

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
 Data File : BN001977.D
 Acq On : 05 Jul 2018 20:52
 Operator : JU/SJ
 Sample : J3721-18DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H03DL

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	29	rVB	436451	712909	3.04%	0.261%
2	6.416	577	583	592	rVB	161268	259248	1.11%	0.095%
3	6.881	653	662	673	rBV	270220	489566	2.09%	0.179%
4	7.052	684	691	698	rBV	211331	339631	1.45%	0.124%
5	7.246	718	724	733	rVB	277571	444602	1.90%	0.163%
6	7.710	796	803	814	rBV	2132496	3389761	14.48%	1.242%
7	8.410	915	922	931	rBV	316743	525605	2.24%	0.193%
8	8.851	991	997	1005	rVB	246870	425721	1.82%	0.156%
9	9.569	1113	1119	1128	rBV	196497	335815	1.43%	0.123%
10	10.104	1203	1210	1221	rBV	355946	593929	2.54%	0.218%
11	10.481	1267	1274	1281	rBV	3182907	5428639	23.18%	1.989%
12	10.616	1288	1297	1308	rVB	128465	252587	1.08%	0.093%
13	13.663	1809	1815	1821	rVB	823314	1206328	5.15%	0.442%
14	13.751	1824	1830	1834	rBV	690008	987662	4.22%	0.362%
15	13.792	1834	1837	1842	rVB	269410	379307	1.62%	0.139%
16	14.028	1870	1877	1879	rBV	753928	1112165	4.75%	0.407%
17	14.057	1879	1882	1895	rVB	737792	1138450	4.86%	0.417%
18	14.339	1919	1930	1937	rVV2	4602629	7572275	32.34%	2.774%
19	14.410	1937	1942	1955	rVB4	121283	335986	1.43%	0.123%
20	14.539	1958	1964	1970	rBV3	190857	332966	1.42%	0.122%
21	14.604	1970	1975	1982	rBV5	93147	244490	1.04%	0.090%
22	15.333	2093	2099	2104	rVV	1075315	1569435	6.70%	0.575%
23	15.451	2114	2119	2126	rVV	172135	260864	1.11%	0.096%
24	15.828	2175	2183	2191	rVB5	235096	497126	2.12%	0.182%
25	16.057	2216	2222	2227	rBV4	289172	596905	2.55%	0.219%
26	16.739	2333	2338	2345	rVB2	146138	263599	1.13%	0.097%
27	16.816	2346	2351	2356	rBV	124365	254446	1.09%	0.093%
28	17.086	2390	2397	2401	rBV2	5608617	8631291	36.86%	3.162%
29	17.127	2401	2404	2408	rVV	1799681	2350951	10.04%	0.861%
30	17.180	2408	2413	2415	rVV2	1055245	1457290	6.22%	0.534%
31	17.216	2415	2419	2425	rVV	3006823	4294857	18.34%	1.574%
32	17.275	2425	2429	2435	rVB2	200519	312607	1.33%	0.115%
33	17.486	2457	2465	2469	rVV	1409535	2068198	8.83%	0.758%
34	17.527	2469	2472	2481	rVV	152147	320612	1.37%	0.117%

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Integrator: RTE
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35	17.604	2481	2485	2490	rVV2	214531	275666	1.18%	0.101%
36	17.957	2538	2545	2548	rVV	509428	784995	3.35%	0.288%
37	18.004	2548	2553	2561	rVB2	819460	1511931	6.46%	0.554%
38	18.086	2561	2567	2571	rBV	400142	584839	2.50%	0.214%
39	18.151	2572	2578	2582	rVV2	848568	1583277	6.76%	0.580%
40	18.186	2582	2584	2592	rVB	382591	501882	2.14%	0.184%
41	18.263	2592	2597	2601	rBV3	174408	393489	1.68%	0.144%
42	18.304	2602	2604	2608	rVV2	177514	271557	1.16%	0.099%
43	18.351	2608	2612	2617	rVB4	161786	280430	1.20%	0.103%
44	18.463	2627	2631	2634	rBV	647770	861423	3.68%	0.316%
45	18.498	2634	2637	2643	rVB	1768171	2402632	10.26%	0.880%
46	18.710	2670	2673	2677	rVV2	274359	361275	1.54%	0.132%
47	18.763	2678	2682	2685	rVV3	303516	436293	1.86%	0.160%
48	18.798	2685	2688	2693	rVB	292267	381136	1.63%	0.140%
49	18.886	2698	2703	2707	rBV	683158	1058572	4.52%	0.388%
50	18.939	2707	2712	2716	rBV4	298313	551041	2.35%	0.202%
51	19.022	2722	2726	2735	rVB	1411646	2026746	8.65%	0.743%
52	19.151	2742	2748	2754	rVB	14035538	20024797	85.51%	7.337%
53	19.216	2755	2759	2761	rBV	268582	365784	1.56%	0.134%
54	19.245	2761	2764	2768	rVB3	310305	389460	1.66%	0.143%
55	19.292	2768	2772	2776	rVB2	385035	576634	2.46%	0.211%
56	19.345	2776	2781	2784	rBV	461408	735418	3.14%	0.269%
57	19.392	2786	2789	2792	rVB	317906	371667	1.59%	0.136%
58	19.480	2799	2804	2806	rBV2	3295509	4752530	20.29%	1.741%
59	19.516	2806	2810	2817	rVV	13760190	19927904	85.10%	7.301%
60	19.586	2817	2822	2828	rVV2	625288	1148162	4.90%	0.421%
61	19.692	2836	2840	2845	rBV	729916	959549	4.10%	0.352%
62	19.751	2846	2850	2855	rVB2	934391	1443436	6.16%	0.529%
63	19.839	2859	2865	2871	rBV4	1474031	3630483	15.50%	1.330%
64	19.974	2883	2888	2891	rBV3	1453501	2798196	11.95%	1.025%
65	20.110	2907	2911	2914	rBV2	880166	1076835	4.60%	0.395%
66	20.169	2914	2921	2925	rVV3	2076763	3700158	15.80%	1.356%
67	20.204	2925	2927	2931	rVB	446941	539147	2.30%	0.198%
68	20.251	2931	2935	2940	rVB2	400758	593948	2.54%	0.218%
69	20.310	2940	2945	2949	rBV	1313658	1905901	8.14%	0.698%
70	20.357	2949	2953	2957	rVB3	829451	1253631	5.35%	0.459%
71	20.580	2985	2991	2993	rBV3	599311	1251505	5.34%	0.459%

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72	20.674	3005	3007	3011	rVB3	341354	390901	1.67%	0.143%
73	20.757	3017	3021	3027	rVB	2579967	3612183	15.43%	1.323%
74	20.839	3031	3035	3041	rVB	4289490	5264245	22.48%	1.929%
75	20.927	3043	3050	3053	rVV2	1992366	3843091	16.41%	1.408%
76	20.963	3053	3056	3059	rVV	1770605	2359503	10.08%	0.864%
77	21.004	3059	3063	3068	rVV2	2178654	3925935	16.76%	1.438%
78	21.057	3068	3072	3081	rVB2	2271064	3342230	14.27%	1.225%
79	21.274	3099	3109	3114	rBV3	9581138	23150686	98.86%	8.482%
80	21.321	3114	3117	3124	rVB	8074678	11383075	48.61%	4.171%
81	21.439	3133	3137	3142	rBV2	819158	1619812	6.92%	0.593%
82	21.592	3159	3163	3168	rBV2	1352140	2224469	9.50%	0.815%
83	21.645	3169	3172	3175	rVV3	626433	778338	3.32%	0.285%
84	21.780	3192	3195	3197	rBV	421792	506923	2.16%	0.186%
85	21.833	3198	3204	3208	rVV	1677173	2927818	12.50%	1.073%
86	21.892	3209	3214	3218	rVB2	1807886	2679620	11.44%	0.982%
87	22.027	3233	3237	3241	rBV	973669	1543350	6.59%	0.565%
88	22.133	3250	3255	3259	rBV2	608674	951056	4.06%	0.348%
89	22.304	3281	3284	3289	rBV2	493881	619143	2.64%	0.227%
90	22.598	3328	3334	3345	rVB3	864447	2702955	11.54%	0.990%
91	22.857	3370	3378	3383	rBV	9994446	23417639	100.00%	8.580%
92	23.021	3401	3406	3412	rVB	1379823	2210143	9.44%	0.810%
93	23.151	3424	3428	3437	rBV	676484	1455175	6.21%	0.533%
94	23.327	3452	3458	3464	rBV	4717478	8451170	36.09%	3.096%
95	23.421	3468	3474	3481	rVB	4765396	9034141	38.58%	3.310%
96	23.515	3482	3490	3495	rBV	3419571	6934203	29.61%	2.541%
97	23.568	3495	3499	3506	rVB2	1478433	3052616	13.04%	1.118%
98	24.068	3578	3584	3594	rVB2	783837	1776795	7.59%	0.651%
99	25.751	3862	3870	3882	rVB2	2459638	7296033	31.16%	2.673%
100	26.427	3977	3985	4002	rVB	1378205	4382995	18.72%	1.606%

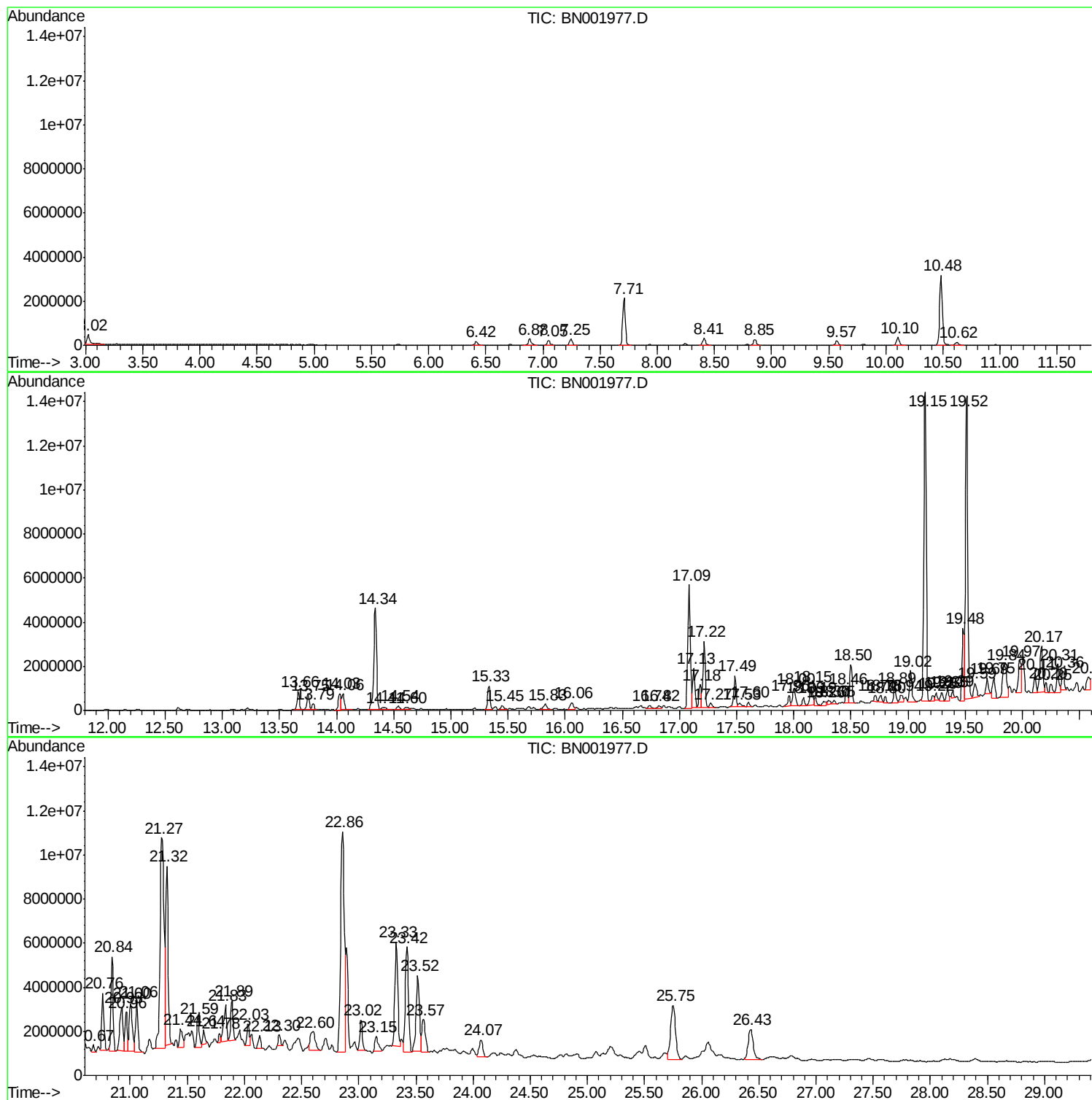
Sum of corrected areas: 272934395

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Instrument :
BNA_N
ClientSampleId :
F1H03DL

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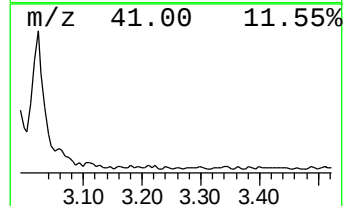
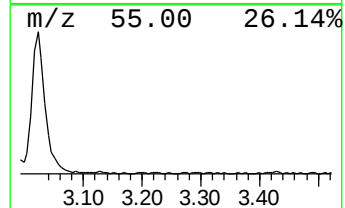
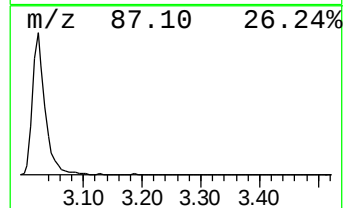
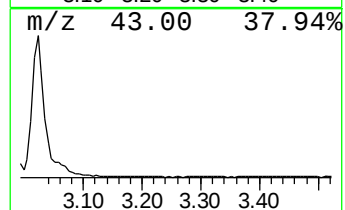
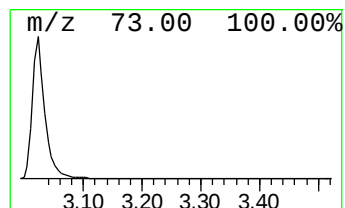
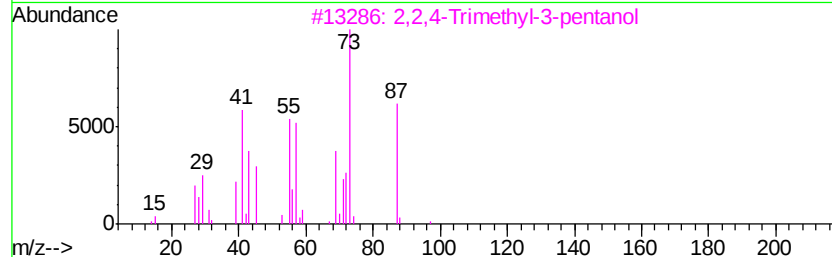
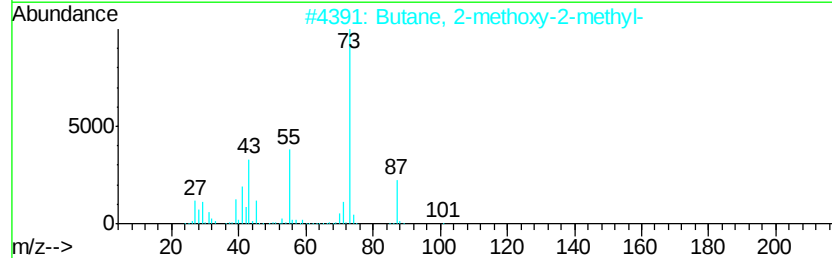
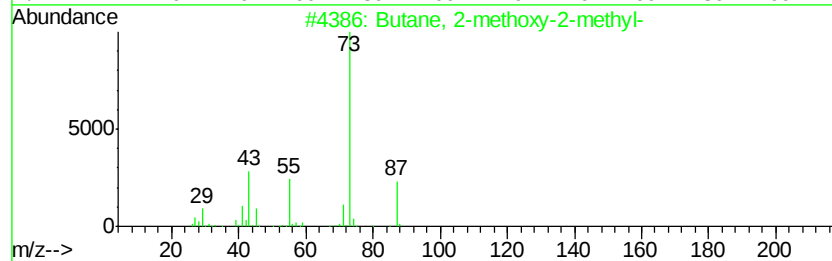
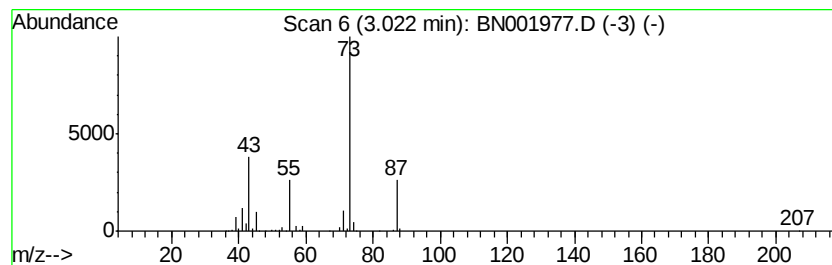
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	4.21 ng/ul	712909	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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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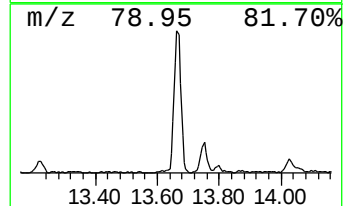
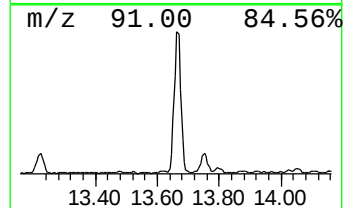
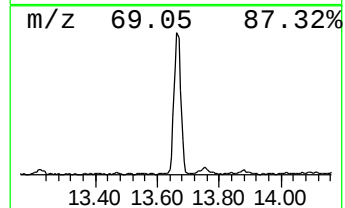
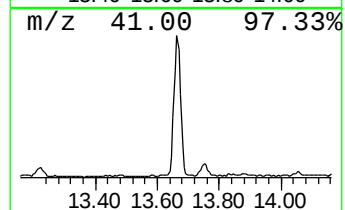
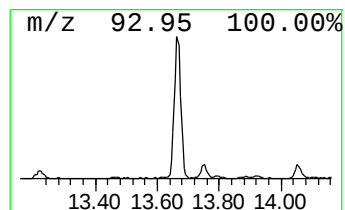
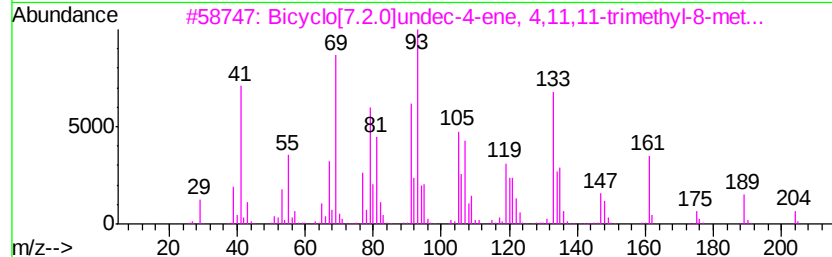
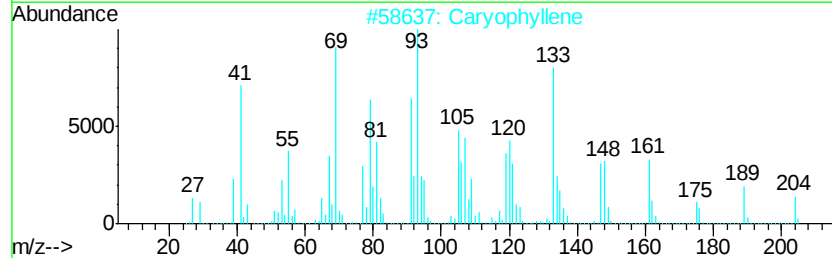
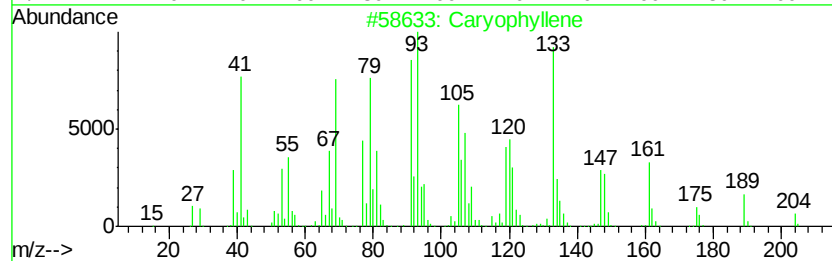
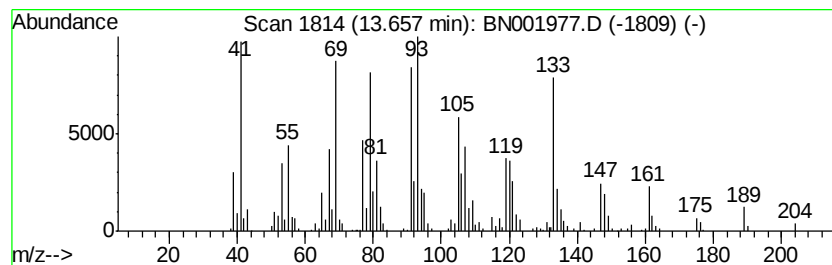
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Caryophyllene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.19 ng/ul	1206330	Acenaphthene-d10	14.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Caryophyllene	204 C15H24	000087-44-5	99
2	Caryophyllene	204 C15H24	000087-44-5	98
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5	93
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5	93
5	Caryophyllene	204 C15H24	000087-44-5	91



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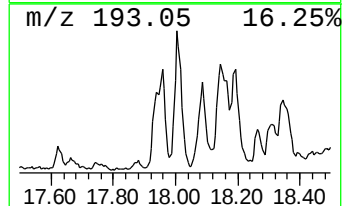
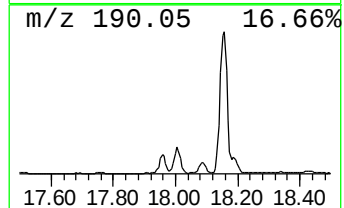
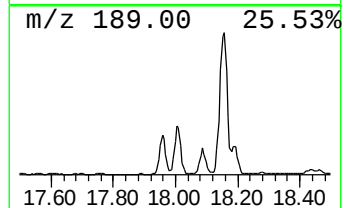
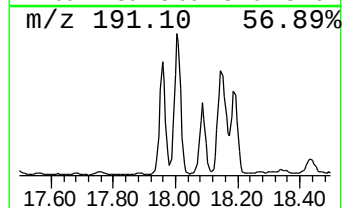
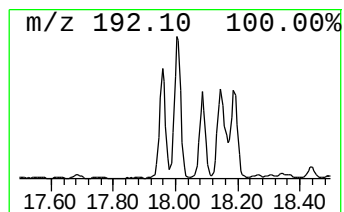
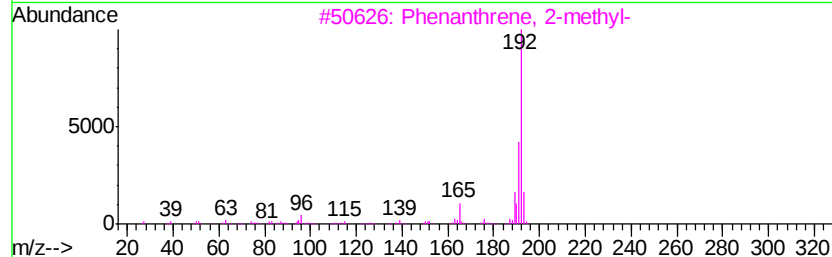
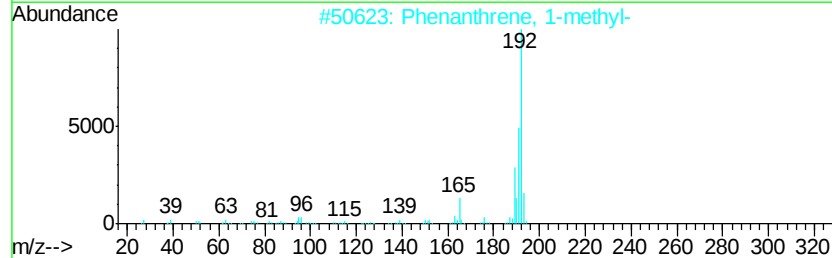
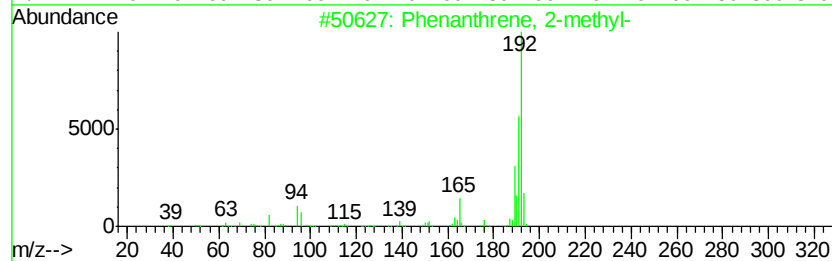
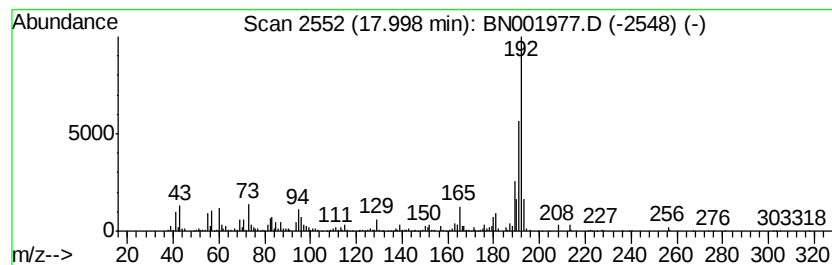
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.50 ng/ul	1511930	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
Operator : JU/SJ
Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

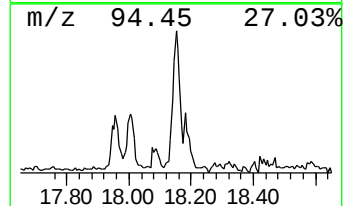
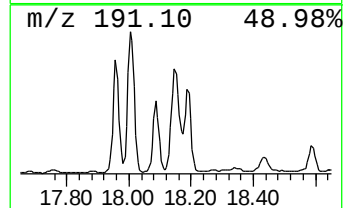
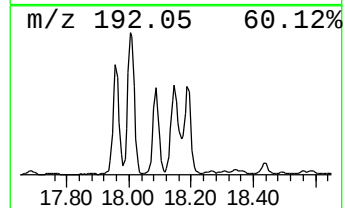
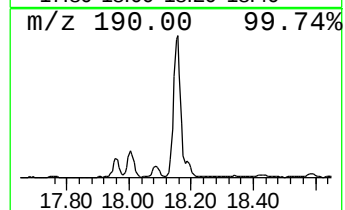
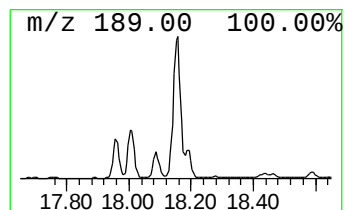
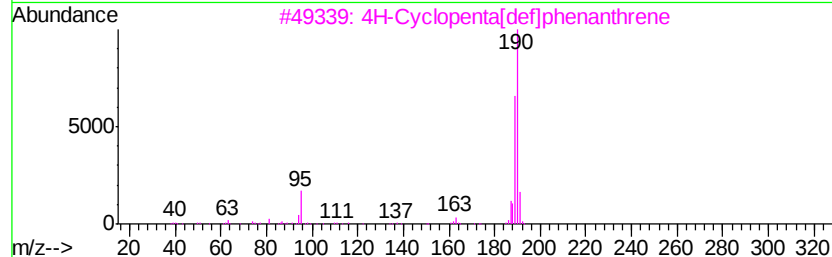
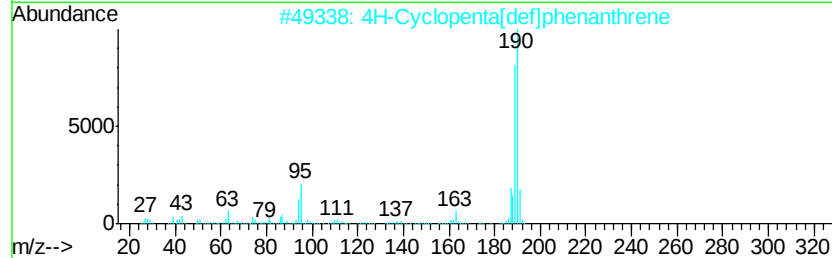
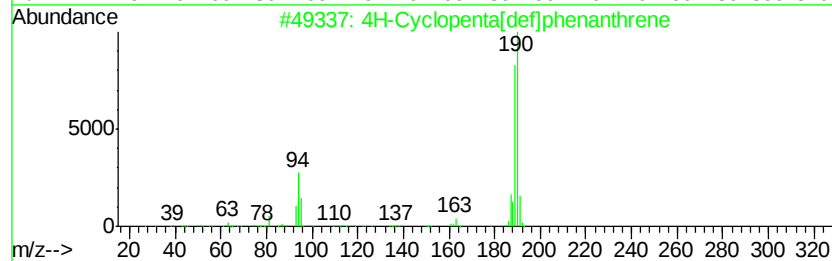
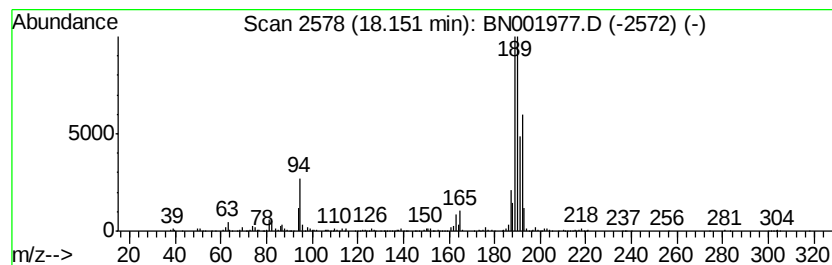
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.15	3.67 ng/ul	1583280	Phenanthrene-d10		17.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	22



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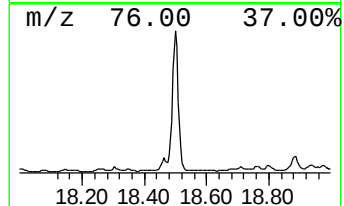
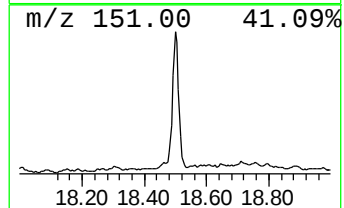
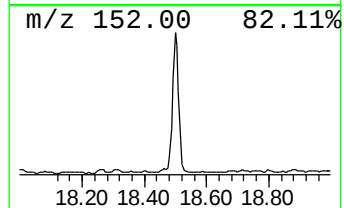
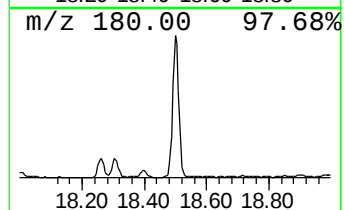
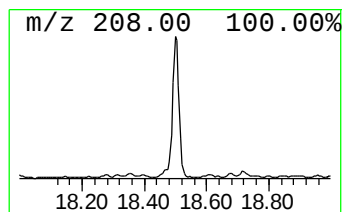
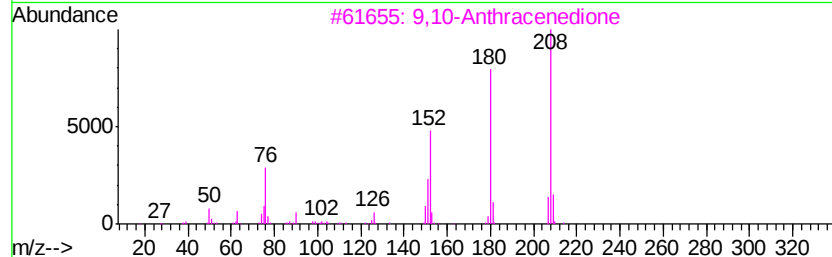
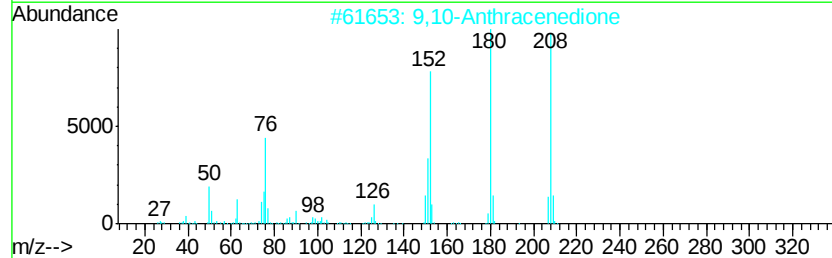
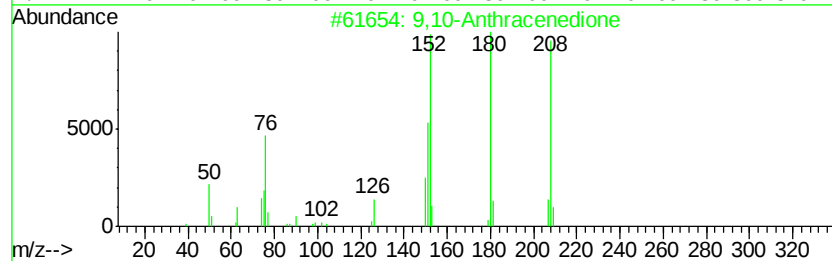
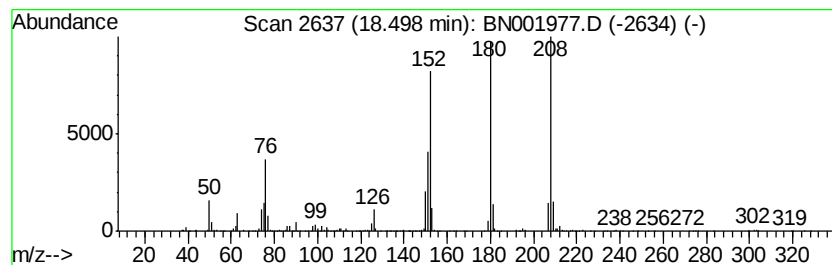
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	5.57 ng/ul	2402630	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	99
3	9,10-Anthracenedione		208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	86
5	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
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Sample : J3721-18DL 10X
Misc :
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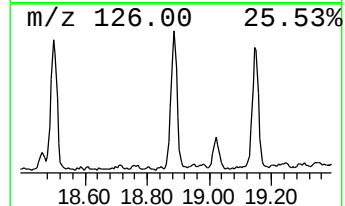
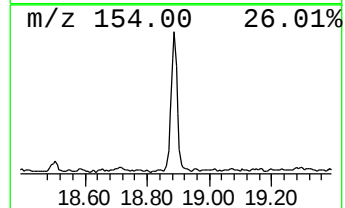
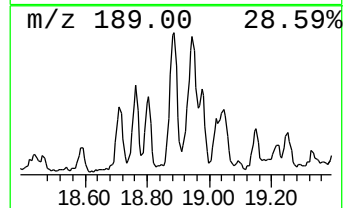
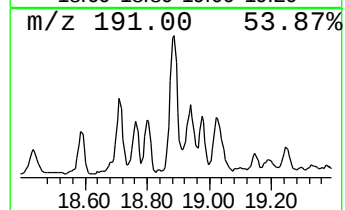
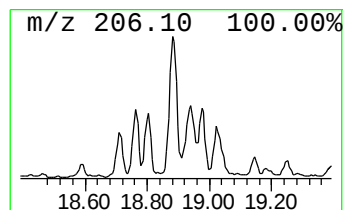
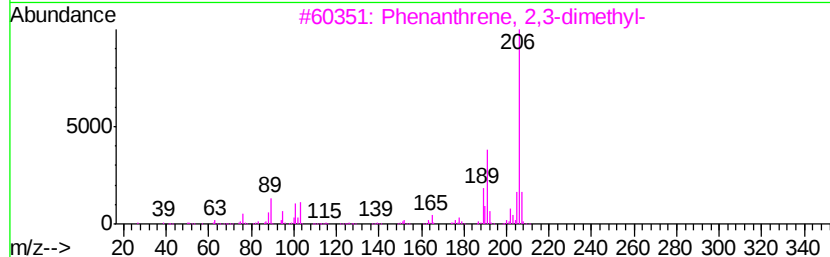
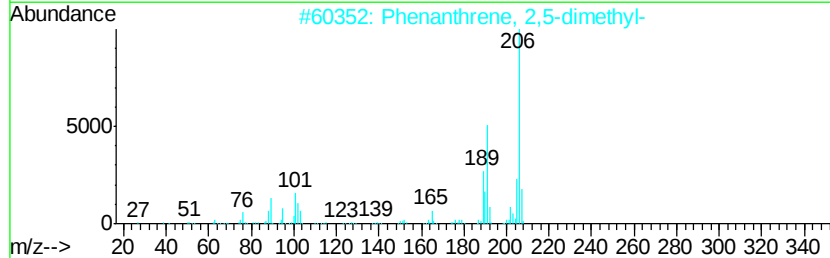
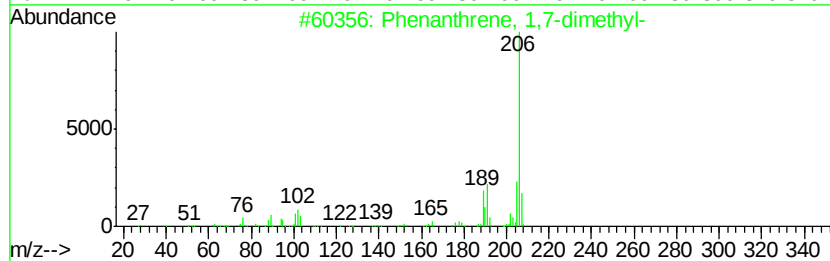
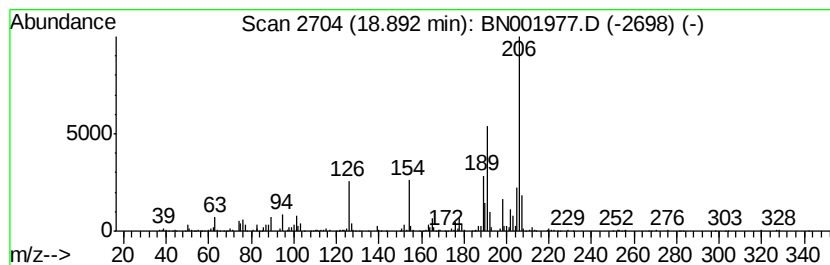
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.45 ng/ul	1058570	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	86
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
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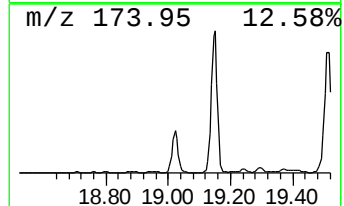
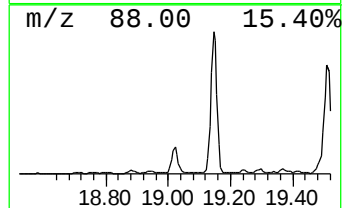
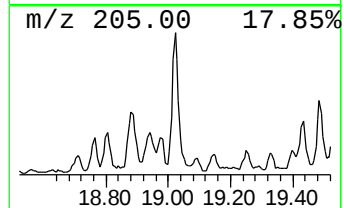
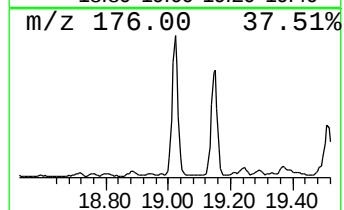
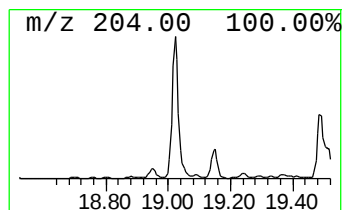
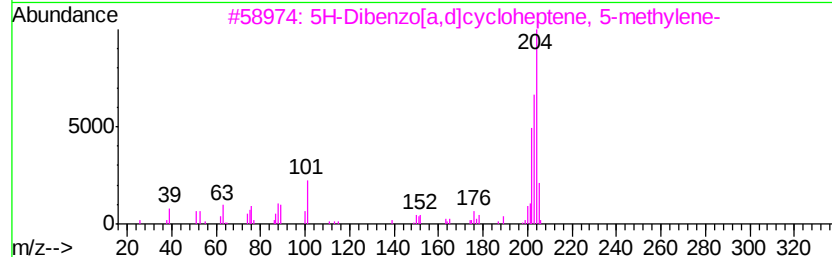
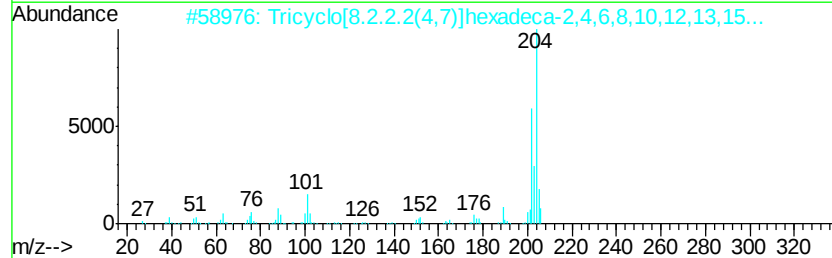
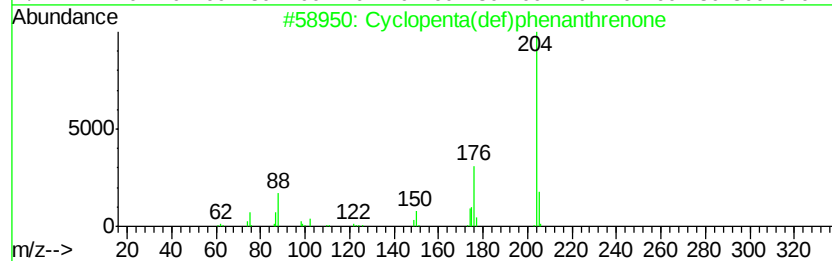
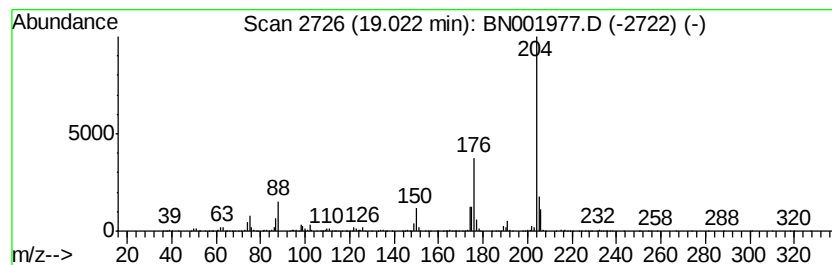
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	4.70 ng/ul	2026750	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
3		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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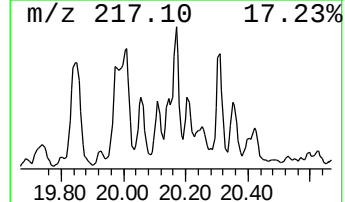
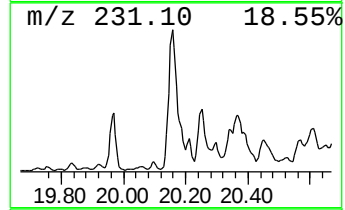
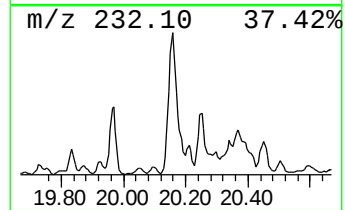
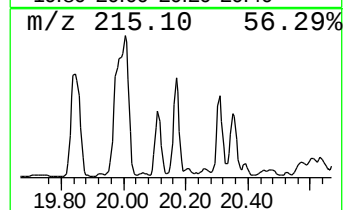
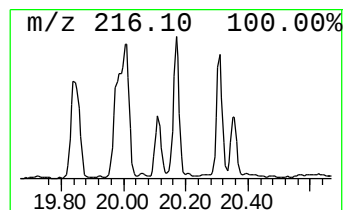
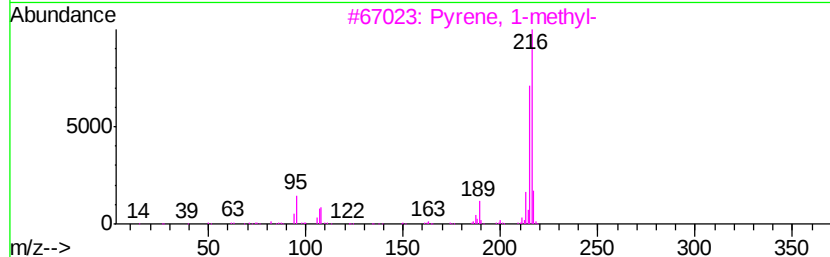
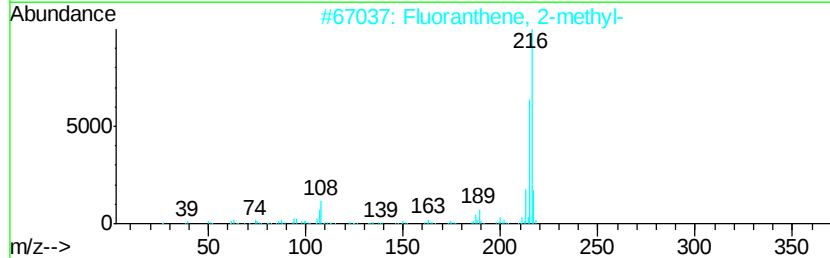
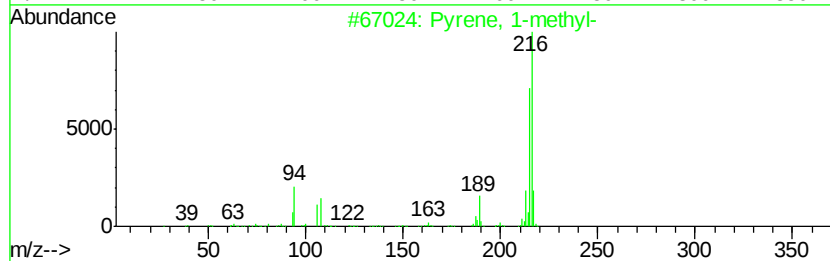
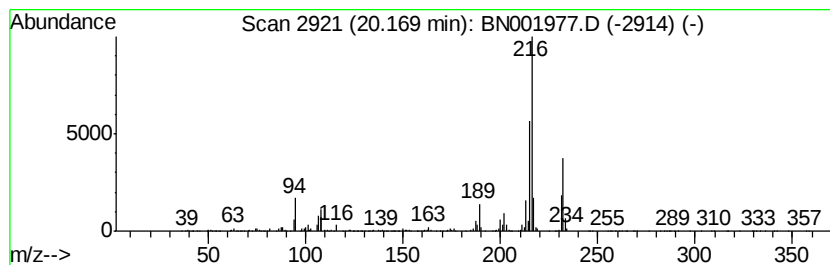
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	3.20 ng/ul	3700160	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	98
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
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Misc :
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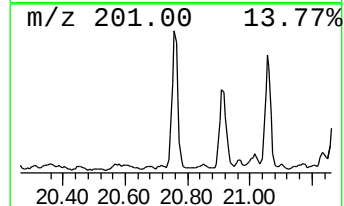
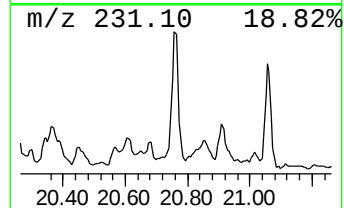
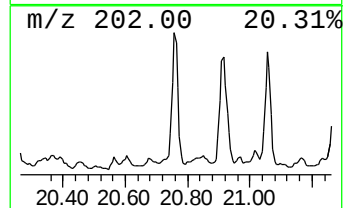
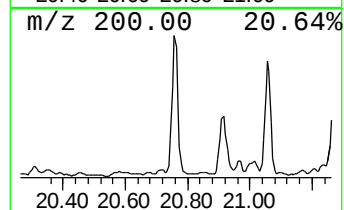
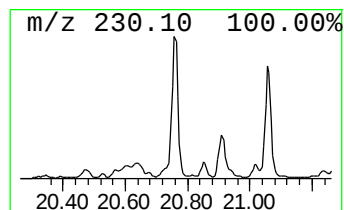
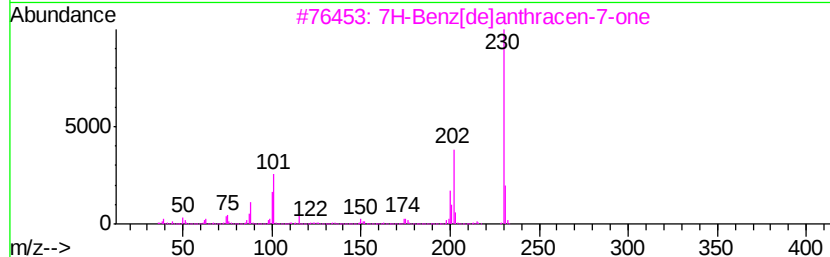
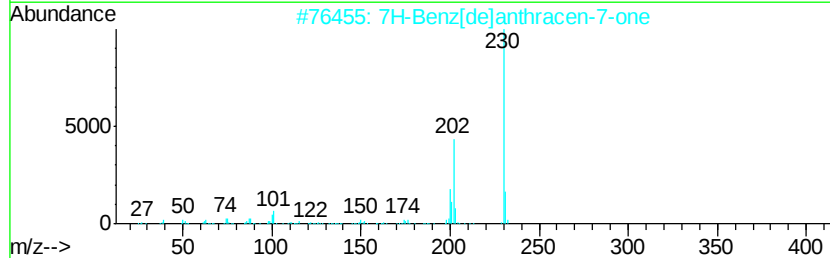
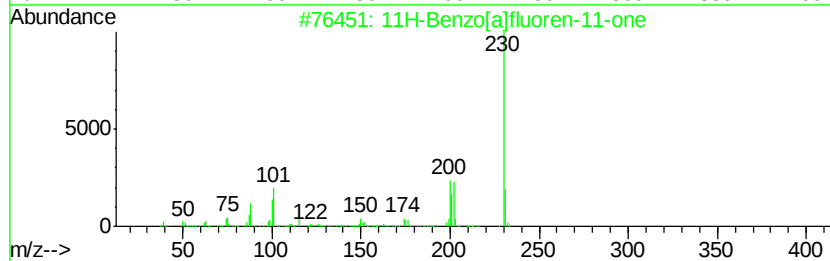
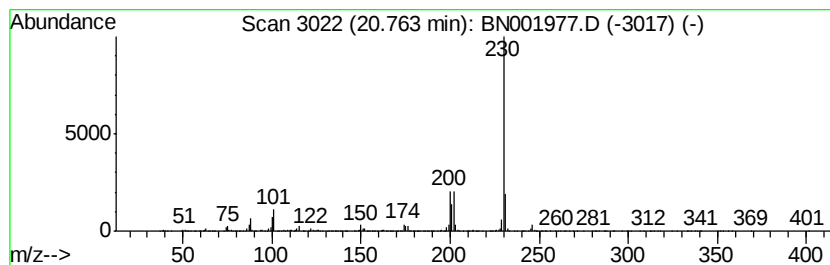
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	3.12 ng/ul	3612180	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	94
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5		o-Terphenyl	230	C18H14	000084-15-1	53



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ClientSampleId :
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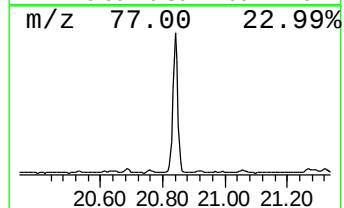
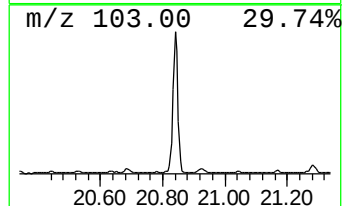
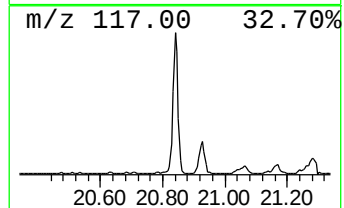
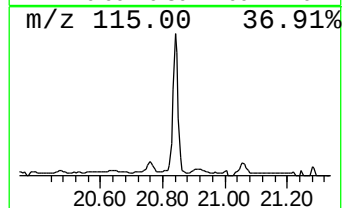
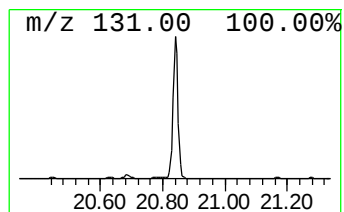
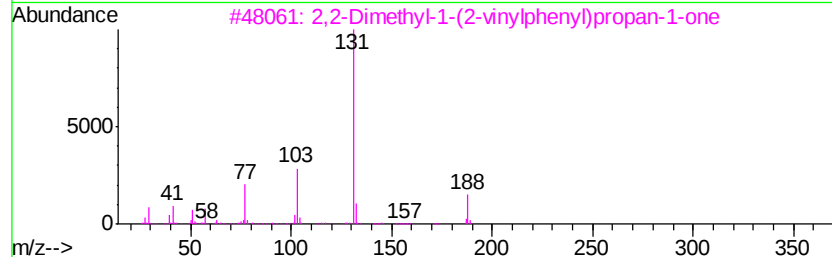
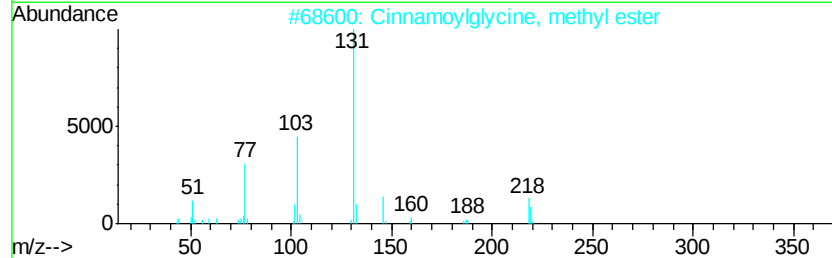
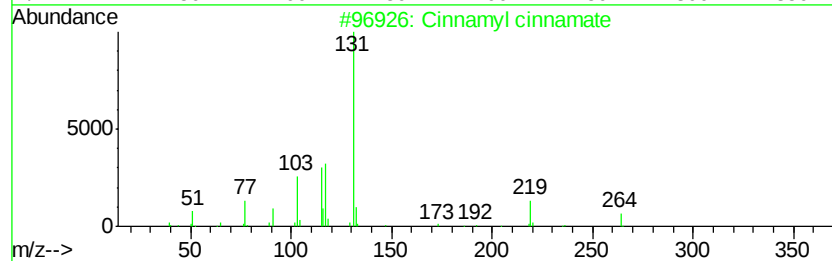
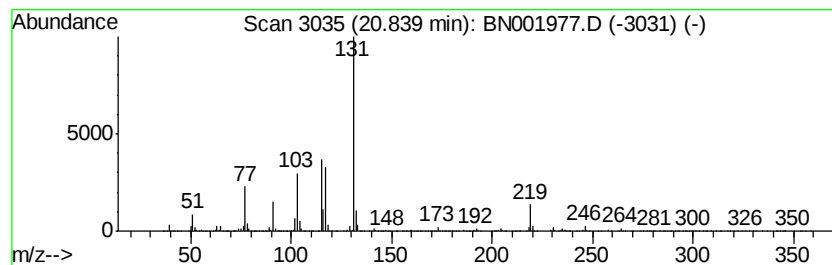
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Cinnamyl cinnamate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	4.55 ng/ul	5264250	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2		Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	53
3		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
4		2-Propenamide, N-(1-methylethyl)...	265	C18H19NO	055044-37-6	50
5		N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50



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Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
Operator : JU/SJ
Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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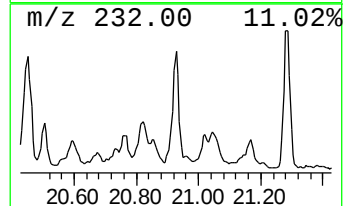
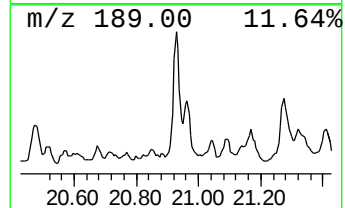
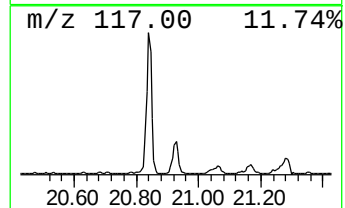
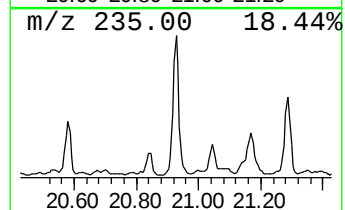
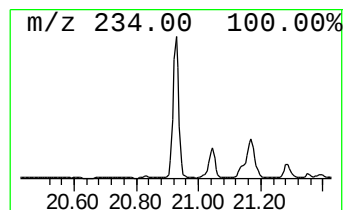
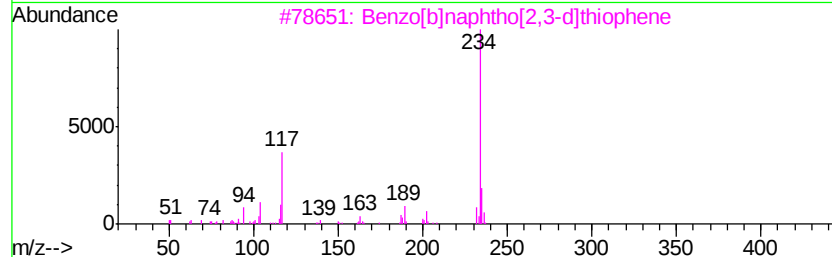
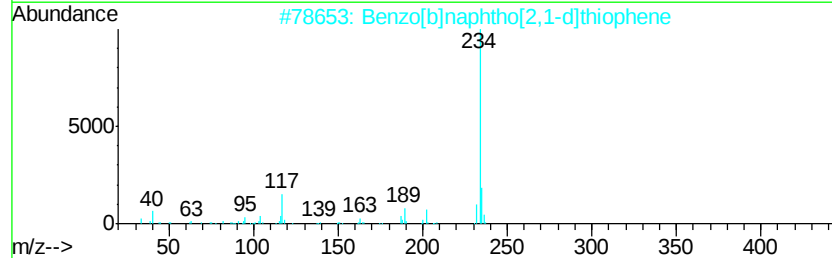
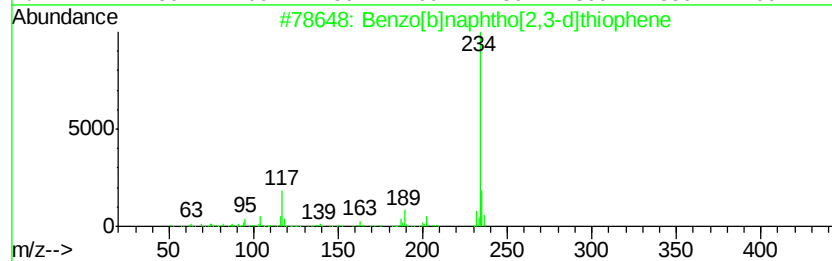
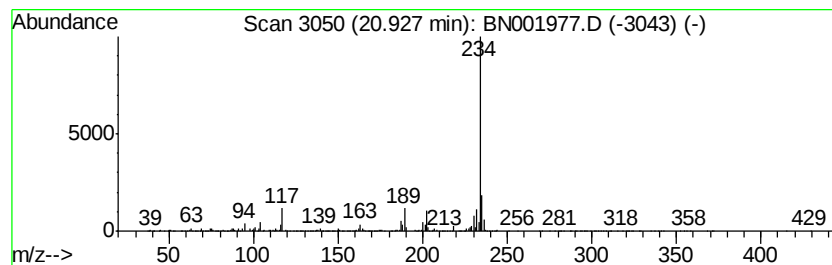
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.32 ng/ul	3843090	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
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[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
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Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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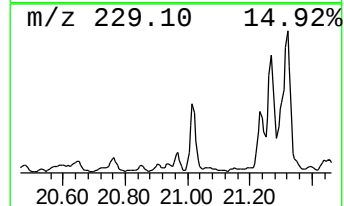
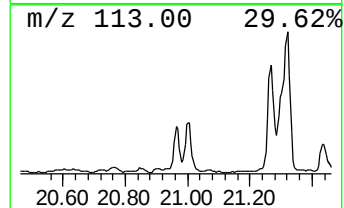
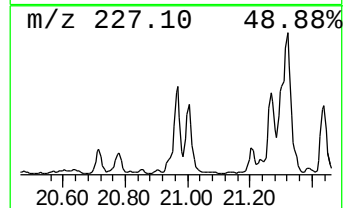
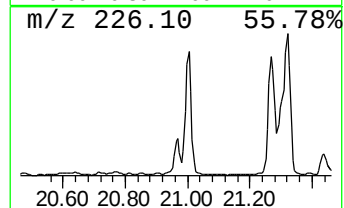
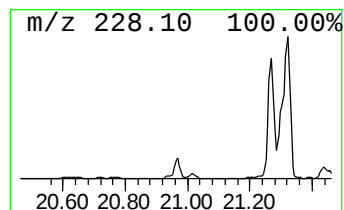
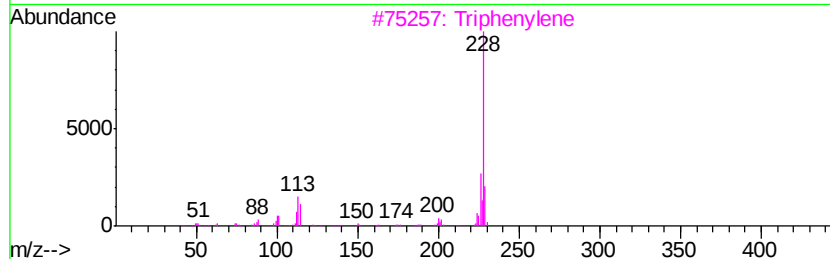
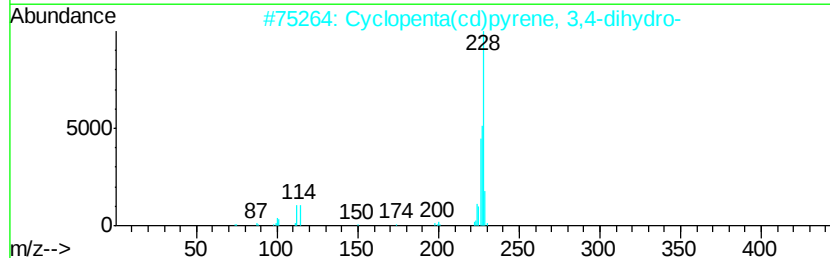
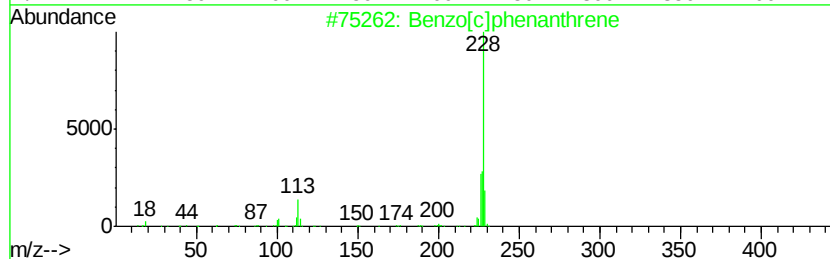
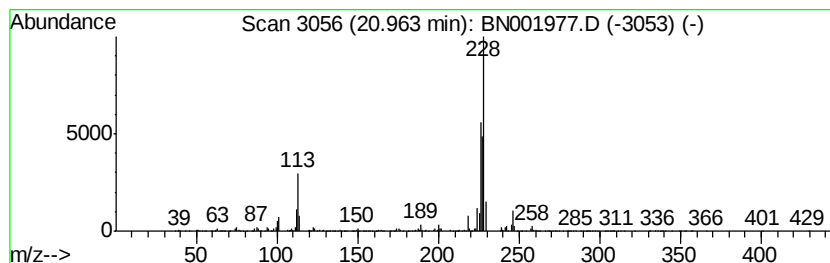
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzo[c]phenanthrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.04 ng/ul	2359500	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	62
2		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
3		Triphenylene	228	C18H12	000217-59-4	50
4		Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5		Triphenylene	228	C18H12	000217-59-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
Operator : JU/SJ
Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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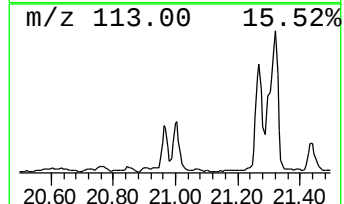
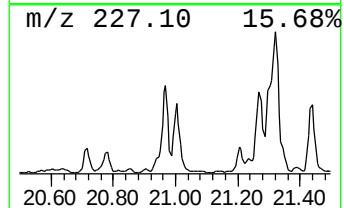
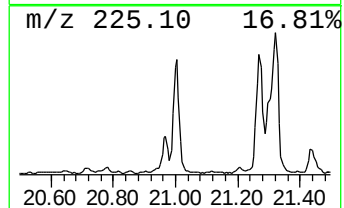
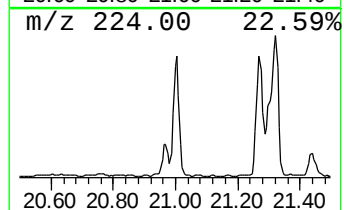
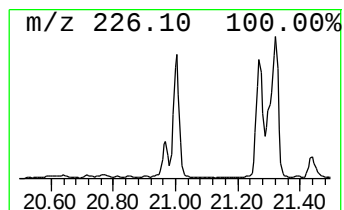
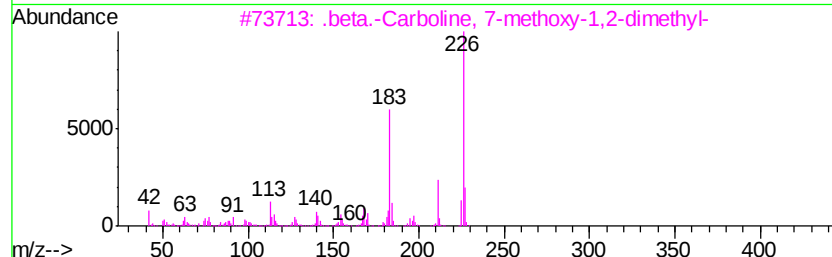
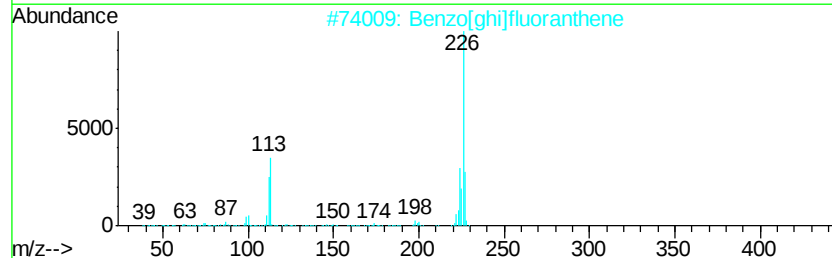
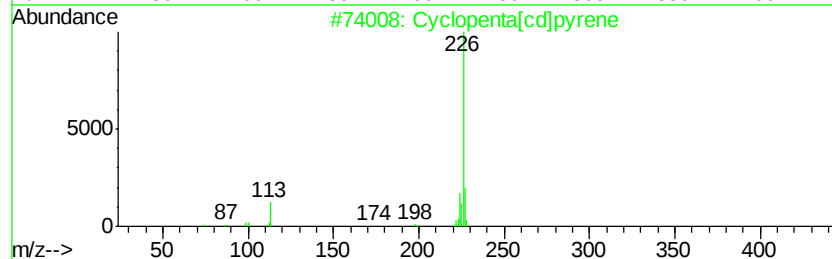
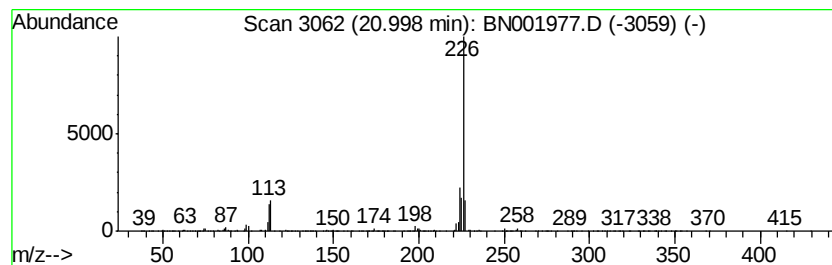
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.39 ng/ul	3925940	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
5		1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
Operator : JU/SJ
Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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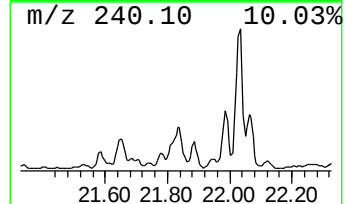
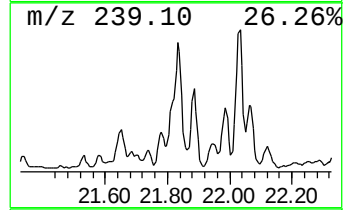
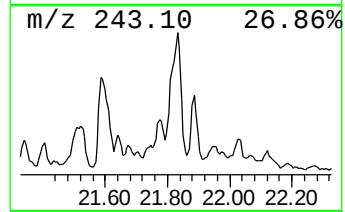
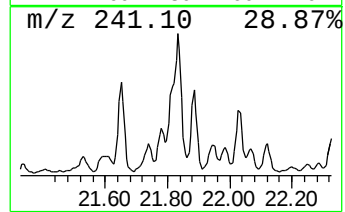
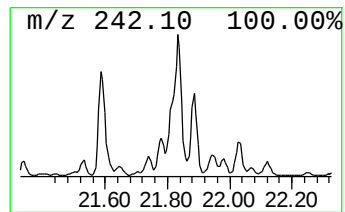
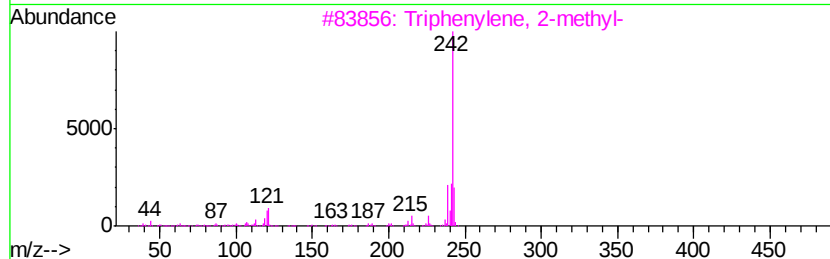
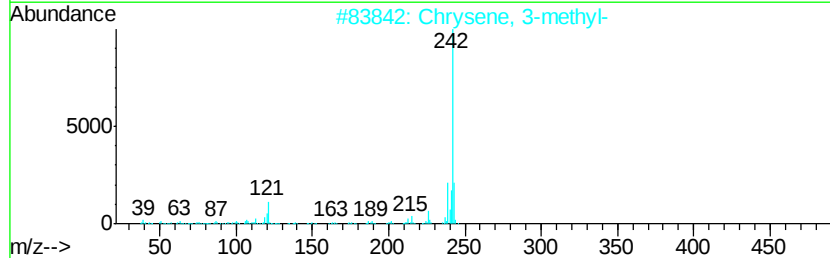
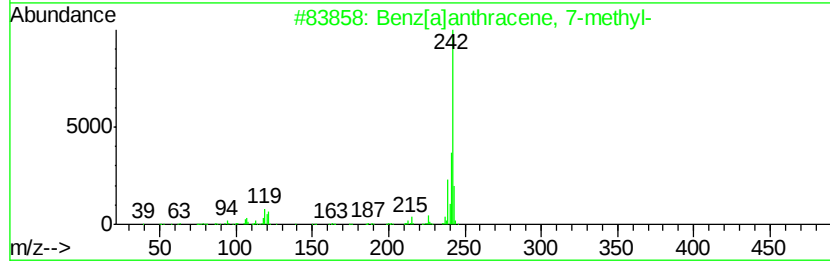
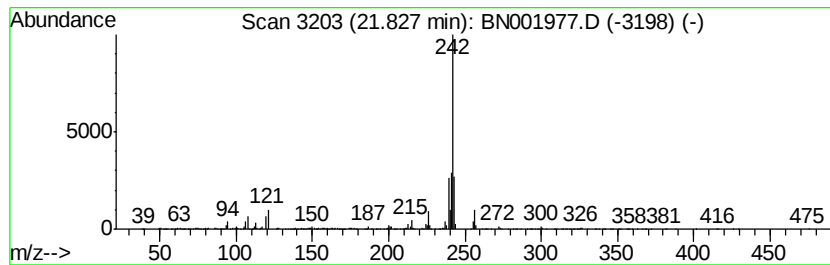
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.53 ng/ul	2927820	Chrysene-d12	21.29

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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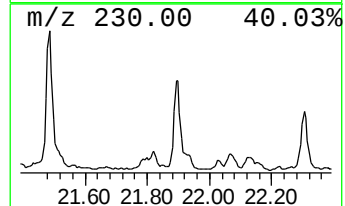
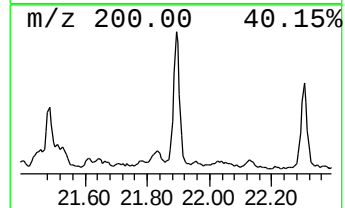
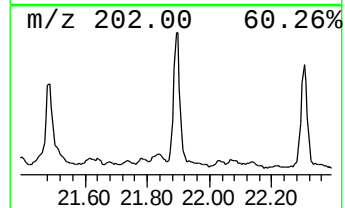
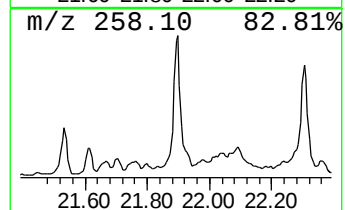
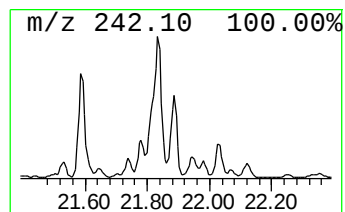
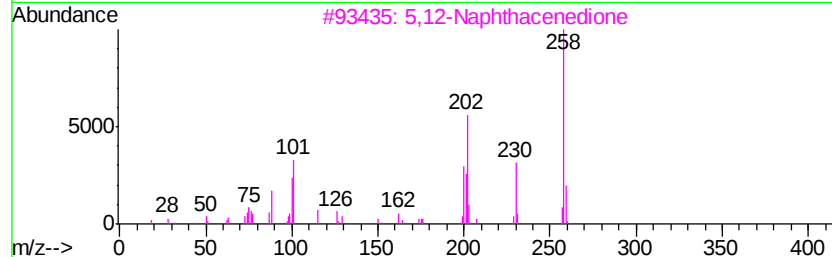
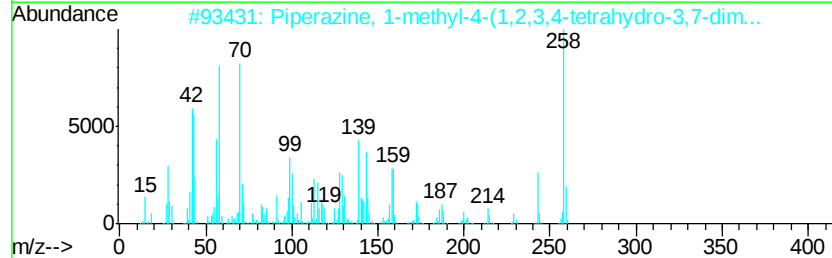
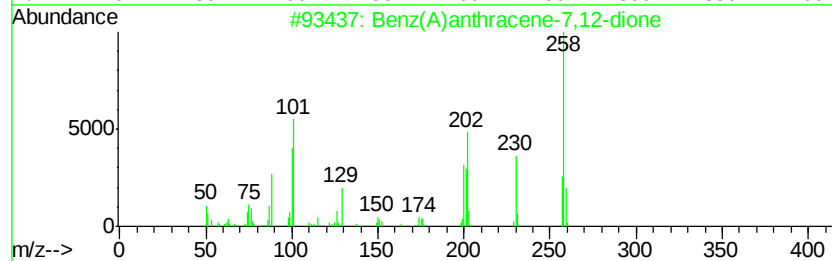
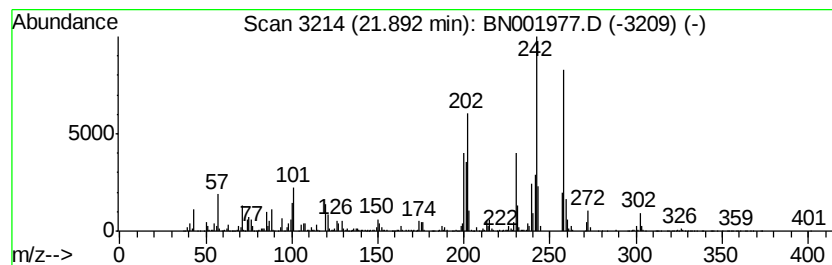
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benz(A)anthracene-7,12-dione Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.31 ng/ul	2679620	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	90
2		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
3		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	89
4		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	83
5		Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
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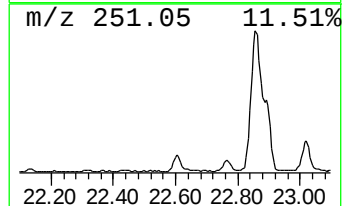
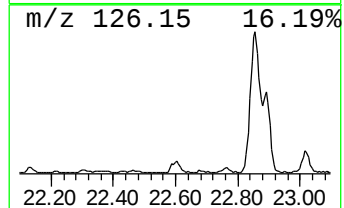
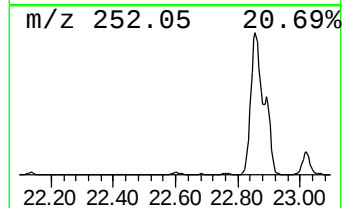
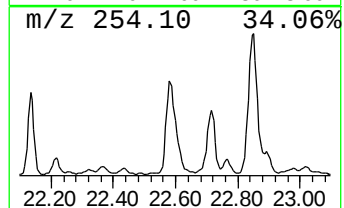
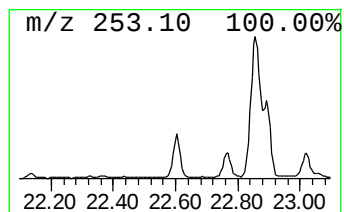
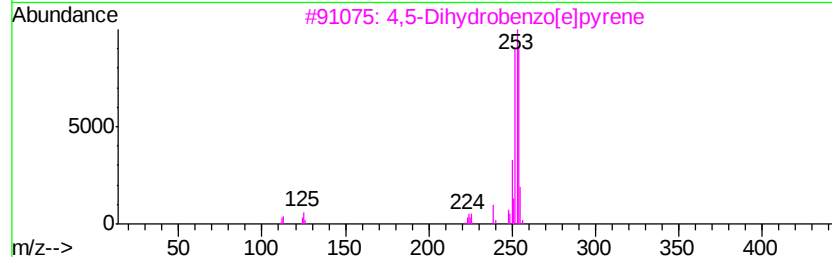
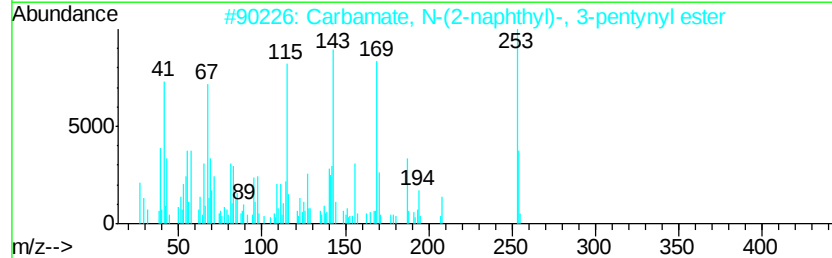
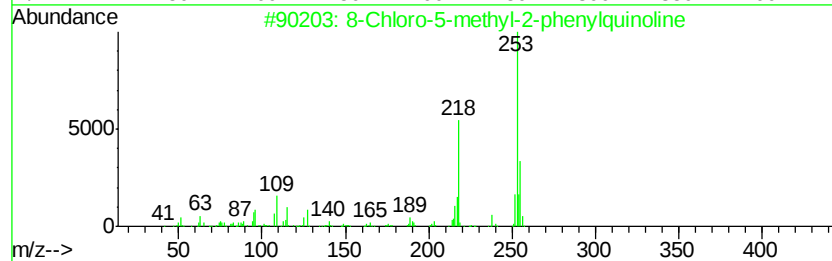
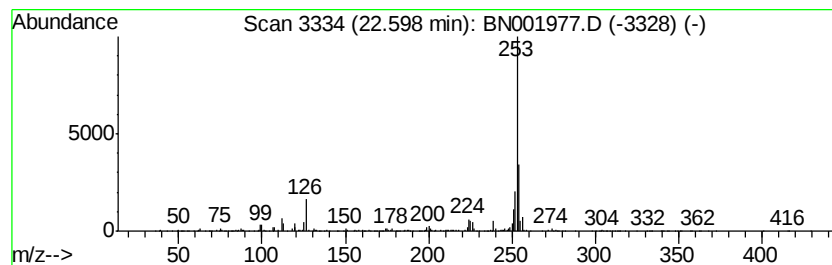
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 8-Chloro-5-methyl-2-phenylq... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	7.80 ng/ul	2702960	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	53
2		Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	47
3		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	38
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	38
5		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
Operator : JU/SJ
Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H03DL

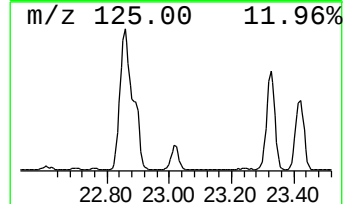
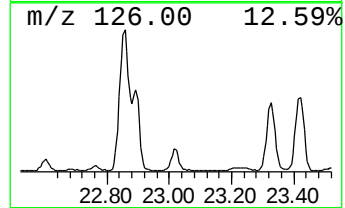
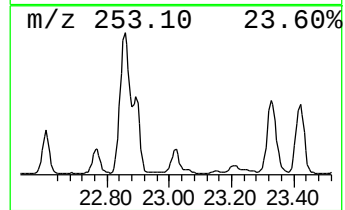
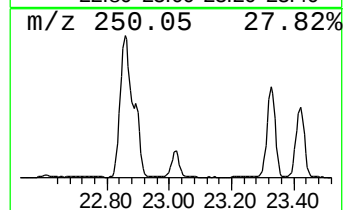
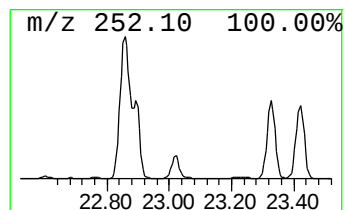
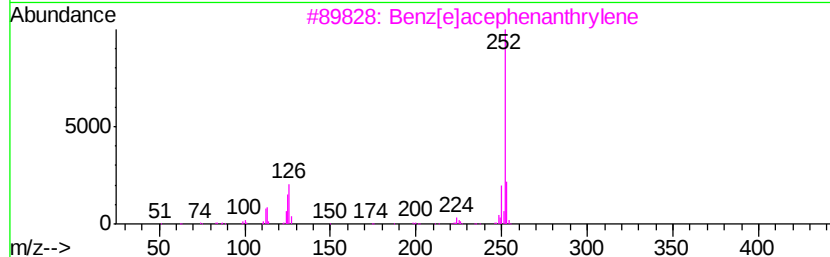
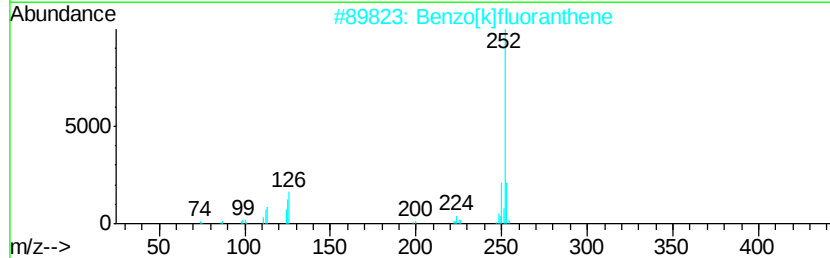
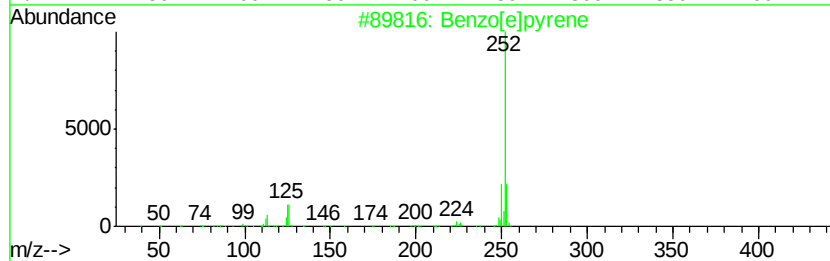
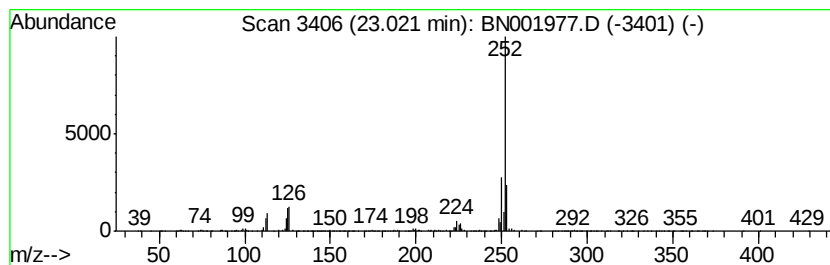
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	6.37 ng/ul	2210140	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
Operator : JU/SJ
Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H03DL

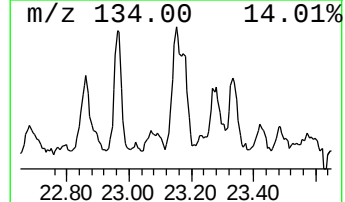
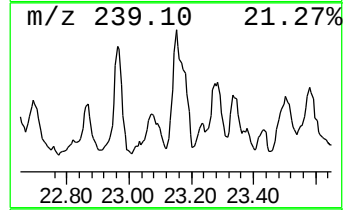
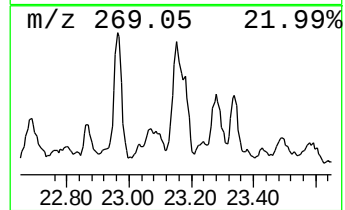
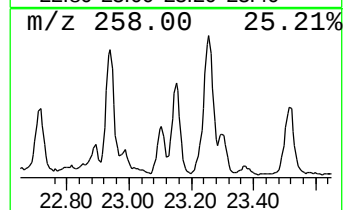
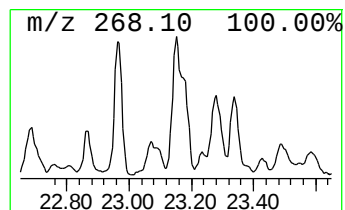
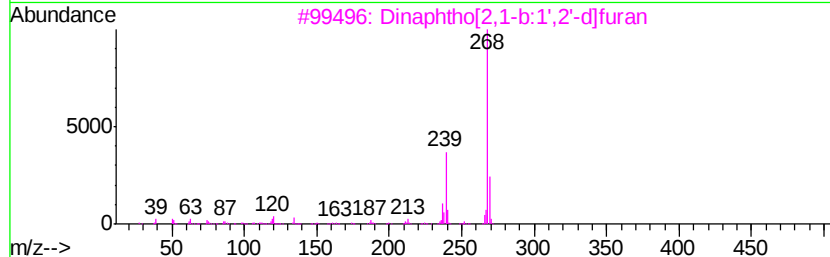
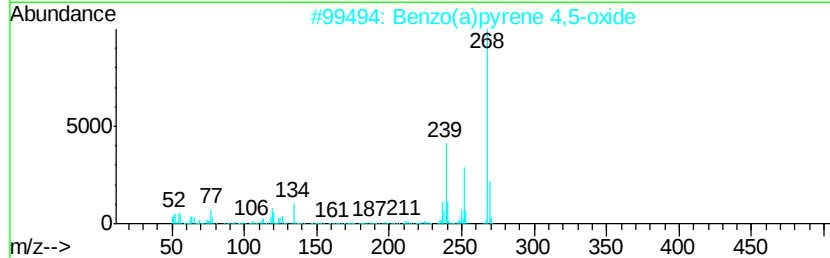
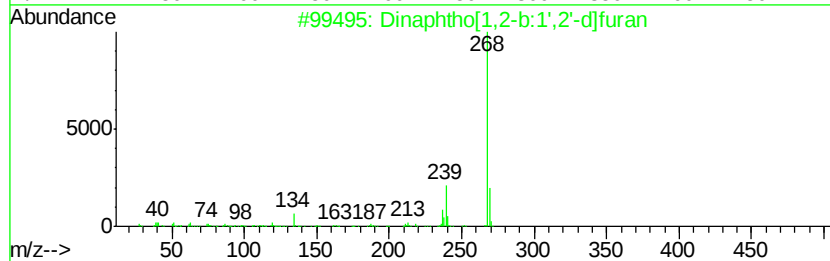
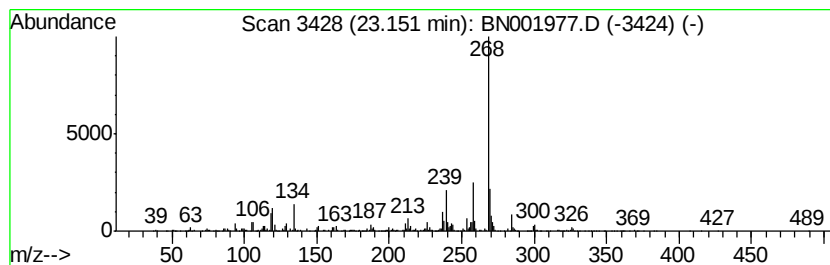
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	4.20 ng/ul	1455180	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
5		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001977.D
Acq On : 05 Jul 2018 20:52
Operator : JU/SJ
Sample : J3721-18DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H03DL

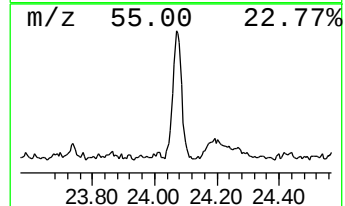
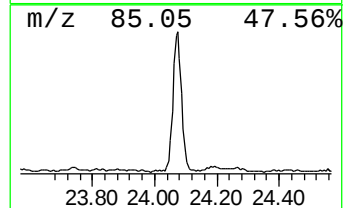
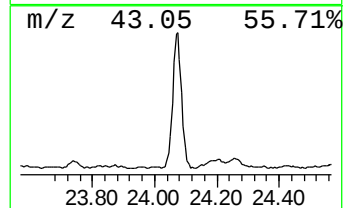
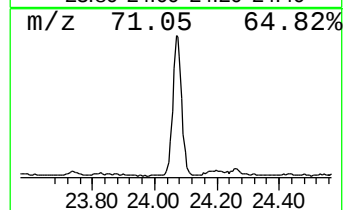
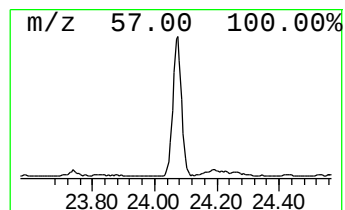
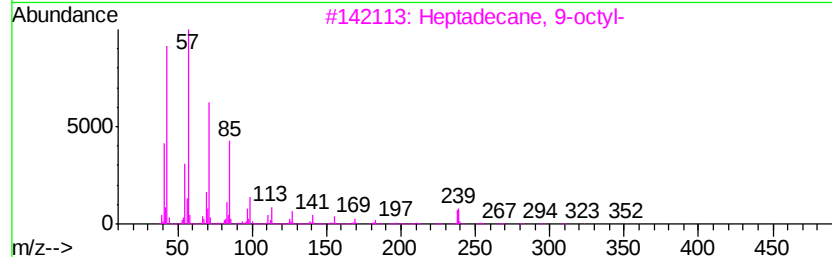
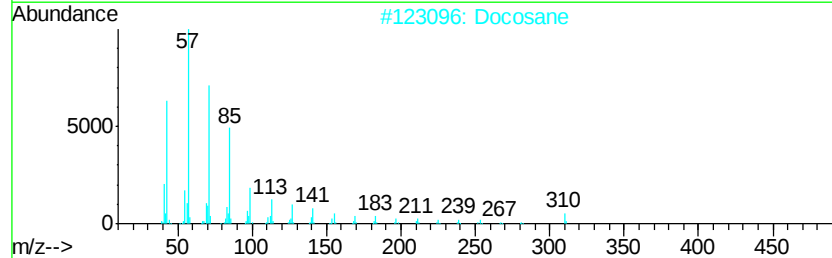
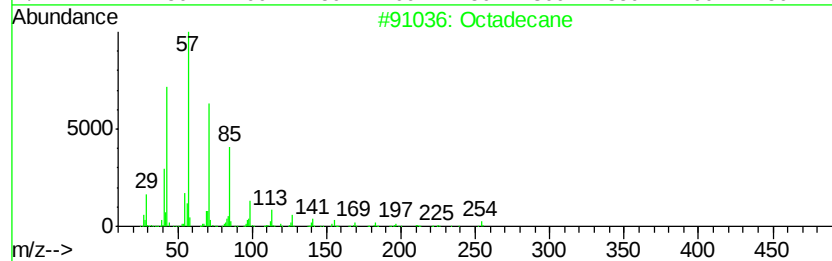
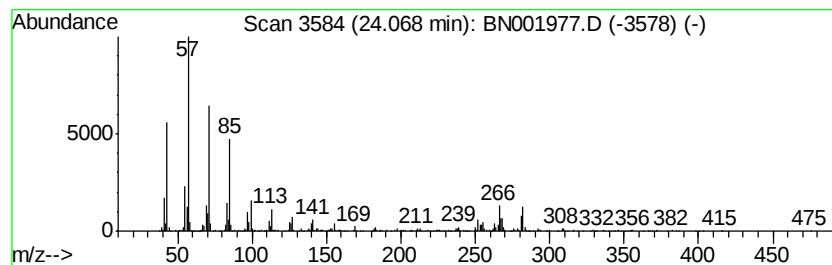
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	5.12 ng/ul	1776800	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	97
2		Docosane	310	C22H46	000629-97-0	97
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	91
5		Eicosane	282	C20H42	000112-95-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
 Data File : BN001977.D
 Acq On : 05 Jul 2018 20:52
 Operator : JU/SJ
 Sample : J3721-18DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H03DL

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	4.2	ng/ul	712909	1	7.71	3389760	20.0
Caryophyllene	13.66	3.2	ng/ul	1206330	3	14.34	7572280	20.0
Phenanthrene, 2-m...	18.00	3.5	ng/ul	1511930	4	17.09	8631290	20.0
4H-Cyclopenta[def...	18.15	3.7	ng/ul	1583280	4	17.09	8631290	20.0
9,10-Anthracenedione	18.50	5.6	ng/ul	2402630	4	17.09	8631290	20.0
Phenanthrene, 1,7...	18.89	2.5	ng/ul	1058570	4	17.09	8631290	20.0
Cyclopenta(def)ph...	19.02	4.7	ng/ul	2026750	4	17.09	8631290	20.0
Pyrene, 1-methyl-	20.17	3.2	ng/ul	3700160	5	21.29	23150700	20.0
11H-Benzo[a]fluor...	20.76	3.1	ng/ul	3612180	5	21.29	23150700	20.0
Cinnamyl cinnamate	20.84	4.5	ng/ul	5264250	5	21.29	23150700	20.0
Benzo[b]naphtho[2...	20.93	3.3	ng/ul	3843090	5	21.29	23150700	20.0
Benzo[c]phenanthrene	20.96	2.0	ng/ul	2359500	5	21.29	23150700	20.0
Cyclopenta[cd]pyrene	21.00	3.4	ng/ul	3925940	5	21.29	23150700	20.0
Benz[a]anthracene...	21.83	2.5	ng/ul	2927820	5	21.29	23150700	20.0
Benz(A)anthracene...	21.89	2.3	ng/ul	2679620	5	21.29	23150700	20.0
8-Chloro-5-methyl...	22.60	7.8	ng/ul	2702960	6	23.52	6934200	20.0
Benzo[e]pyrene	23.02	6.4	ng/ul	2210140	6	23.52	6934200	20.0
Dinaphtho[1,2-b:1...	23.15	4.2	ng/ul	1455180	6	23.52	6934200	20.0
(DEL) Alkane: Str...	24.07	5.1	ng/ul	1776800	6	23.52	6934200	20.0