

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001990.D
 Acq On : 06 Jul 2018 15:20
 Operator : JU/SJ
 Sample : J3765-07DL 25X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H09DL

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	3.017	3	5	17	rVB	194423	296170	0.97%	0.094%
2	6.887	656	663	671	rBV	104823	197141	0.65%	0.062%
3	7.046	682	690	699	rBV	89847	151746	0.50%	0.048%
4	7.246	717	724	733	rVB	115763	193992	0.64%	0.061%
5	7.705	795	802	812	rBV	1921974	3197673	10.49%	1.011%
6	8.240	884	893	902	rBV	116701	219009	0.72%	0.069%
7	8.410	915	922	928	rBV	124075	212397	0.70%	0.067%
8	8.852	991	997	1004	rBV	102228	174025	0.57%	0.055%
9	10.104	1204	1210	1216	rVB	133483	227587	0.75%	0.072%
10	10.481	1266	1274	1280	rBV	3024914	5151119	16.89%	1.629%
11	10.528	1280	1282	1289	rVB	258007	362450	1.19%	0.115%
12	11.987	1522	1530	1536	rBV	80491	172342	0.57%	0.055%
13	12.146	1551	1557	1564	rBV	151548	238877	0.78%	0.076%
14	13.663	1804	1815	1820	rBV2	522291	805174	2.64%	0.255%
15	13.751	1825	1830	1834	rVV	262118	392386	1.29%	0.124%
16	14.057	1871	1882	1894	rBV2	1129190	2210446	7.25%	0.699%
17	14.340	1920	1930	1936	rBV2	4351444	6927933	22.72%	2.191%
18	14.398	1936	1940	1948	rVB	209952	349091	1.14%	0.110%
19	14.734	1992	1997	2007	rVB	252759	422870	1.39%	0.134%
20	15.334	2093	2099	2104	rVV	468388	691173	2.27%	0.219%
21	15.387	2104	2108	2115	rVB2	275344	420572	1.38%	0.133%
22	15.681	2154	2158	2162	rVV	92570	147202	0.48%	0.047%
23	15.828	2180	2183	2193	rVB	124017	259281	0.85%	0.082%
24	16.057	2216	2222	2227	rBV2	286385	540610	1.77%	0.171%
25	16.663	2321	2325	2329	rVV2	134710	186728	0.61%	0.059%
26	16.739	2333	2338	2345	rVB	388225	603820	1.98%	0.191%
27	16.816	2346	2351	2356	rBV2	98942	197054	0.65%	0.062%
28	16.904	2362	2366	2374	rVB	153666	279556	0.92%	0.088%
29	16.998	2378	2382	2388	rVB	201516	279560	0.92%	0.088%
30	17.086	2390	2397	2401	rBV2	5589543	8484655	27.82%	2.683%
31	17.128	2401	2404	2409	rVV	2144936	2755522	9.04%	0.871%
32	17.181	2409	2413	2414	rVV	437127	496613	1.63%	0.157%
33	17.216	2414	2419	2425	rVV	7845975	11560043	37.91%	3.656%
34	17.269	2425	2428	2436	rVB2	316110	516632	1.69%	0.163%

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35	17.486	2456	2465	2470	rBV	2758920	4125430	13.53%	1.305%
36	17.604	2482	2485	2491	rVV3	183061	238174	0.78%	0.075%
37	17.751	2506	2510	2515	rBV6	84558	144280	0.47%	0.046%
38	17.957	2538	2545	2548	rBV2	265465	475972	1.56%	0.151%
39	18.004	2548	2553	2561	rVB2	546796	974941	3.20%	0.308%
40	18.086	2562	2567	2572	rBV	880246	1329241	4.36%	0.420%
41	18.157	2572	2579	2583	rVV2	703121	1389645	4.56%	0.439%
42	18.192	2583	2585	2591	rVB	318705	388966	1.28%	0.123%
43	18.263	2593	2597	2601	rBV3	252698	493035	1.62%	0.156%
44	18.310	2602	2605	2609	rVV	218062	369432	1.21%	0.117%
45	18.351	2609	2612	2617	rVB	358908	517970	1.70%	0.164%
46	18.463	2628	2631	2634	rBV	224082	304952	1.00%	0.096%
47	18.504	2634	2638	2643	rVB	1473889	1914336	6.28%	0.605%
48	18.716	2671	2674	2676	rBV	234276	242497	0.80%	0.077%
49	18.804	2686	2689	2695	rVB2	344390	437626	1.44%	0.138%
50	18.886	2699	2703	2708	rVB2	773305	1205751	3.95%	0.381%
51	19.028	2722	2727	2736	rVB	1809327	2860771	9.38%	0.905%
52	19.151	2743	2748	2756	rVB	15055726	21252576	69.69%	6.721%
53	19.222	2756	2760	2762	rBV	291154	408558	1.34%	0.129%
54	19.251	2762	2765	2769	rVB2	339881	458316	1.50%	0.145%
55	19.304	2769	2774	2777	rBV2	416977	605077	1.98%	0.191%
56	19.351	2779	2782	2785	rBV	190557	274687	0.90%	0.087%
57	19.392	2787	2789	2793	rVB	372269	435148	1.43%	0.138%
58	19.486	2800	2805	2806	rBV	2970436	3521090	11.55%	1.114%
59	19.516	2806	2810	2818	rVV	15104418	23386652	76.69%	7.396%
60	19.592	2819	2823	2829	rVV2	710182	1391412	4.56%	0.440%
61	19.698	2837	2841	2846	rBV	855889	1438039	4.72%	0.455%
62	19.757	2847	2851	2858	rVB3	909450	1560874	5.12%	0.494%
63	19.845	2860	2866	2872	rBV4	2050985	4618690	15.14%	1.461%
64	19.980	2884	2889	2899	rVB7	1807230	5763367	18.90%	1.823%
65	20.116	2909	2912	2915	rVB2	684764	747544	2.45%	0.236%
66	20.175	2916	2922	2926	rBV3	2537292	4327734	14.19%	1.369%
67	20.257	2933	2936	2941	rVB	552103	733335	2.40%	0.232%
68	20.316	2942	2946	2950	rBV	1562376	2098442	6.88%	0.664%
69	20.363	2950	2954	2958	rVB2	906241	1485132	4.87%	0.470%
70	20.575	2987	2990	2993	rBV4	507671	812702	2.66%	0.257%
71	20.686	3006	3009	3012	rBV2	428257	529910	1.74%	0.168%

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72	20.769	3019	3023	3029	rVB	3648878	4850834	15.91%	1.534%
73	20.851	3033	3037	3045	rVV2	1153283	1983892	6.51%	0.627%
74	20.933	3045	3051	3055	rVV2	2652835	5268614	17.28%	1.666%
75	20.974	3055	3058	3061	rVV	2545893	3249428	10.66%	1.028%
76	21.016	3061	3065	3070	rVV2	2856037	5150834	16.89%	1.629%
77	21.069	3070	3074	3082	rVB2	2443883	3535745	11.59%	1.118%
78	21.286	3101	3111	3116	rBV3	12682314	30496509	100.00%	9.644%
79	21.333	3116	3119	3129	rVB	10885702	15876259	52.06%	5.021%
80	21.457	3136	3140	3145	rBV2	780898	1641846	5.38%	0.519%
81	21.557	3153	3157	3161	rVB	1894178	2647231	8.68%	0.837%
82	21.598	3161	3164	3170	rBV2	1395582	2298244	7.54%	0.727%
83	21.651	3170	3173	3177	rVB2	947541	1201064	3.94%	0.380%
84	21.792	3194	3197	3199	rBV2	719880	979515	3.21%	0.310%
85	21.845	3203	3206	3210	rVB	2126719	2857440	9.37%	0.904%
86	21.898	3211	3215	3219	rBV2	1786198	2742524	8.99%	0.867%
87	22.039	3236	3239	3243	rBV	907161	1162745	3.81%	0.368%
88	22.598	3329	3334	3347	rVB3	1441792	4184851	13.72%	1.323%
89	22.727	3353	3356	3361	rVB	777174	1145918	3.76%	0.362%
90	22.869	3373	3380	3385	rBV2	11721636	26621098	87.29%	8.419%
91	23.033	3403	3408	3414	rVB	1593087	2563697	8.41%	0.811%
92	23.163	3427	3430	3440	rVB	639284	1382638	4.53%	0.437%
93	23.339	3455	3460	3467	rVB	4818386	8711421	28.57%	2.755%
94	23.433	3471	3476	3483	rVB	4814974	9053393	29.69%	2.863%
95	23.533	3486	3493	3497	rVV	3362322	6837472	22.42%	2.162%
96	23.580	3498	3501	3508	rVB2	1577749	3009197	9.87%	0.952%
97	24.080	3581	3586	3596	rVB2	1958394	4047395	13.27%	1.280%
98	25.768	3865	3873	3886	rVB3	2591181	8717009	28.58%	2.757%
99	26.074	3918	3925	3940	rVB2	2586008	7523024	24.67%	2.379%
100	26.451	3982	3989	4004	rVB	1253605	3892223	12.76%	1.231%

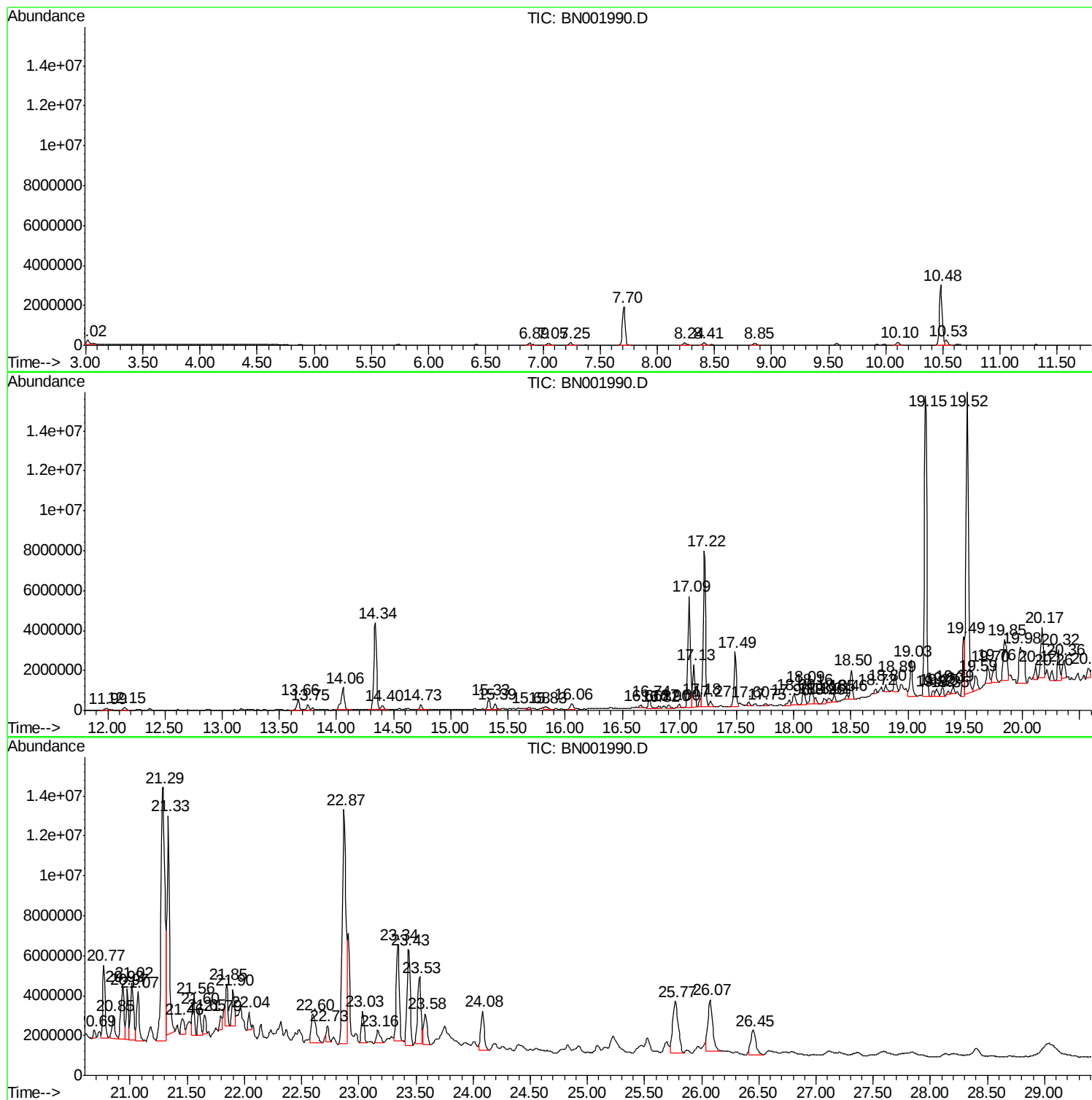
Sum of corrected areas: 316215813

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Instrument :
BNA_N
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



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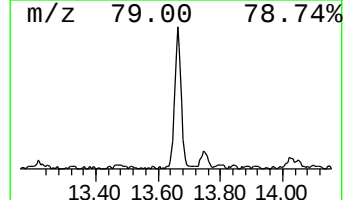
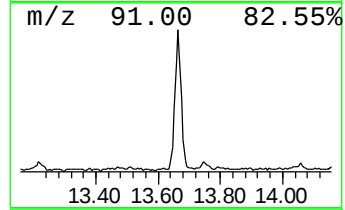
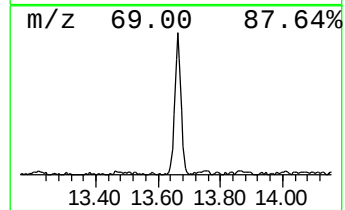
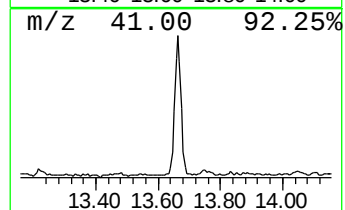
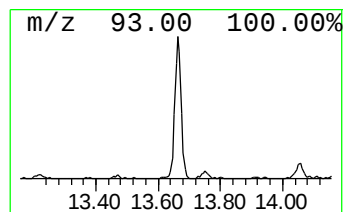
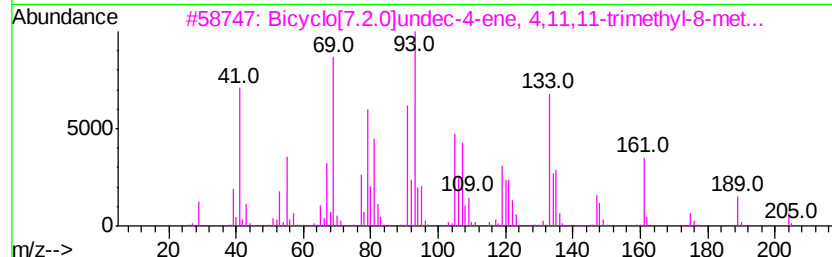
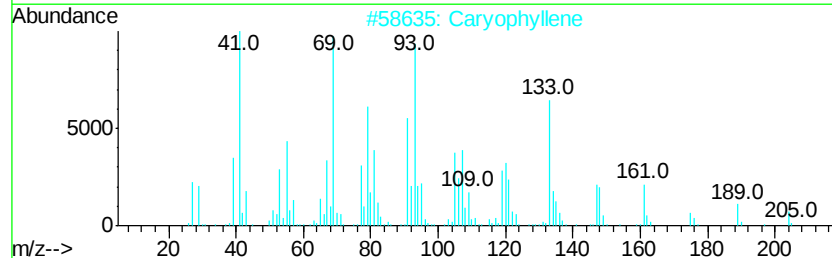
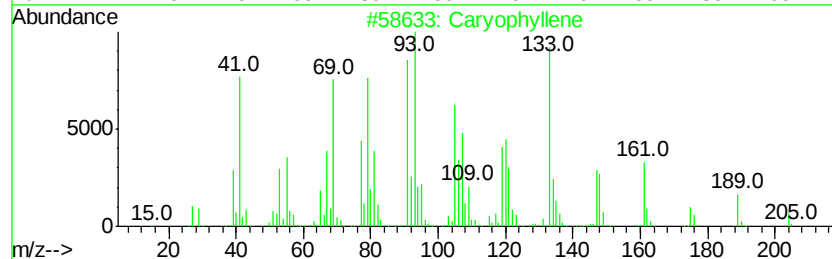
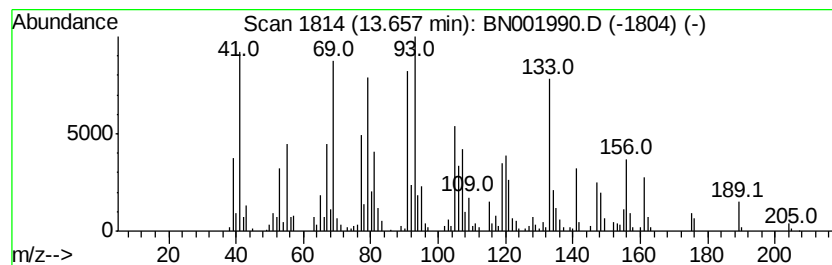
Instrument :
BNA_N
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F1H09DL

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 Caryophyllene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.32 ng/ul	805174	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 94
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	000118-65-0 91
5		Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9 90



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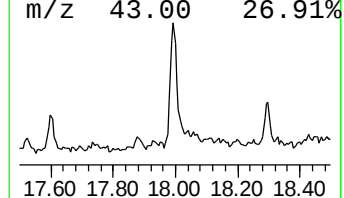
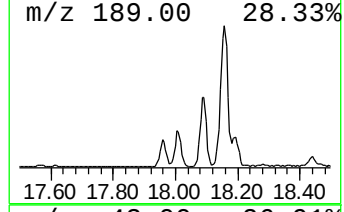
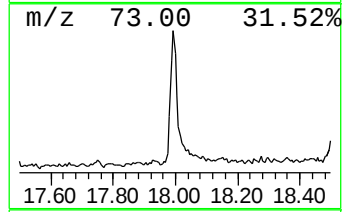
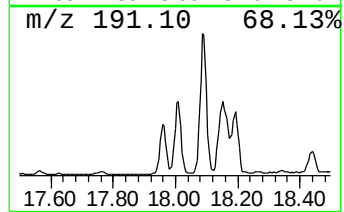
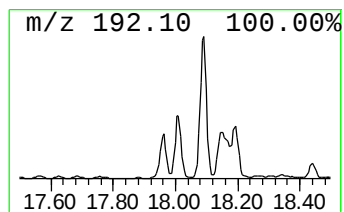
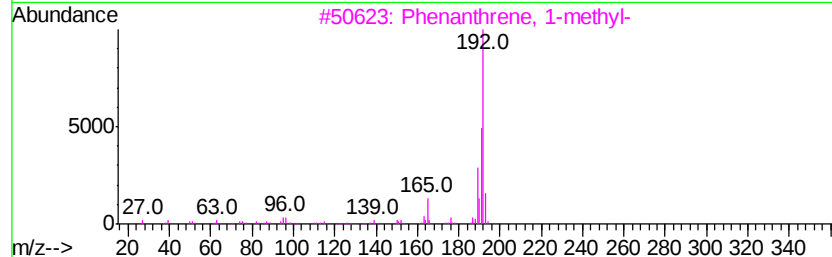
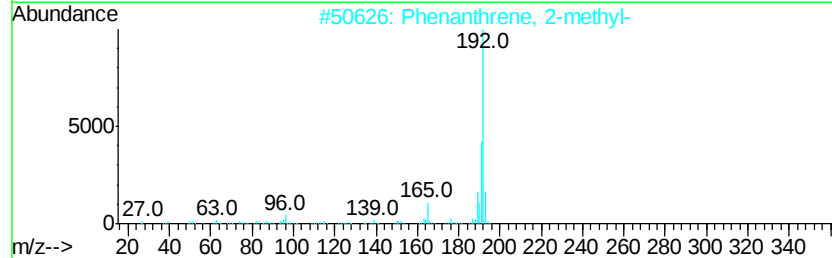
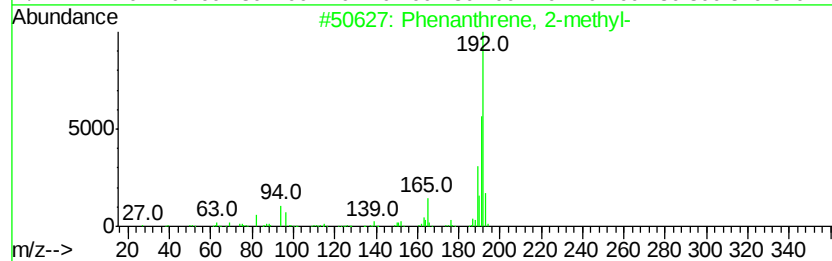
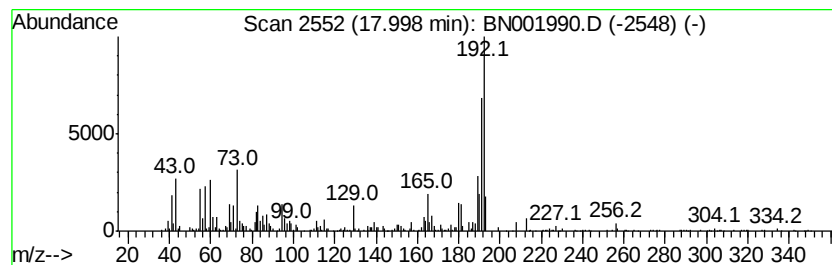
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.30 ng/ul	974941	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95



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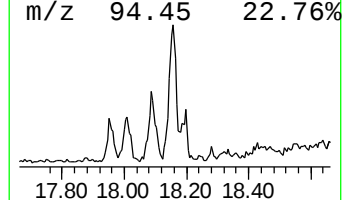
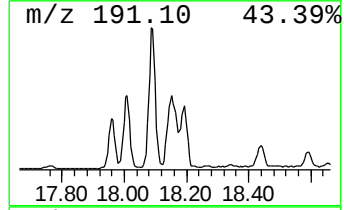
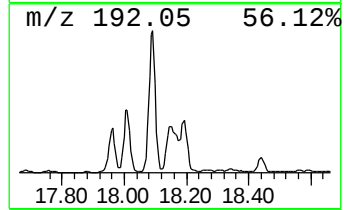
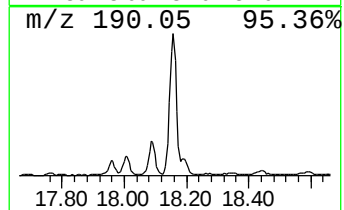
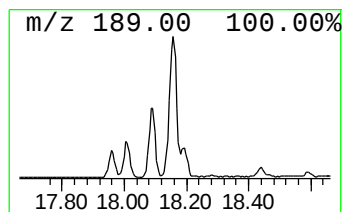
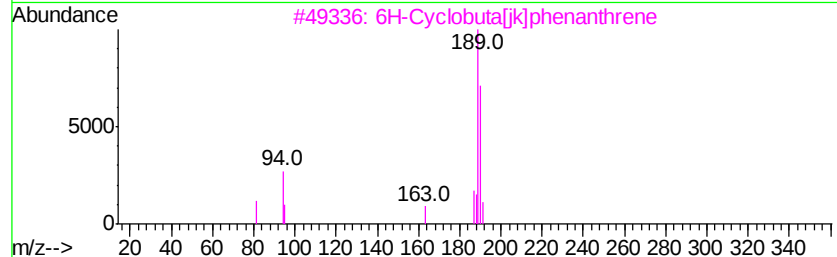
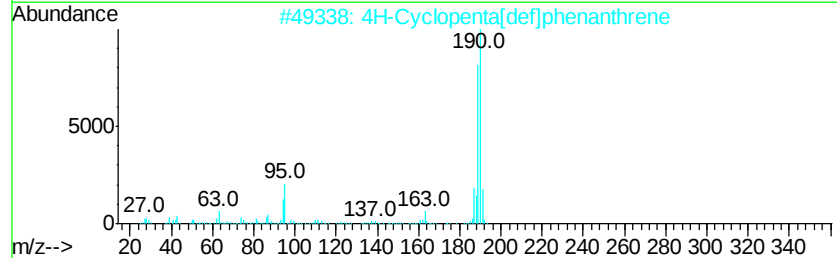
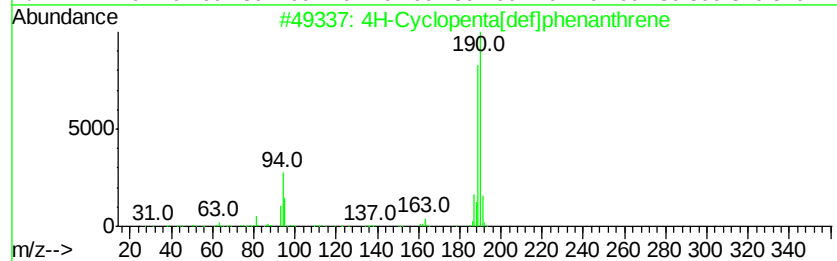
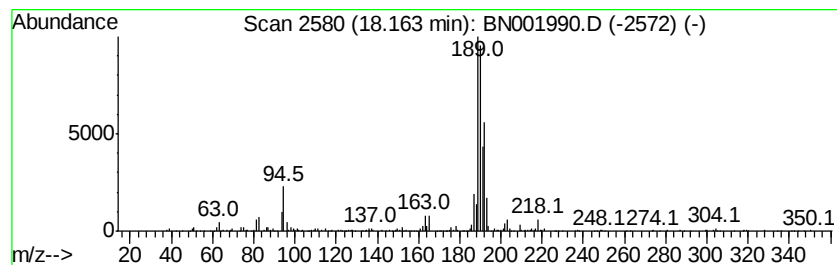
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.28 ng/ul	1389650	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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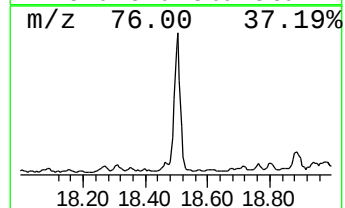
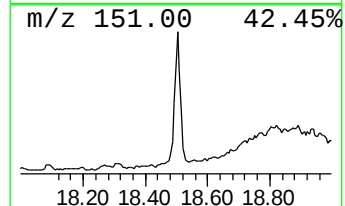
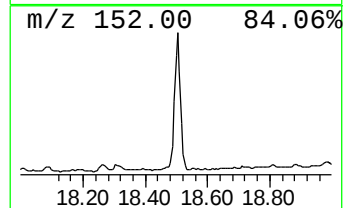
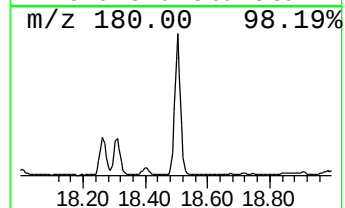
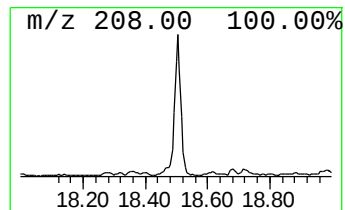
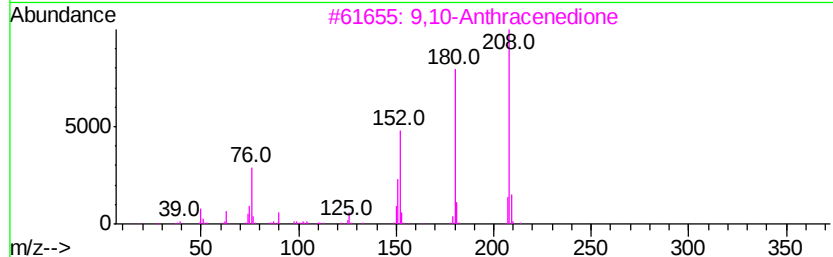
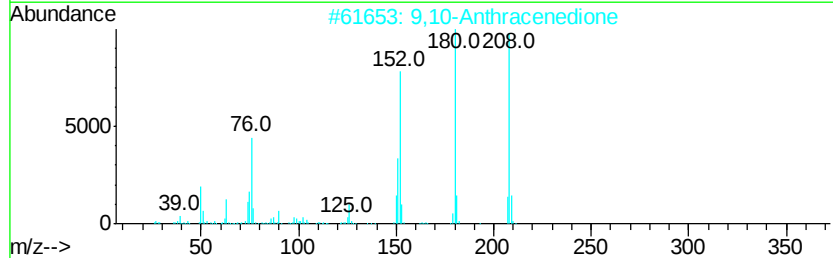
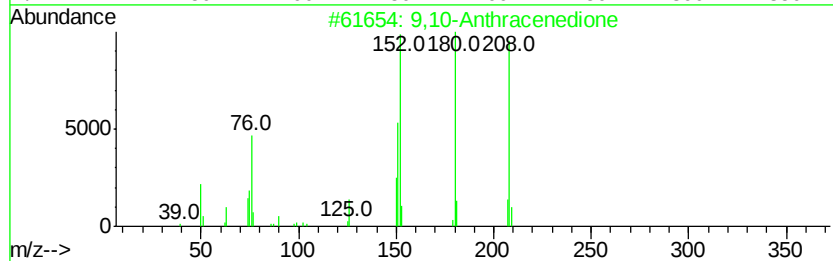
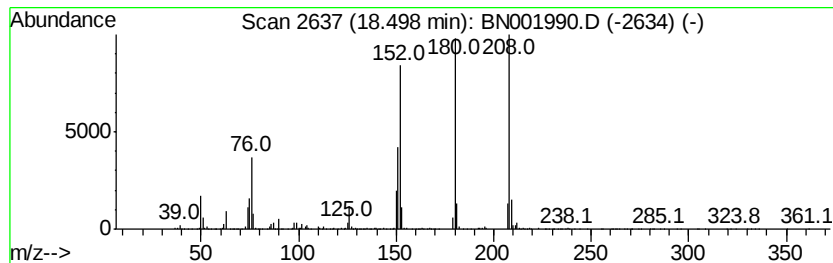
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.51 ng/ul	1914340	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	93
4	9H-Fluoren-9-one		180	C13H8O	000486-25-9	70
5	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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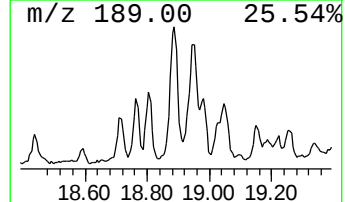
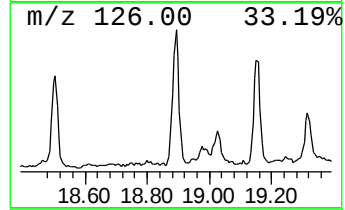
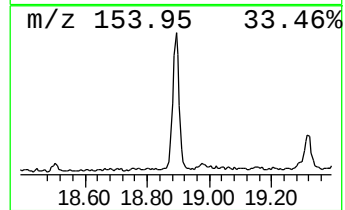
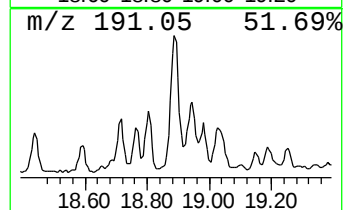
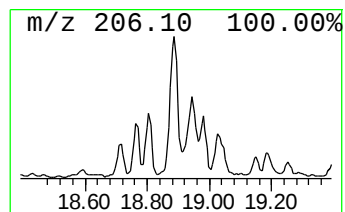
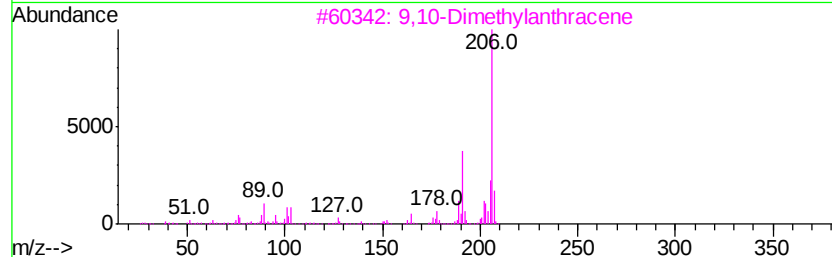
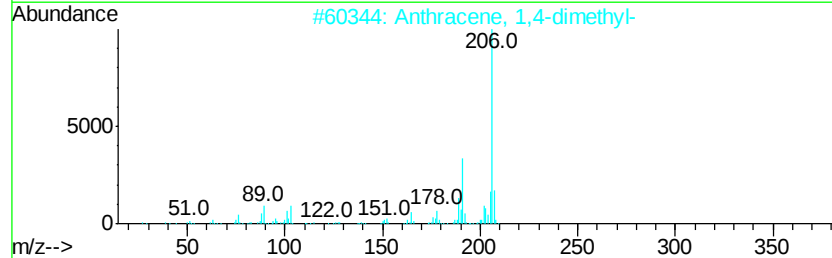
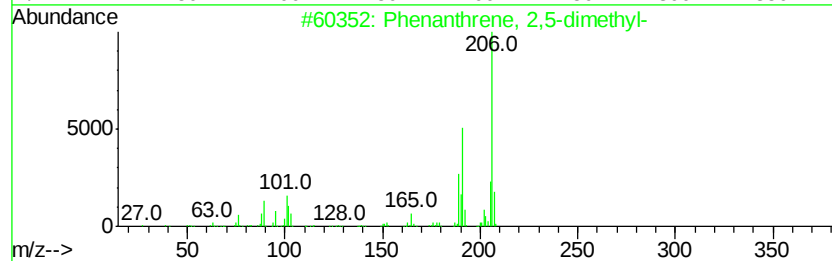
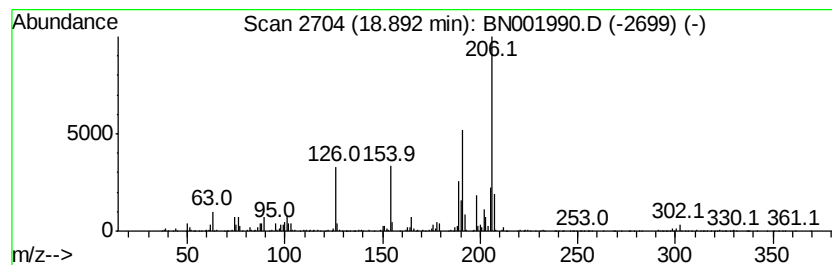
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.84 ng/ul	1205750	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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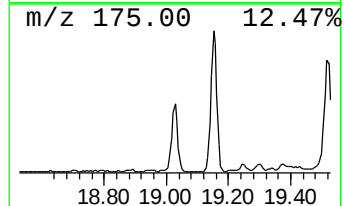
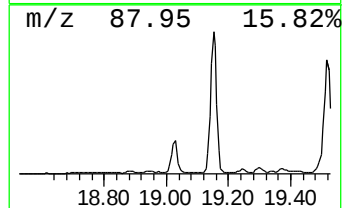
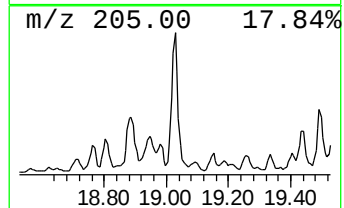
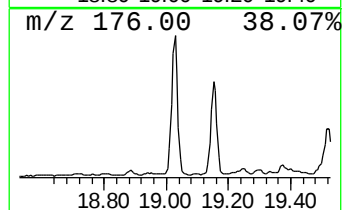
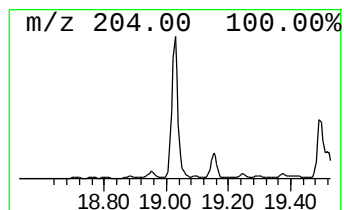
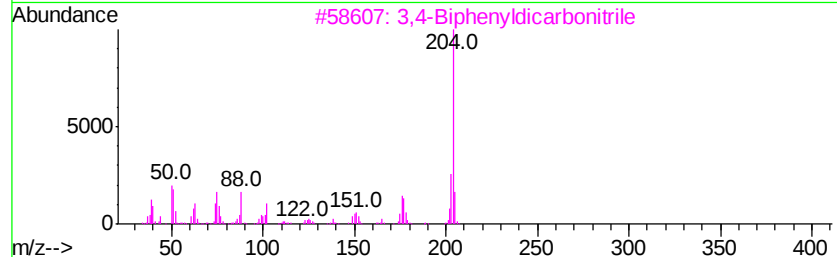
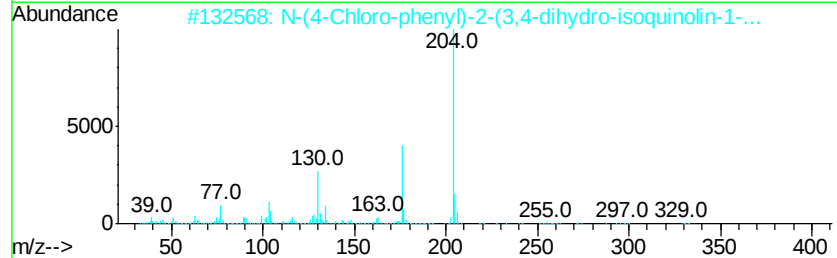
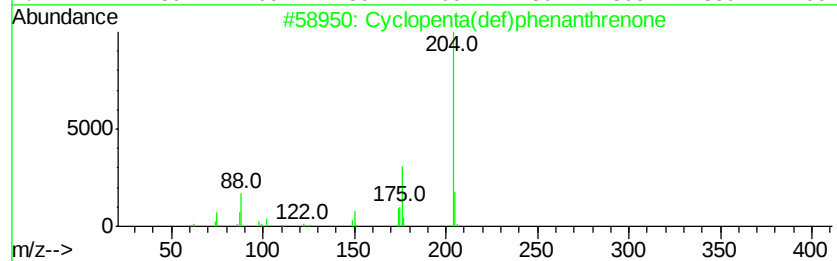
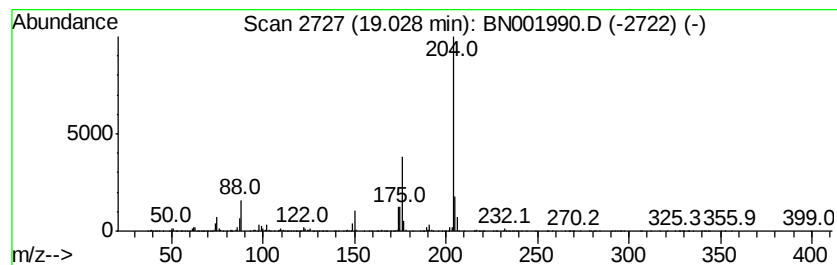
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	6.74 ng/ul	2860770	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	97
2		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	50
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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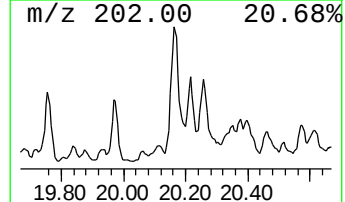
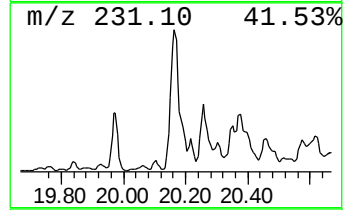
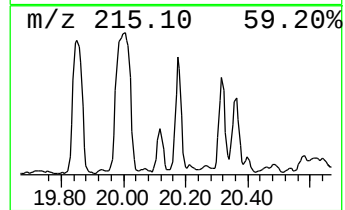
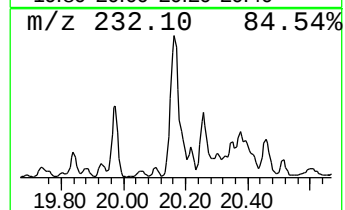
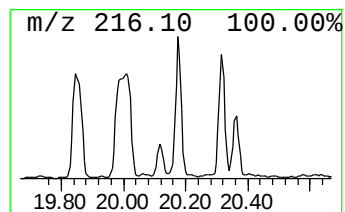
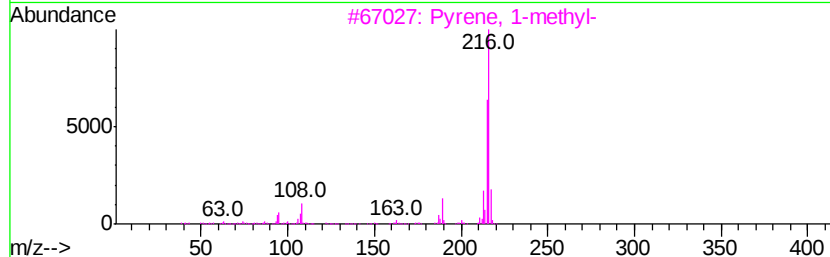
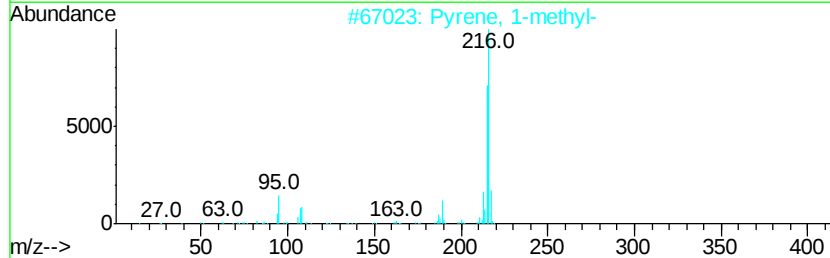
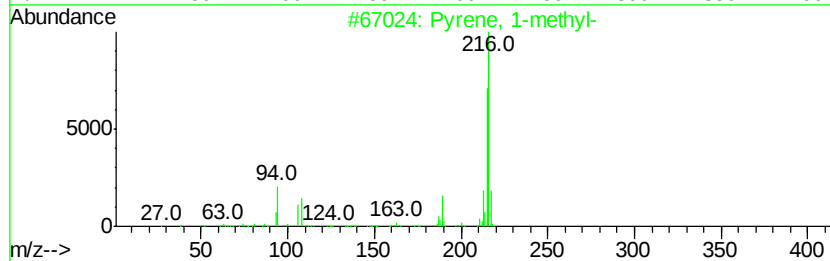
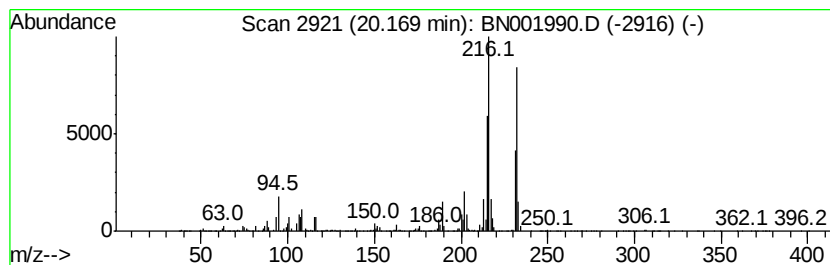
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.84 ng/ul	4327730	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
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Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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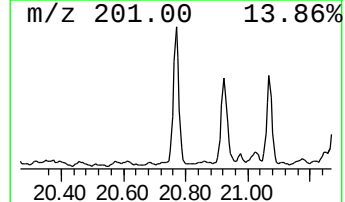
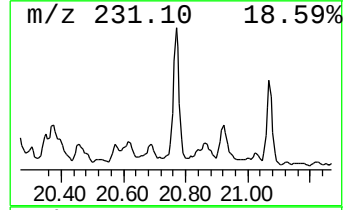
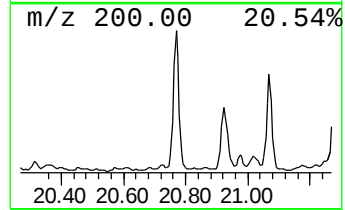
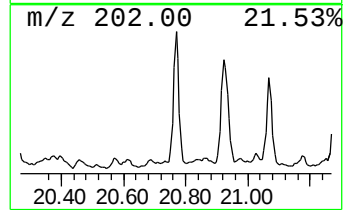
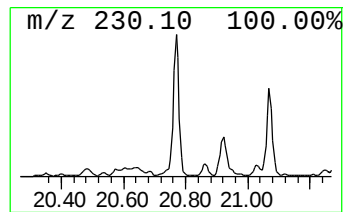
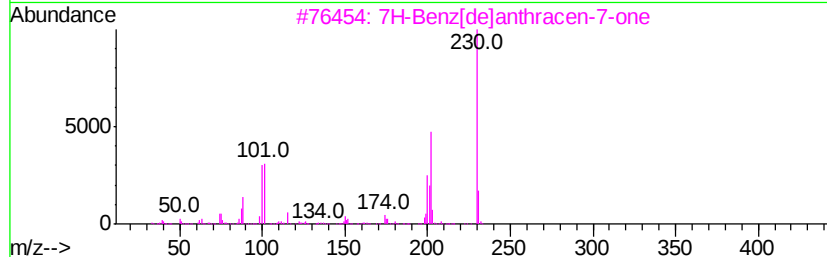
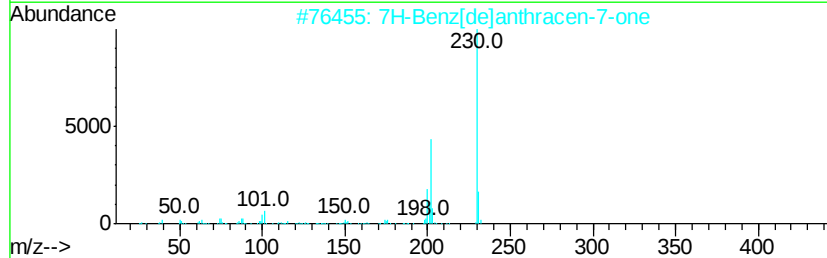
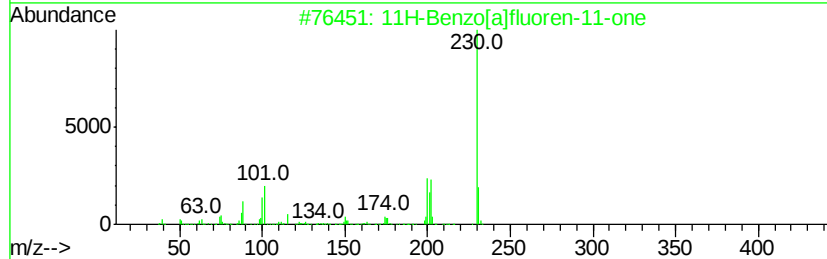
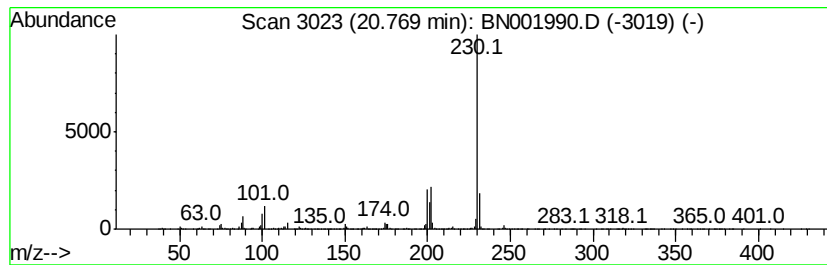
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.18 ng/ul	4850830	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	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
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	87
5		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	78



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Misc :
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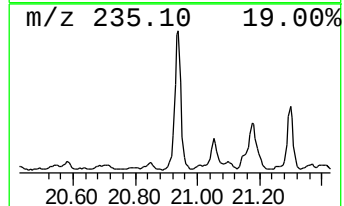
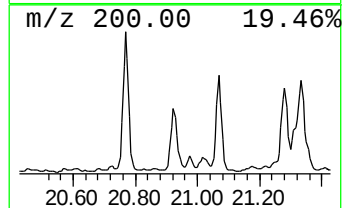
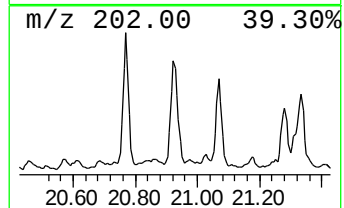
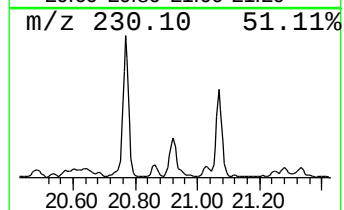
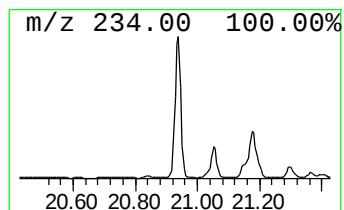
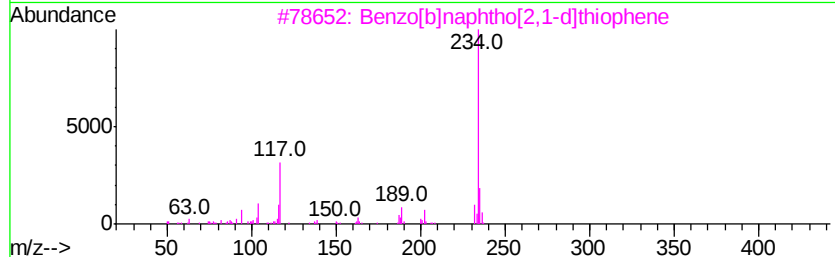
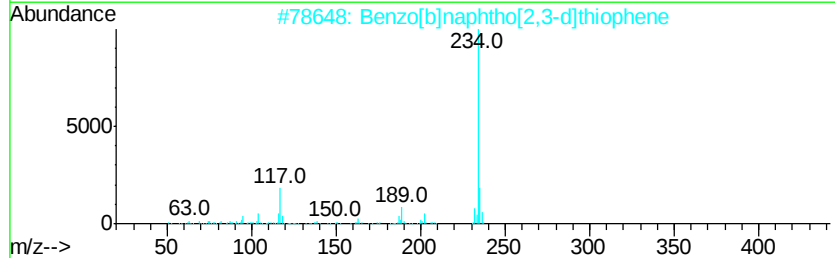
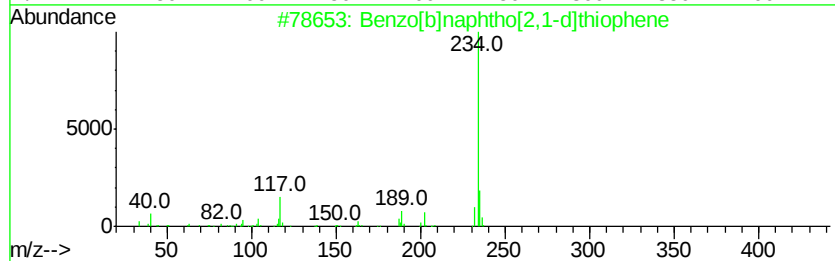
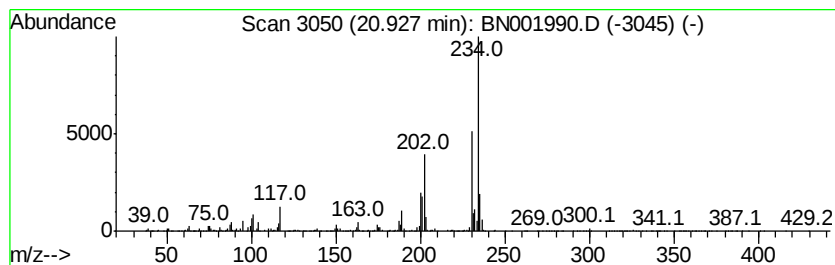
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.46 ng/ul	5268610	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

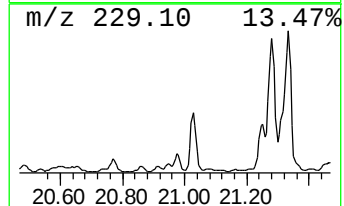
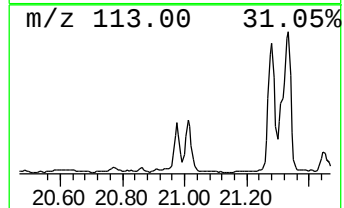
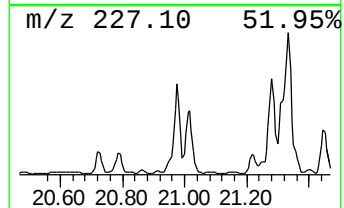
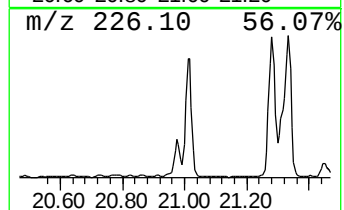
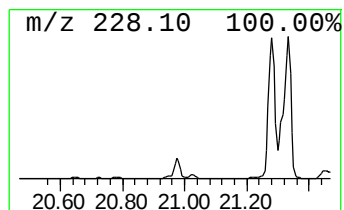
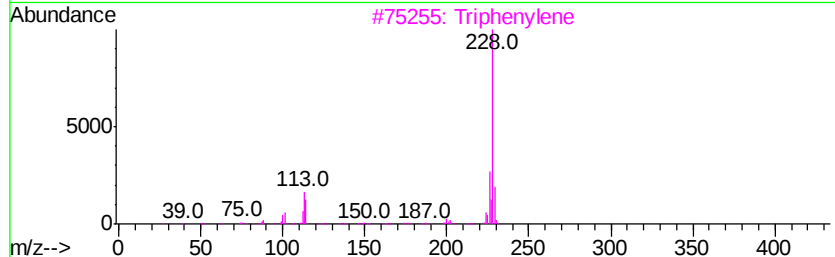
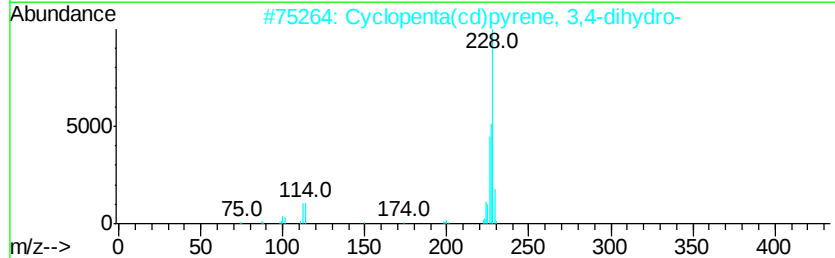
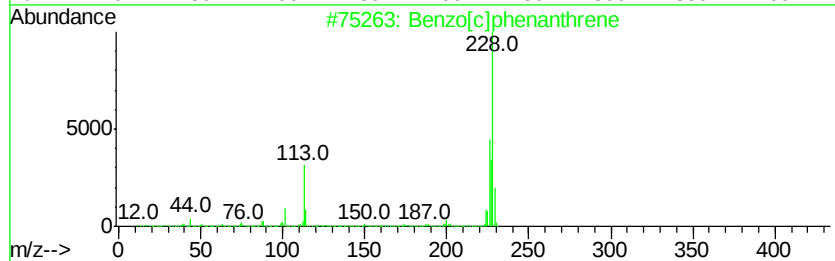
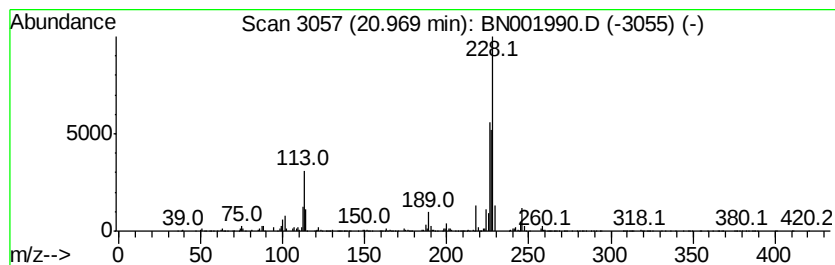
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzo[c]phenanthrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.13 ng/ul	3249430	Chrysene-d12	21.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[c]phenanthrene	228 C18H12	000195-19-7 91
2		Cyclopenta(cd)pyrene, 3,4-dihydro-	228 C18H12	025732-74-5 58
3		Triphenylene	228 C18H12	000217-59-4 53
4		Benzo[c]phenanthrene	228 C18H12	000195-19-7 53
5		Triphenylene	228 C18H12	000217-59-4 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H09DL

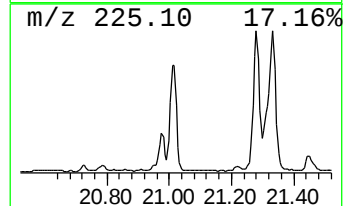
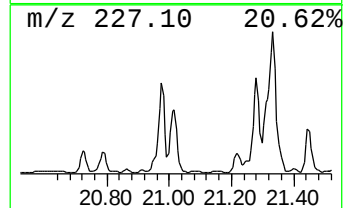
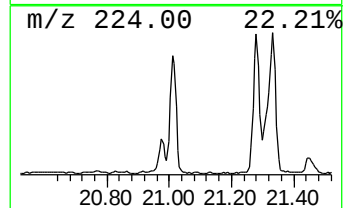
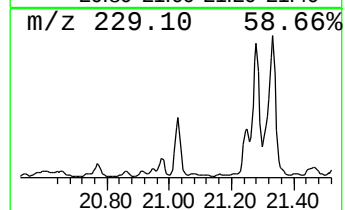
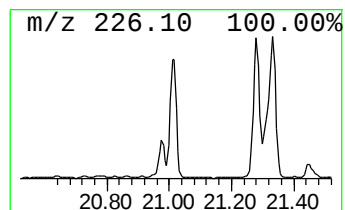
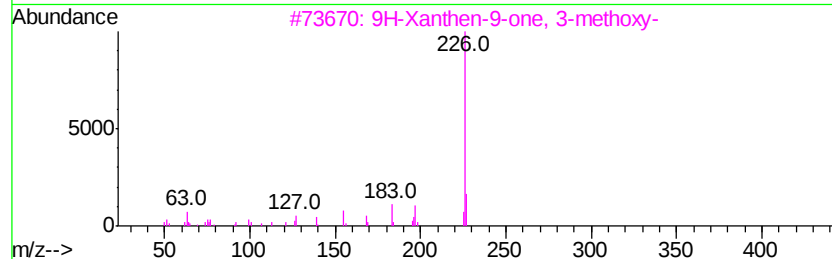
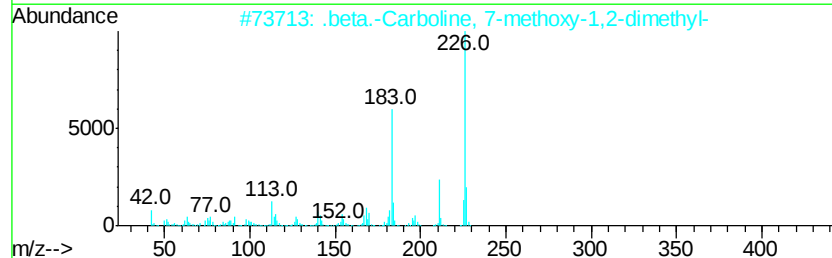
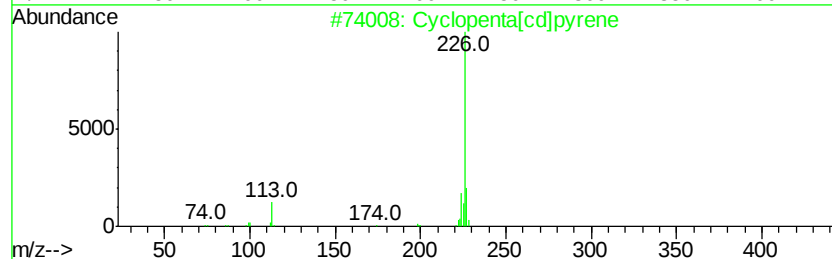
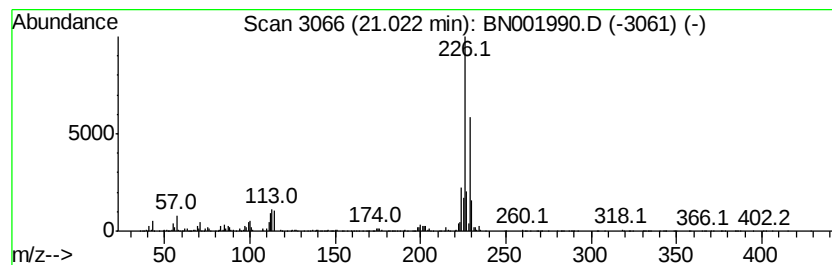
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.38 ng/ul	5150830	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
3		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
4		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33
5		9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
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Instrument :
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ClientSampleId :
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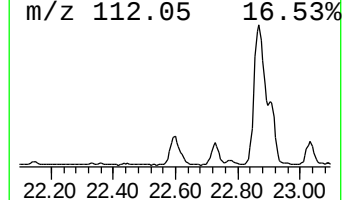
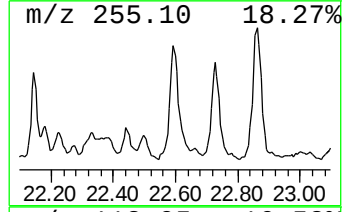
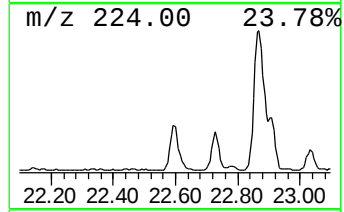
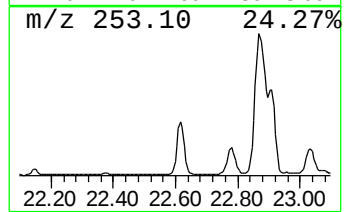
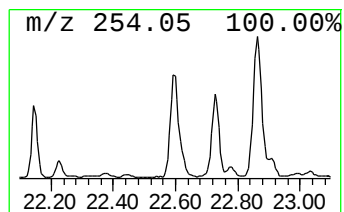
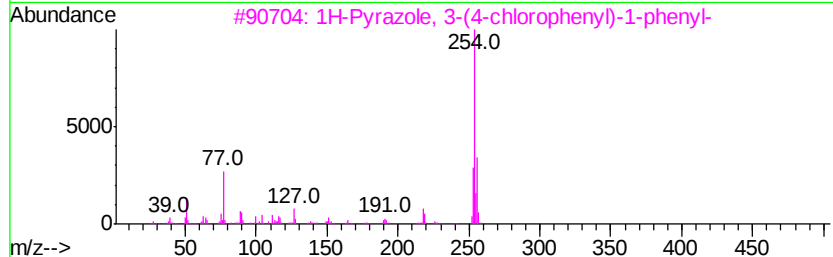
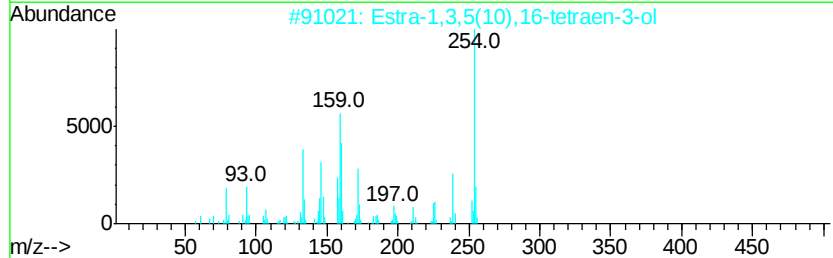
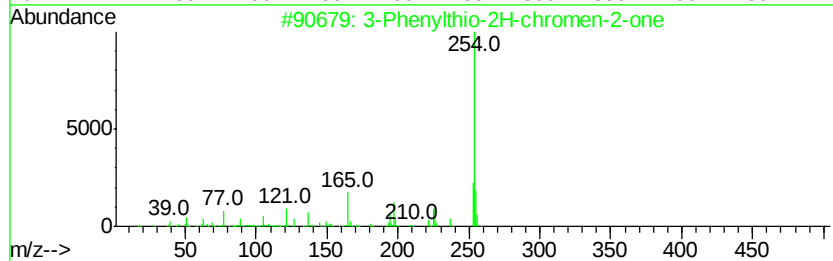
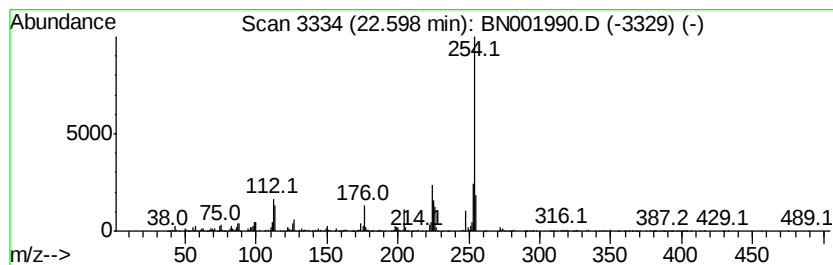
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 3-Phenylthio-2H-chromen-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	12.24 ng/ul	4184850	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	53
2		Estra-1,3,5(10),16-tetraen-3-ol	254	C18H22O	001150-90-9	49
3		1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	49
4		3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	47
5		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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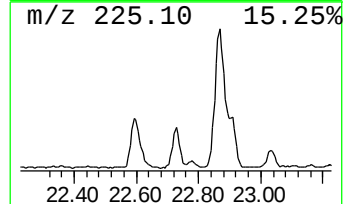
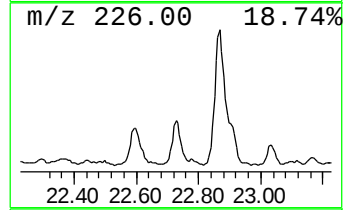
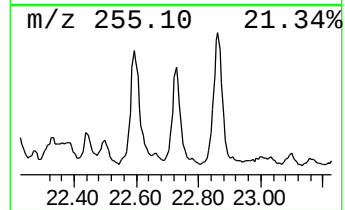
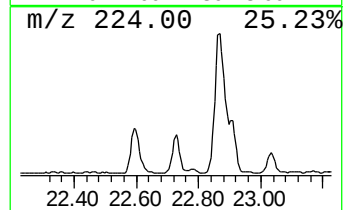
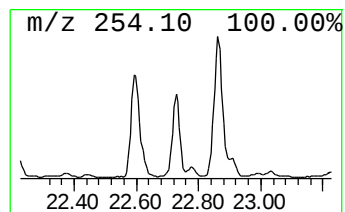
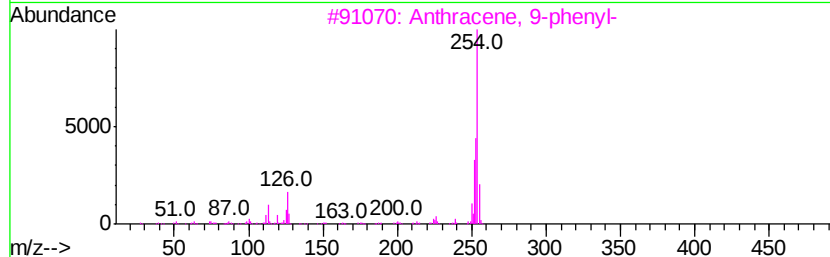
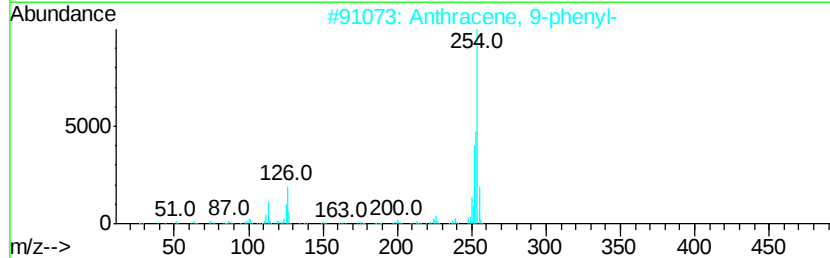
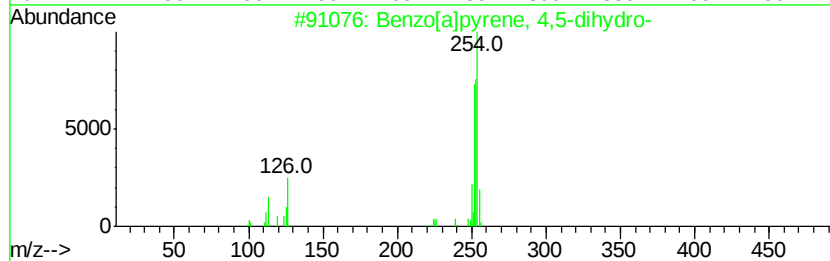
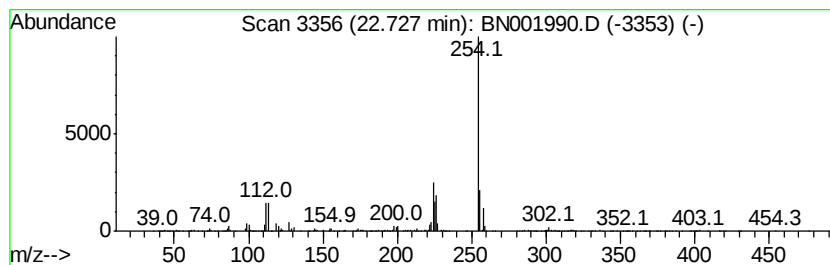
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	3.35 ng/ul	1145920	Perylene-d12	23.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	53
2			Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
3			Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
4			3-Hydroxy-1-methoxvanthraquinone	254	C15H10O4	028504-24-7	53
5			Chrysin	254	C15H10O4	000480-40-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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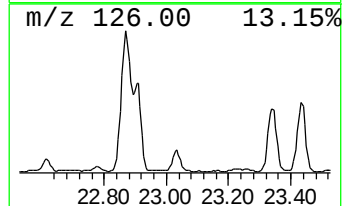
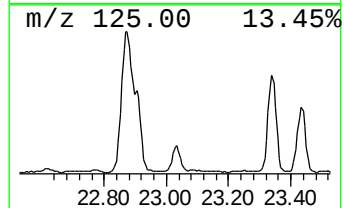
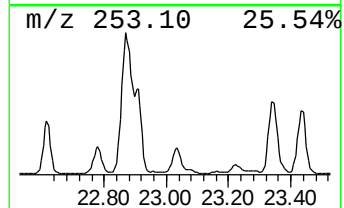
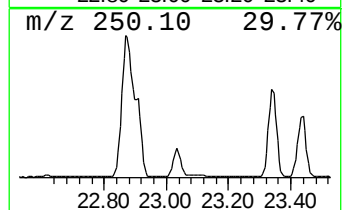
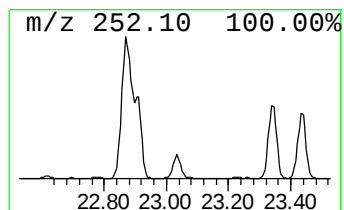
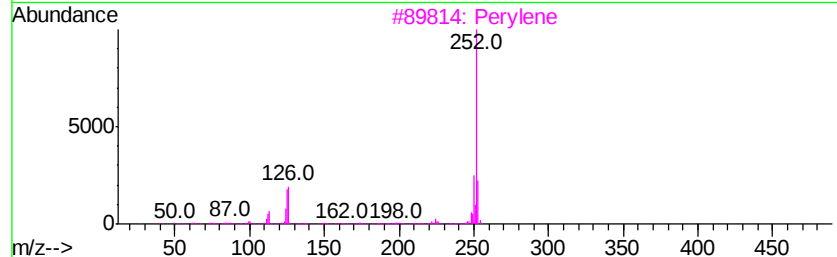
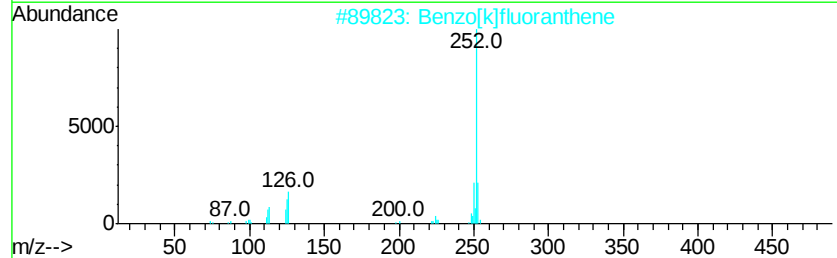
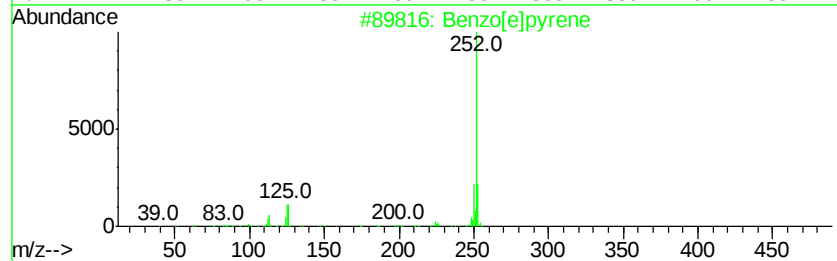
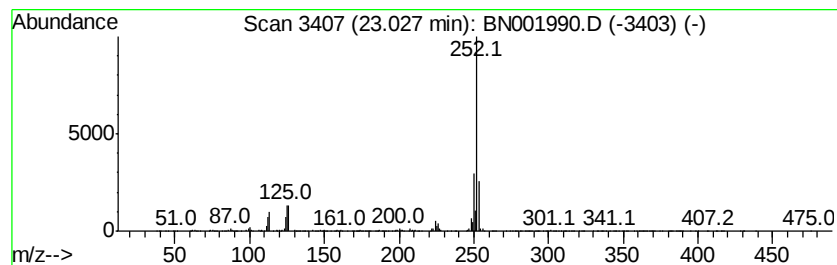
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	7.50 ng/ul	2563700	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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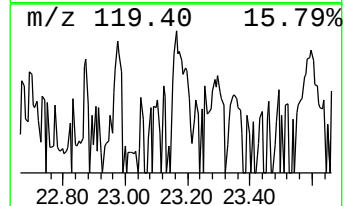
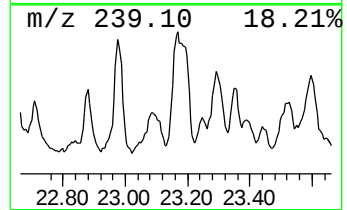
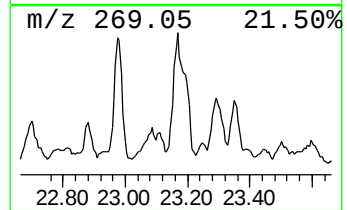
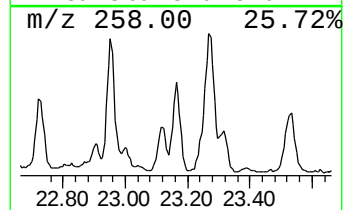
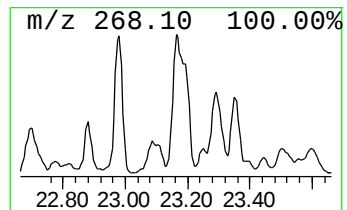
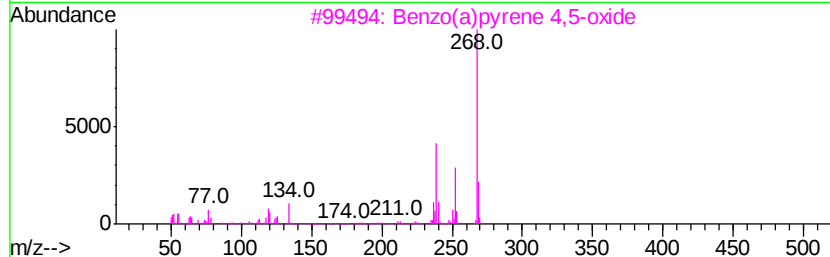
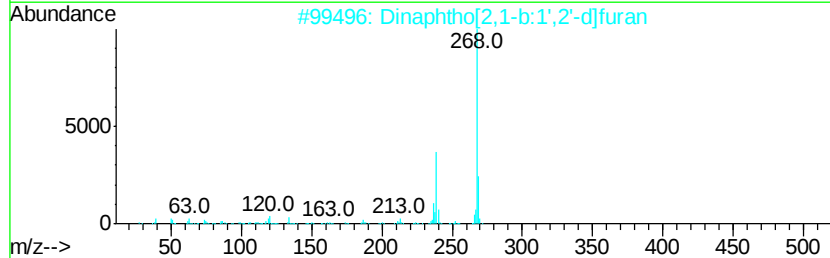
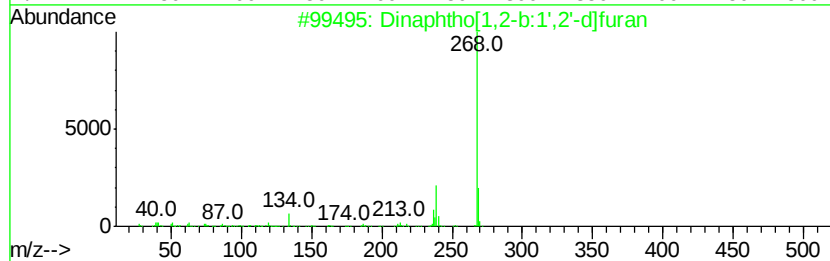
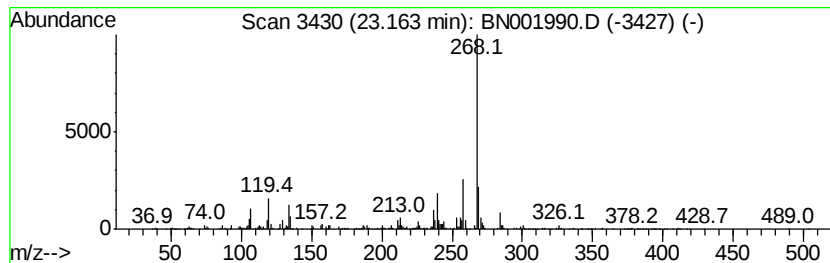
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.04 ng/ul	1382640	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	62
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
5		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
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Acq On : 06 Jul 2018 15:20
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Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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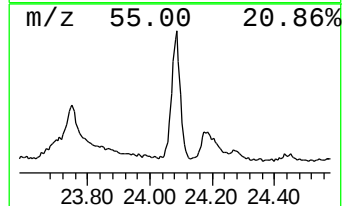
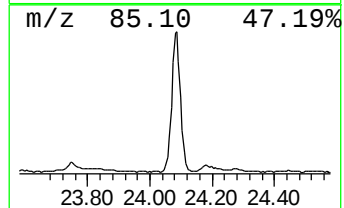
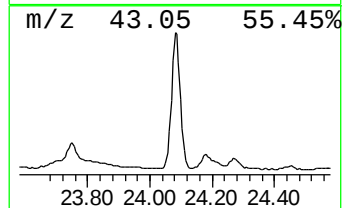
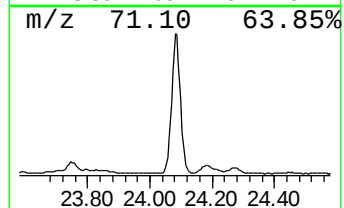
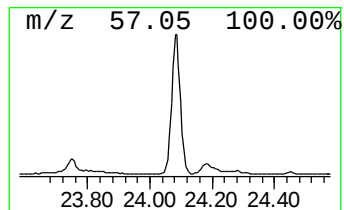
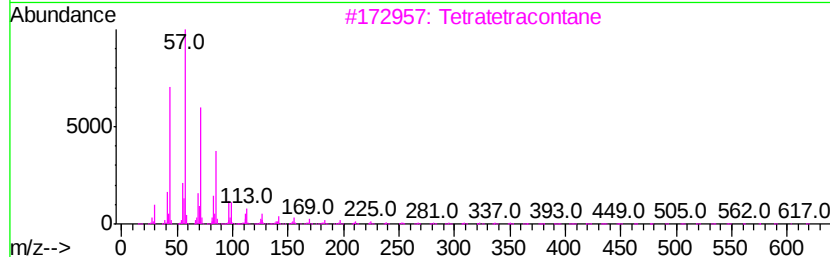
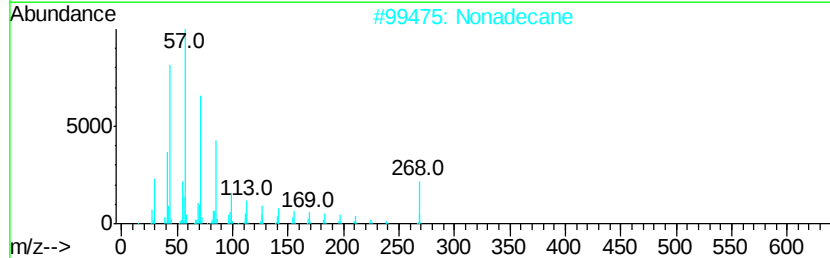
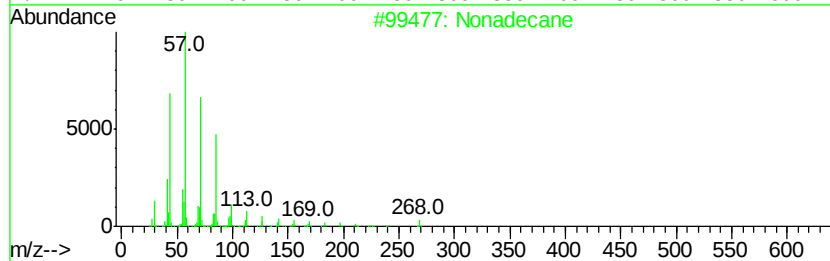
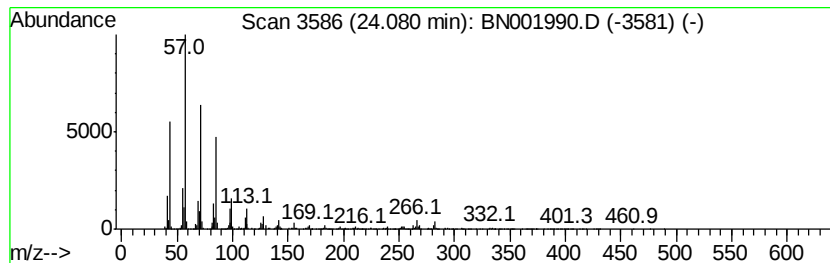
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	11.84 ng/ul	4047400	Perylene-d12	23.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Nonadecane	268	C19H40	000629-92-5	93
3			Tetratetracontane	619	C44H90	007098-22-8	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001990.D
Acq On : 06 Jul 2018 15:20
Operator : JU/SJ
Sample : J3765-07DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H09DL

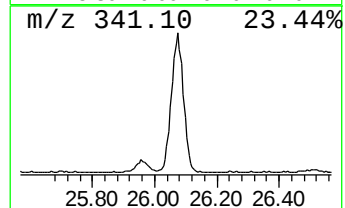
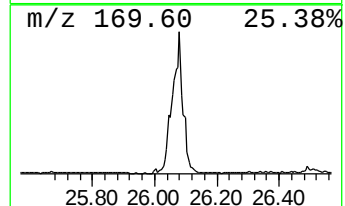
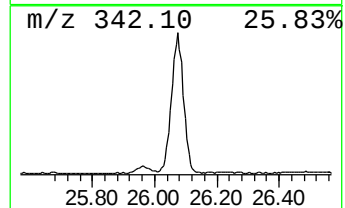
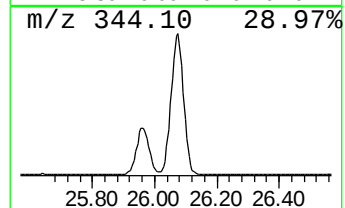
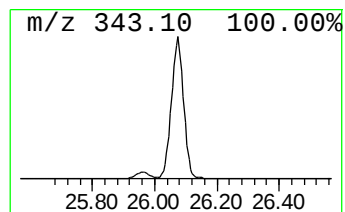
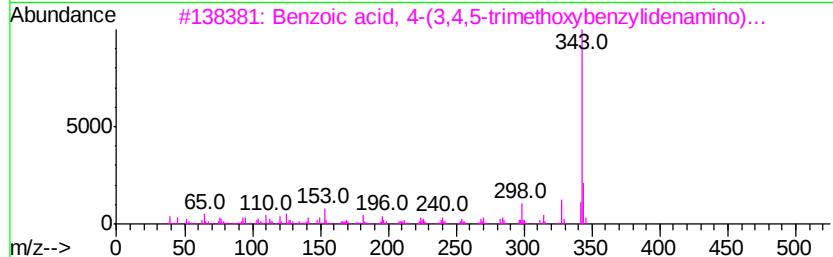
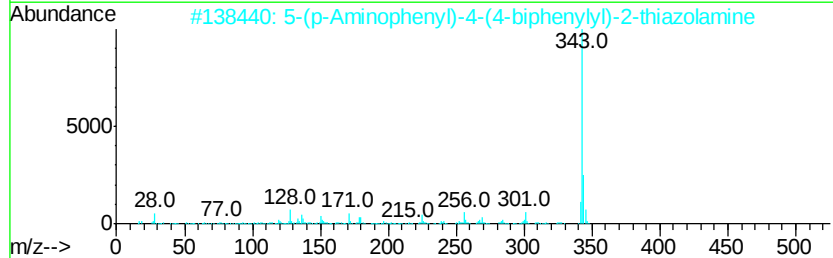
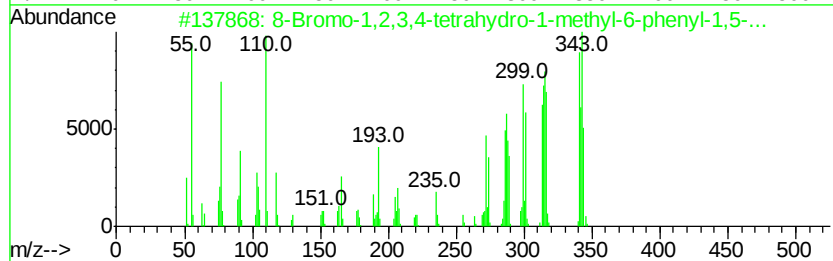
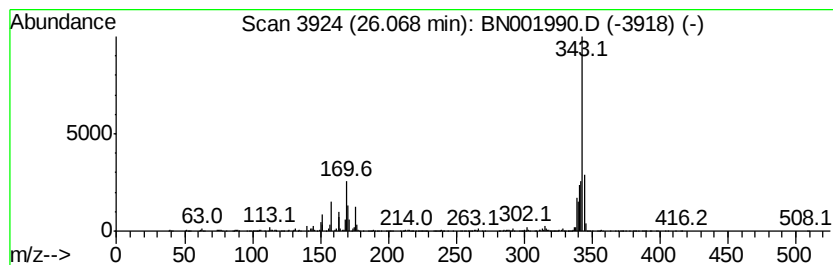
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	22.01 ng/ul	7523020	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Bromo-1,2,3,4-tetrahydro-1-met...	342	C17H15BrN2O	063563-58-6	46
2		5-(p-Aminophenyl)-4-(4-biphenylv...	343	C21H17N3S	094863-57-7	38
3		Benzoic acid, 4-(3,4,5-trimethox...	343	C19H21N05	304683-21-4	37
4		1-[4-(Diethylamino)benzylidene]-...	343	C23H25N3	1000223-73-1	32
5		1,3,9,11,2,10-Parazabol, 2,2,10,...	372	C22H30B2N4	1000157-80-0	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
 Data File : BN001990.D
 Acq On : 06 Jul 2018 15:20
 Operator : JU/SJ
 Sample : J3765-07DL 25X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H09DL

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
Caryophyllene	13.66	2.3	ng/ul	805174	3	14.34	6927930	20.0
Phenanthrene, 2-m...	18.00	2.3	ng/ul	974941	4	17.09	8484660	20.0
4H-Cyclopenta[def...	18.16	3.3	ng/ul	1389650	4	17.09	8484660	20.0
9,10-Anthracenedione	18.50	4.5	ng/ul	1914340	4	17.09	8484660	20.0
Phenanthrene, 2,5...	18.89	2.8	ng/ul	1205750	4	17.09	8484660	20.0
Cyclopenta(def)ph...	19.03	6.7	ng/ul	2860770	4	17.09	8484660	20.0
Pyrene, 1-methyl-	20.17	2.8	ng/ul	4327730	5	21.29	30496500	20.0
11H-Benzo[a]fluor...	20.77	3.2	ng/ul	4850830	5	21.29	30496500	20.0
Benzo[b]naphtho[2...	20.93	3.5	ng/ul	5268610	5	21.29	30496500	20.0
Benzo[c]phenanthrene	20.97	2.1	ng/ul	3249430	5	21.29	30496500	20.0
Cyclopenta[cd]pyrene	21.02	3.4	ng/ul	5150830	5	21.29	30496500	20.0
3-Phenylthio-2H-c...	22.60	12.2	ng/ul	4184850	6	23.53	6837470	20.0
Benzo[a]pyrene, 4...	22.73	3.4	ng/ul	1145920	6	23.53	6837470	20.0
Benzo[e]pyrene	23.03	7.5	ng/ul	2563700	6	23.53	6837470	20.0
Dinaphtho[1,2-b:1...	23.16	4.0	ng/ul	1382640	6	23.53	6837470	20.0
(DEL) Alkane: Str...	24.08	11.8	ng/ul	4047400	6	23.53	6837470	20.0
unknown-01	26.07	22.0	ng/ul	7523020	6	23.53	6837470	20.0