.246	717	724	732	rVB	2541659	3972774	12.32%	0.713%
5	7.711	795	803	811	rBV	2164062	3518671	10.91%	0.631%
6	8.411	911	922	931	rBV	3116871	5024790	15.58%	0.902%
7	8.858	990	998	1008	rVB	2328976	3937518	12.21%	0.707%
8	9.569	1112	1119	1132	rBV	1987876	3314367	10.28%	0.595%
9	10.105	1202	1210	1221	rBV	3277751	5388878	16.71%	0.967%
10	10.481	1266	1274	1279	rBV	3215409	5490859	17.02%	0.985%
11	10.528	1279	1282	1289	rVV	690538	1149851	3.56%	0.206%
12	10.616	1289	1297	1313	rVV	2185006	3847288	11.93%	0.690%
13	12.146	1550	1557	1567	rVV	554441	919475	2.85%	0.165%
14	13.222	1735	1740	1752	rVB	480524	793842	2.46%	0.142%
15	13.663	1809	1815	1821	rVV	8578131	12572474	38.98%	2.256%
16	13.751	1824	1830	1834	rVV	5731011	7905792	24.51%	1.419%
17	13.798	1834	1838	1844	rVB	1189770	1646394	5.10%	0.295%
18	14.028	1869	1877	1888	rBV2	6180752	11575023	35.88%	2.077%
19	14.304	1916	1924	1926	rVV	2615514	3730883	11.57%	0.670%
20	14.340	1926	1930	1936	rVV2	4356558	6917865	21.45%	1.241%
21	14.410	1936	1942	1957	rVB3	485950	1422522	4.41%	0.255%
22	14.540	1957	1964	1970	rBV	2077915	3149400	9.76%	0.565%
23	14.604	1970	1975	1981	rVV	734864	1207346	3.74%	0.217%
24	14.734	1992	1997	2007	rVV	738950	1309834	4.06%	0.235%
25	15.334	2093	2099	2104	rBV	7631233	11456437	35.52%	2.056%
26	15.387	2104	2108	2113	rVV	1569526	2135733	6.62%	0.383%
27	15.451	2113	2119	2128	rVV	2184835	3066185	9.51%	0.550%
28	15.822	2174	2182	2191	rVB3	957214	1991793	6.17%	0.357%
29	16.057	2216	2222	2228	rBV3	423705	826661	2.56%	0.148%
30	16.740	2332	2338	2346	rVB	602397	971137	3.01%	0.174%
31	17.087	2390	2397	2400	rBV2	4881932	7638930	23.68%	1.371%
32	17.122	2400	2403	2408	rVV	4500470	6284644	19.48%	1.128%
33	17.187	2408	2414	2416	rVV	6768934	10853797	33.65%	1.948%
34	17.222	2416	2420	2425	rVV	20531084	29836580	92.50%	5.354%

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35	17.269	2425	2428	2439	rVB2	509930	863440	2.68%	0.155%
36	17.487	2457	2465	2470	rBV	7889300	11203269	34.73%	2.010%
37	17.957	2537	2545	2548	rBV2	367932	772357	2.39%	0.139%
38	17.998	2548	2552	2560	rVV2	3217505	4749048	14.72%	0.852%
39	18.086	2562	2567	2572	rVV	1623622	2413698	7.48%	0.433%
40	18.151	2573	2578	2582	rVV2	917259	1820698	5.64%	0.327%
41	18.186	2582	2584	2591	rVB	499199	710827	2.20%	0.128%
42	18.263	2592	2597	2600	rBV2	460222	810802	2.51%	0.146%
43	18.304	2600	2604	2609	rVV3	548149	1006730	3.12%	0.181%
44	18.498	2633	2637	2643	rVB	1790857	2524642	7.83%	0.453%
45	18.881	2697	2702	2707	rBV2	990997	1601149	4.96%	0.287%
46	18.939	2707	2712	2716	rBV3	458793	879567	2.73%	0.158%
47	19.022	2721	2726	2736	rVB	1974076	2951459	9.15%	0.530%
48	19.151	2741	2748	2756	rVV	18886633	28806925	89.31%	5.169%
49	19.281	2767	2770	2777	rVB3	1168454	2016621	6.25%	0.362%
50	19.486	2799	2805	2807	rBV2	9268122	15522893	48.12%	2.786%
51	19.516	2807	2810	2817	rVV	19443719	25779409	79.92%	4.626%
52	19.586	2817	2822	2829	rVB2	965082	1837847	5.70%	0.330%
53	19.692	2835	2840	2845	rBV	1058875	1615113	5.01%	0.290%
54	19.751	2845	2850	2855	rVB2	1068756	1803165	5.59%	0.324%
55	19.839	2859	2865	2871	rBV4	2306257	5787875	17.94%	1.039%
56	19.886	2871	2873	2877	rVB2	791098	895581	2.78%	0.161%
57	19.975	2883	2888	2892	rBV4	2056224	4742448	14.70%	0.851%
58	20.110	2907	2911	2914	rVB2	819746	976779	3.03%	0.175%
59	20.163	2914	2920	2925	rBV2	3012035	5453941	16.91%	0.979%
60	20.251	2931	2935	2940	rBV	602492	821033	2.55%	0.147%
61	20.310	2940	2945	2948	rBV	1893792	2755258	8.54%	0.494%
62	20.351	2949	2952	2957	rVB3	1096776	1754994	5.44%	0.315%
63	20.569	2985	2989	2992	rBV4	472241	895676	2.78%	0.161%
64	20.680	3004	3008	3012	rBV3	1032521	1454250	4.51%	0.261%
65	20.757	3017	3021	3027	rVV	3883256	5739036	17.79%	1.030%
66	20.845	3031	3036	3041	rVV	21230972	25960199	80.48%	4.659%
67	20.928	3043	3050	3053	rVV3	2949834	5760729	17.86%	1.034%
68	20.969	3053	3057	3060	rVV	2740840	4037320	12.52%	0.725%
69	21.004	3060	3063	3068	rVV2	3210551	5867447	18.19%	1.053%
70	21.057	3068	3072	3081	rVB2	2574234	4011992	12.44%	0.720%
71	21.275	3100	3109	3114	rBV3	13297685	29457441	91.32%	5.286%

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72	21.322	3114	3117	3127	rVB	11838181	17429686	54.03%	3.128%
73	21.451	3134	3139	3143	rBV2	1175600	2195701	6.81%	0.394%
74	21.545	3151	3155	3159	rVB	3084749	4181818	12.96%	0.750%
75	21.592	3159	3163	3168	rBV2	1788091	2799911	8.68%	0.502%
76	21.645	3168	3172	3176	rVV2	992731	1350764	4.19%	0.242%
77	21.780	3192	3195	3198	rBV	622332	797849	2.47%	0.143%
78	21.833	3198	3204	3209	rVV2	2525715	4056657	12.58%	0.728%
79	21.886	3209	3213	3217	rVV2	2112469	2869104	8.89%	0.515%
80	21.957	3222	3225	3232	rVB3	997441	1736546	5.38%	0.312%
81	22.027	3233	3237	3240	rBV2	1284417	1691614	5.24%	0.304%
82	22.133	3250	3255	3264	rVB4	1014329	1934347	6.00%	0.347%
83	22.304	3277	3284	3289	rBV3	993432	2196012	6.81%	0.394%
84	22.351	3289	3292	3300	rVB6	950787	1690232	5.24%	0.303%
85	22.586	3327	3332	3346	rVB3	1641379	4449787	13.80%	0.799%
86	22.716	3349	3354	3359	rVB2	948660	1716244	5.32%	0.308%
87	22.857	3370	3378	3383	rBV2	13418137	32256310	100.00%	5.788%
88	23.022	3401	3406	3412	rVB	2172549	3471580	10.76%	0.623%
89	23.151	3424	3428	3437	rBV2	834639	2181857	6.76%	0.392%
90	23.333	3452	3459	3463	rBV	5982020	11448940	35.49%	2.055%
91	23.380	3463	3467	3470	rVV	3974052	6742065	20.90%	1.210%
92	23.422	3470	3474	3481	rVB	6345475	11638313	36.08%	2.089%
93	23.516	3483	3490	3494	rBV	2774631	5429151	16.83%	0.974%
94	23.569	3494	3499	3507	rVB2	2107397	4714189	14.61%	0.846%
95	24.069	3578	3584	3593	rVB2	1331900	2852684	8.84%	0.512%
96	25.074	3750	3755	3760	rBV3	418788	816049	2.53%	0.146%
97	25.510	3824	3829	3837	rVB3	1027931	2543459	7.89%	0.456%
98	25.751	3862	3870	3883	rVB2	3891148	12730781	39.47%	2.285%
99	26.063	3915	3923	3936	rVB	3840617	11420310	35.40%	2.049%
100	26.433	3977	3986	4003	rVB	1952114	6445949	19.98%	1.157%

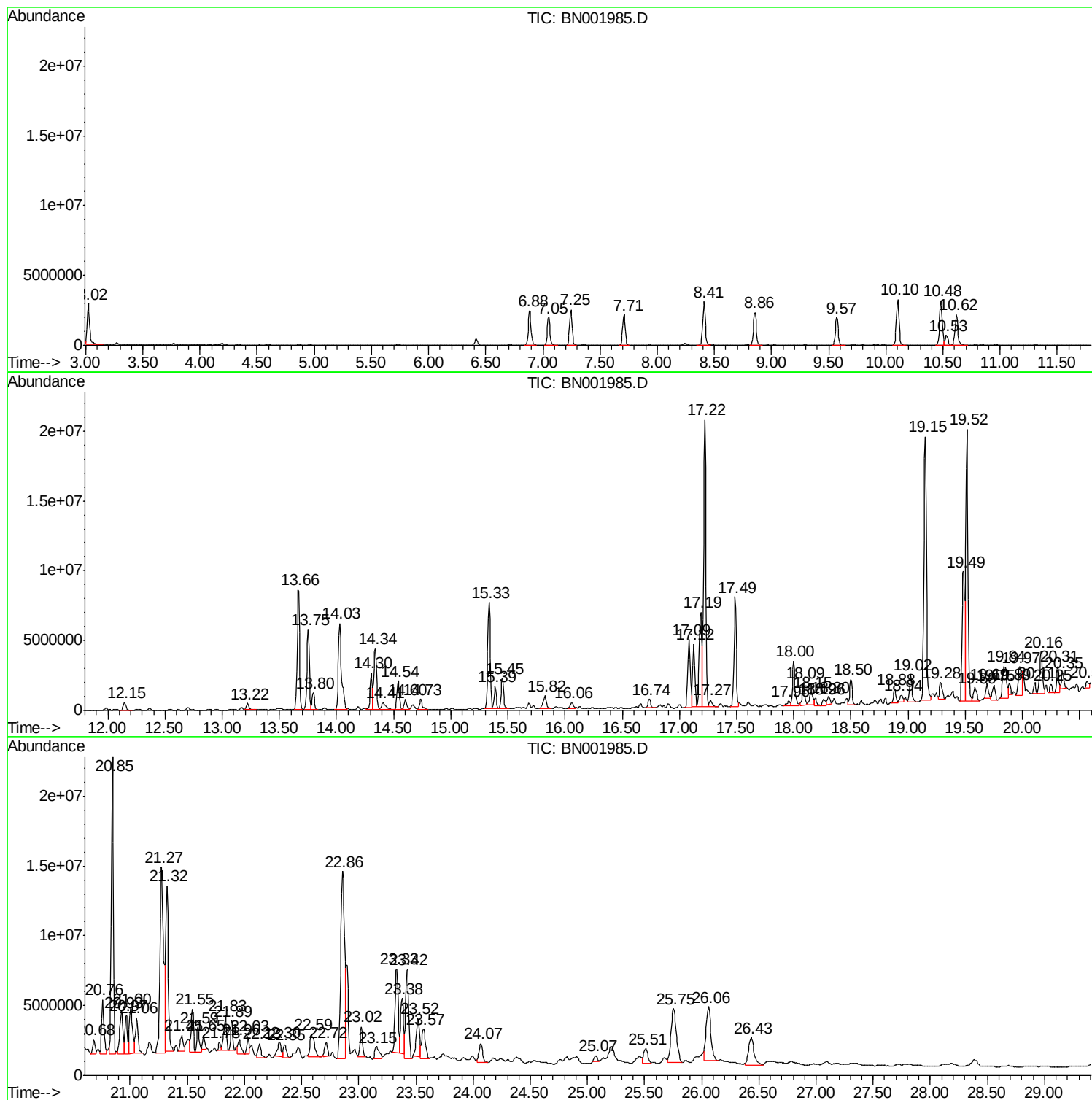
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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



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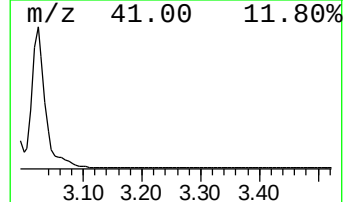
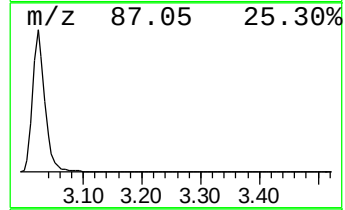
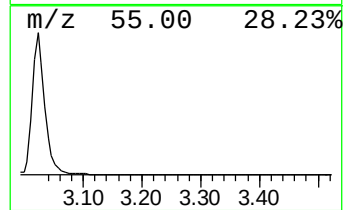
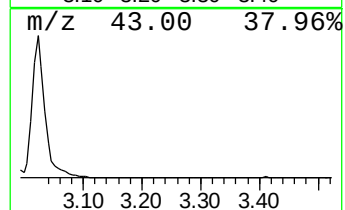
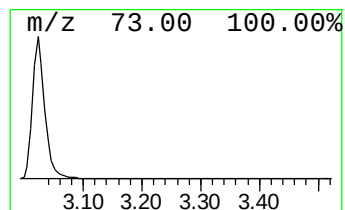
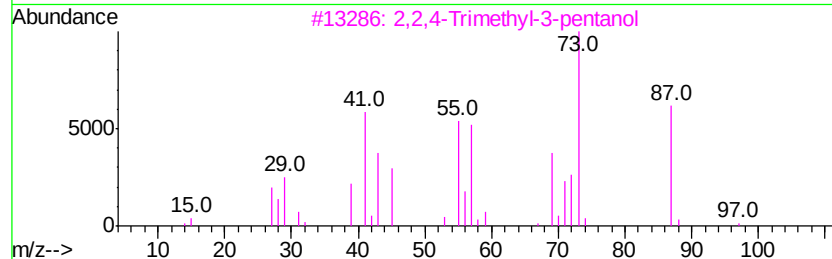
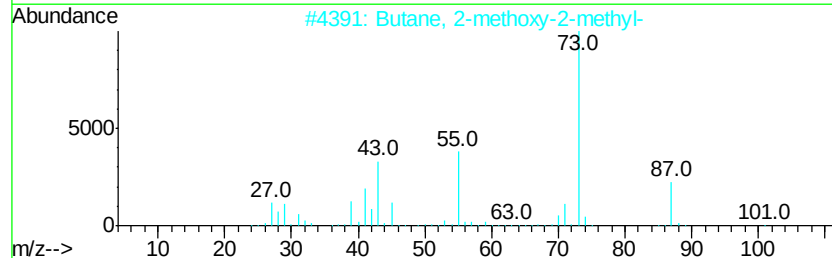
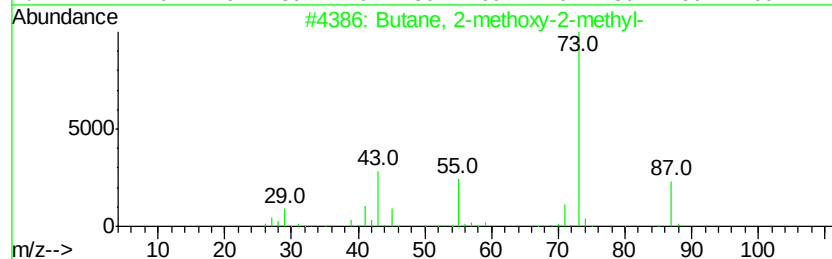
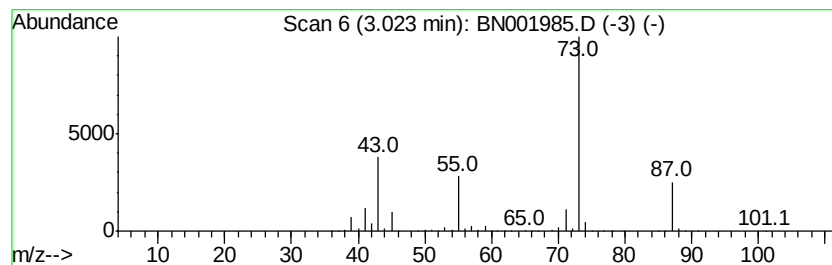
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	24.46 ng/ul	4304200	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	50
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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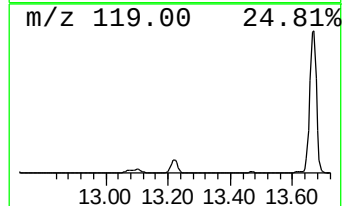
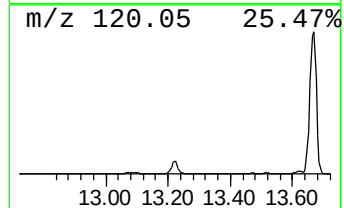
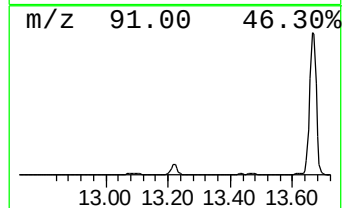
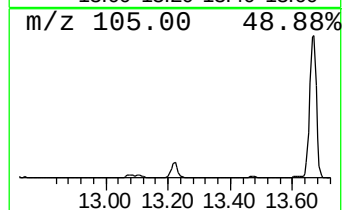
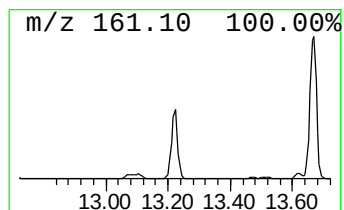
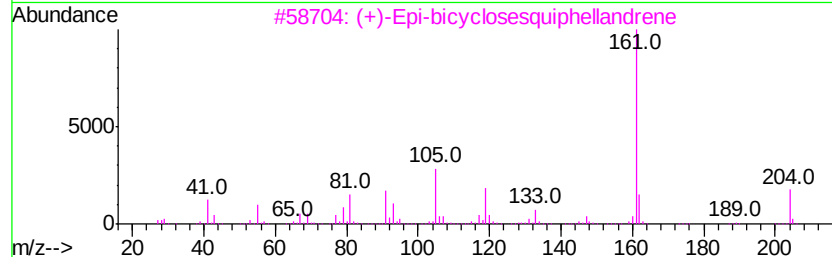
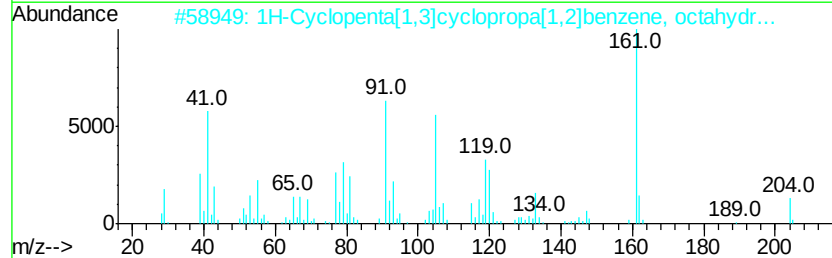
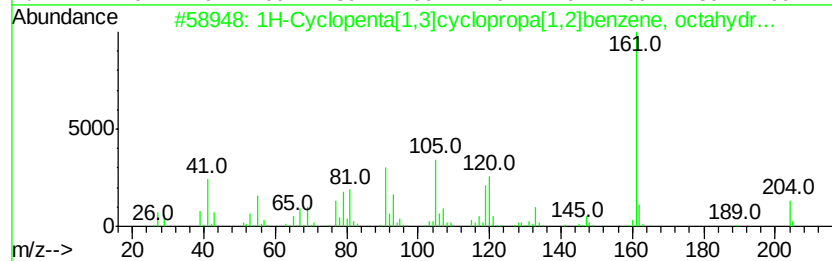
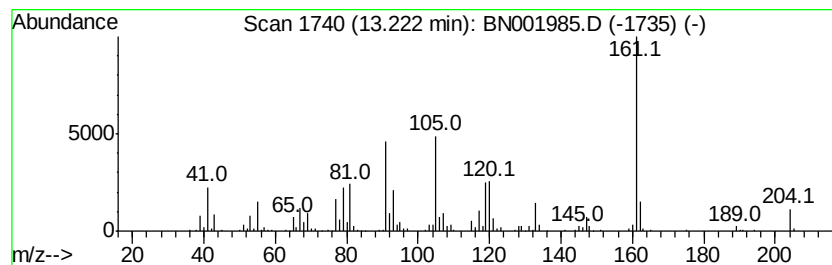
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.30 ng/ul	793842	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Cyclopenta[1,3]cyclopropa[1,2]...	204 C15H24	013744-15-5 98
2		1H-Cyclopenta[1,3]cyclopropa[1,2]...	204 C15H24	013744-15-5 96
3		(+)-Epi-bicyclosquiphellandrene	204 C15H24	054324-03-7 95
4		1,6-Cyclodecadiene, 1-methyl-5-m...	204 C15H24	023986-74-5 93
5		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204 C15H24	150320-52-8 93



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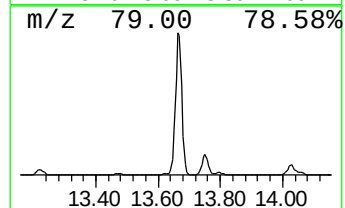
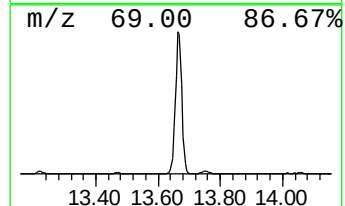
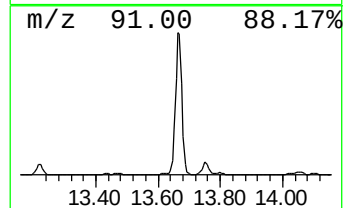
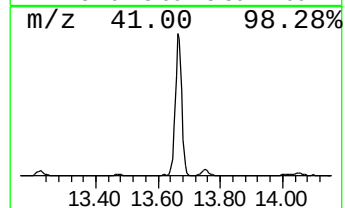
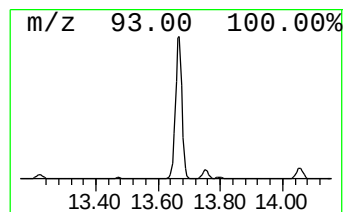
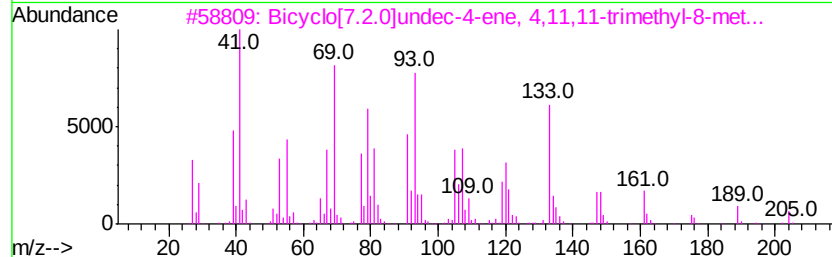
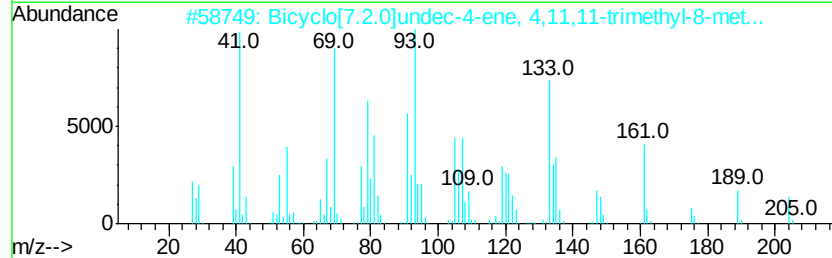
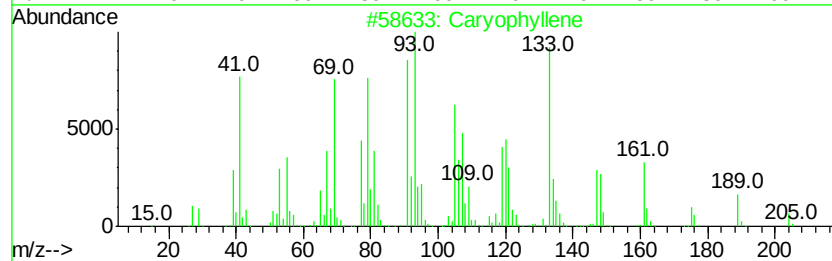
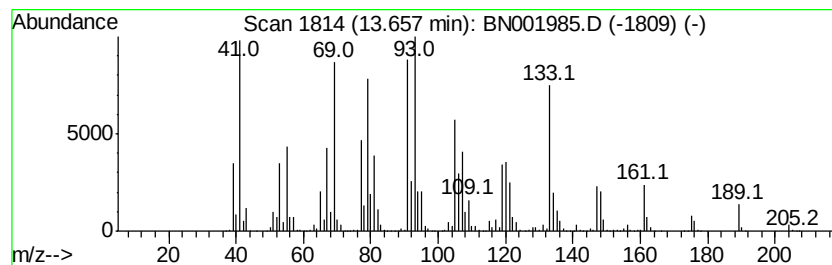
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Caryophyllene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	36.35 ng/ul	12572500	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 94
2		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 93
3		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 91
4		Caryophyllene	204 C15H24	000087-44-5 91
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

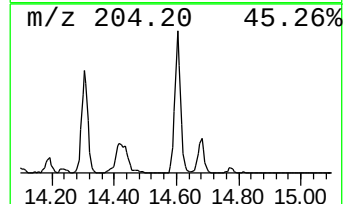
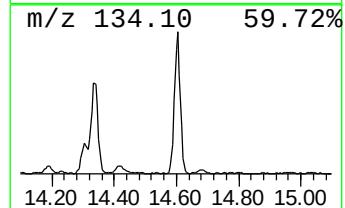
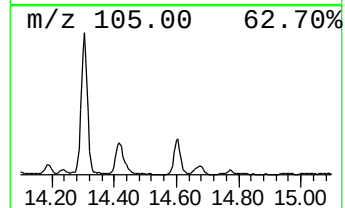
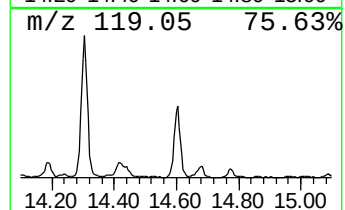
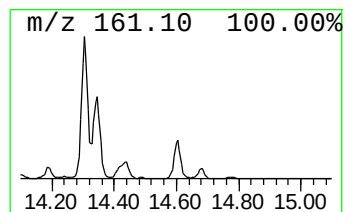
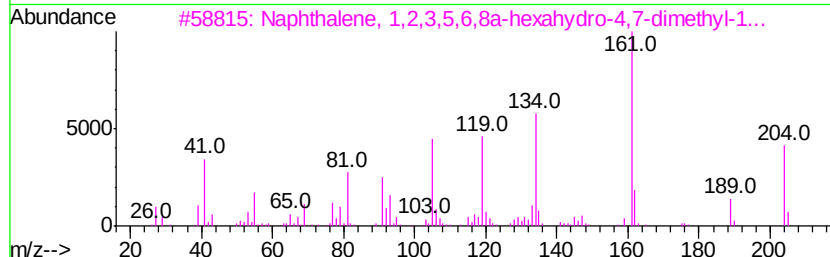
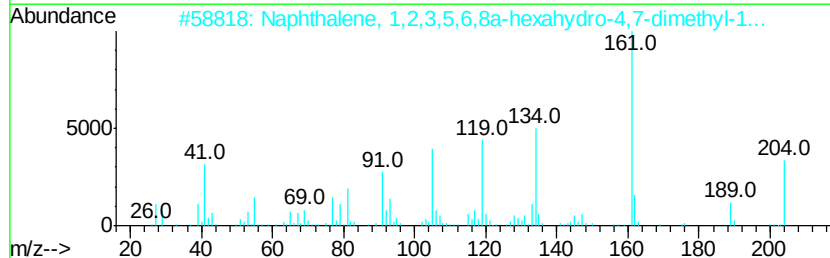
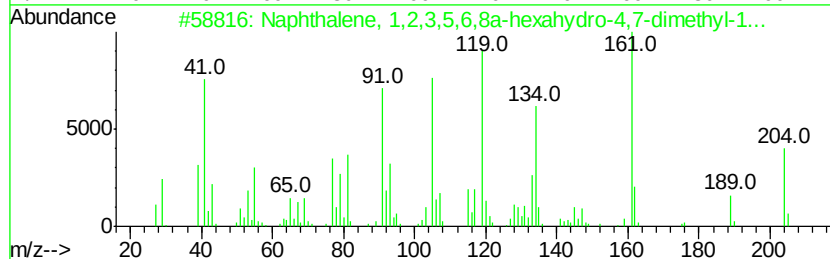
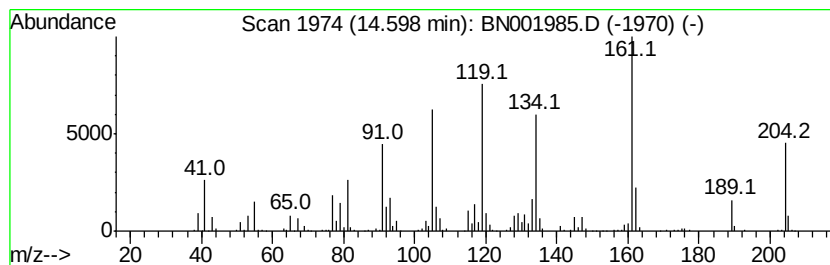
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,5,6,8a-h... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.49 ng/ul	1207350	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,2,3,5,6,8a-hexahy...	204 C15H24	000483-76-1	94
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, 1,2,3,5,6,8a-hexahy...	204 C15H24	000483-76-1	91
5	Naphthalene, 1,2,3,4,4a,7-hexahy...	204 C15H24	016728-99-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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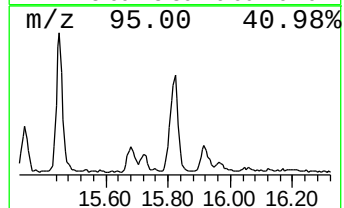
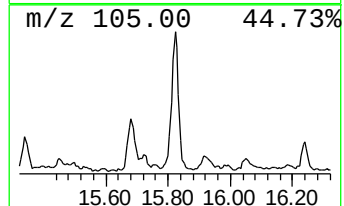
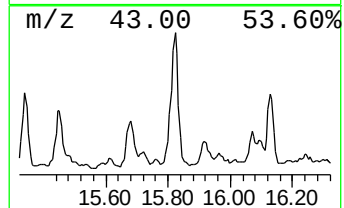
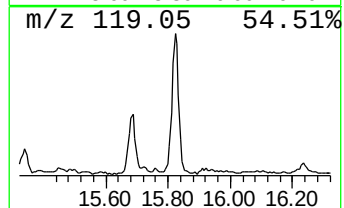
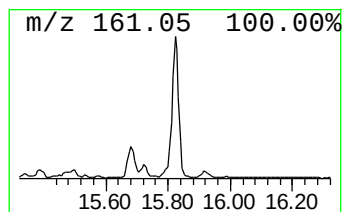
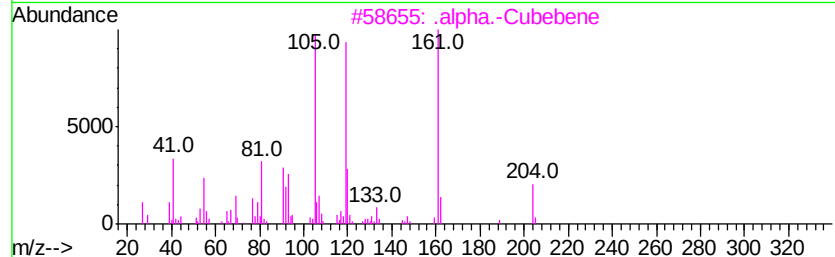
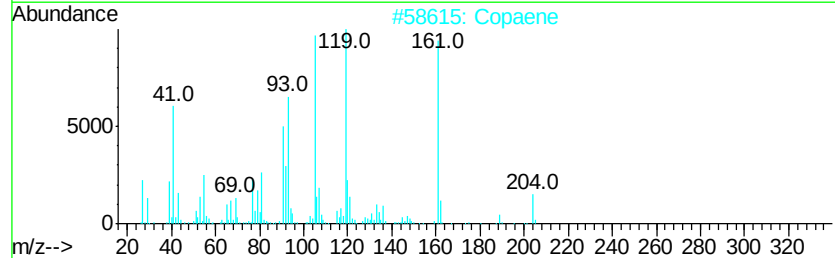
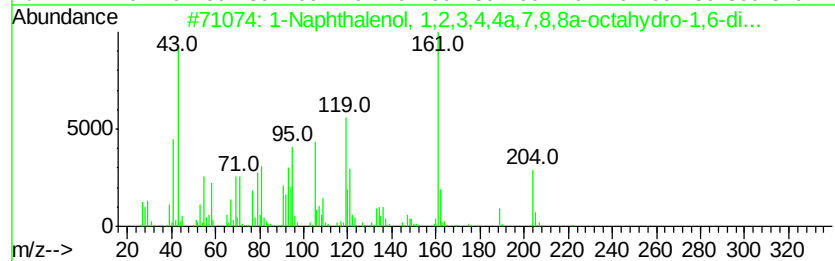
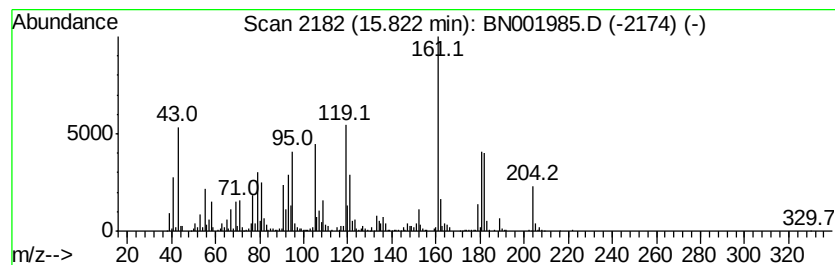
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Naphthalenol, 1,2,3,4,4a,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.82	5.21 ng/ul	1991790	Phenanthrene-d10	17.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 1,2,3,4,4a,7,8,8...	222	C15H26O	019435-97-3	93	
2	Copaene	204	C15H24	003856-25-5	90	
3	.alpha.-Cubebene	204	C15H24	017699-14-8	90	
4	Copaene	204	C15H24	003856-25-5	83	
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	66	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
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Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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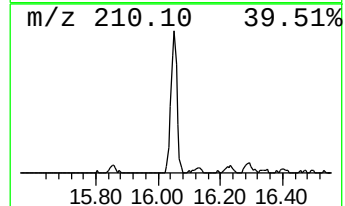
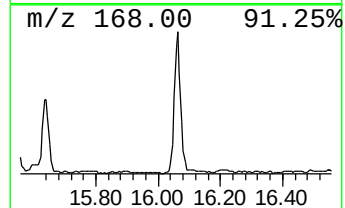
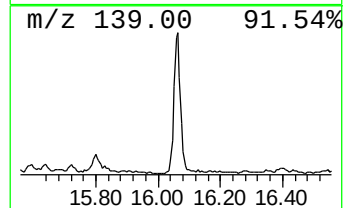
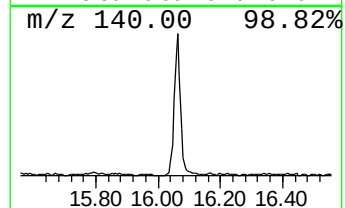
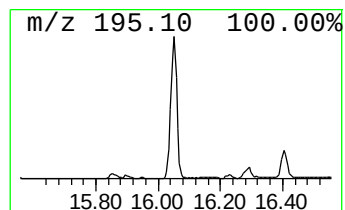
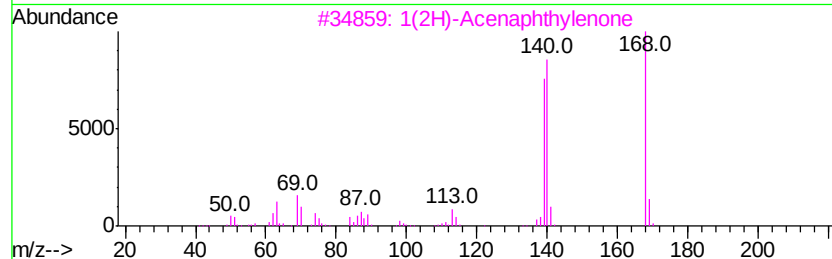
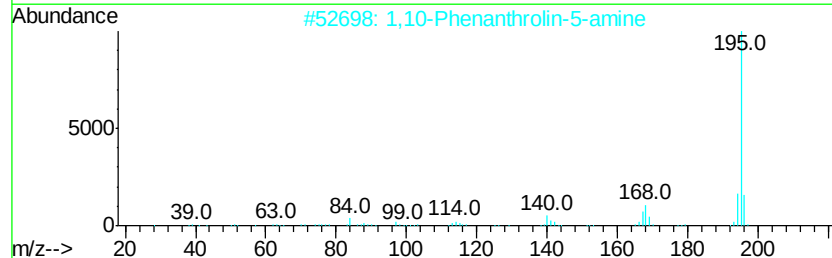
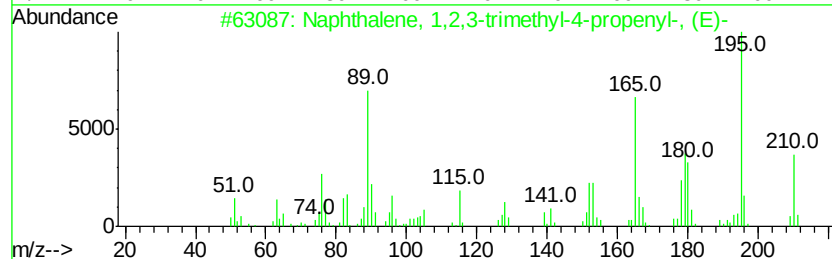
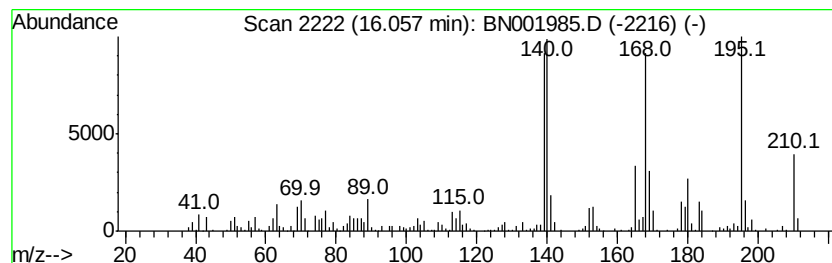
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3-trimethy... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.16 ng/ul	826661	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	53
2			1,10-Phenanthroline-5-amine	195	C12H9N3	054258-41-2	46
3			1(2H)-Acenaphthylene	168	C12H8O	002235-15-6	41
4			4-Aminobenzof[quinoxaline	195	C12H9N3	033987-04-1	38
5			Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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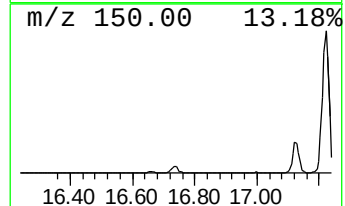
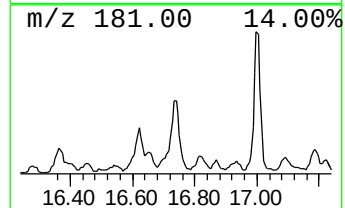
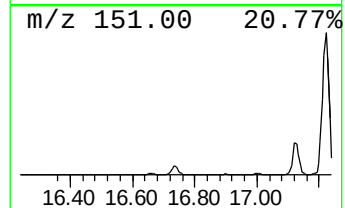
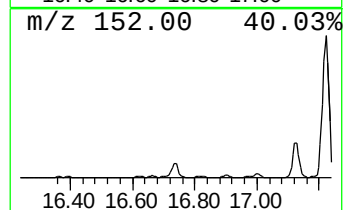
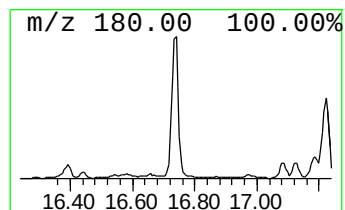
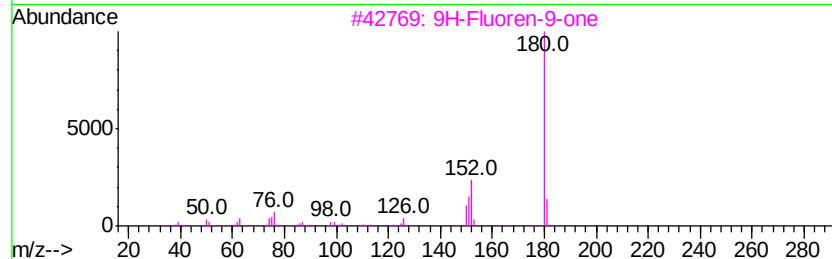
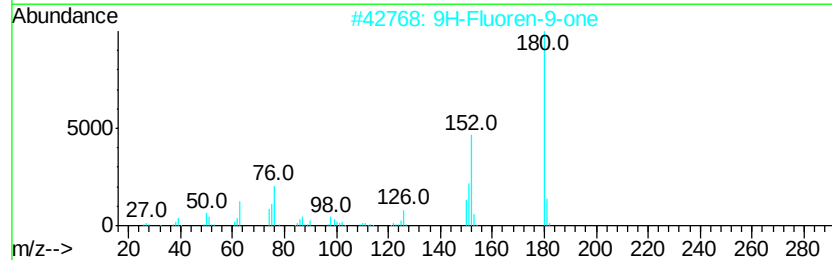
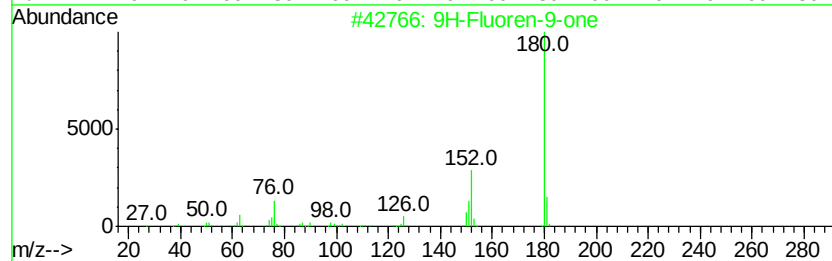
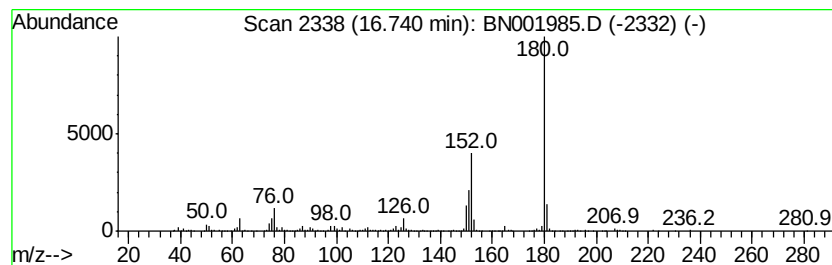
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9H-Fluoren-9-one Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.54 ng/ul	971137	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
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Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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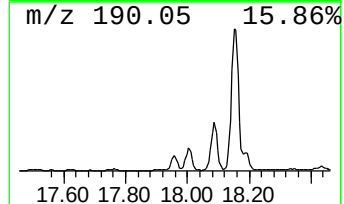
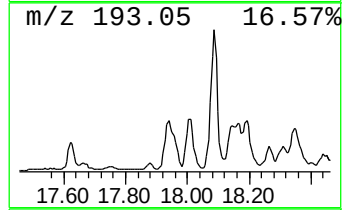
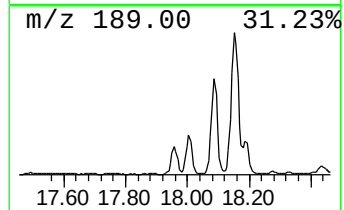
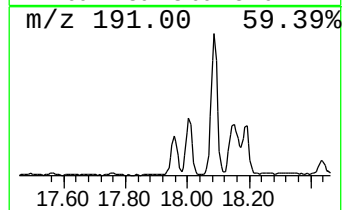
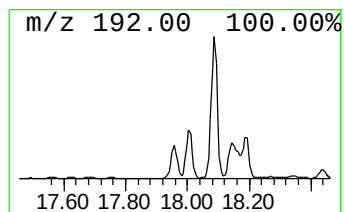
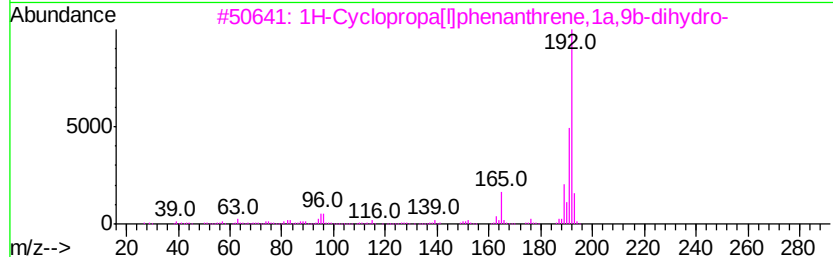
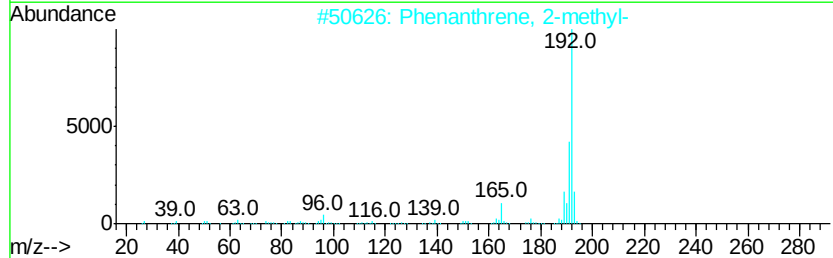
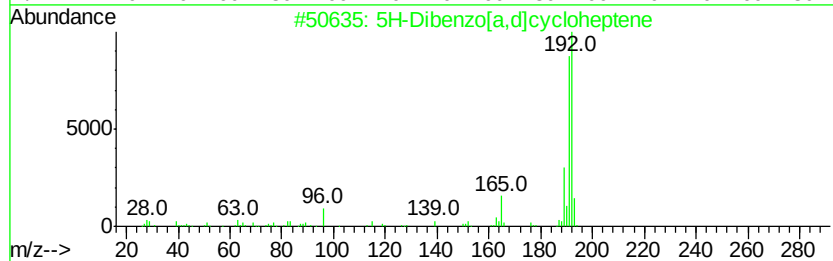
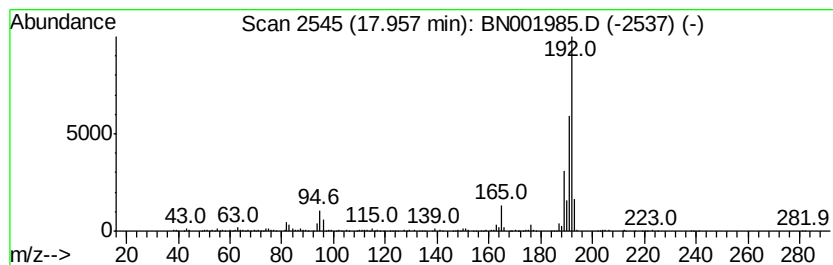
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 5H-Dibenzo[a,d]cycloheptene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.02 ng/ul	772357	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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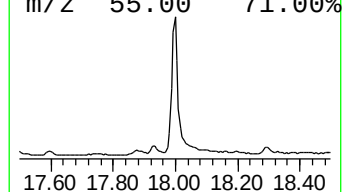
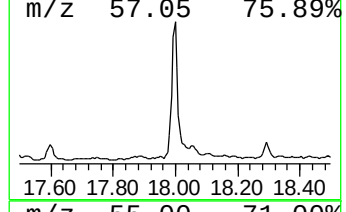
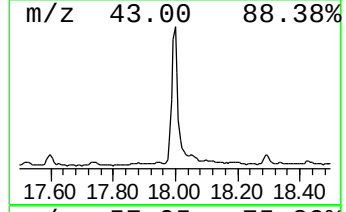
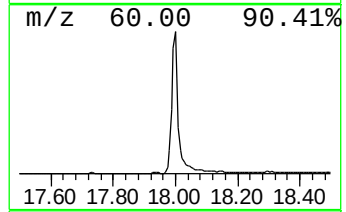
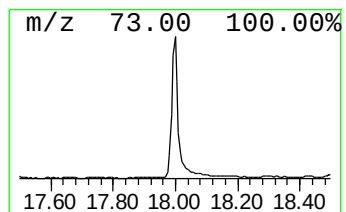
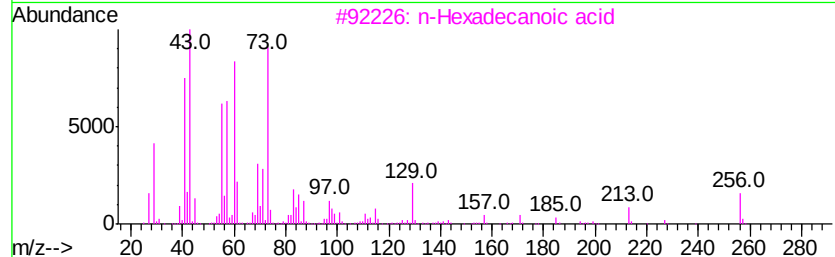
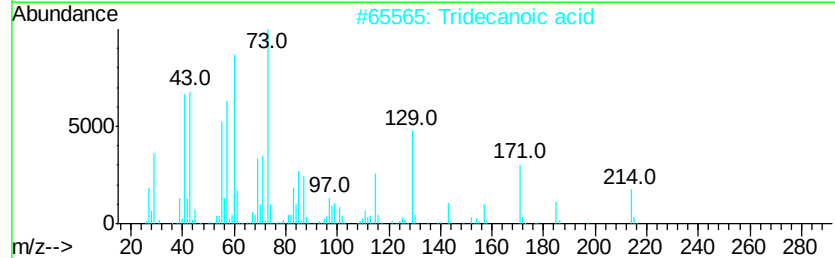
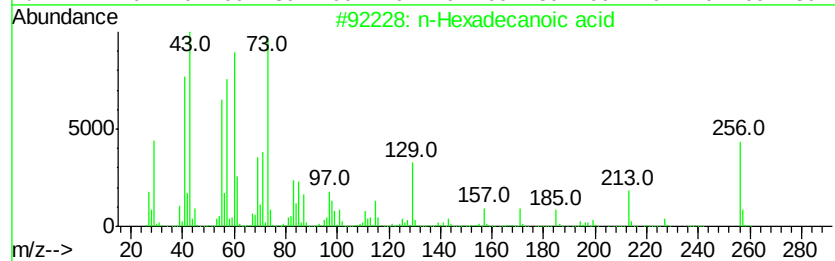
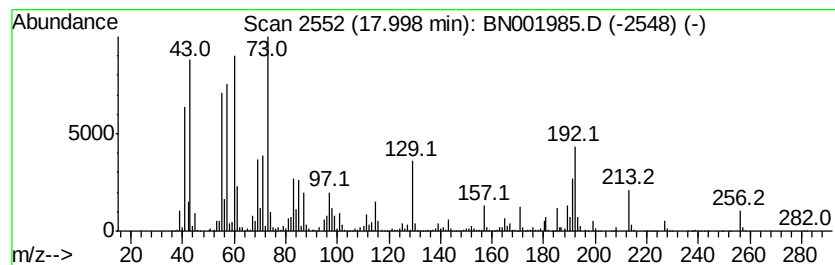
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	12.43 ng/ul	4749050	Phenanthrene-d10	17.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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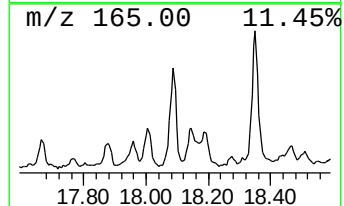
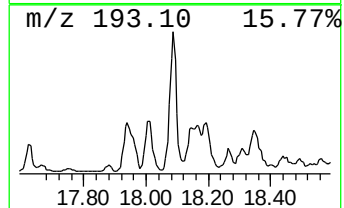
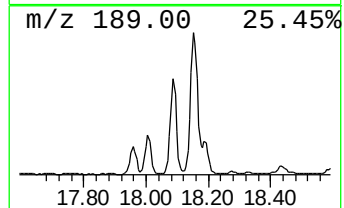
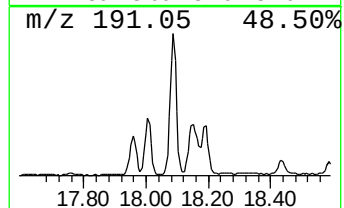
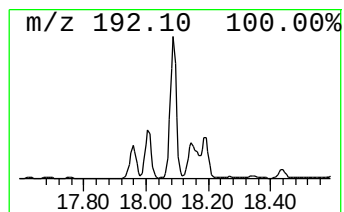
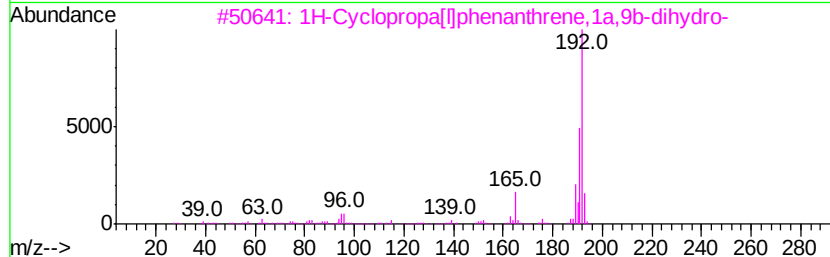
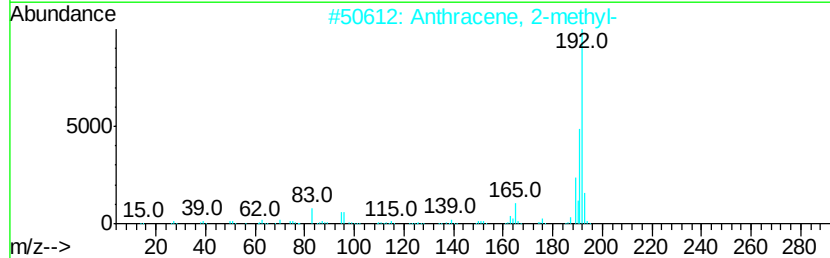
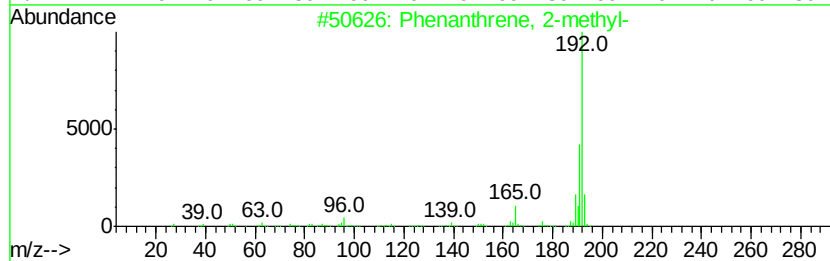
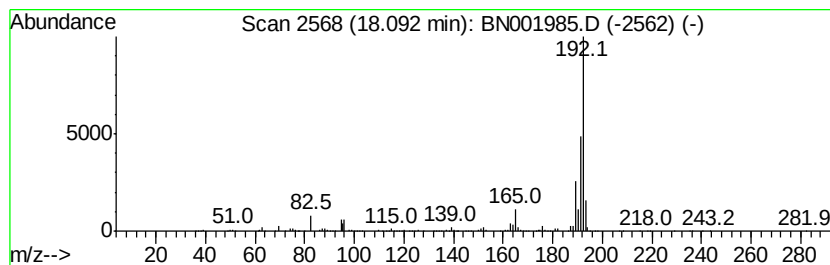
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	6.32 ng/ul	2413700	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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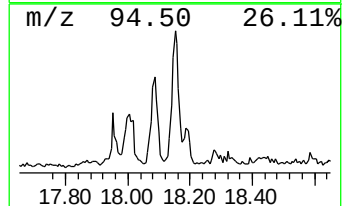
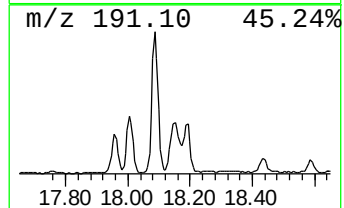
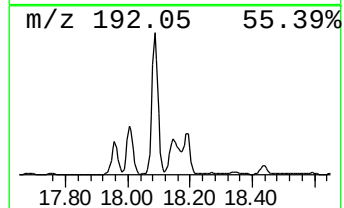
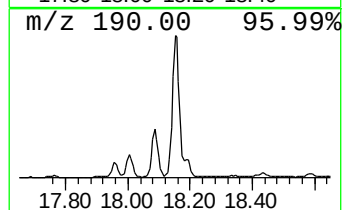
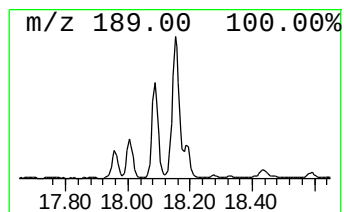
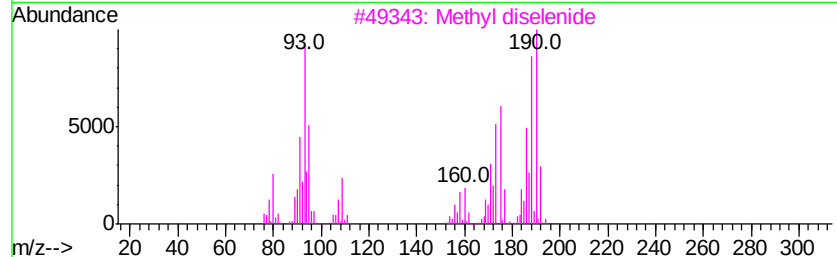
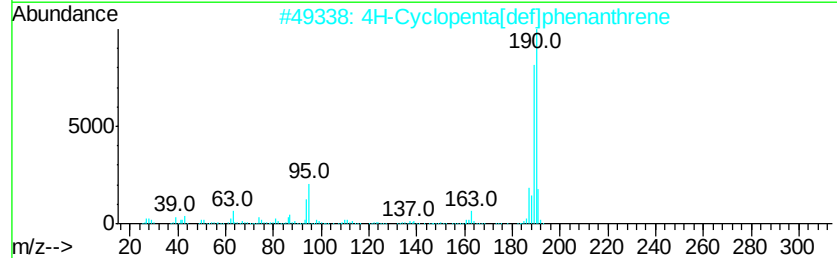
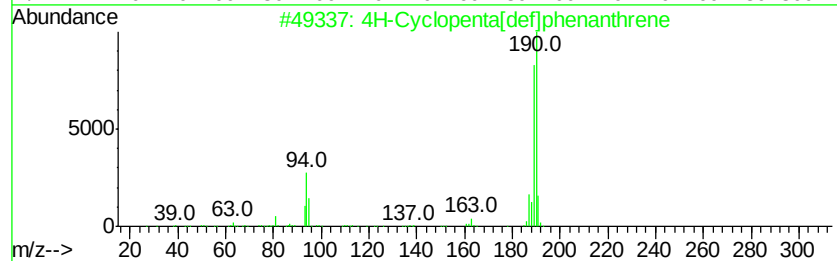
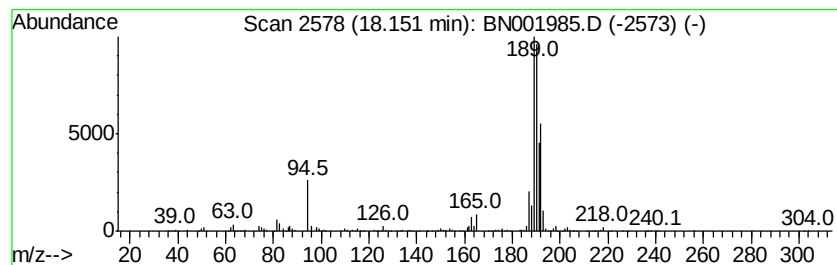
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.77 ng/ul	1820700	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			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3			Methyl diselenide	190	C2H6Se2	007101-31-7	45
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
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Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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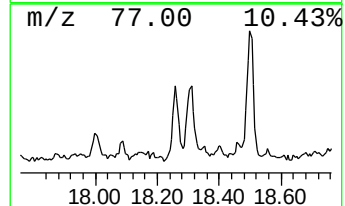
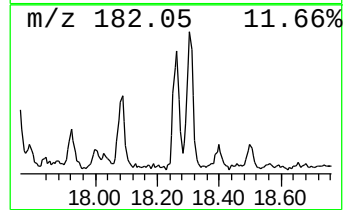
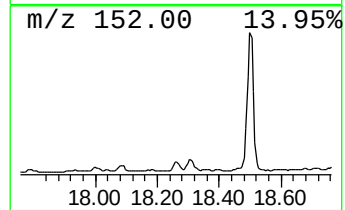
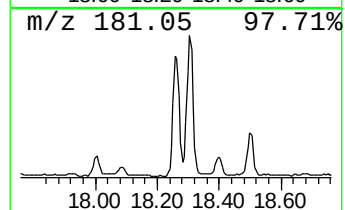
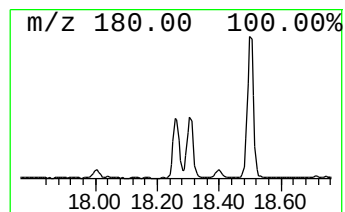
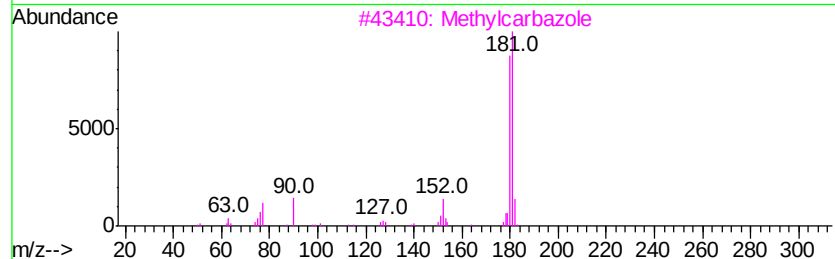
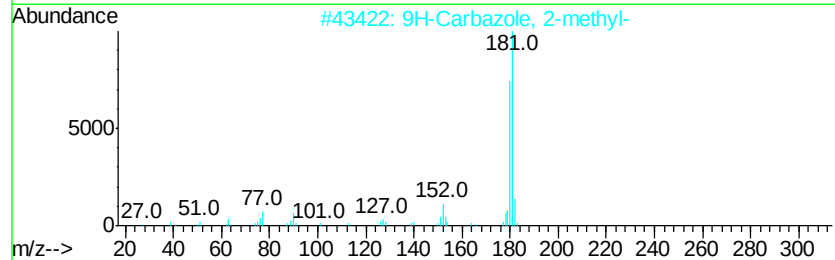
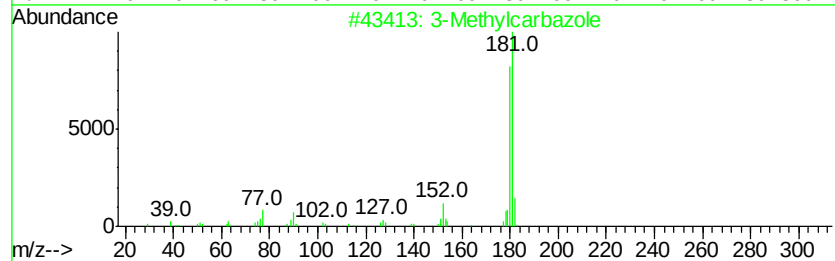
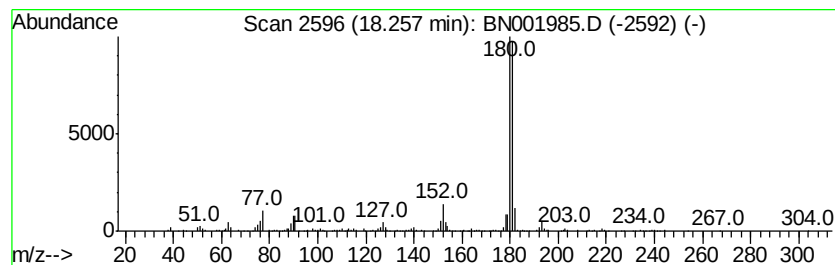
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 3-Methylcarbazole Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.12 ng/ul	810802	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2		9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
3		Methylcarbazole	181	C13H11N	027323-29-1	96
4		4-Methylcarbazole	181	C13H11N	003770-48-7	96
5		3-Methylcarbazole	181	C13H11N	004630-20-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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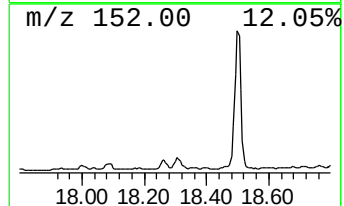
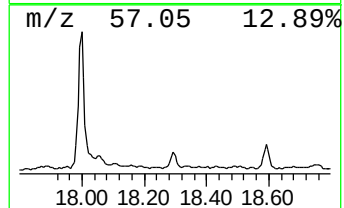
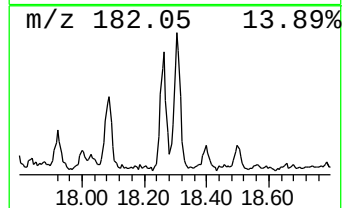
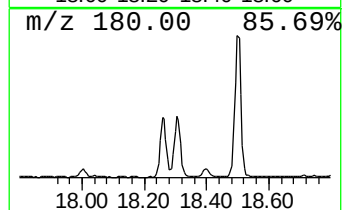
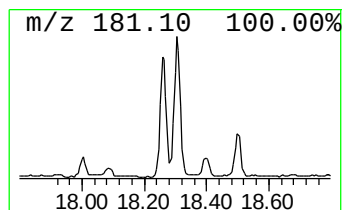
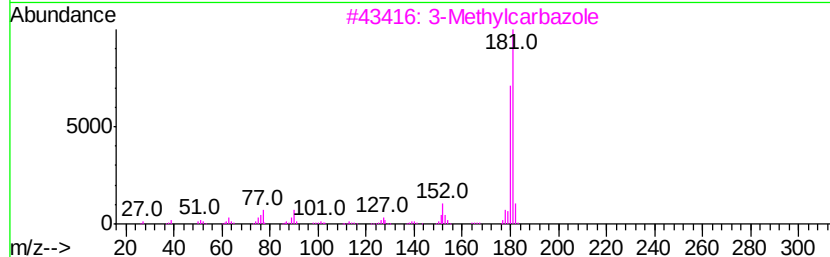
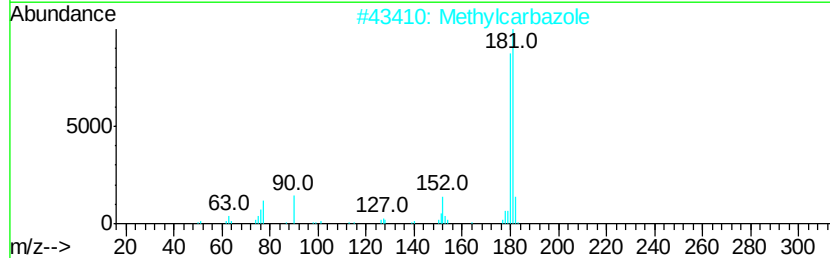
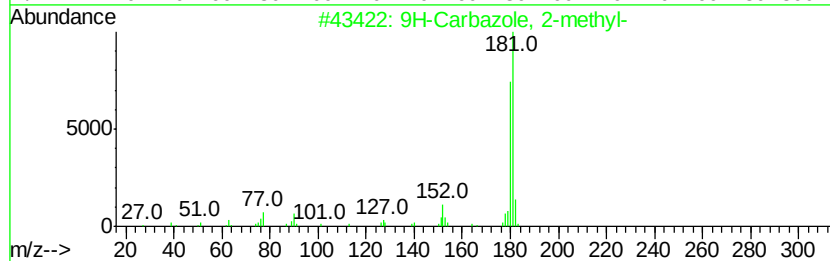
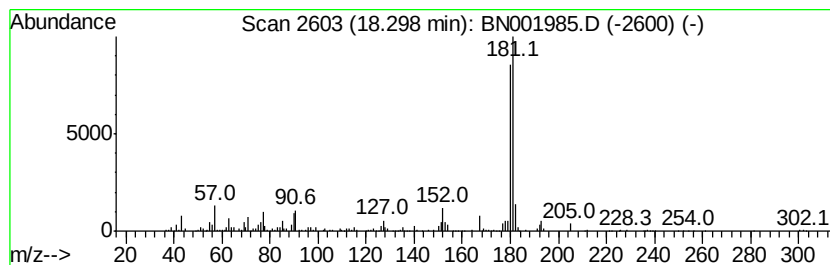
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9H-Carbazole, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.64 ng/ul	1006730	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
2		Methylcarbazole	181	C13H11N	027323-29-1	95
3		3-Methylcarbazole	181	C13H11N	004630-20-0	95
4		3-Methylcarbazole	181	C13H11N	004630-20-0	95
5		3-Methylcarbazole	181	C13H11N	004630-20-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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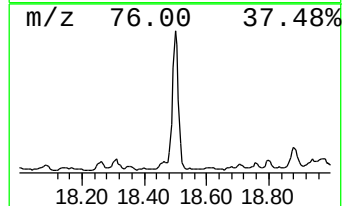
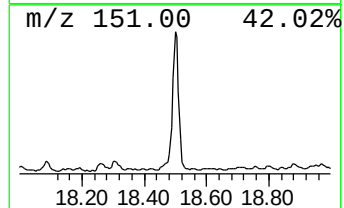
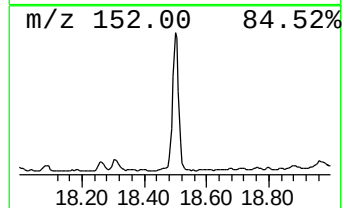
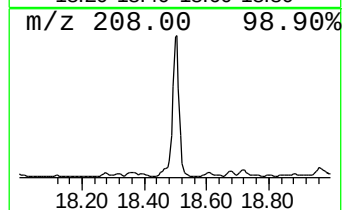
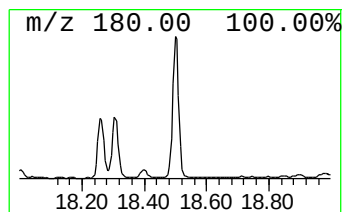
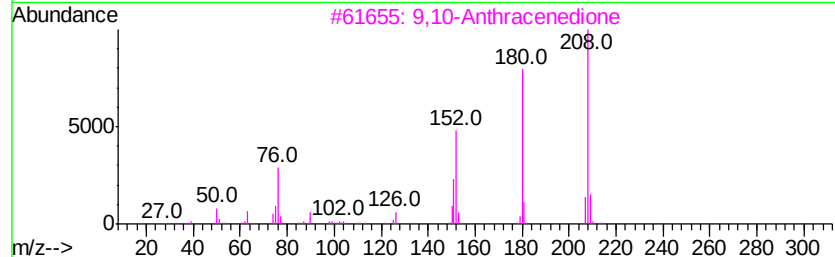
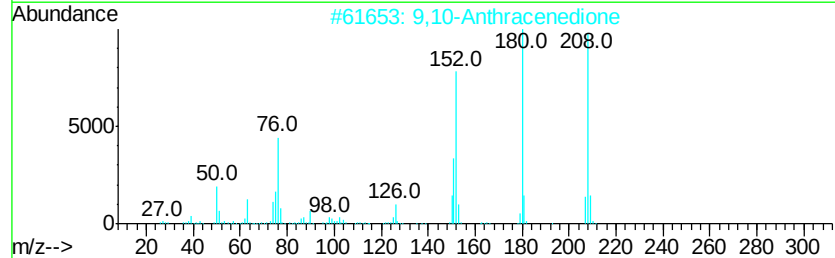
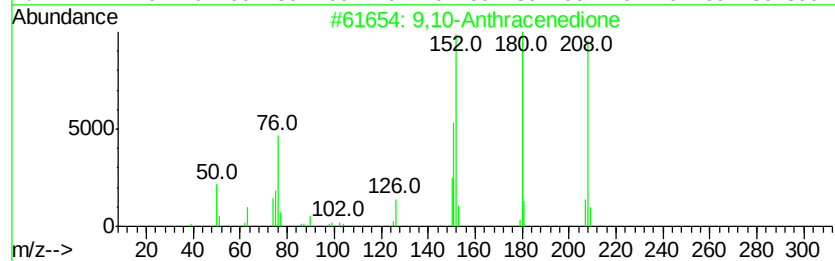
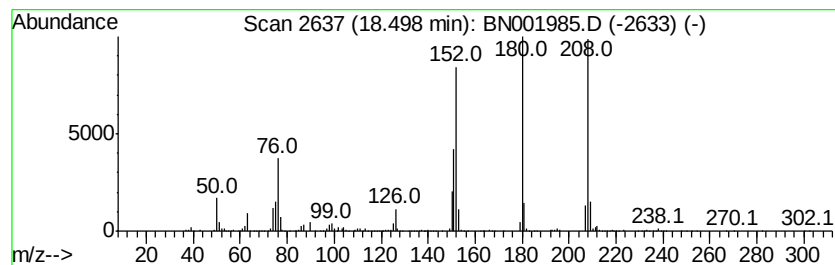
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	6.61 ng/ul	2524640	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4			Benzo[cl]cinoline	180	C12H8N2	000230-17-1	70
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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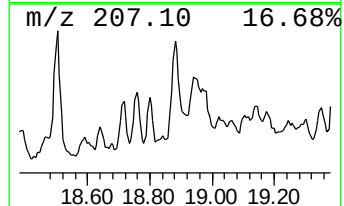
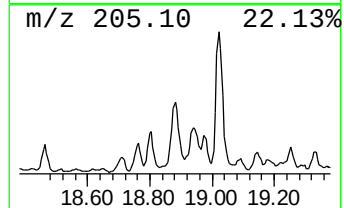
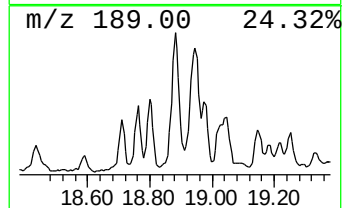
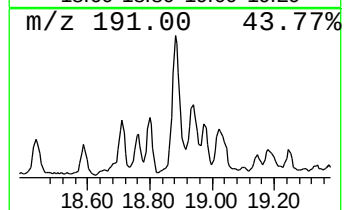
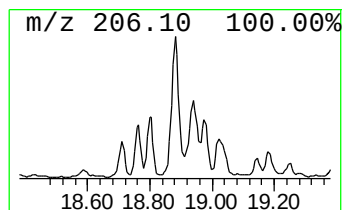
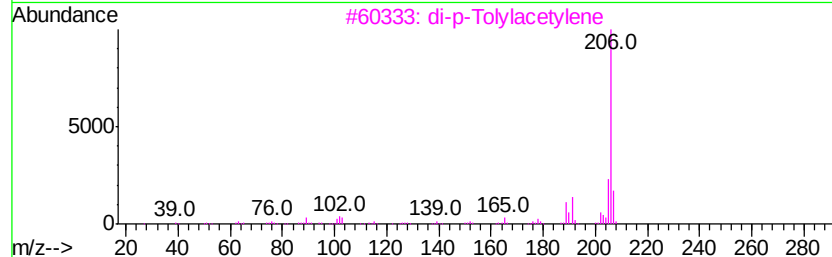
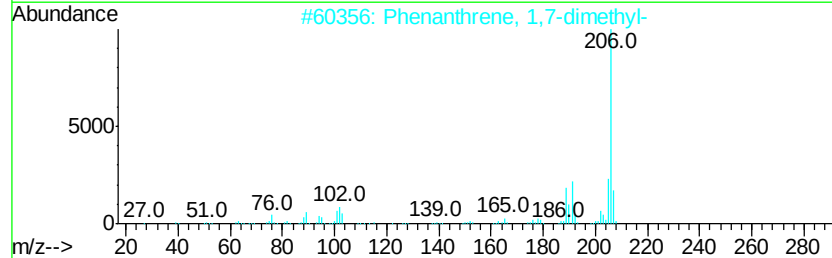
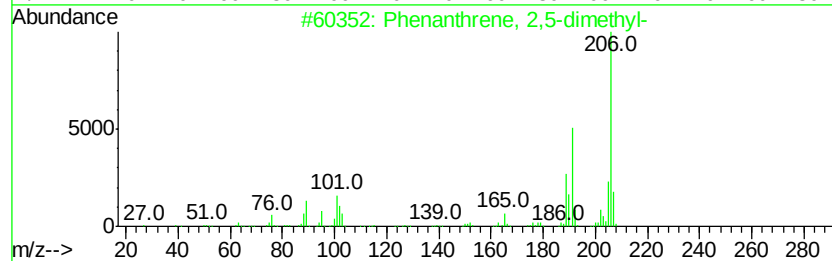
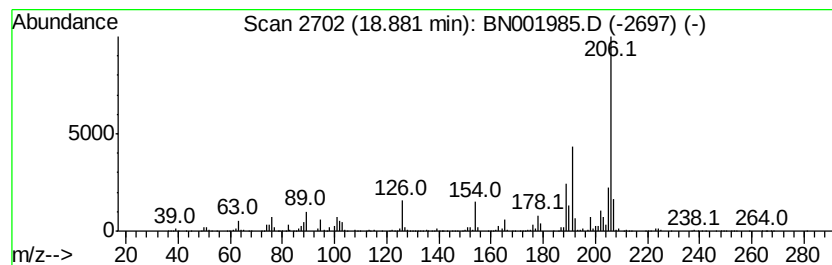
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	4.19 ng/ul	1601150	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		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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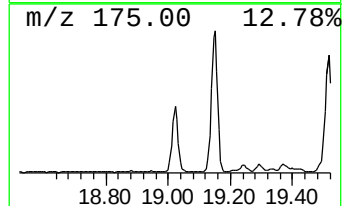
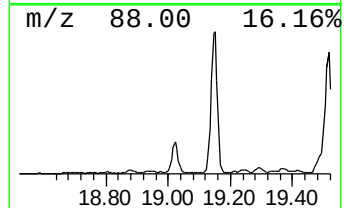
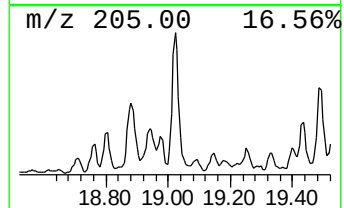
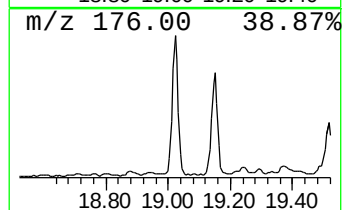
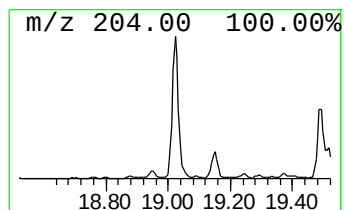
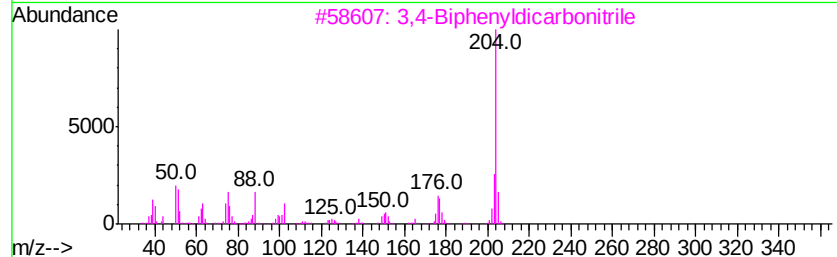
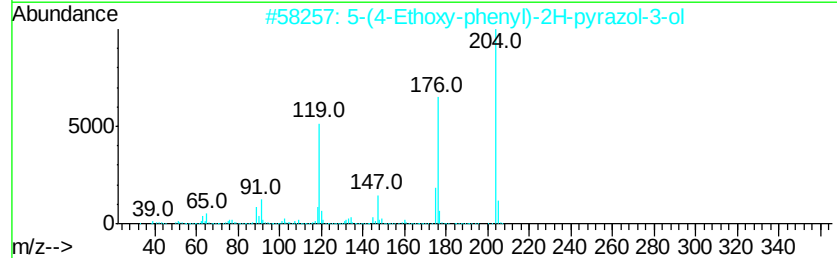
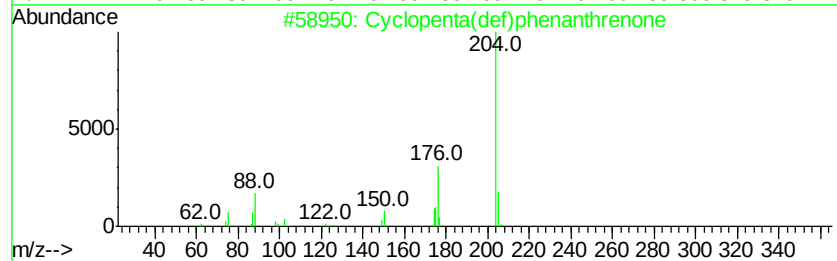
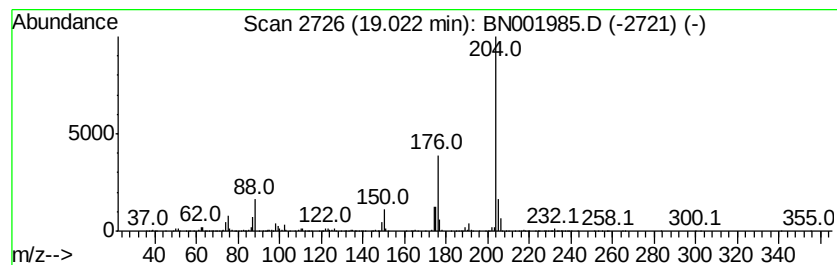
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	7.73 ng/ul	2951460	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
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Instrument :
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ClientSampleId :
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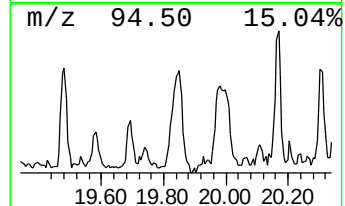
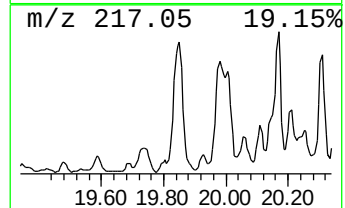
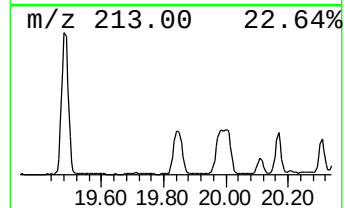
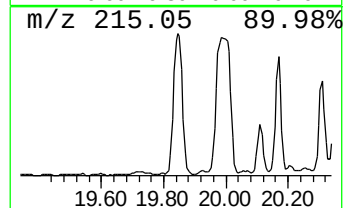
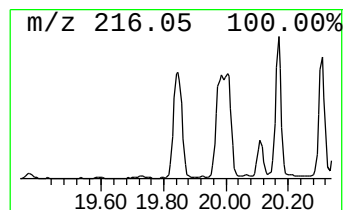
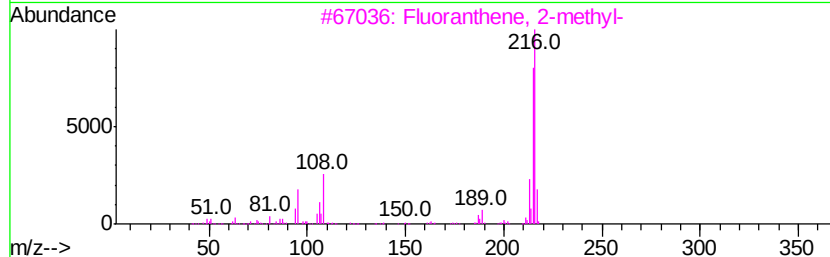
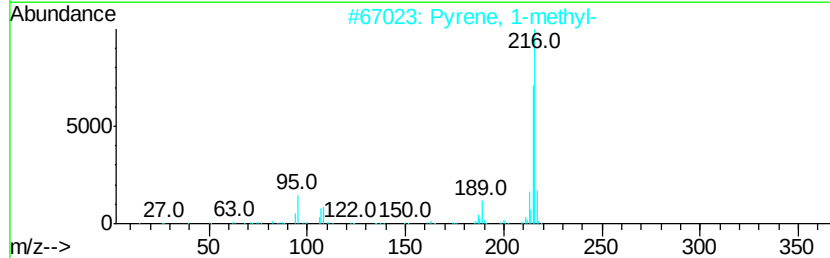
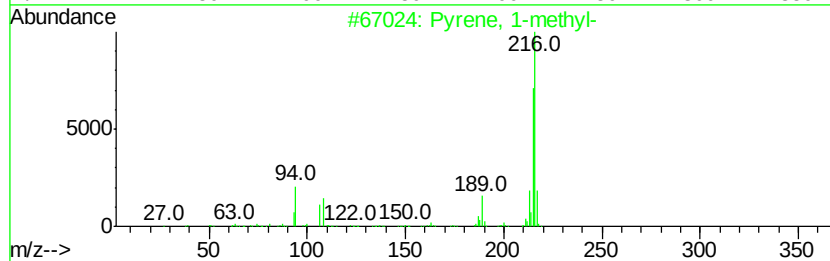
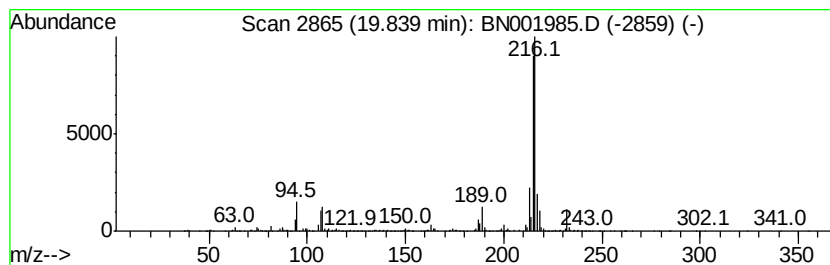
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	3.93 ng/ul	5787880	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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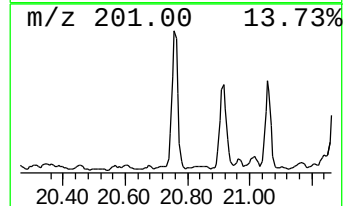
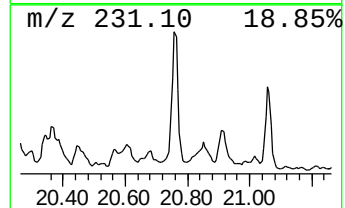
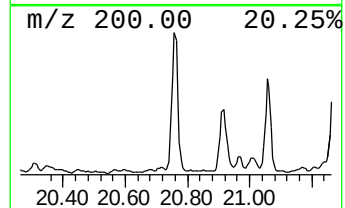
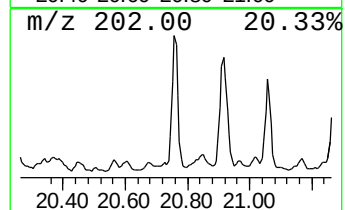
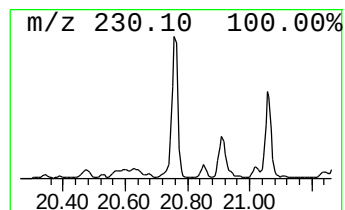
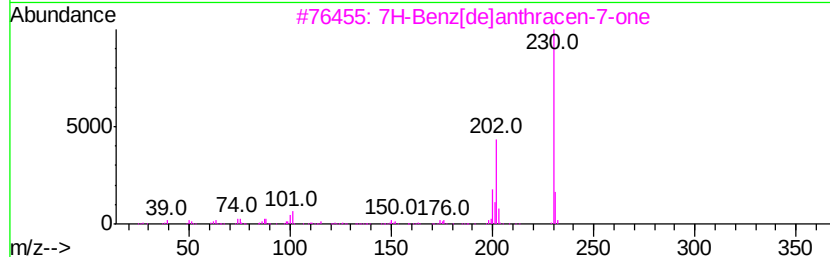
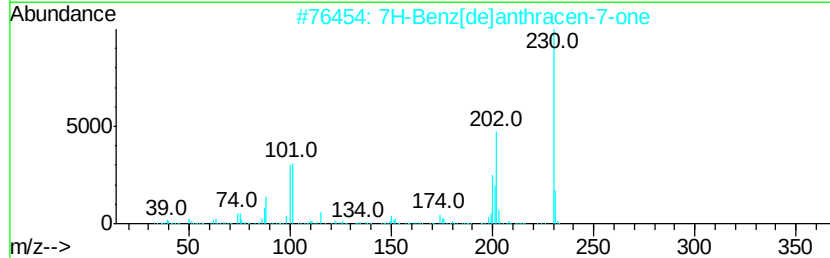
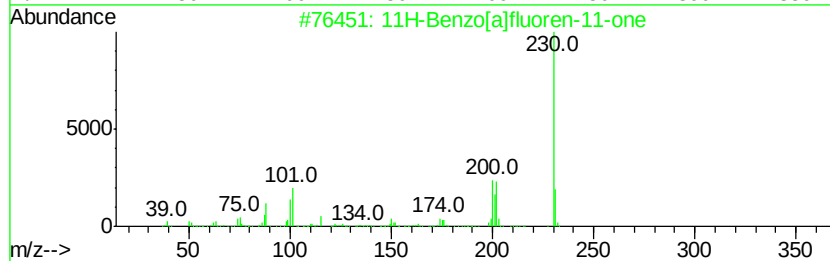
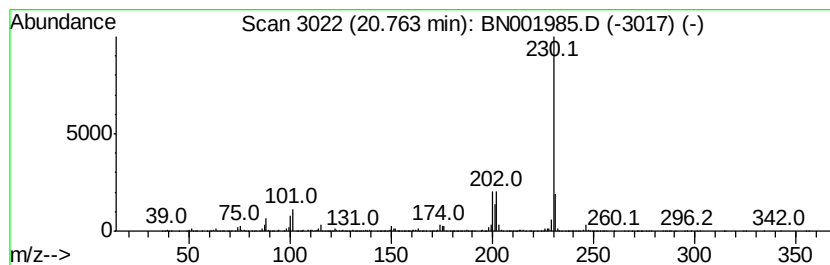
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	3.90 ng/ul	5739040	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	98
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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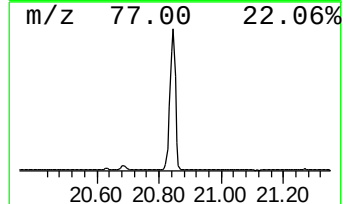
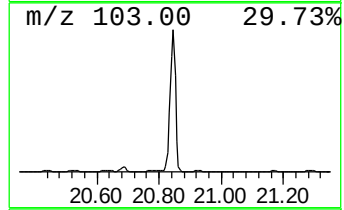
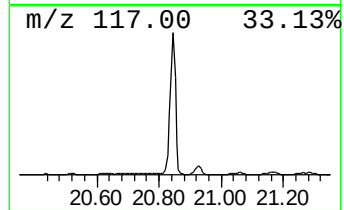
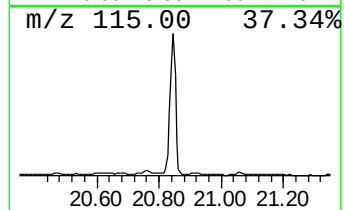
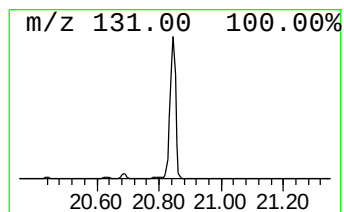
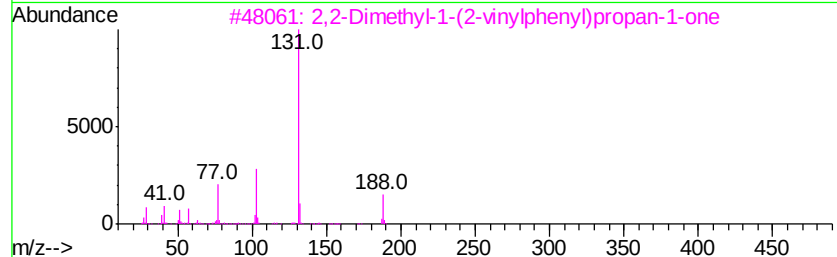
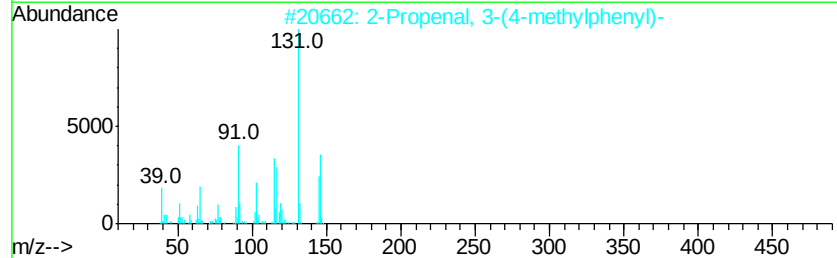
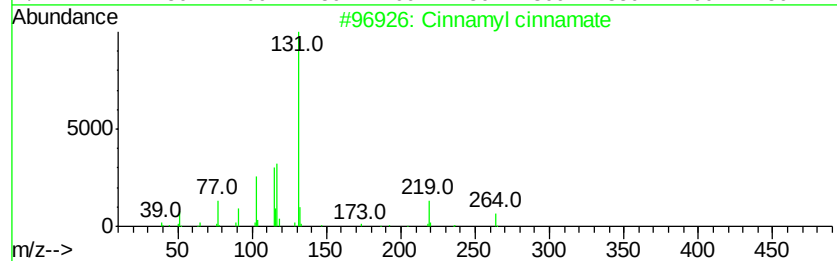
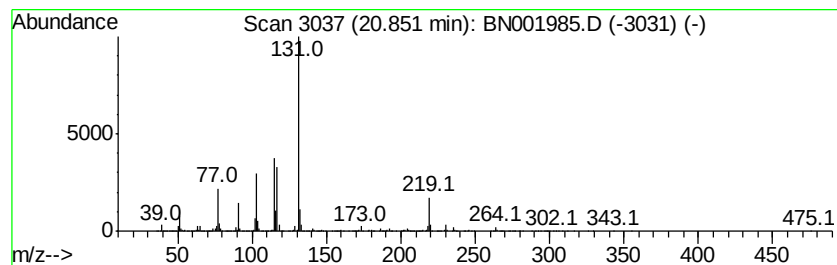
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Cinnamyl cinnamate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	17.63 ng/ul	25960200	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	50
3		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
4		1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47
5		Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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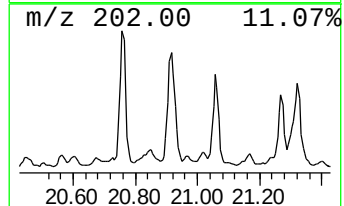
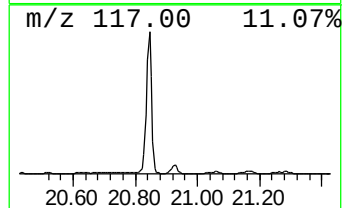
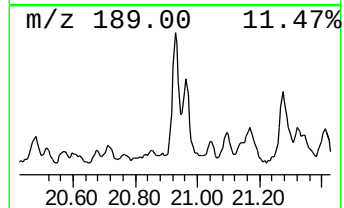
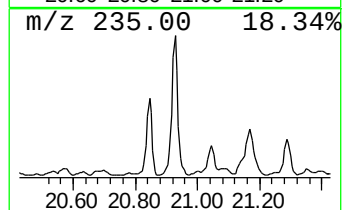
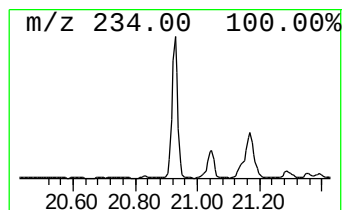
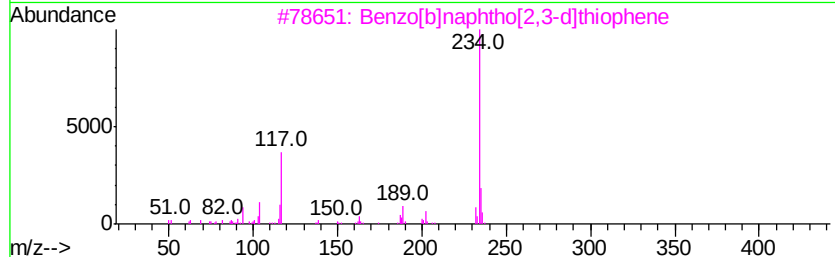
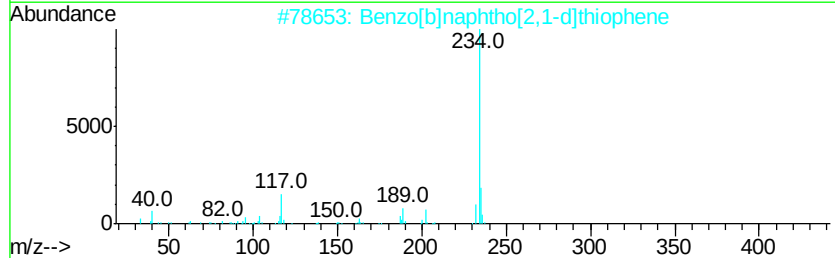
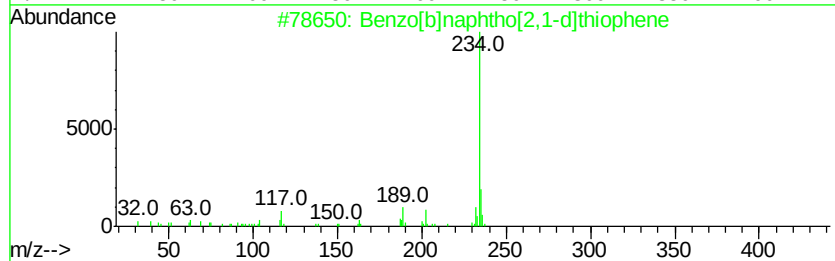
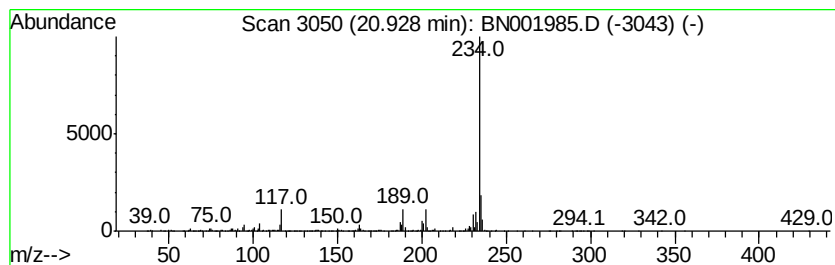
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.91 ng/ul	5760730	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	96
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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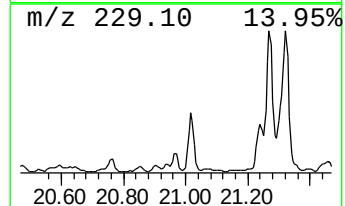
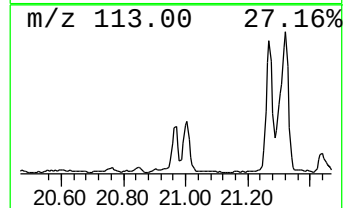
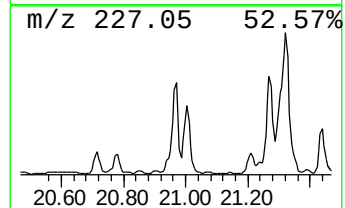
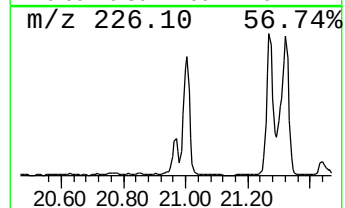
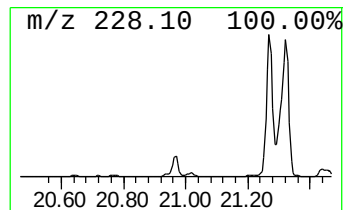
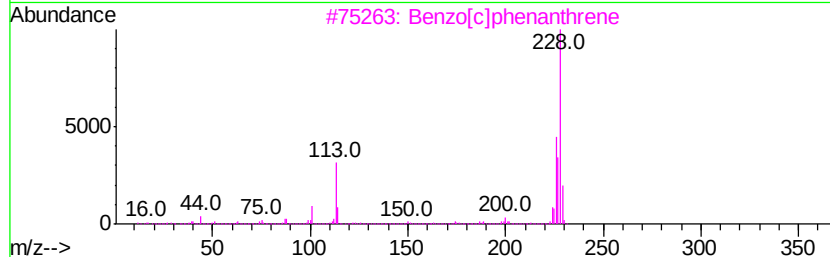
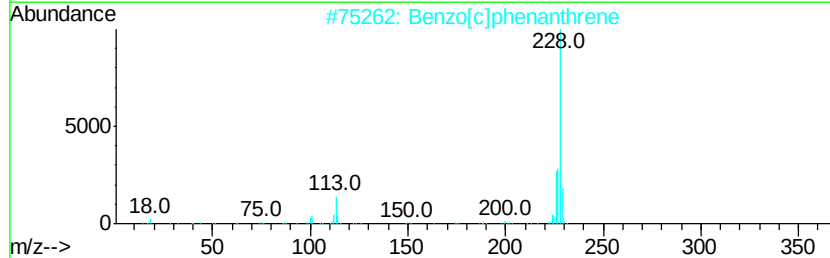
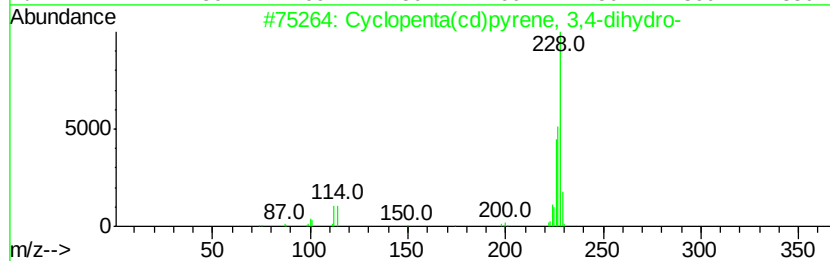
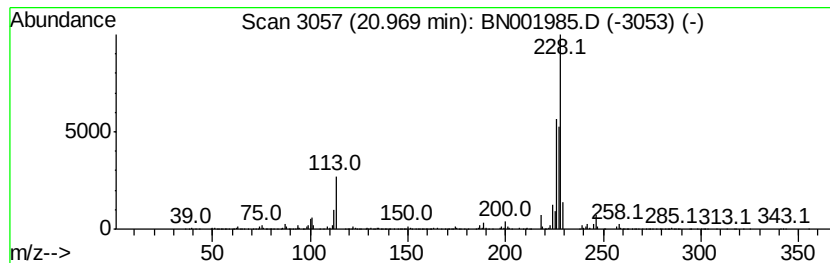
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.74 ng/ul	4037320	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	78
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	62
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
4		Triphenylene	228	C18H12	000217-59-4	43
5		Triphenylene	228	C18H12	000217-59-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H10

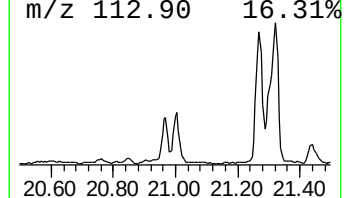
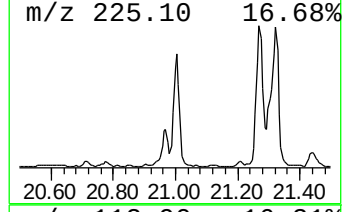
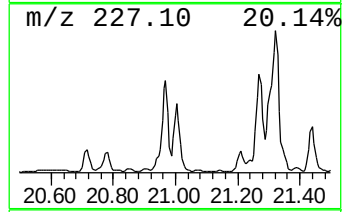
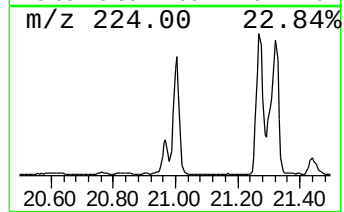
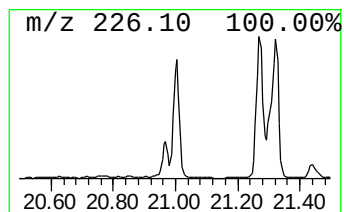
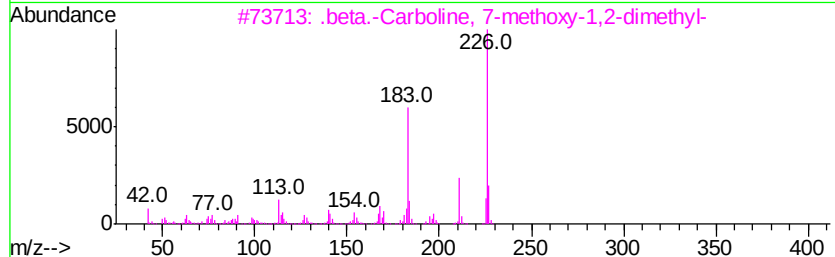
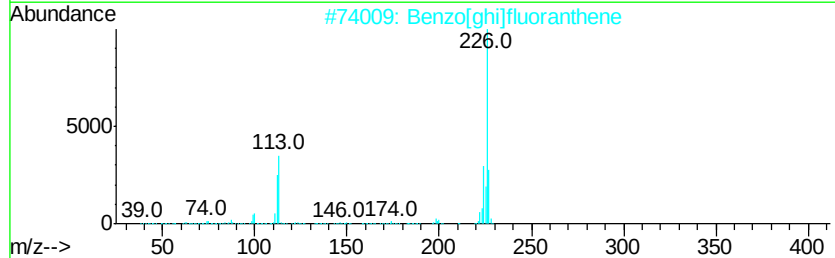
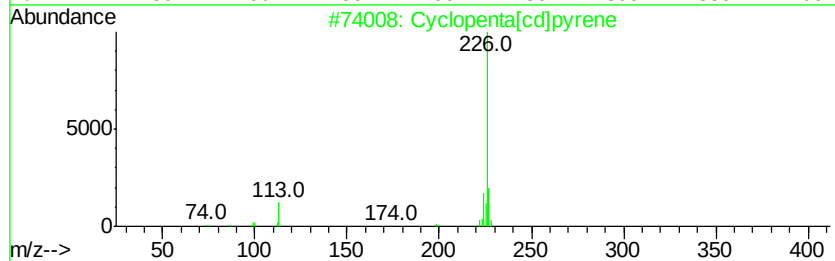
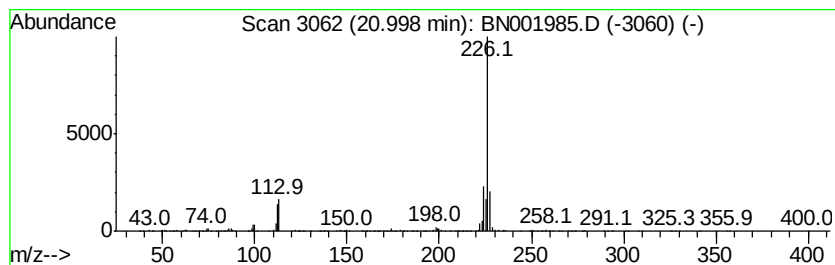
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.98 ng/ul	5867450	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	64
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	52
5		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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Acq On : 06 Jul 2018 12:17
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Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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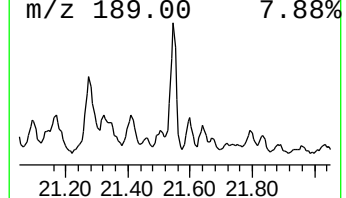
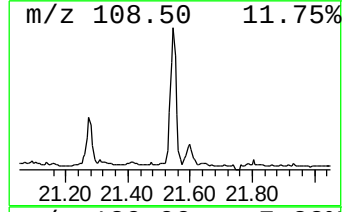
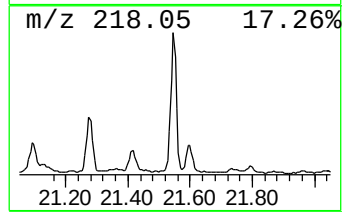
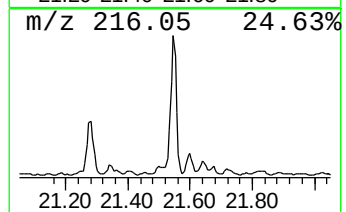
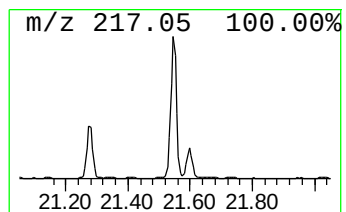
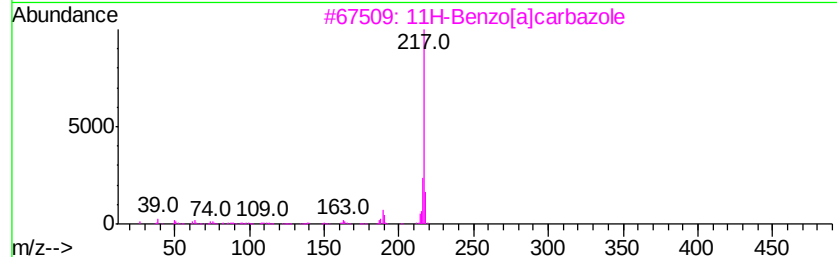
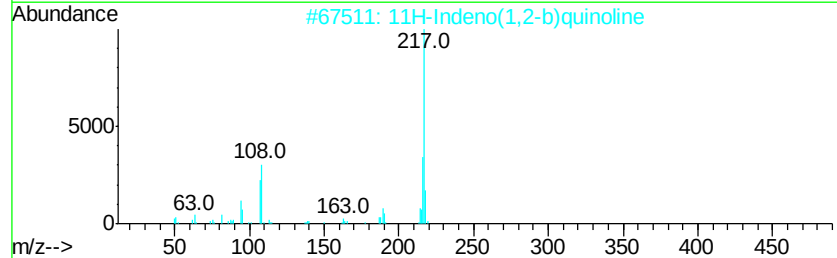
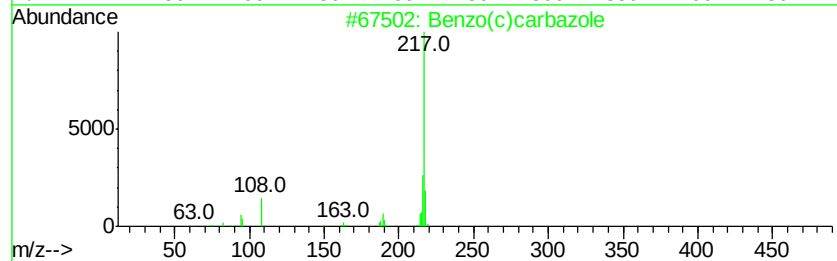
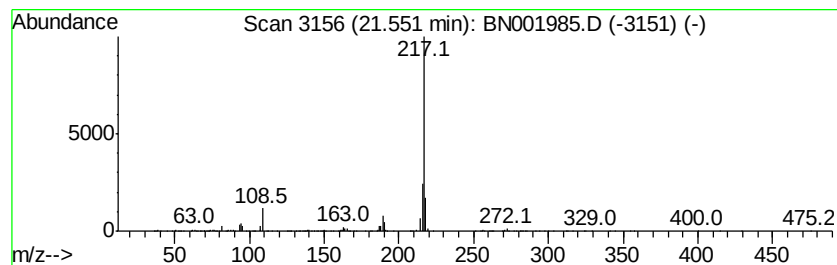
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Benzo(c)carbazole Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.84 ng/ul	4181820	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo(c)carbazole	217	C16H11N	034777-33-8	95
2		11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	93
3		11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91
4		11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91
5		11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H10

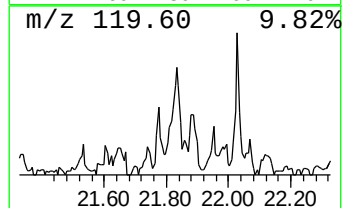
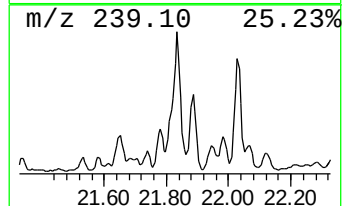
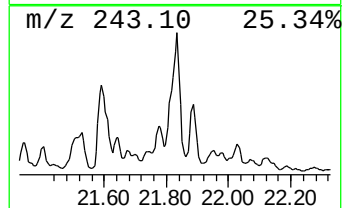
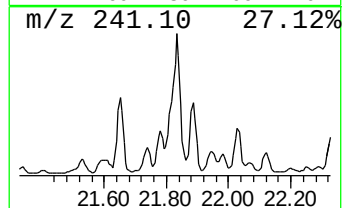
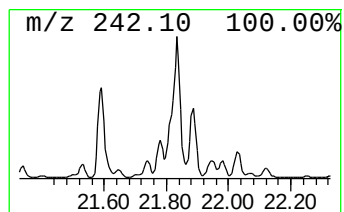
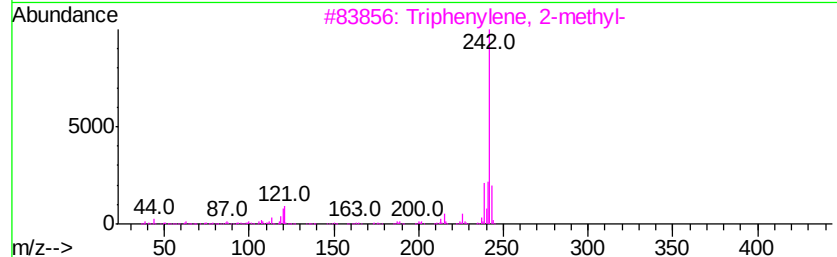
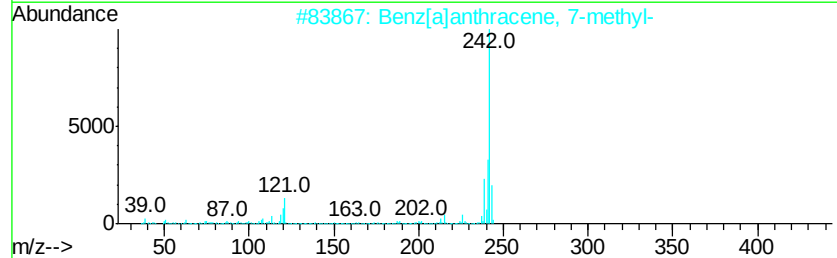
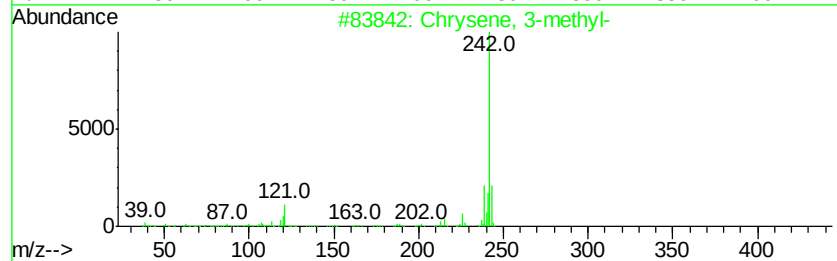
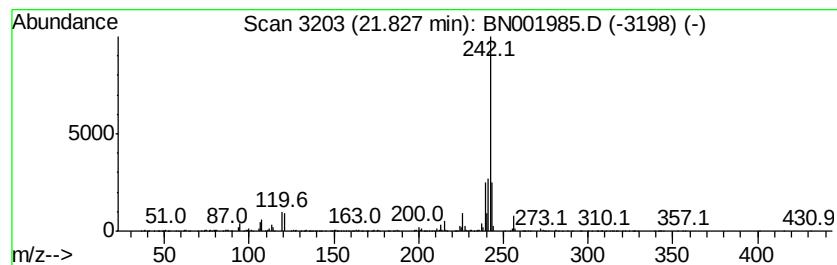
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Chrysene, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.75 ng/ul	4056660	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4		Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5		Chrysene, 2-methyl-	242	C19H14	003351-32-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

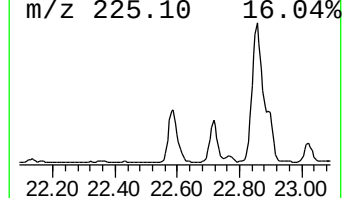
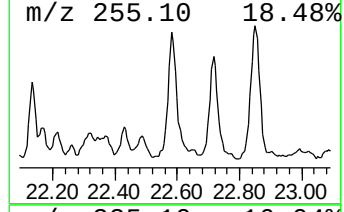
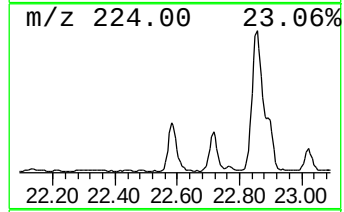
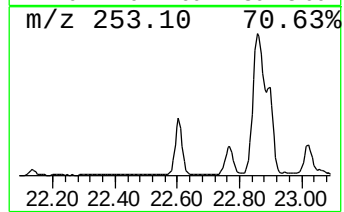
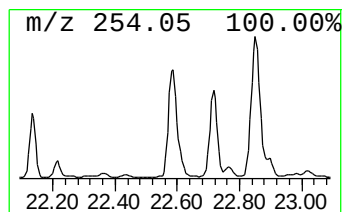
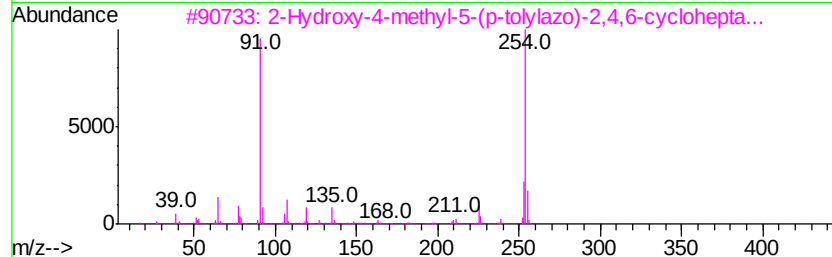
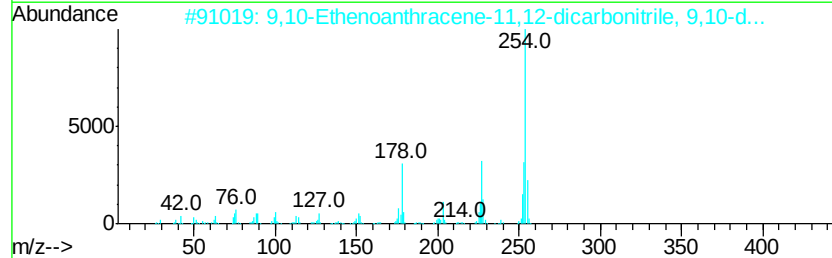
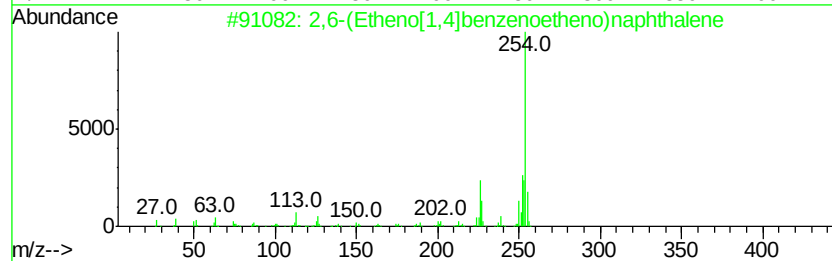
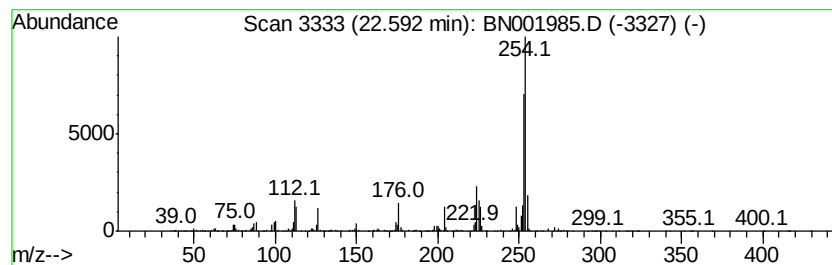
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	16.39 ng/ul	4449790	Perylene-d12	23.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6-(Etheno[1,4]benzenoetheno)na...	254 C20H14	117054-70-3	53
2	9,10-Ethenoanthracene-11,12-dica...	254 C18H10N2	019067-49-3	53
3	2-Hydroxy-4-methyl-5-(p-tolylazo...	254 C15H14N2O2	066777-90-0	53
4	3-Phenylthio-2H-chromen-2-one	254 C15H10O2S	072167-95-4	53
5	3-Hydroxy-1-methoxyanthraquinone	254 C15H10O4	028504-24-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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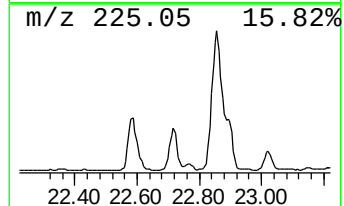
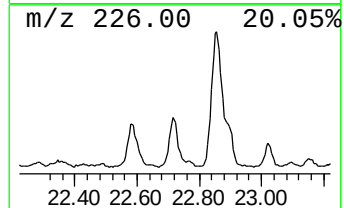
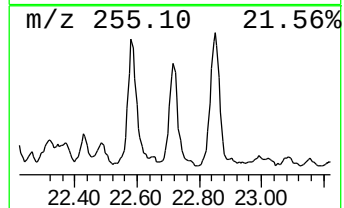
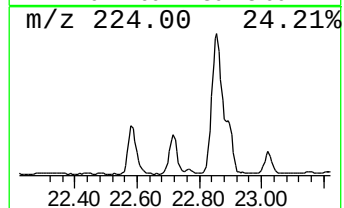
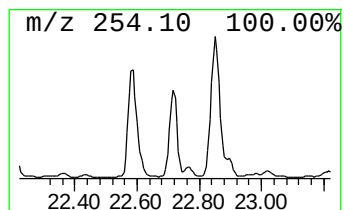
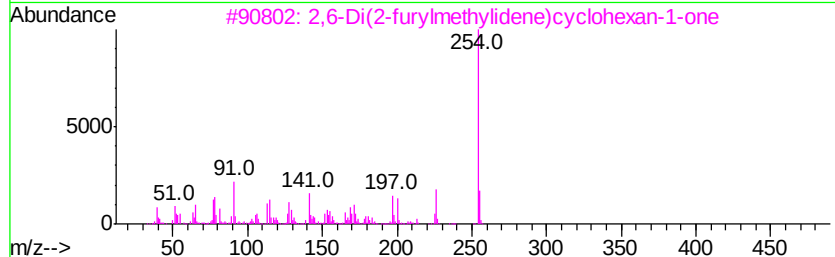
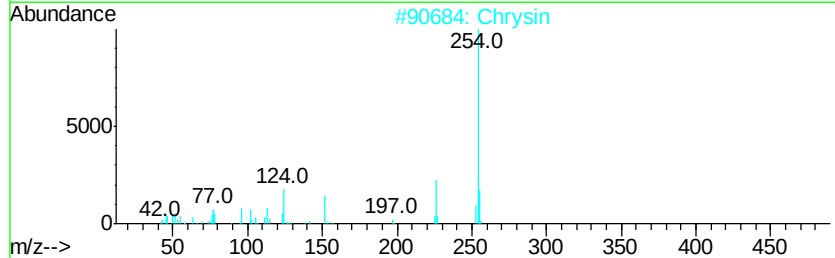
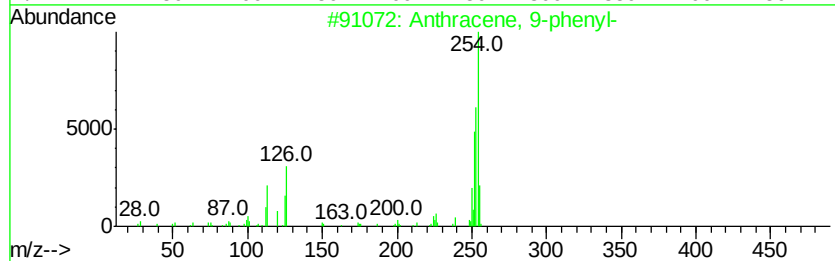
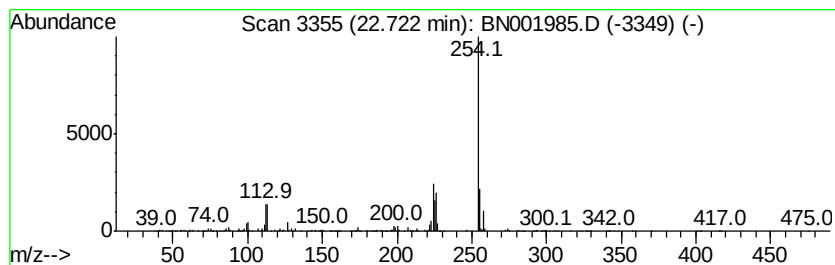
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Anthracene, 9-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	6.32 ng/ul	1716240	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
2		Chrysin	254	C15H10O4	000480-40-0	58
3		2,6-Di(2-furvlmethvlidene)cvcloh...	254	C16H14O3	000893-00-5	53
4		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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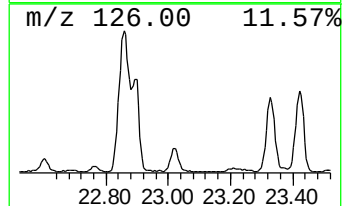
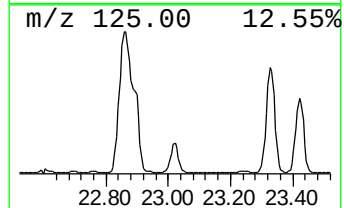
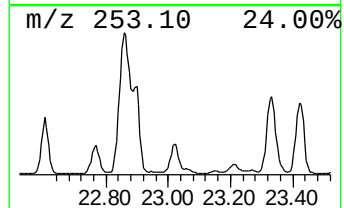
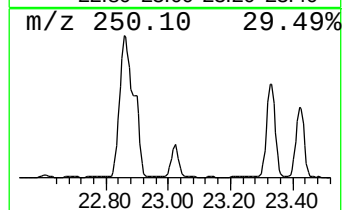
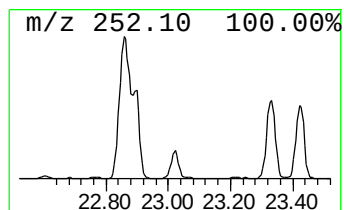
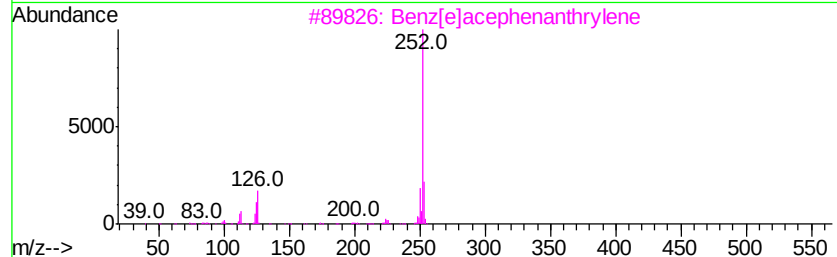
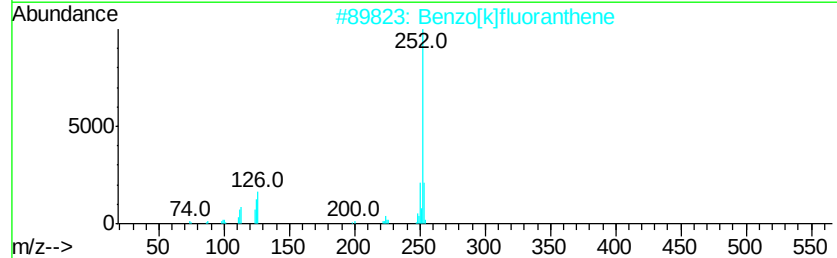
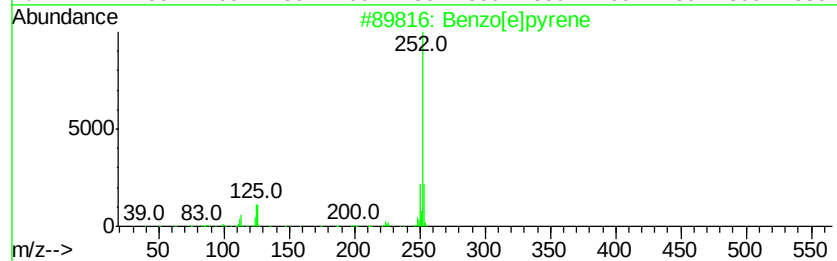
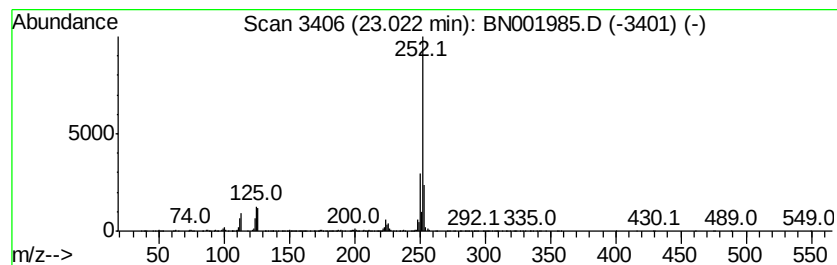
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	12.79 ng/ul	3471580	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

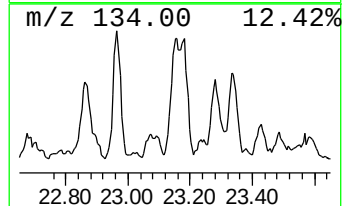
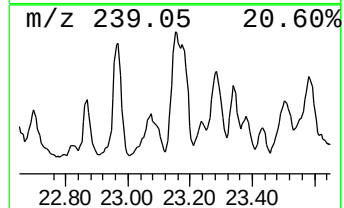
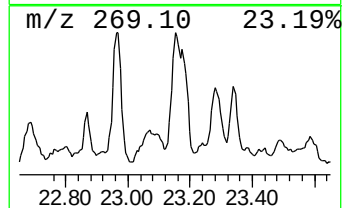
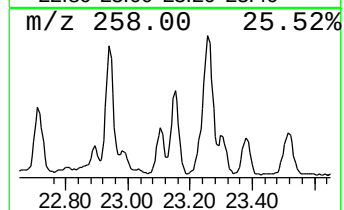
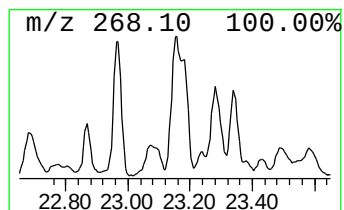
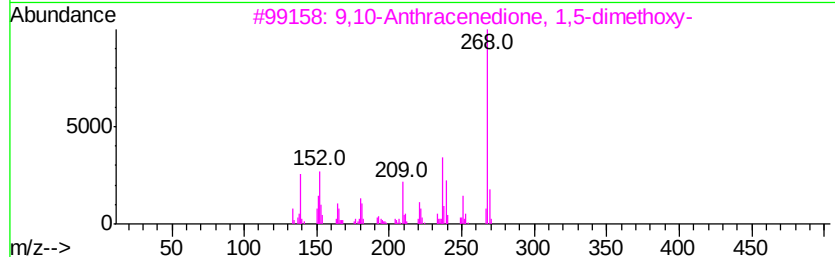
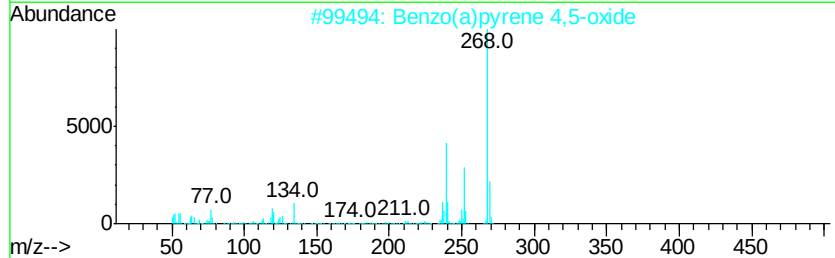
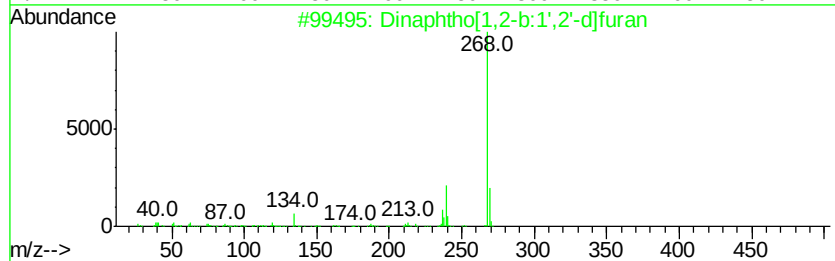
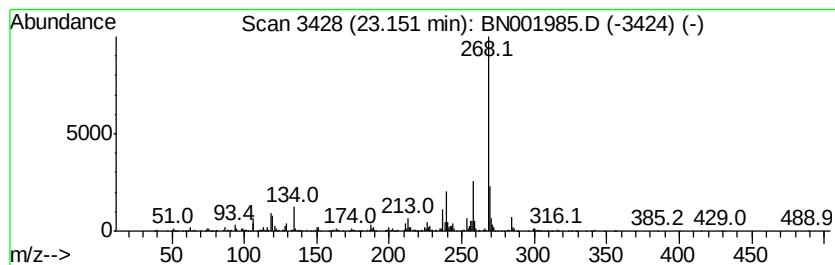
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
23.15	8.04 ng/ul	2181860	Perylene-d12	23.52		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
3		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
4		Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	53
5		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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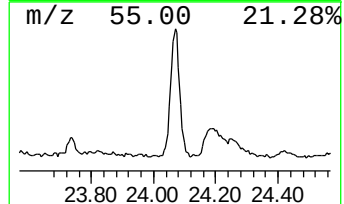
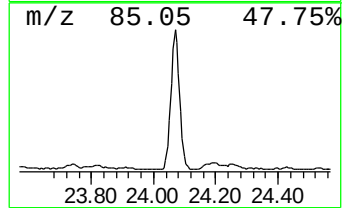
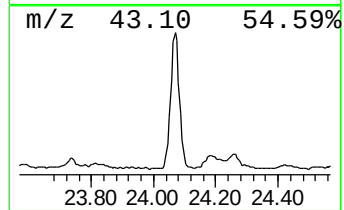
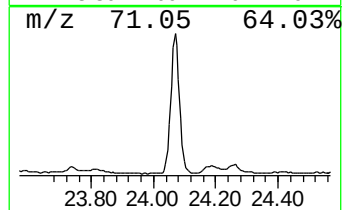
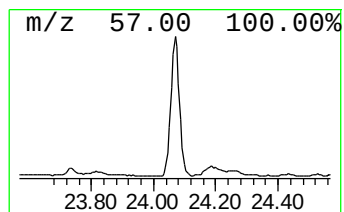
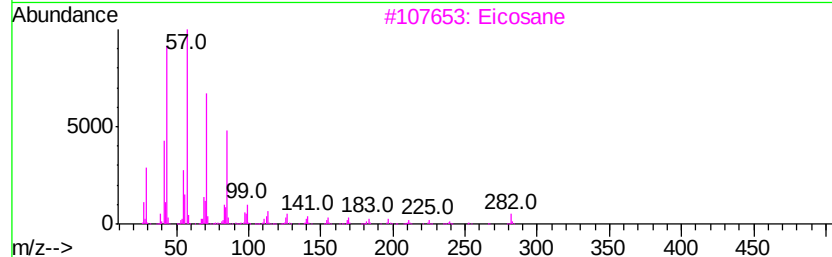
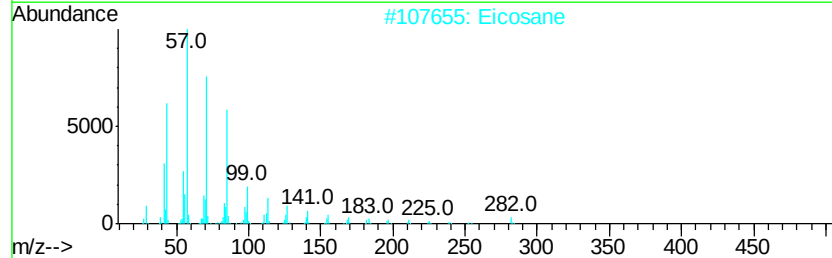
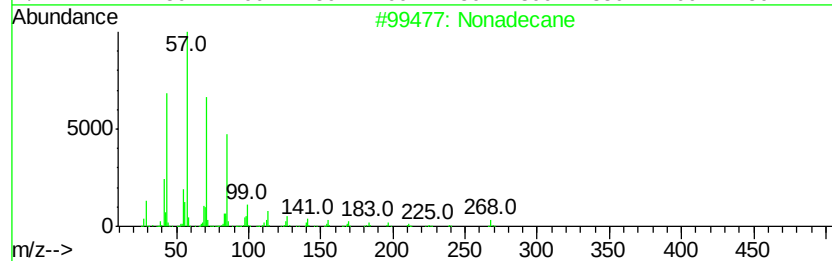
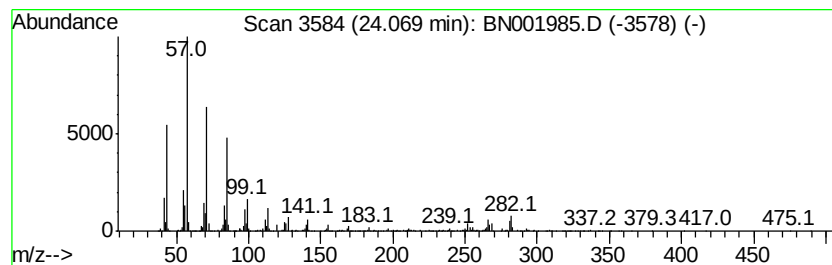
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	10.51 ng/ul	2852680	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Eicosane	282	C20H42	000112-95-8	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
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Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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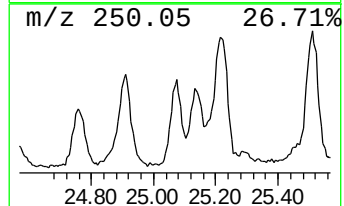
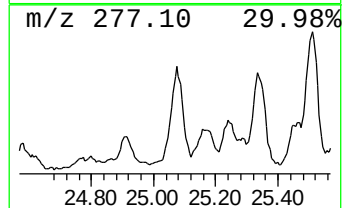
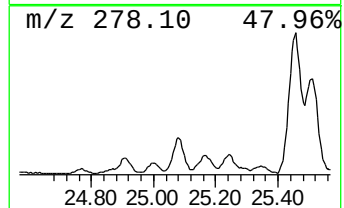
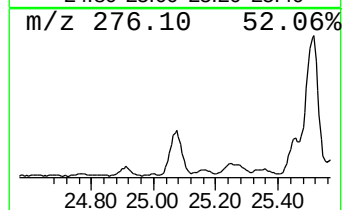
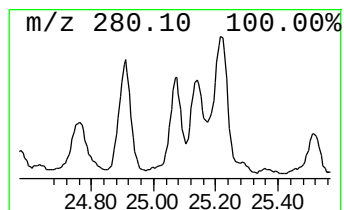
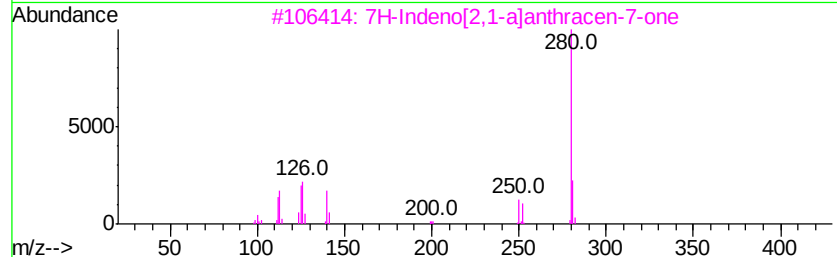
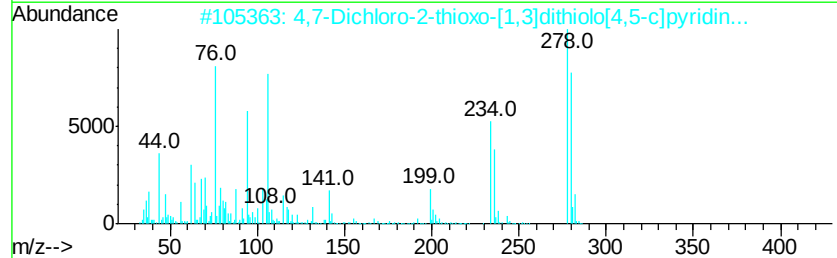
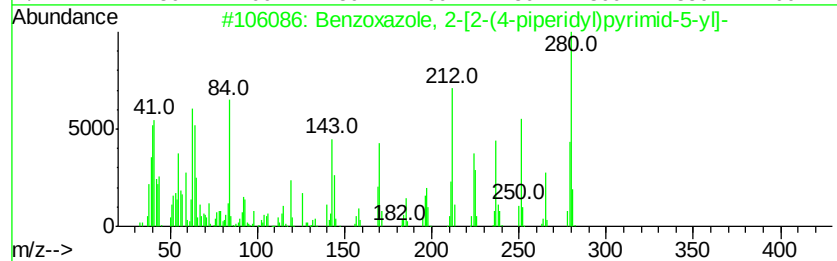
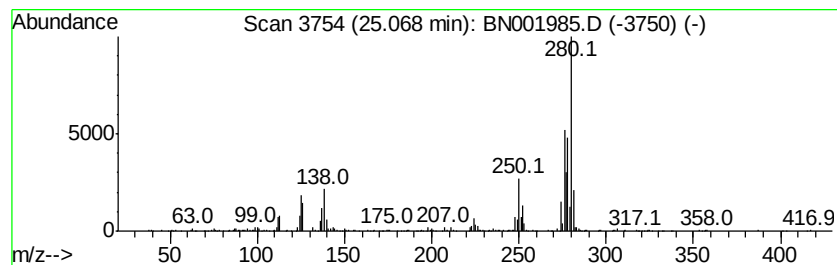
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.07	3.01 ng/ul	816049	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoxazole, 2-[2-(4-piperidyl)pyrimidin-5-yl]-	280	C16H16N4O	1000294-14-8	42
2		4,7-Dichloro-2-thioxo-[1,3]dithiol[4,5-c]pyridine	278	C7Cl2N2S3	1000295-36-0	38
3		7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	35
4		3-Hydroxy-D-homoestra-1,3,5(10),...	280	C19H20O2	1000215-90-6	35
5		1-Formyl-2-hydroxy-6-methoxy-9,1...	280	C18H16O3	110038-66-9	27



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Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H10

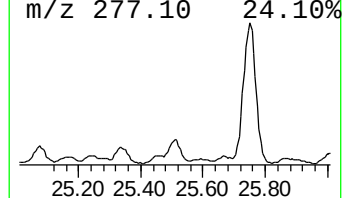
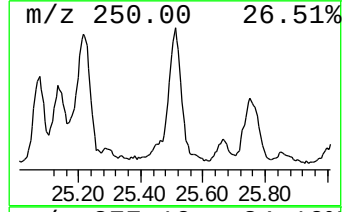
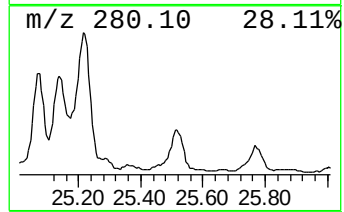
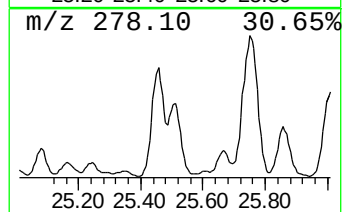
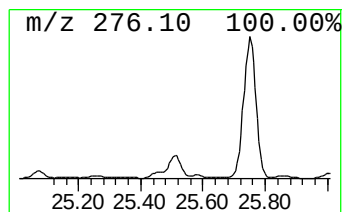
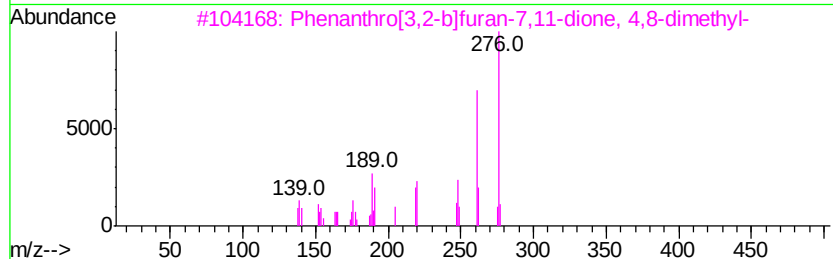
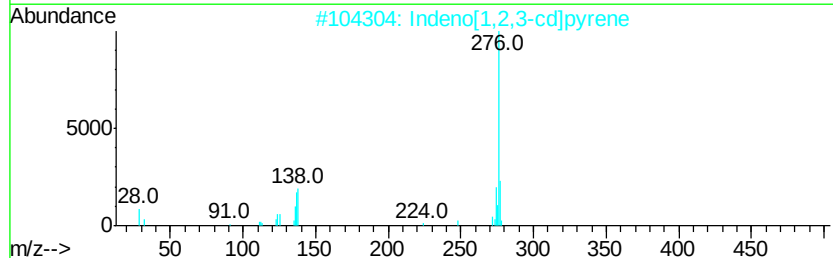
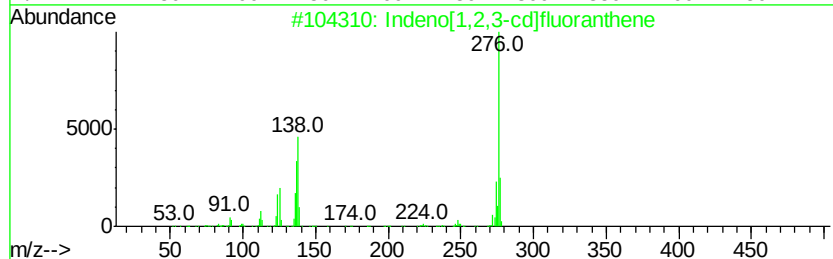
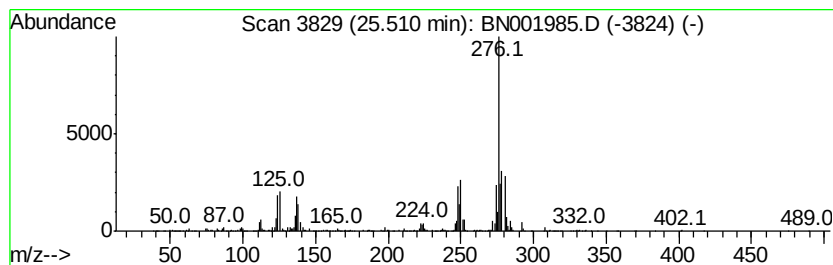
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 Indeno[1,2,3-cd]fluoranthene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.51	9.37 ng/ul	2543460	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	55
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	50
3		Phenanthro[3,2-b]furan-7,11-dion...	276	C18H12O3	020958-17-2	47
4		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	46
5		Benzo[ghi]perylene	276	C22H12	000191-24-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
 Data File : BN001985.D
 Acq On : 06 Jul 2018 12:17
 Operator : JU/SJ
 Sample : J3765-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H10

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	24.5	ng/ul	4304200	1	7.71	3518670	20.0
1H-Cyclopenta[1,3...	13.22	2.3	ng/ul	793842	3	14.34	6917870	20.0
Caryophyllene	13.66	36.4	ng/ul	12572500	3	14.34	6917870	20.0
Naphthalene, 1,2,...	14.60	3.5	ng/ul	1207350	3	14.34	6917870	20.0
1-Naphthalenol, 1...	15.82	5.2	ng/ul	1991790	4	17.09	7638930	20.0
Naphthalene, 1,2,...	16.06	2.2	ng/ul	826661	4	17.09	7638930	20.0
9H-Fluoren-9-one	16.74	2.5	ng/ul	971137	4	17.09	7638930	20.0
5H-Dibenzo[a,d]cy...	17.96	2.0	ng/ul	772357	4	17.09	7638930	20.0
n-Hexadecanoic acid	18.00	12.4	ng/ul	4749050	4	17.09	7638930	20.0
Phenanthrene, 2-m...	18.09	6.3	ng/ul	2413700	4	17.09	7638930	20.0
4H-Cyclopenta[def...	18.15	4.8	ng/ul	1820700	4	17.09	7638930	20.0
3-Methylcarbazole	18.26	2.1	ng/ul	810802	4	17.09	7638930	20.0
9H-Carbazole, 2-m...	18.30	2.6	ng/ul	1006730	4	17.09	7638930	20.0
9,10-Anthracenedione	18.50	6.6	ng/ul	2524640	4	17.09	7638930	20.0
Phenanthrene, 2,5...	18.88	4.2	ng/ul	1601150	4	17.09	7638930	20.0
Cyclopenta(def)ph...	19.02	7.7	ng/ul	2951460	4	17.09	7638930	20.0
Pyrene, 1-methyl-	19.84	3.9	ng/ul	5787880	5	21.29	29457400	20.0
11H-Benzo[a]fluor...	20.76	3.9	ng/ul	5739040	5	21.29	29457400	20.0
Cinnamyl cinnamate	20.85	17.6	ng/ul	25960200	5	21.29	29457400	20.0
Benzo[b]naphtho[2...	20.93	3.9	ng/ul	5760730	5	21.29	29457400	20.0
Cyclopenta(cd)pyr...	20.97	2.7	ng/ul	4037320	5	21.29	29457400	20.0
Cyclopenta[cd]pyrene	21.00	4.0	ng/ul	5867450	5	21.29	29457400	20.0
Benzo(c)carbazole	21.55	2.8	ng/ul	4181820	5	21.29	29457400	20.0
Chrysene, 3-methyl-	21.83	2.8	ng/ul	4056660	5	21.29	29457400	20.0
2,6-(Etheno[1,4]b...	22.59	16.4	ng/ul	4449790	6	23.52	5429150	20.0
Anthracene, 9-phe...	22.72	6.3	ng/ul	1716240	6	23.52	5429150	20.0
Benzo[e]pyrene	23.02	12.8	ng/ul	3471580	6	23.52	5429150	20.0
Dinaphtho[1,2-b:1...	23.15	8.0	ng/ul	2181860	6	23.52	5429150	20.0
(DEL) Alkane: Str...	24.07	10.5	ng/ul	2852680	6	23.52	5429150	20.0
unknown-01	25.07	3.0	ng/ul	816049	6	23.52	5429150	20.0
Indeno[1,2,3-cd]f...	25.51	9.4	ng/ul	2543460	6	23.52	5429150	20.0