

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005199.D
 Acq On : 23 Apr 2019 06:13
 Operator : JU/SJ
 Sample : K2455-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ6

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-BN041919MA.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	6.775	636	644	654	rBV	2196996	3590075	9.70%	0.779%
2	6.946	665	673	686	rBV	1631167	2530650	6.84%	0.549%
3	7.134	698	705	715	rBV	2143437	3301286	8.92%	0.716%
4	7.598	777	784	791	rVB	1796522	2795169	7.56%	0.607%
5	8.293	894	902	914	rBV	2707241	4260850	11.52%	0.925%
6	8.734	971	977	985	rVB	2007831	3297662	8.91%	0.716%
7	9.451	1092	1099	1107	rVB	1683570	2696687	7.29%	0.585%
8	9.981	1183	1189	1197	rVB	2696773	4485943	12.13%	0.973%
9	10.357	1246	1253	1259	rBV	2875753	4737802	12.81%	1.028%
10	10.492	1269	1276	1296	rVV	1783808	3040577	8.22%	0.660%
11	11.881	1501	1512	1520	rVV2	333188	982659	2.66%	0.213%
12	13.651	1806	1813	1816	rBV	4270605	6161815	16.66%	1.337%
13	13.692	1816	1820	1827	rVB2	2005923	3411968	9.22%	0.740%
14	13.922	1851	1859	1861	rBV	4794965	7338299	19.84%	1.592%
15	13.945	1861	1863	1874	rVB	3114810	4320948	11.68%	0.938%
16	14.233	1904	1912	1918	rBV2	4483200	7058471	19.08%	1.532%
17	14.428	1938	1945	1951	rBV	1723344	2472249	6.68%	0.536%
18	15.227	2068	2081	2087	rBV	5926132	8723612	23.58%	1.893%
19	15.351	2097	2102	2108	rVB	1146487	1604548	4.34%	0.348%
20	16.563	2304	2308	2313	rVV	758441	1131213	3.06%	0.245%
21	16.986	2374	2380	2384	rBV2	5278351	7872790	21.28%	1.708%
22	17.027	2384	2387	2391	rVV	1809535	2463094	6.66%	0.534%
23	17.080	2391	2396	2400	rVV2	5747980	8259651	22.33%	1.792%
24	17.116	2400	2402	2407	rVV	1366997	1560563	4.22%	0.339%
25	17.180	2407	2413	2418	rVV3	555929	1114171	3.01%	0.242%
26	17.516	2466	2470	2474	rVV	1332044	1883514	5.09%	0.409%
27	17.686	2490	2499	2510	rVB3	843130	2088057	5.64%	0.453%
28	17.780	2511	2515	2523	rBV2	650182	1394462	3.77%	0.303%
29	17.863	2524	2529	2533	rVV	2655693	3631007	9.81%	0.788%
30	17.916	2533	2538	2546	rVV3	4407314	6710762	18.14%	1.456%
31	17.992	2546	2551	2555	rVV	854225	1190315	3.22%	0.258%
32	18.057	2556	2562	2566	rVV2	5698562	10106067	27.32%	2.193%
33	18.092	2566	2568	2574	rVB	2427773	3165314	8.56%	0.687%
34	18.186	2580	2584	2588	rBV	642244	1010435	2.73%	0.219%

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35	18.333	2602	2609	2612	rBV3	749365	1360183	3.68%	0.295%
36	18.374	2612	2616	2619	rVV	3166824	4448375	12.02%	0.965%
37	18.410	2619	2622	2627	rVV2	1216035	1785940	4.83%	0.388%
38	18.504	2634	2638	2648	rVB5	374225	939751	2.54%	0.204%
39	18.621	2655	2658	2662	rVV2	1081555	1425068	3.85%	0.309%
40	18.674	2663	2667	2670	rVB	1240376	1606831	4.34%	0.349%
41	18.710	2670	2673	2678	rVB	956088	1272738	3.44%	0.276%
42	18.798	2683	2688	2693	rBV2	3443317	5412892	14.63%	1.175%
43	18.857	2693	2698	2701	rVV2	2305099	3614066	9.77%	0.784%
44	18.892	2701	2704	2707	rVB	1261681	1475875	3.99%	0.320%
45	18.939	2707	2712	2720	rBV	5284783	9296079	25.13%	2.017%
46	19.063	2725	2733	2740	rVV	14443730	21333201	57.66%	4.629%
47	19.139	2741	2746	2749	rVV	1587397	2557389	6.91%	0.555%
48	19.168	2749	2751	2755	rVV4	951054	1646440	4.45%	0.357%
49	19.210	2755	2758	2763	rVV	4236506	5731836	15.49%	1.244%
50	19.268	2763	2768	2772	rVV	1330544	1877824	5.08%	0.407%
51	19.333	2772	2779	2785	rVV2	1585618	2825693	7.64%	0.613%
52	19.404	2785	2791	2792	rVV	5957840	8390465	22.68%	1.821%
53	19.439	2792	2797	2803	rVV	23376078	36995670	100.00%	8.028%
54	19.515	2807	2810	2815	rVB2	969156	1361620	3.68%	0.295%
55	19.663	2828	2835	2843	rVB6	1002748	2450909	6.62%	0.532%
56	19.763	2847	2852	2863	rBV2	3375480	6737919	18.21%	1.462%
57	19.904	2869	2876	2878	rVV2	3291104	6775322	18.31%	1.470%
58	19.933	2878	2881	2886	rVB	5561542	7200052	19.46%	1.562%
59	20.033	2894	2898	2903	rVV	3544256	5244163	14.18%	1.138%
60	20.092	2903	2908	2912	rVV	5031290	6767793	18.29%	1.469%
61	20.192	2919	2925	2928	rBV5	802062	1539978	4.16%	0.334%
62	20.233	2928	2932	2936	rVV	4185737	5505768	14.88%	1.195%
63	20.280	2936	2940	2945	rVB	4362586	5820323	15.73%	1.263%
64	20.410	2957	2962	2966	rBV3	576742	899744	2.43%	0.195%
65	20.539	2980	2984	2986	rBV3	746537	1053074	2.85%	0.229%
66	20.657	2999	3004	3006	rVV	1086270	1933529	5.23%	0.420%
67	20.686	3006	3009	3017	rVB	2063761	3637496	9.83%	0.789%
68	20.845	3029	3036	3042	rBV5	1339690	3923490	10.61%	0.851%
69	20.898	3042	3045	3048	rVV	2812693	3418667	9.24%	0.742%
70	20.933	3048	3051	3053	rVV	1805892	2176821	5.88%	0.472%
71	20.957	3053	3055	3058	rVV	2672252	3425663	9.26%	0.743%

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72	20.992	3058	3061	3068	rVB	2094106	2942669	7.95%	0.639%
73	21.210	3092	3098	3103	rBV2	13978639	27059477	73.14%	5.872%
74	21.257	3103	3106	3113	rVB	9937689	14712239	39.77%	3.192%
75	21.421	3130	3134	3141	rVB	3532161	4861364	13.14%	1.055%
76	21.715	3181	3184	3187	rBV	1132421	1523222	4.12%	0.331%
77	21.774	3187	3194	3199	rVV	3981265	5984358	16.18%	1.299%
78	21.821	3199	3202	3206	rVB	2134404	2497220	6.75%	0.542%
79	21.898	3209	3215	3216	rBV2	1063000	1671175	4.52%	0.363%
80	21.962	3223	3226	3229	rBV	1547412	2204205	5.96%	0.478%
81	21.998	3229	3232	3237	rVB	2906441	3721209	10.06%	0.807%
82	22.068	3240	3244	3250	rVB2	1102752	1688792	4.56%	0.366%
83	22.315	3283	3286	3290	rVB2	1108304	1366275	3.69%	0.296%
84	22.609	3332	3336	3344	rVB3	705767	1508844	4.08%	0.327%
85	22.780	3357	3365	3369	rBV2	4614268	12270932	33.17%	2.663%
86	22.939	3387	3392	3401	rVB	2216389	4067950	11.00%	0.883%
87	23.239	3437	3443	3447	rBV	3414274	6285463	16.99%	1.364%
88	23.286	3447	3451	3455	rVV2	3960557	7558342	20.43%	1.640%
89	23.333	3455	3459	3464	rVV	7352992	12431063	33.60%	2.697%
90	23.374	3464	3466	3469	rVV	1140518	1615934	4.37%	0.351%
91	23.427	3469	3475	3479	rVV	3918940	7656241	20.69%	1.661%
92	23.474	3479	3483	3490	rVB2	1087848	2458115	6.64%	0.533%
93	23.686	3513	3519	3522	rBV3	486766	1193957	3.23%	0.259%
94	24.009	3569	3574	3579	rBV	913770	1609618	4.35%	0.349%
95	24.262	3612	3617	3625	rVB	934864	1871314	5.06%	0.406%
96	24.745	3693	3699	3705	rBV	813928	1917642	5.18%	0.416%
97	25.603	3836	3845	3856	rVB2	2627843	7498831	20.27%	1.627%
98	25.850	3882	3887	3895	rVB2	689519	1694309	4.58%	0.368%
99	25.945	3898	3903	3910	rVB2	476990	1144519	3.09%	0.248%
100	26.262	3950	3957	3966	rVB	1275887	3567704	9.64%	0.774%

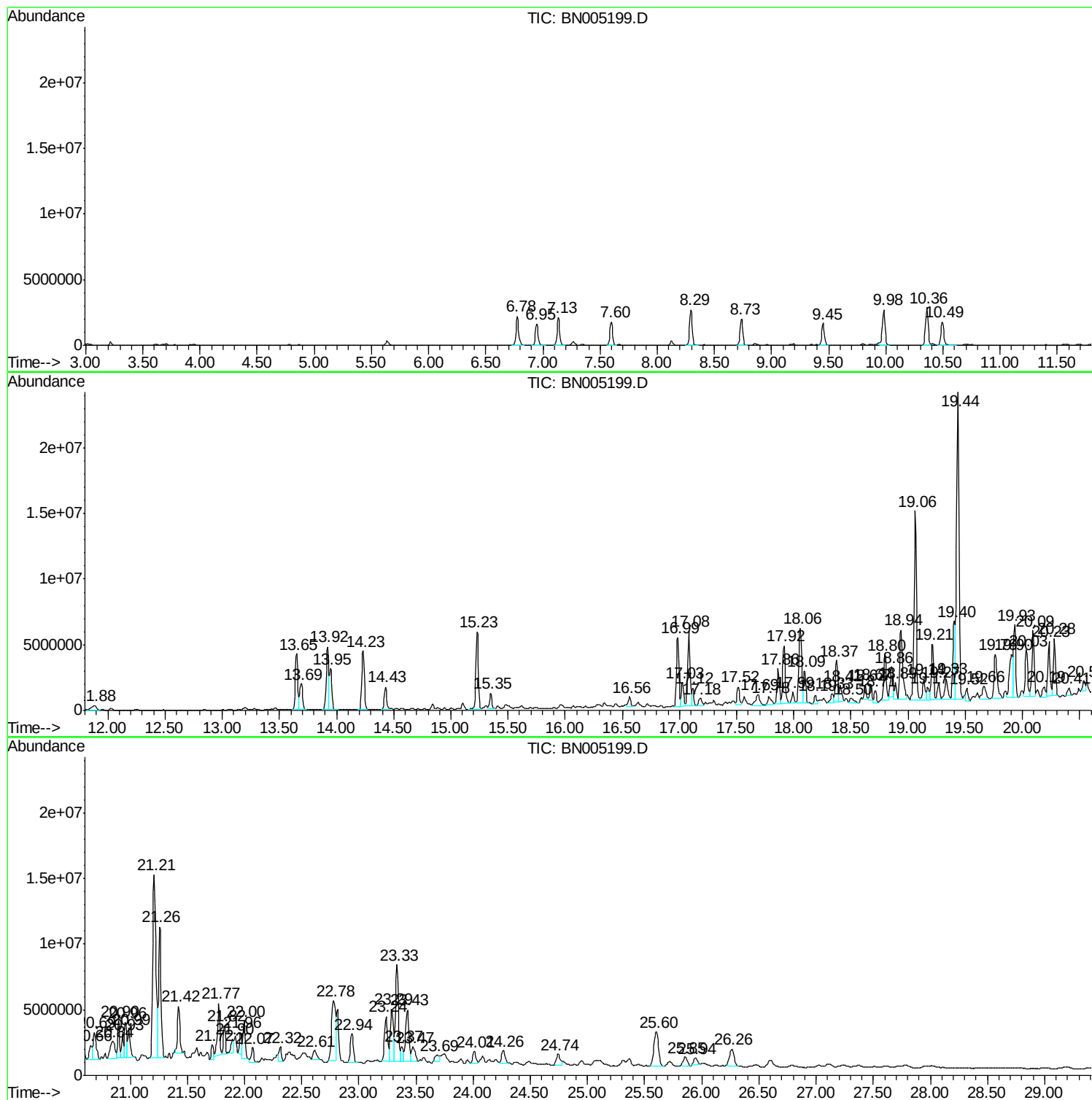
Sum of corrected areas: 460844315

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Instrument :
BNA_N
ClientSampleId :
GAHQ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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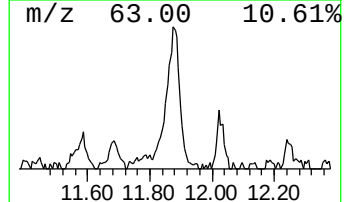
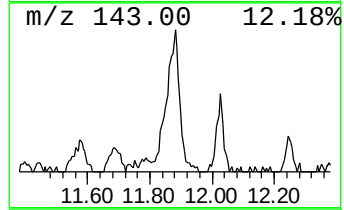
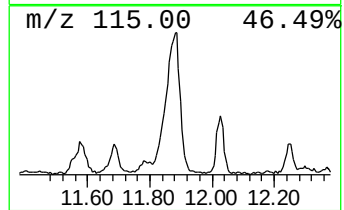
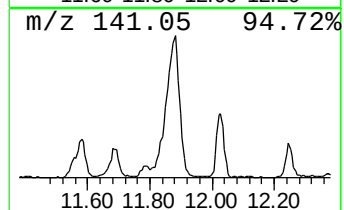
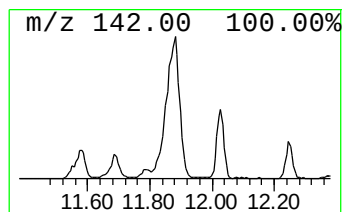
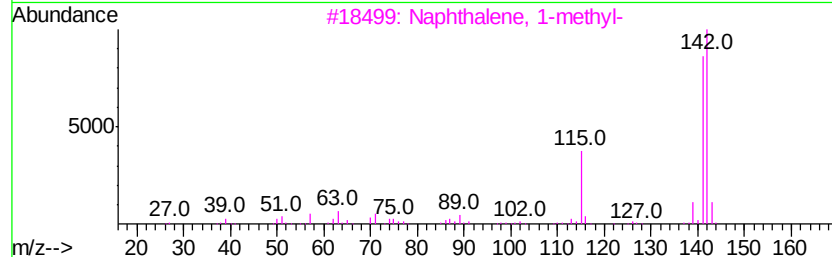
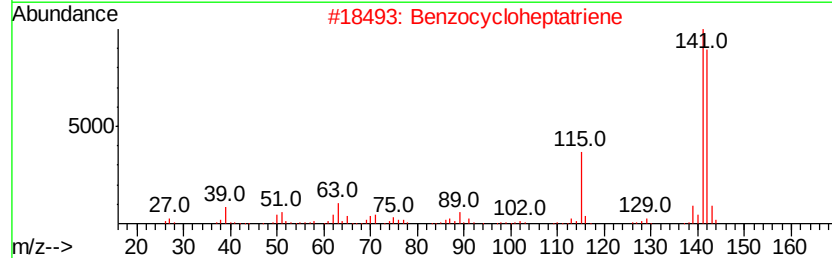
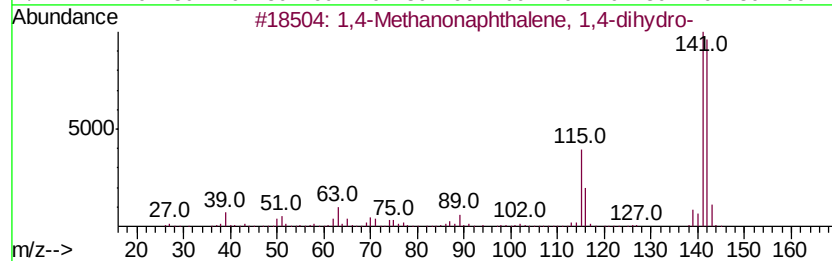
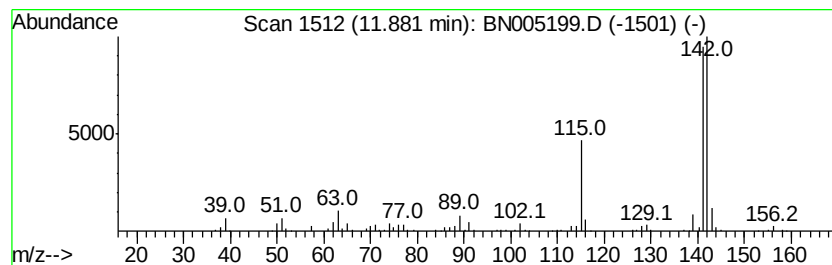
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,4-Methanonaphthalene, 1,4... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.15 ng/ul	982659	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
2			Benzocycloheptatriene	142	C11H10	000264-09-5	94
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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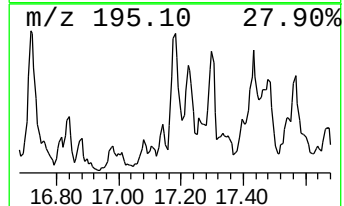
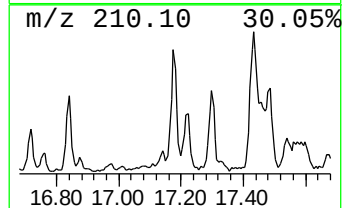
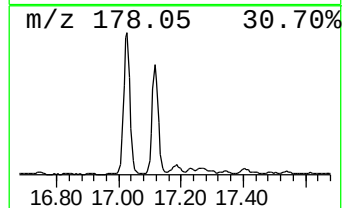
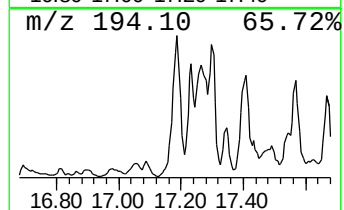
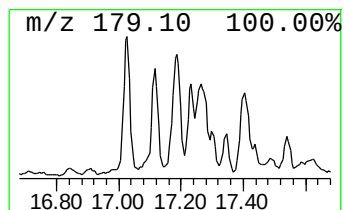
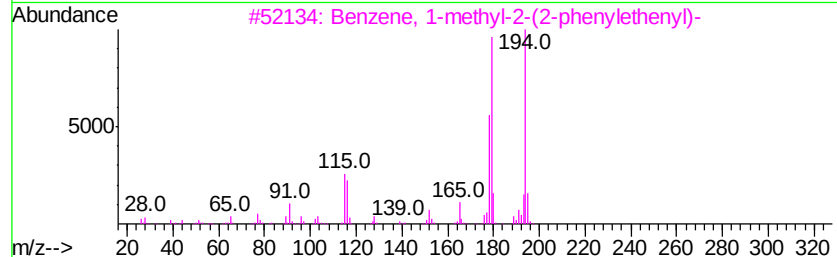
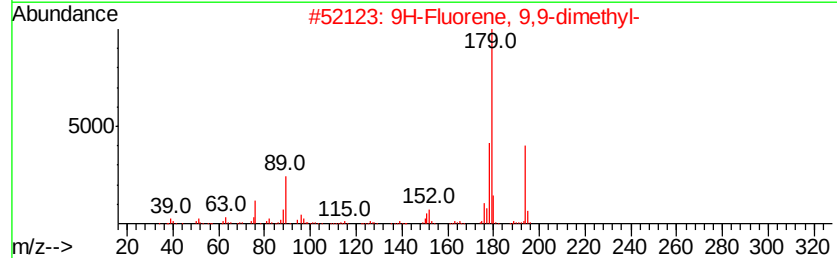
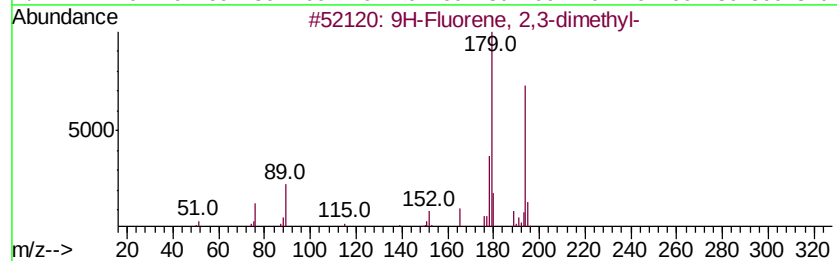
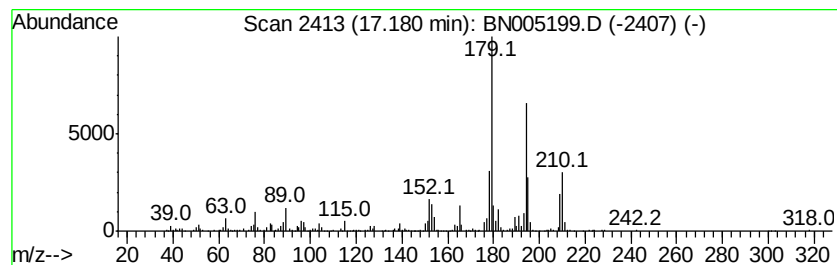
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluorene, 2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	2.83 ng/ul	1114170	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	70
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	58
3		Benzene, 1-methyl-2-(2-phenylethyl)-	194	C15H14	074685-42-0	50
4		9H-Fluorene, 2-ethyl-	194	C15H14	001207-20-1	49
5		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	46



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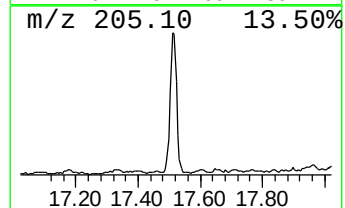
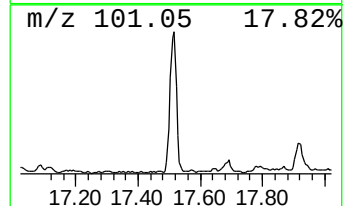
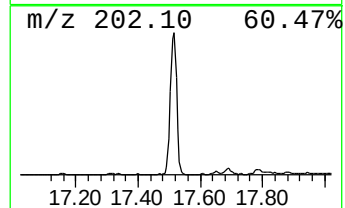
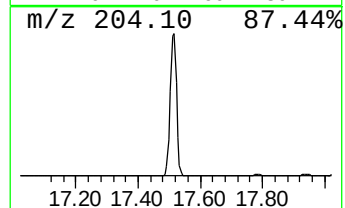
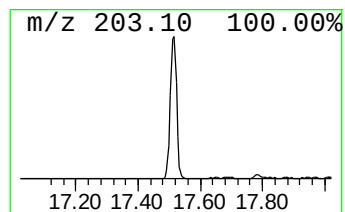
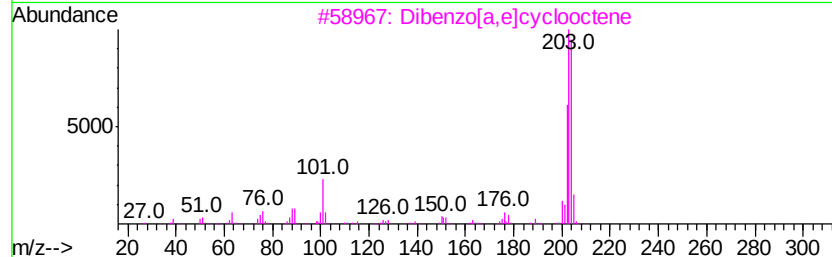
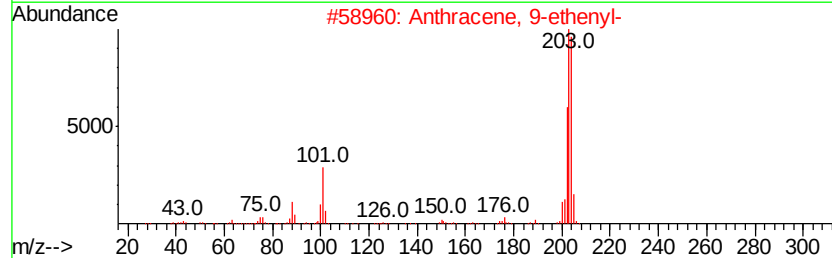
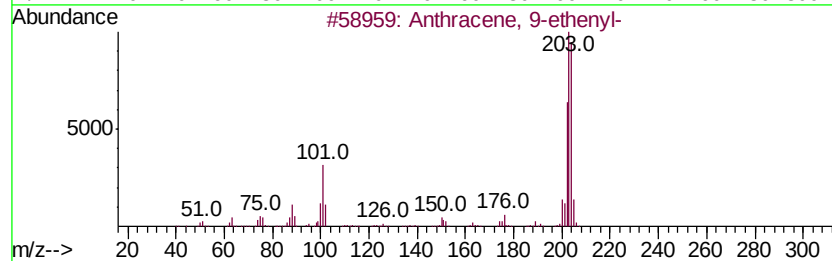
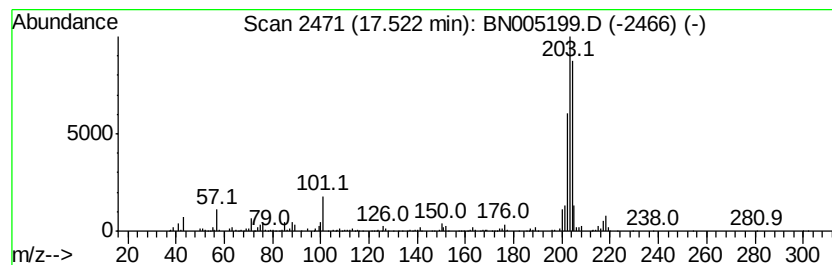
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 9-ethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	4.78 ng/ul	1883510	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
3		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	89
5		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

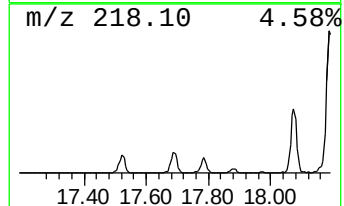
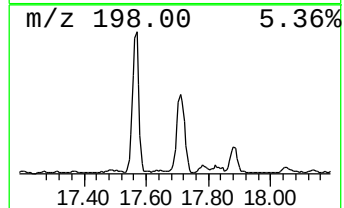
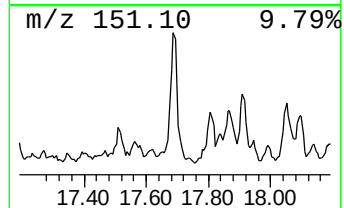
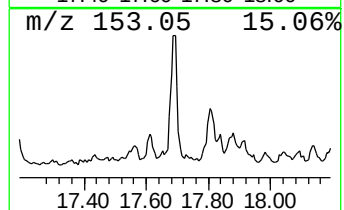
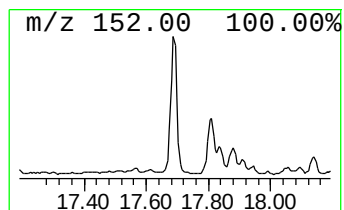
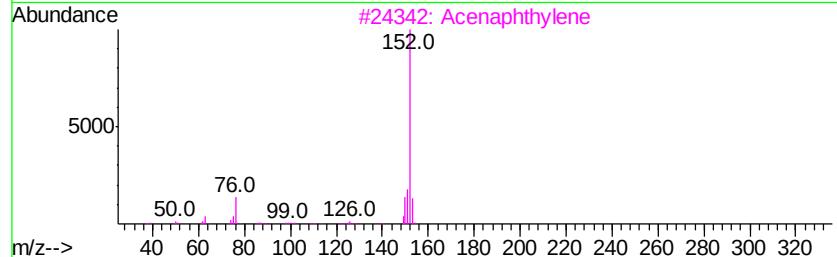
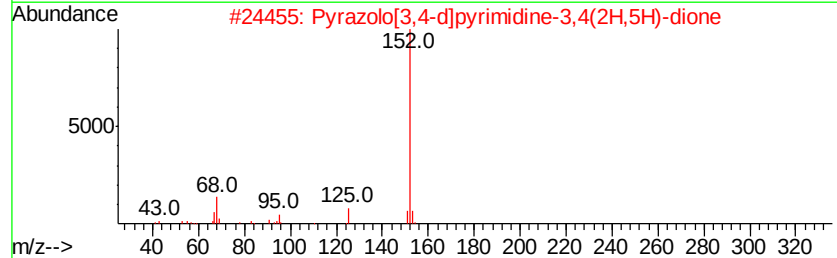
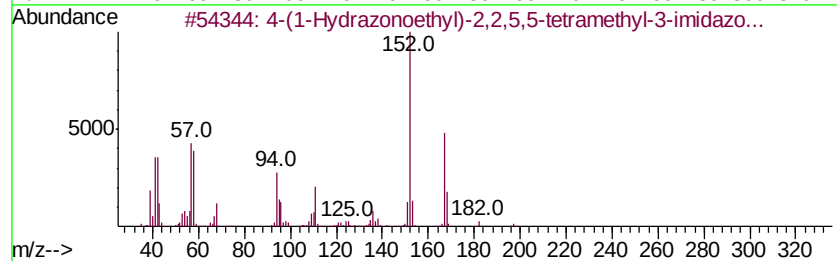
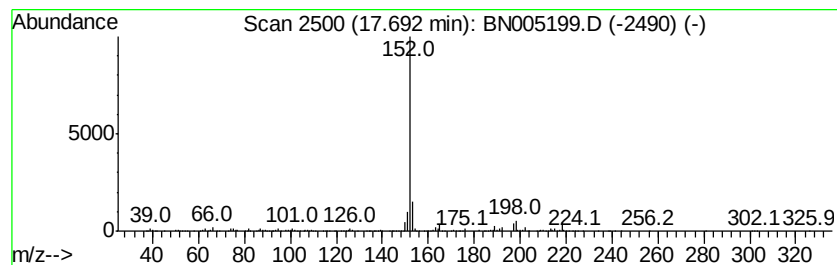
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.69	5.30 ng/ul	2088060	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1-Hydrazonoethyl)-2,2,5,5-tet...	197	C9H17N4O	064180-37-6	45
2	Pyrazolo[3,4-d]pyrimidine-3,4(2H...	152	C5H4N4O2	128850-53-3	38
3	Acenaphthylene	152	C12H8	000208-96-8	33
4	Biphenylene	152	C12H8	000259-79-0	33
5	Acenaphthylene	152	C12H8	000208-96-8	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

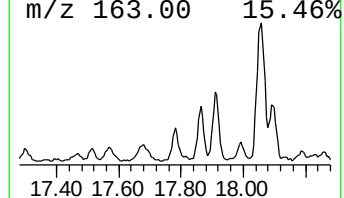
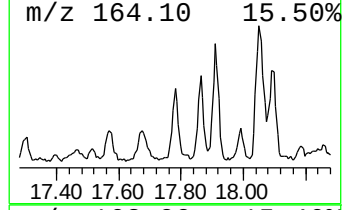
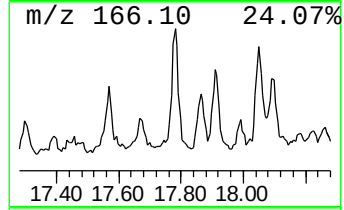
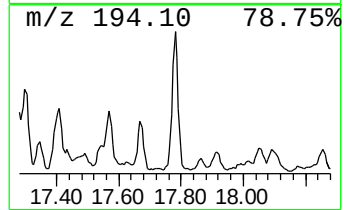
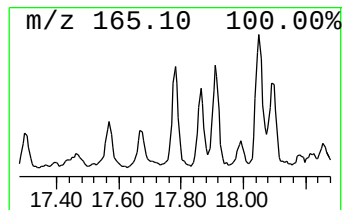
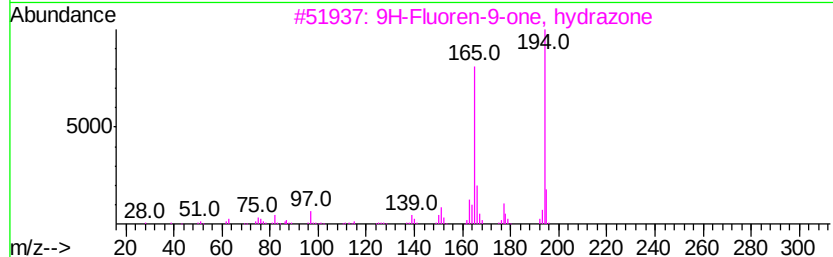
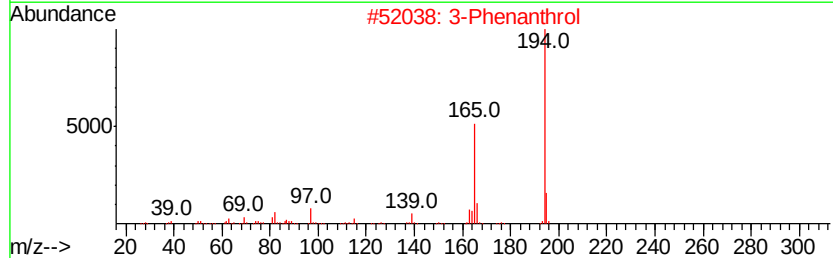
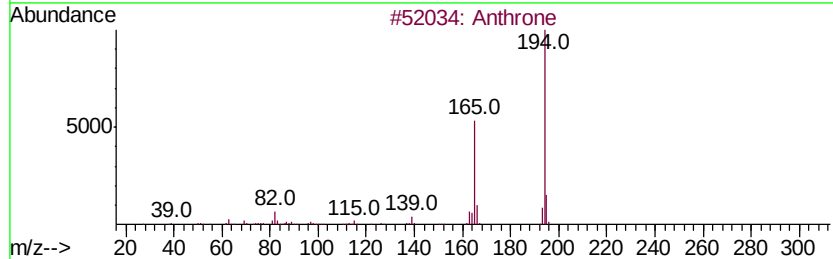
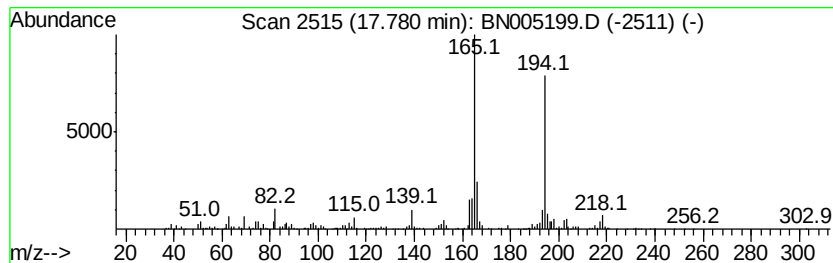
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Anthrone Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.78	3.54 ng/ul	1394460	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthrone	194	C14H10O	000090-44-8	87
2			3-Phenanthrol	194	C14H10O	000605-87-8	87
3			9H-Fluoren-9-one, hvdrazone	194	C13H10N2	013629-22-6	87
4			2-Phenanthrenol	194	C14H10O	000605-55-0	80
5			N-(4-Methoxyphenyl)-2-hydroxyimi...	194	C9H10N2O3	1000143-61-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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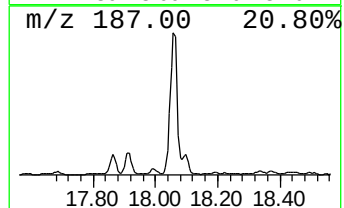
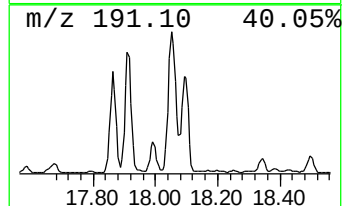
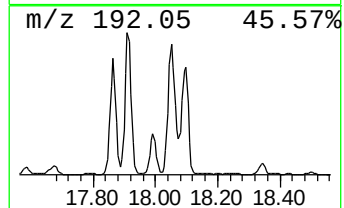
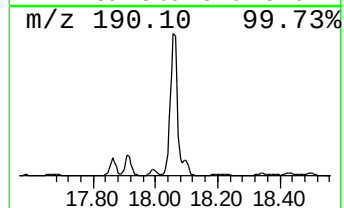
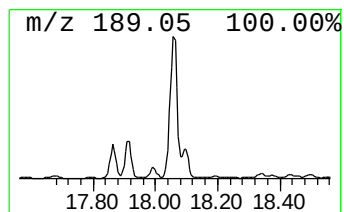
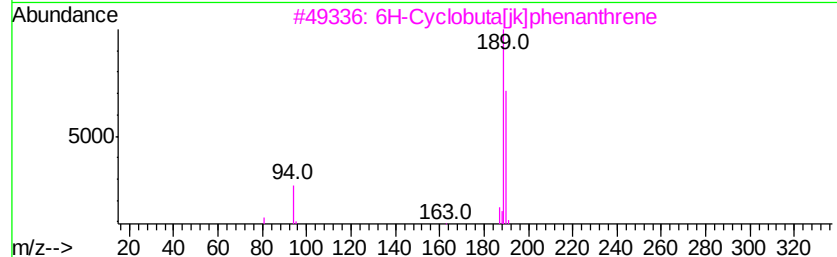
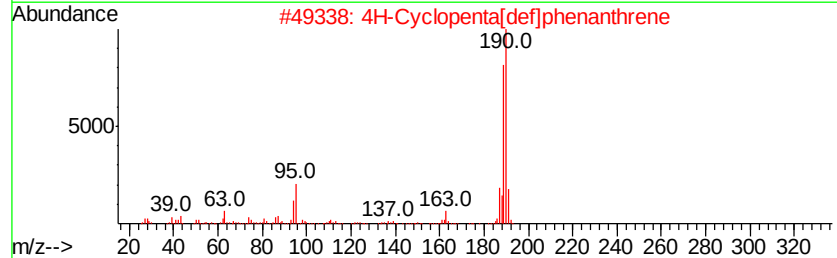
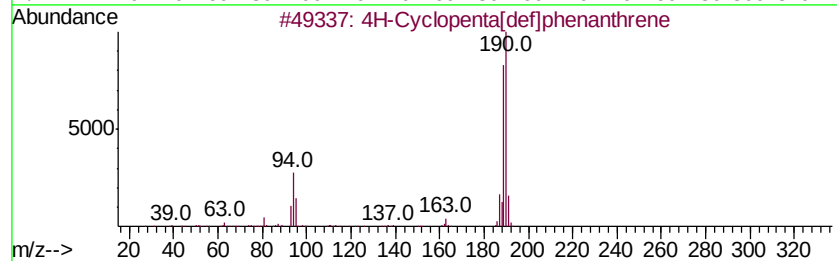
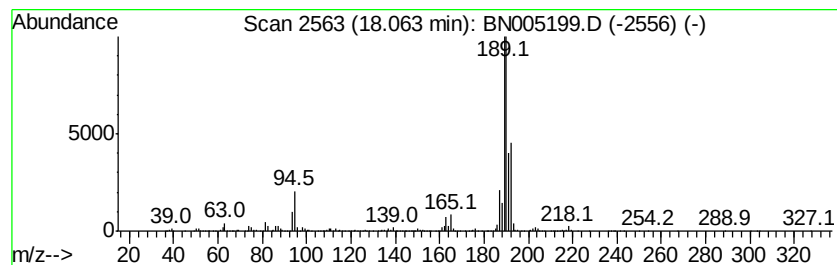
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	25.67 ng/ul	10106100	Phenanthrene-d10	16.99

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	60
3			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

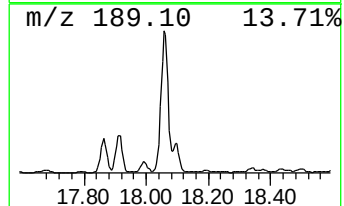
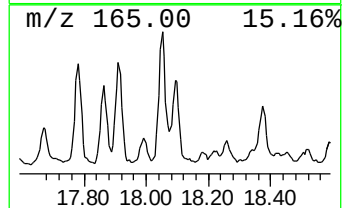
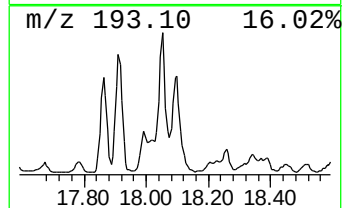
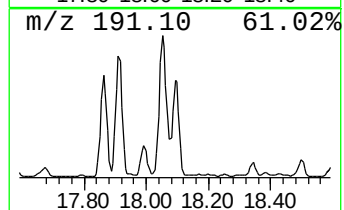
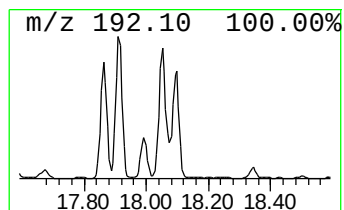
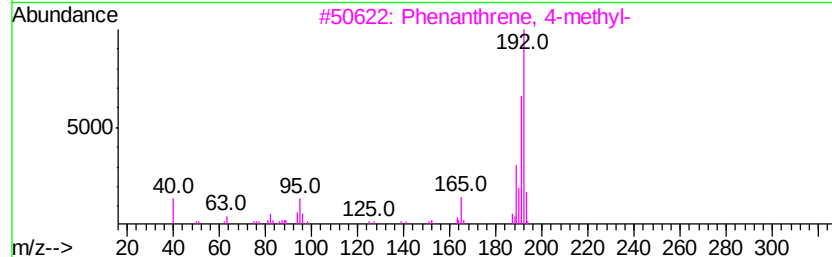
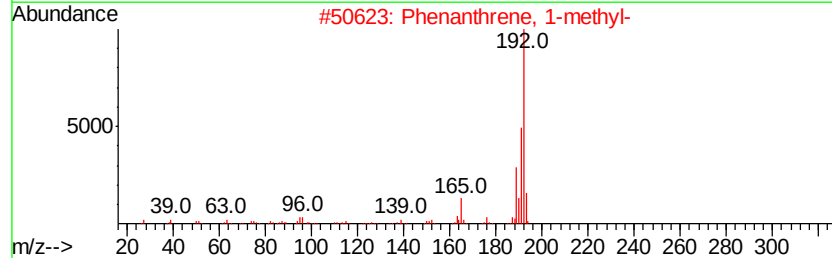
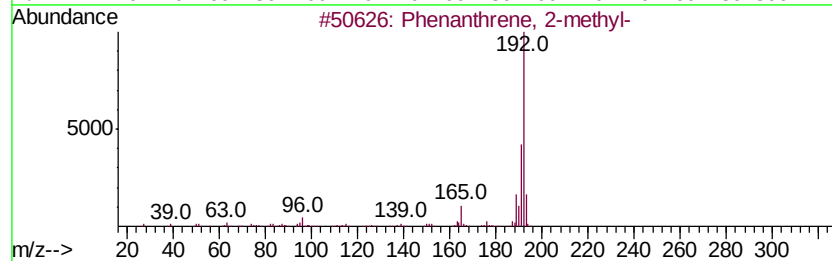
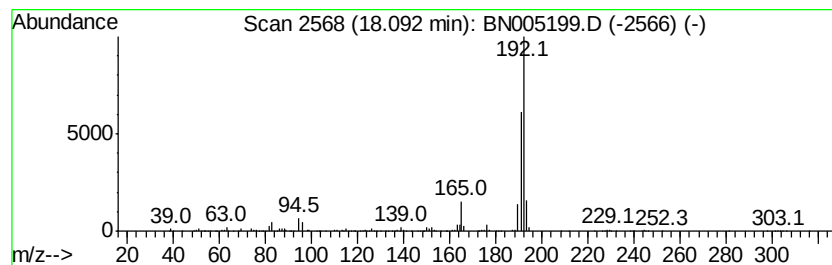
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	8.04 ng/ul	3165310	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Sample : K2455-04
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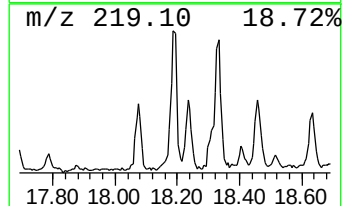
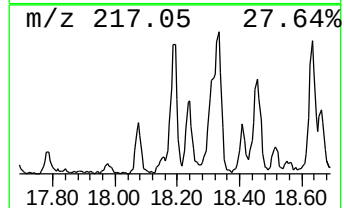
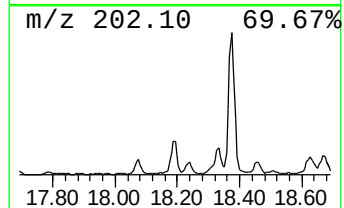
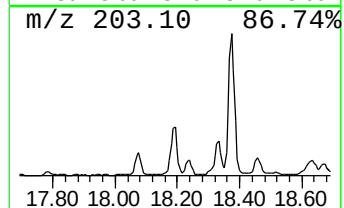
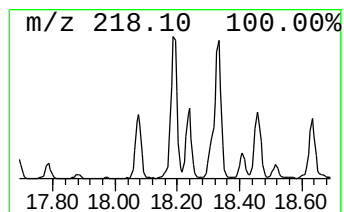
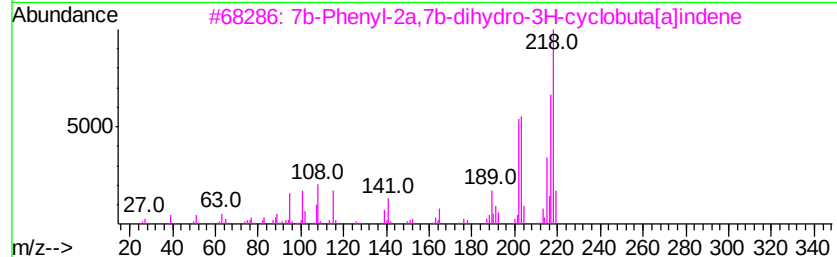
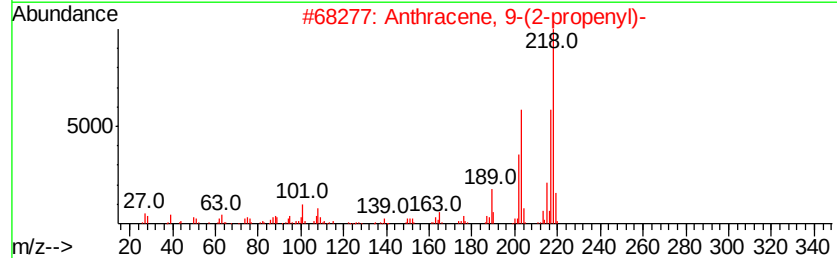
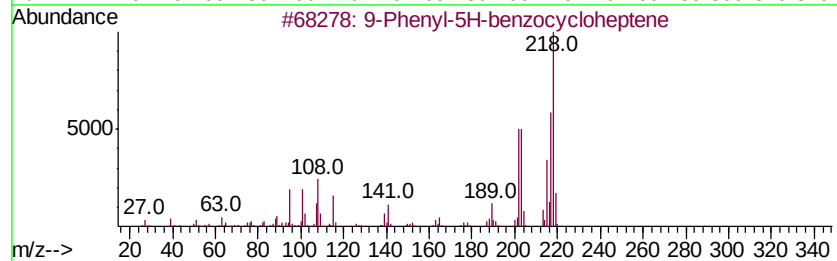
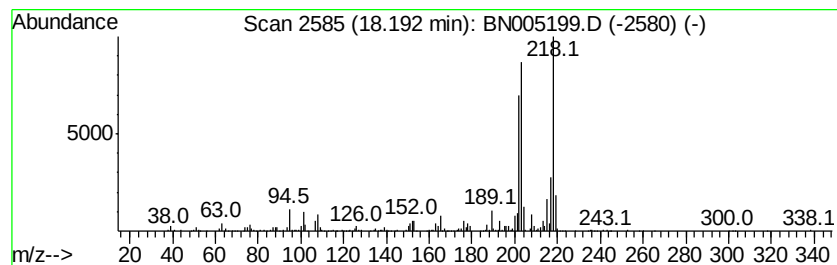
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 9-Phenyl-5H-benzocycloheptene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.57 ng/ul	1010440	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Phenyl-5H-benzocycloheptene	218 C17H14	138089-71-1	74
2	Anthracene, 9-(2-propenyl)-	218 C17H14	023707-65-5	70
3	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218 C17H14	138089-70-0	64
4	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218 C17H14	138089-69-7	58
5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218 C13H14O3	1000186-57-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
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Misc :
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ClientSampleId :
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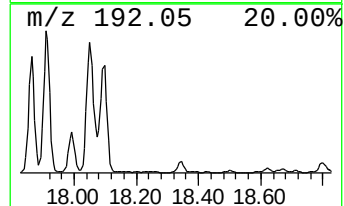
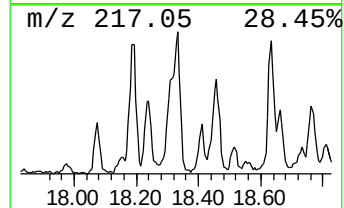
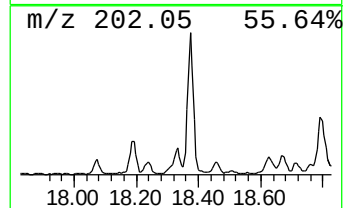
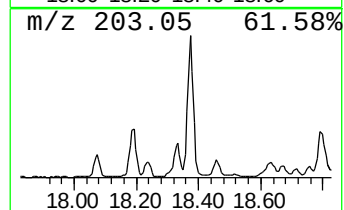
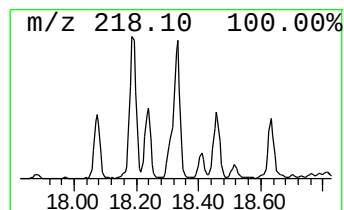
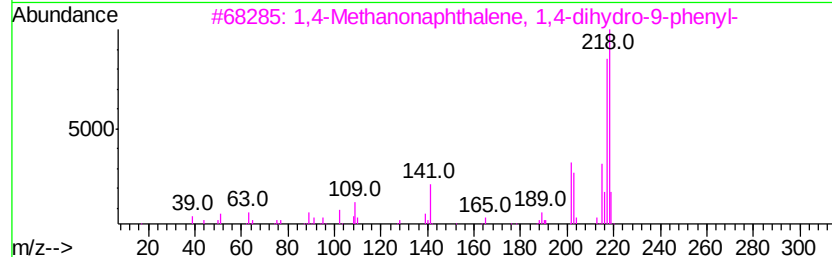
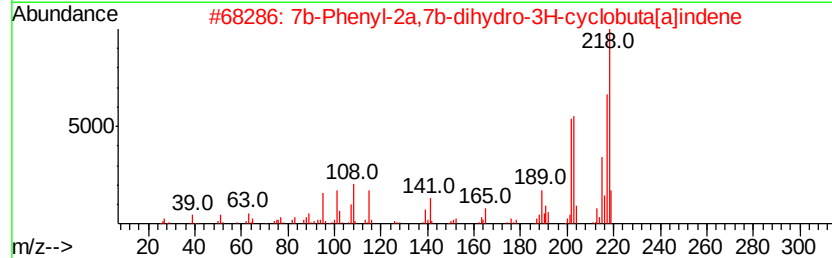
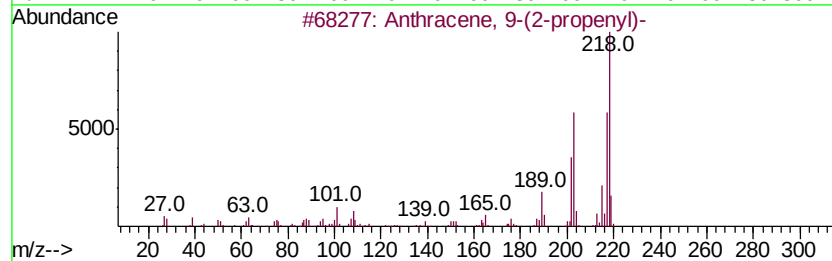
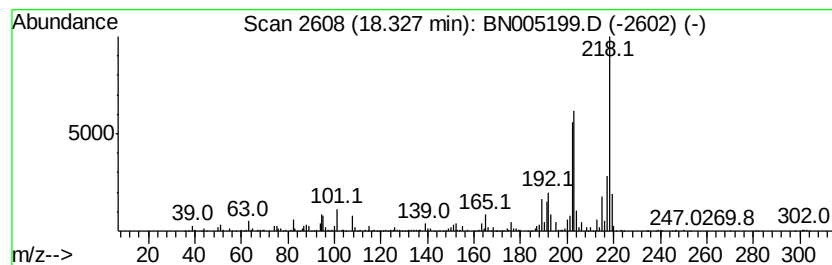
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Anthracene, 9-(2-propenyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.46 ng/ul	1360180	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	91
2		7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	62
3		1,4-Methanonaphthalene, 1,4-dihv...	218	C17H14	055028-73-4	58
4		Naphthalene, 1-(phenylmethyl)-	218	C17H14	000611-45-0	53
5		9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
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Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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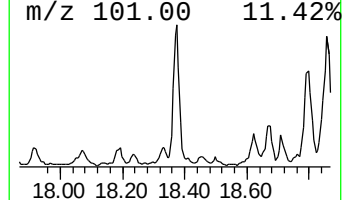
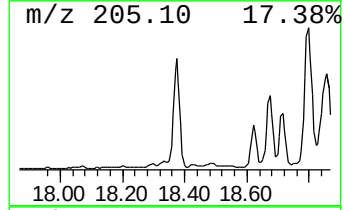
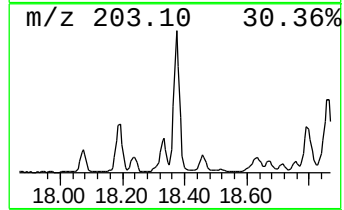
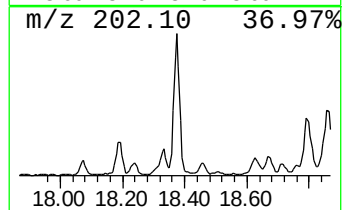
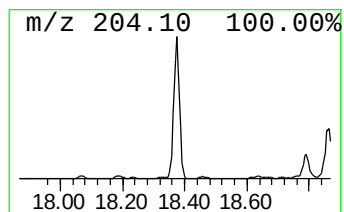
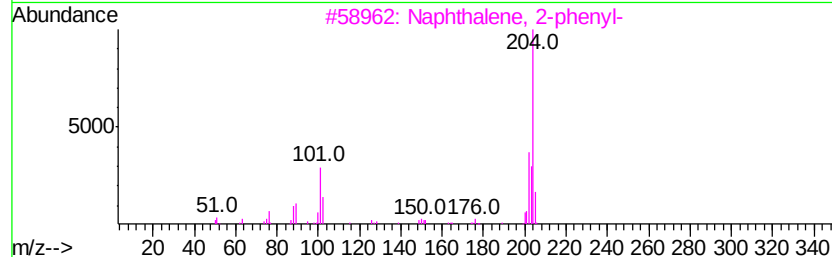
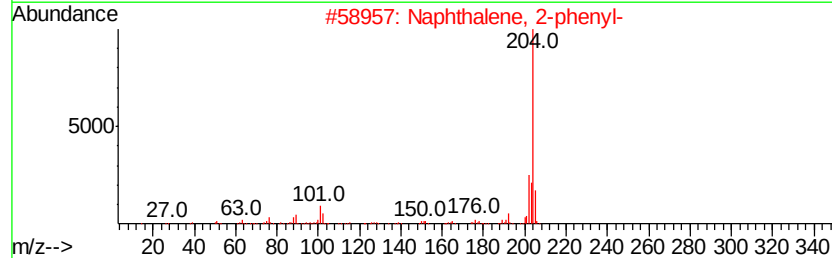
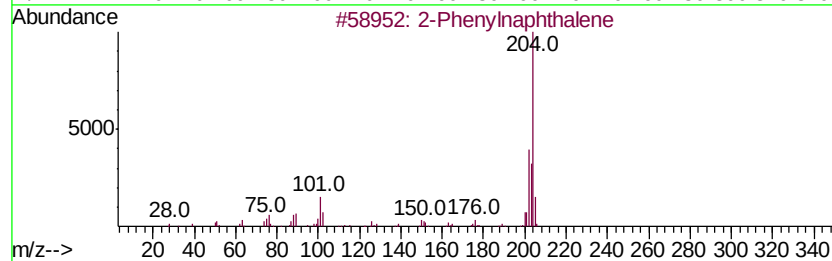
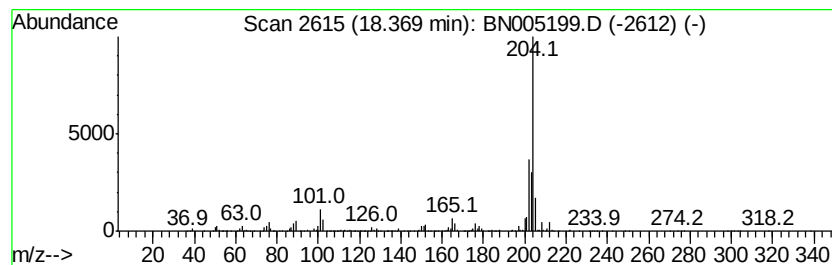
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 2-Phenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	11.30 ng/ul	4448380	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	81
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAHQ6

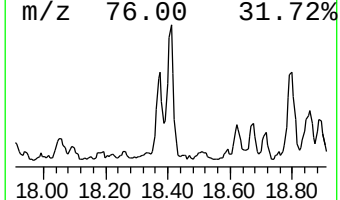
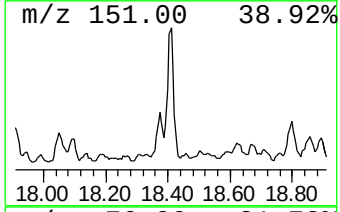
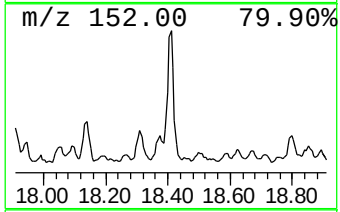
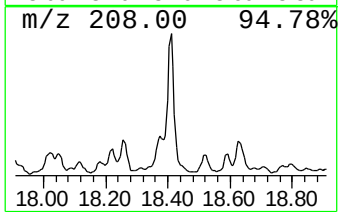
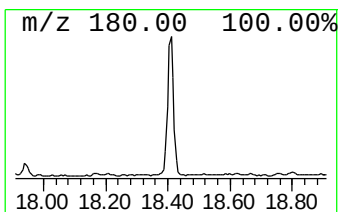
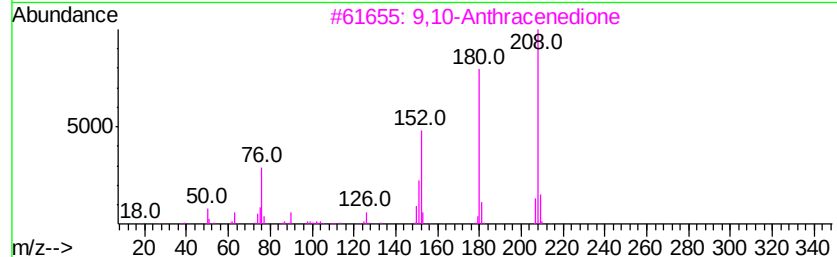
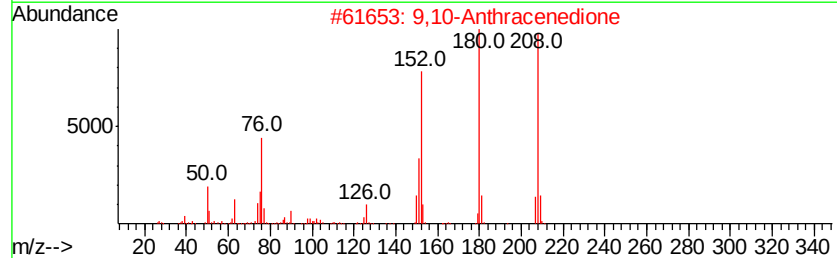
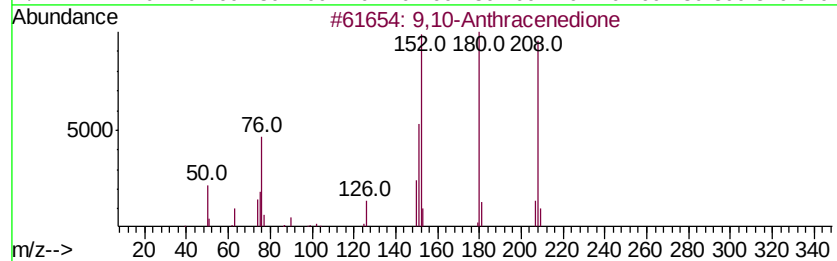
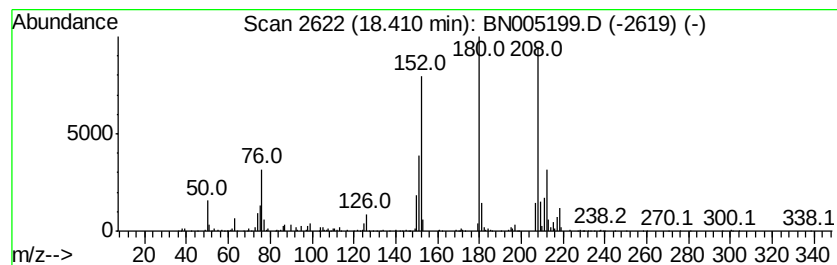
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.54 ng/ul	1785940	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
4			Benzo[cl]cinoline	180	C12H8N2	000230-17-1	55
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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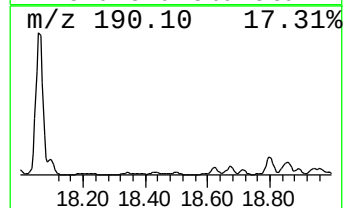
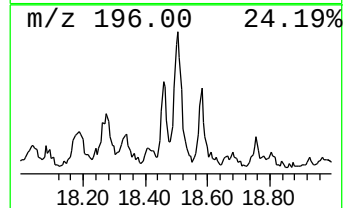
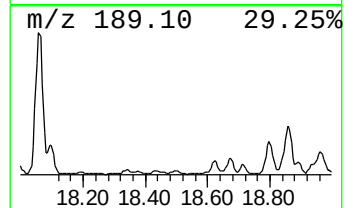
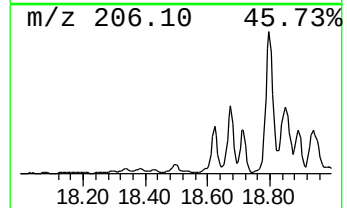
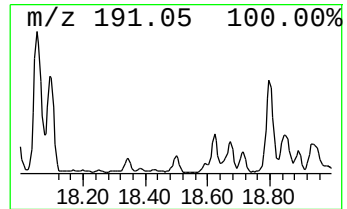
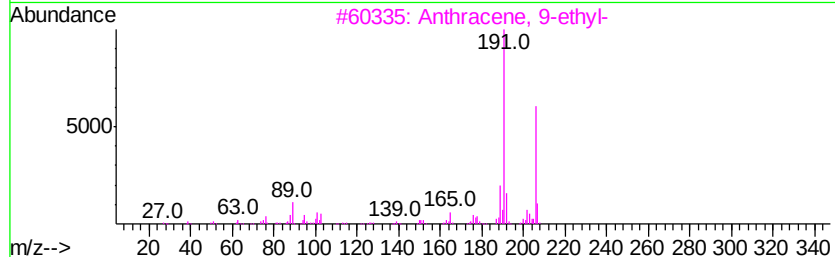
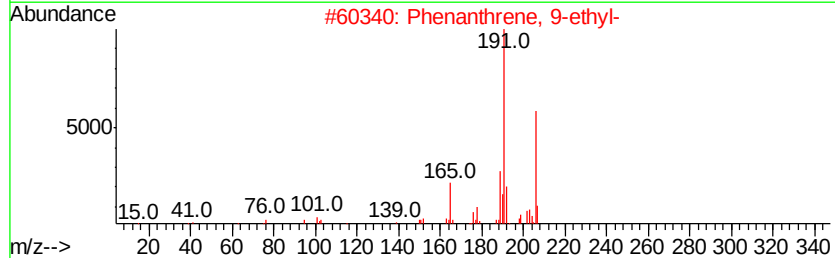
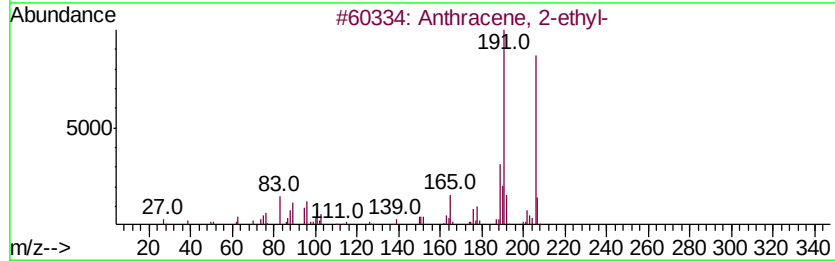
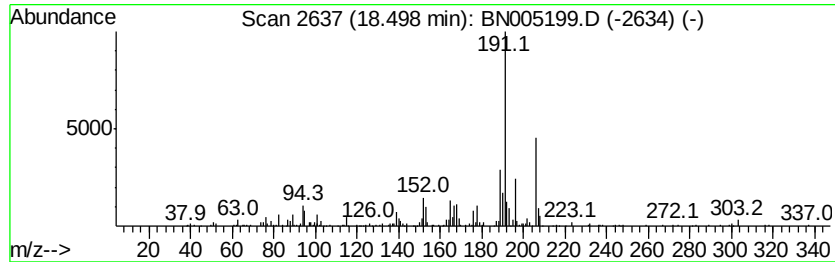
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Anthracene, 2-ethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.39 ng/ul	939751	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	92
2		Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	89
3		Anthracene, 9-ethyl-	206	C16H14	000605-83-4	52
4		Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	47
5		Anthracene, 1-(3-butenyl)-	232	C18H16	1000156-51-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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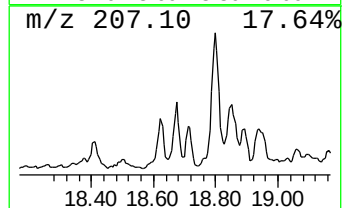
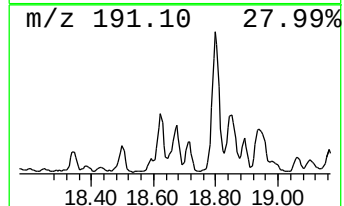
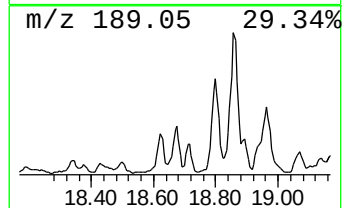
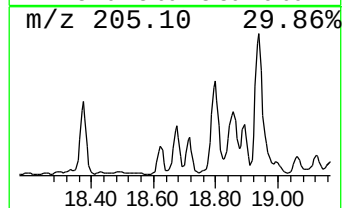
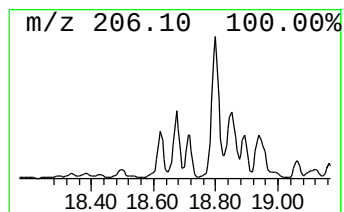
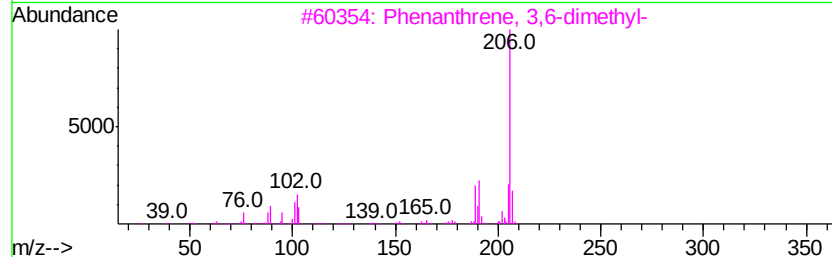
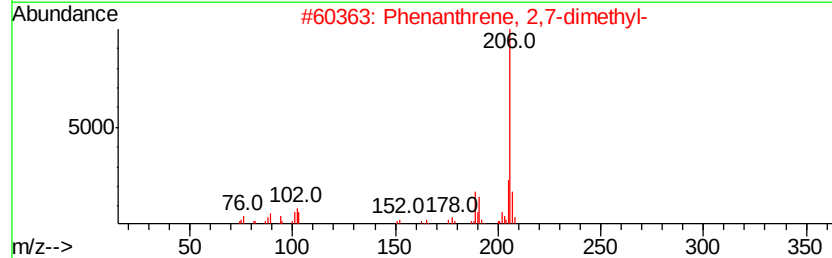
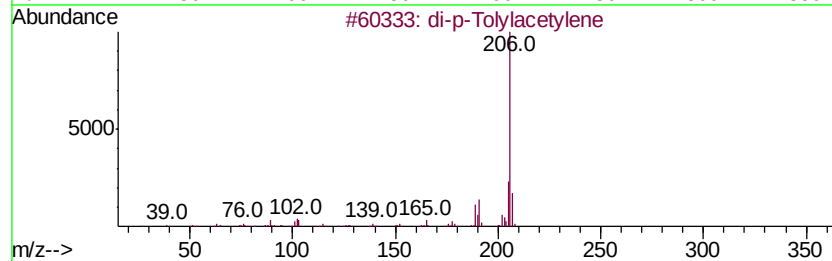
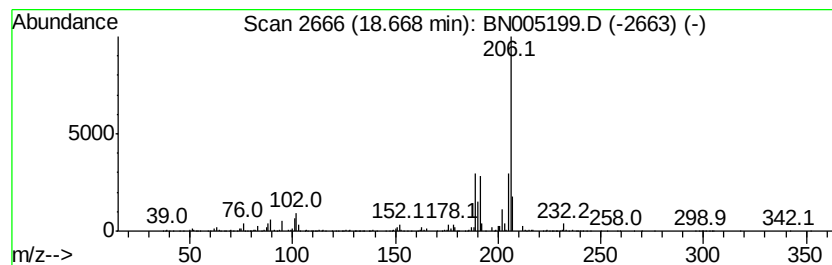
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 di-p-Tolylacetylene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.08 ng/ul	1606830	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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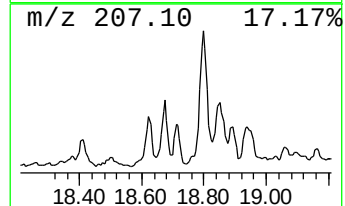
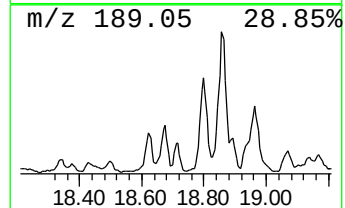
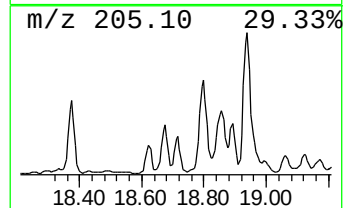
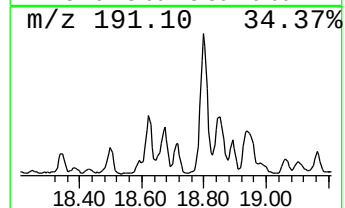
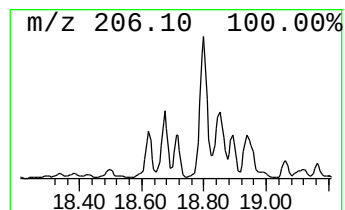
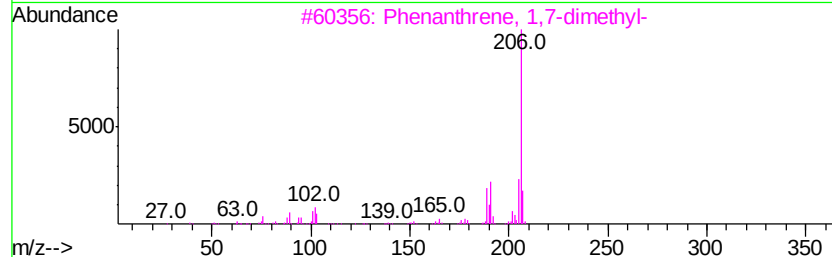
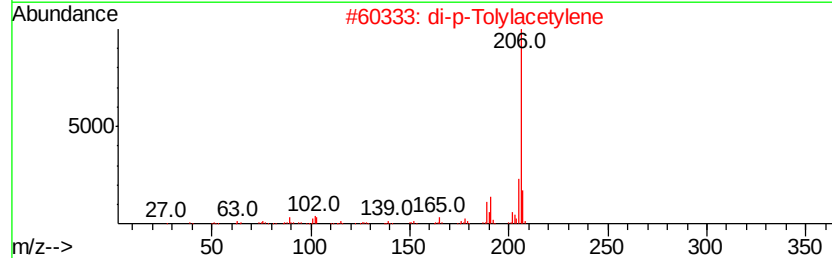
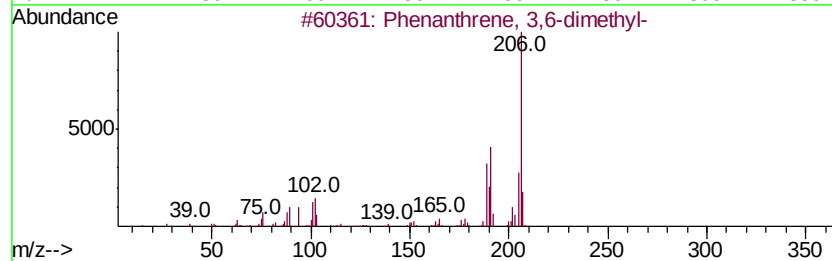
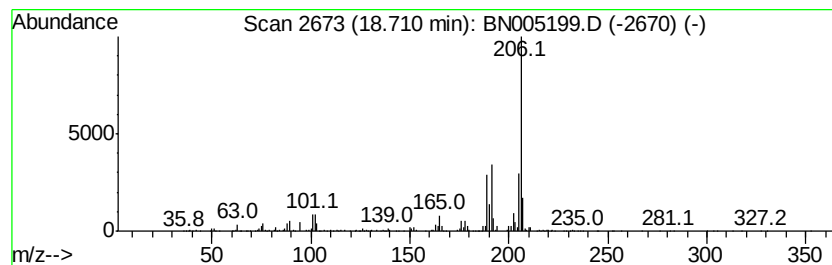
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	3.23 ng/ul	1272740	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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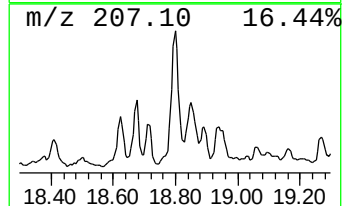
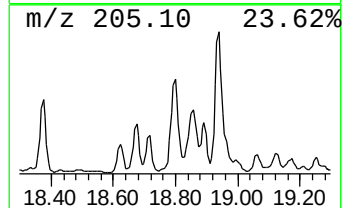
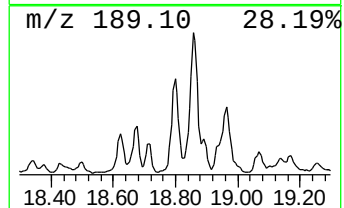
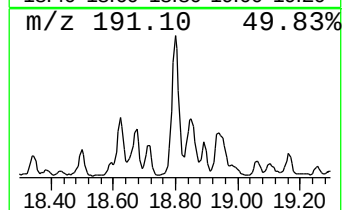
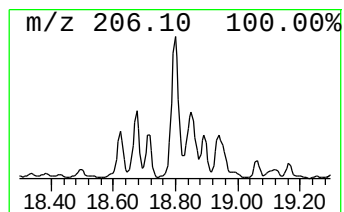
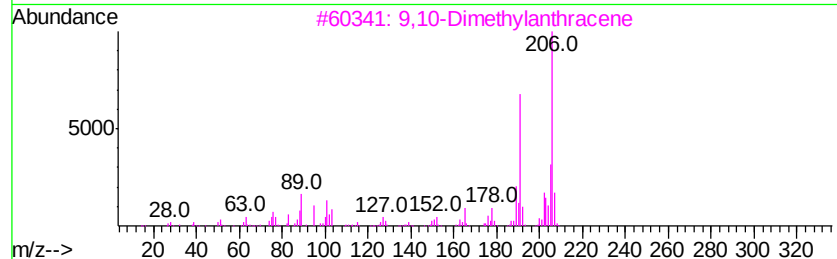
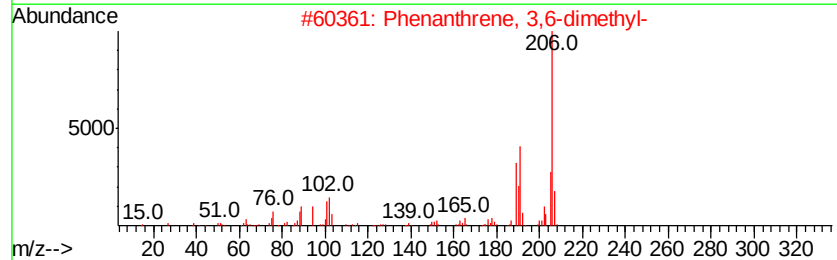
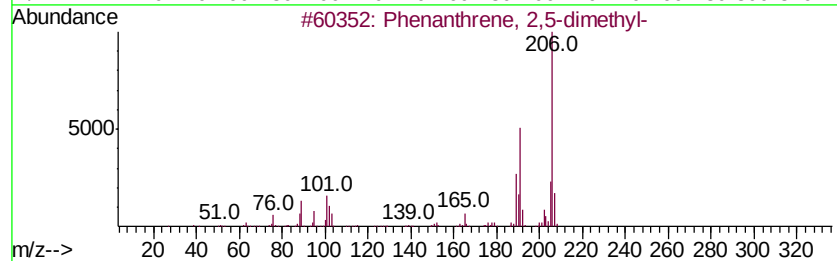
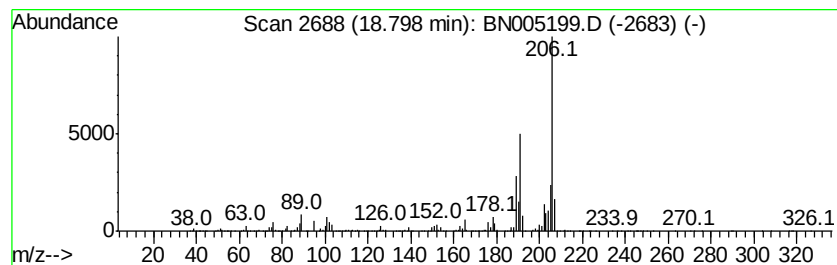
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	13.75 ng/ul	5412890	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Misc :
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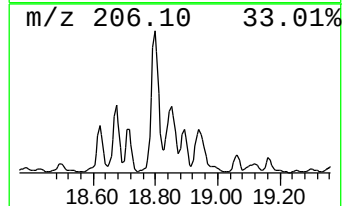
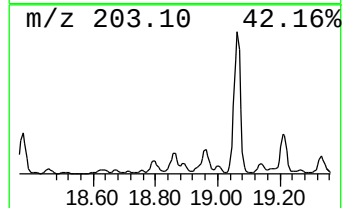
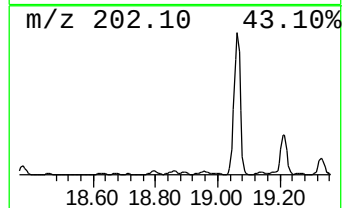
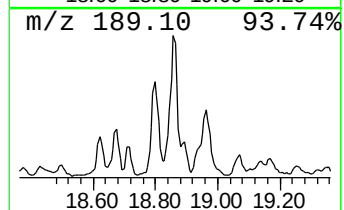
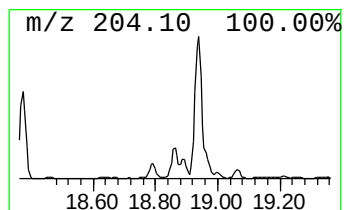
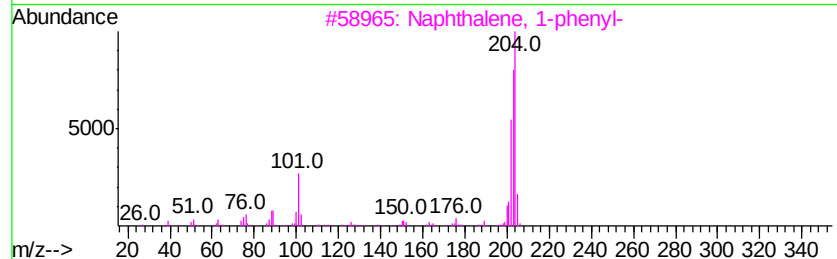
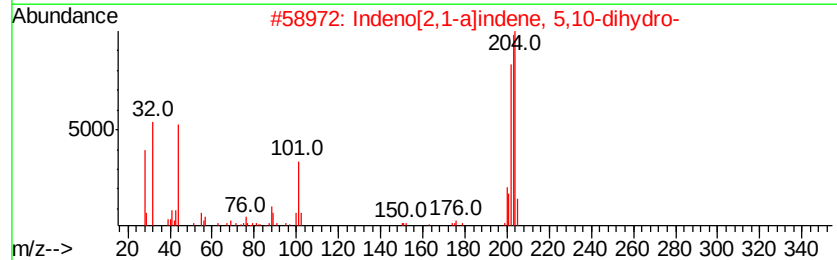
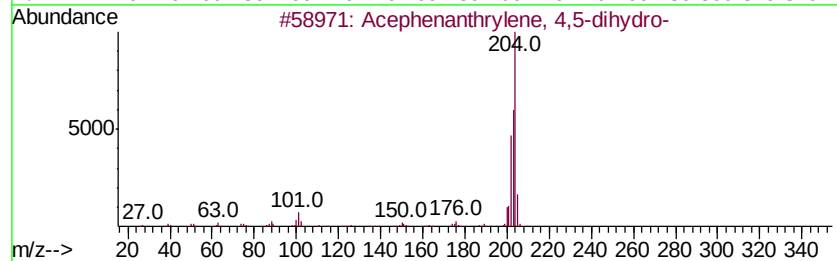
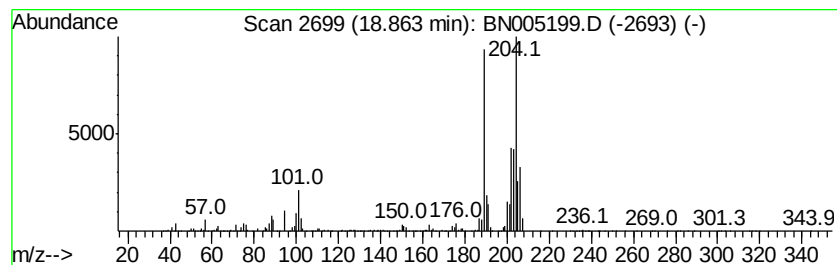
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.86	9.18 ng/ul	3614070	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
2		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	48
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	46
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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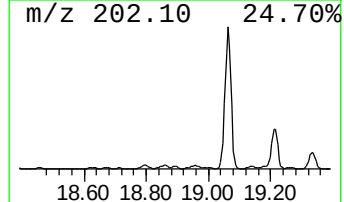
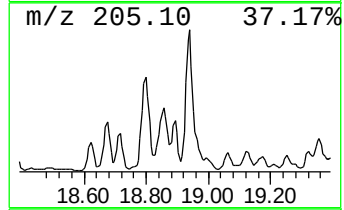
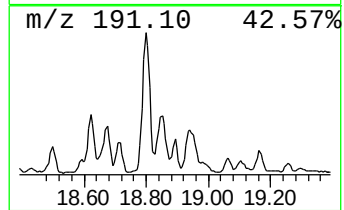
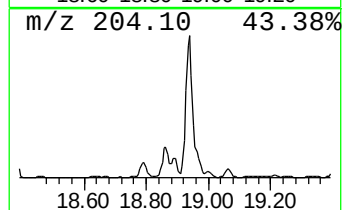
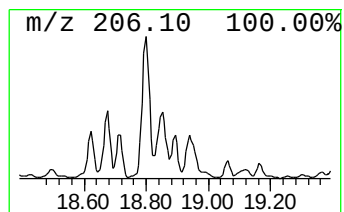
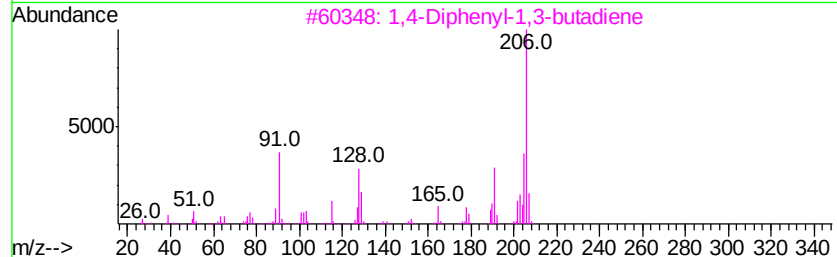
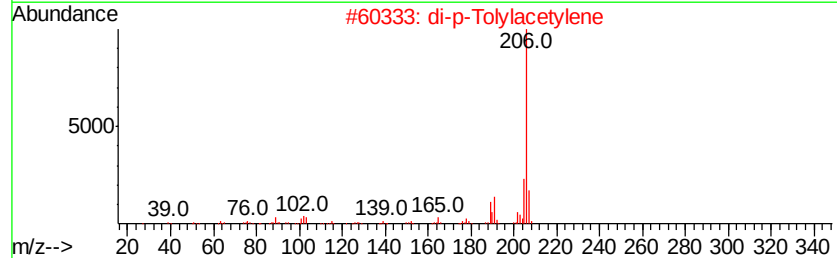
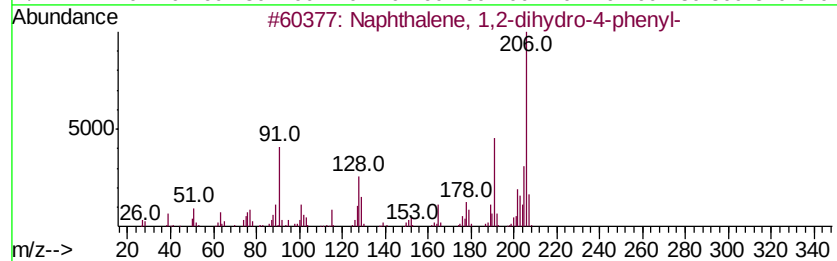
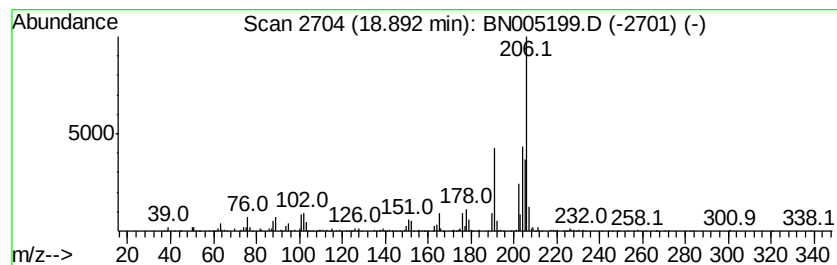
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 1,2-dihydro-4-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.75 ng/ul	1475880	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	92
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	62
3		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	58
4		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	58
5		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ6

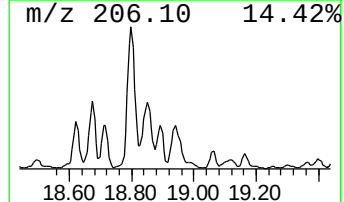
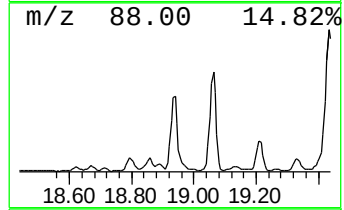
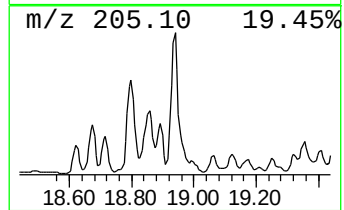
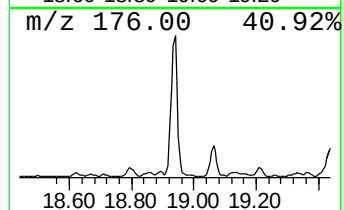
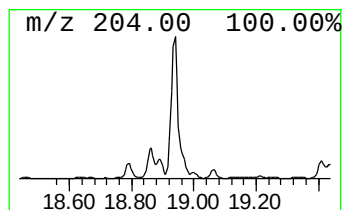
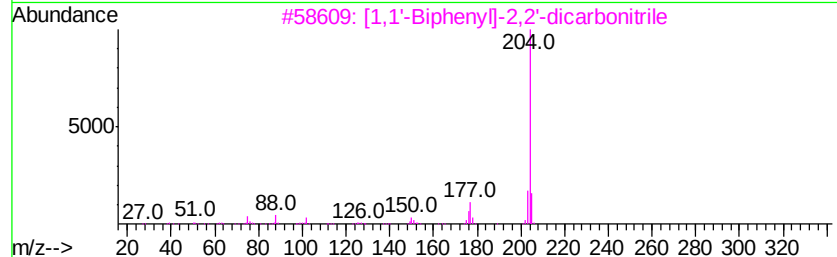
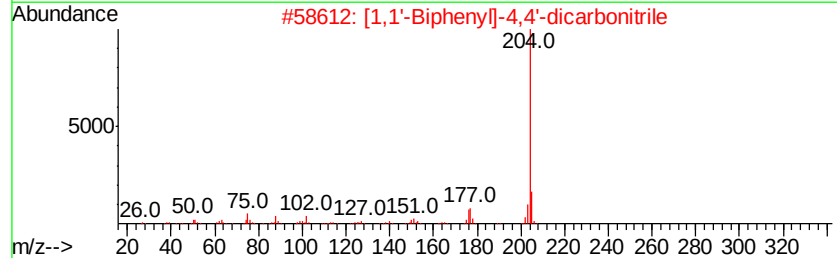
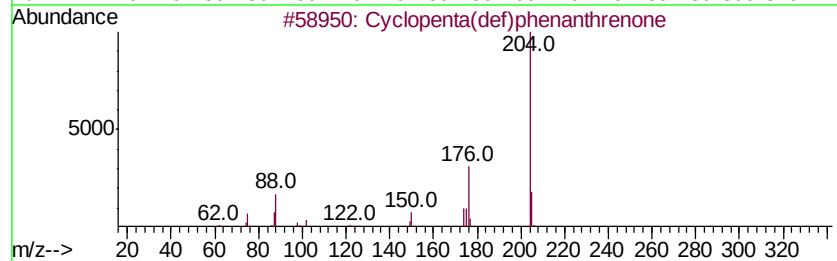
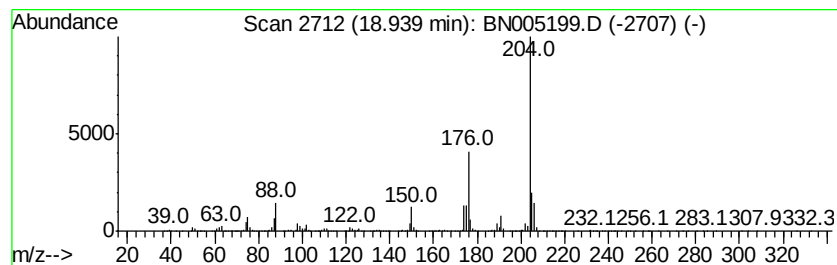
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	23.62 ng/ul	9296080	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ6

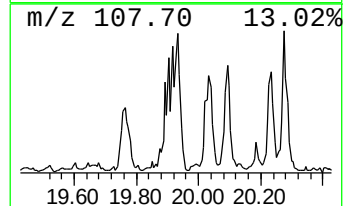
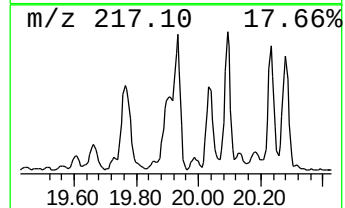
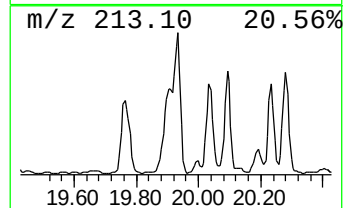
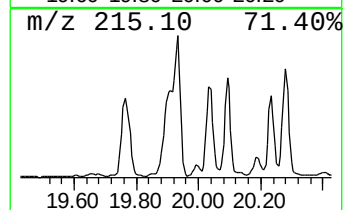
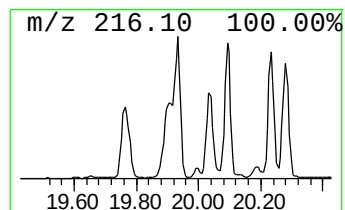
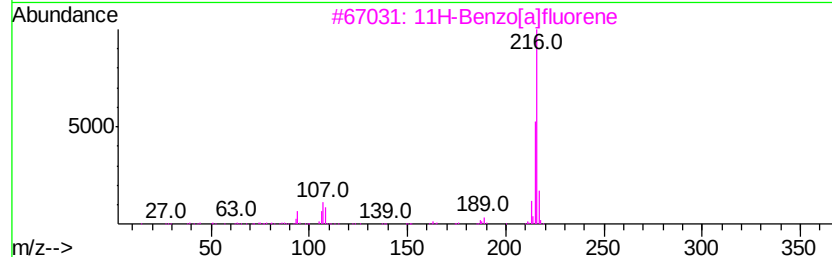
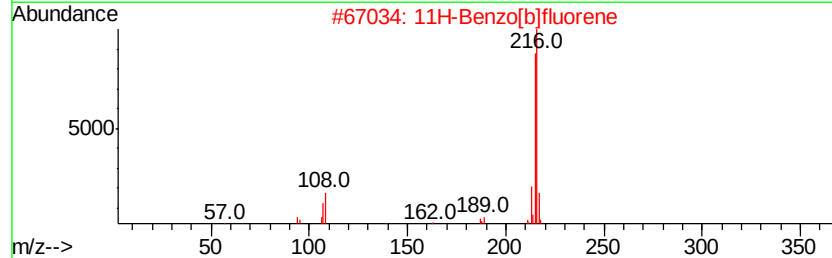
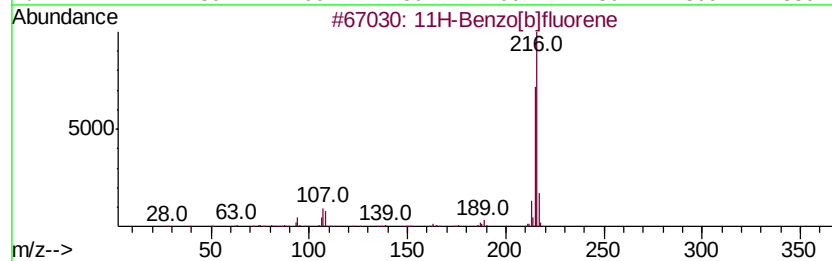
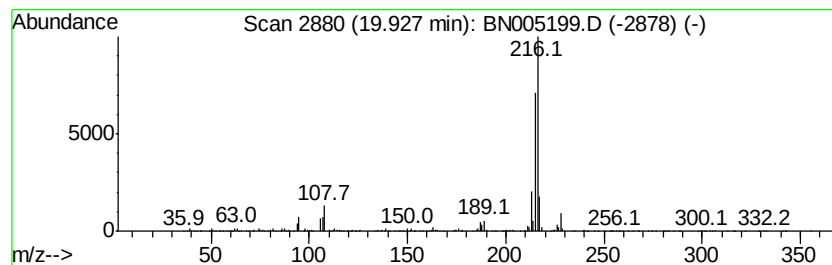
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	5.32 ng/ul	7200050	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

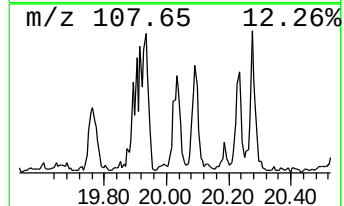
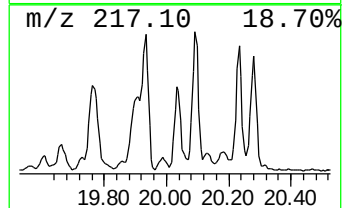
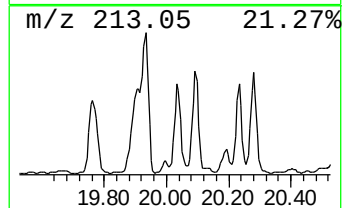
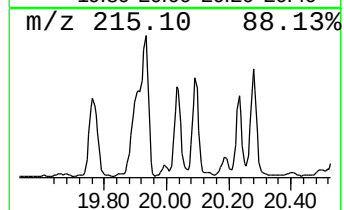
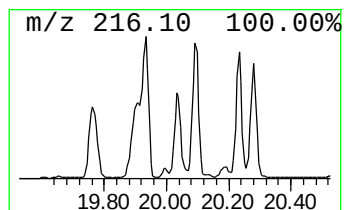
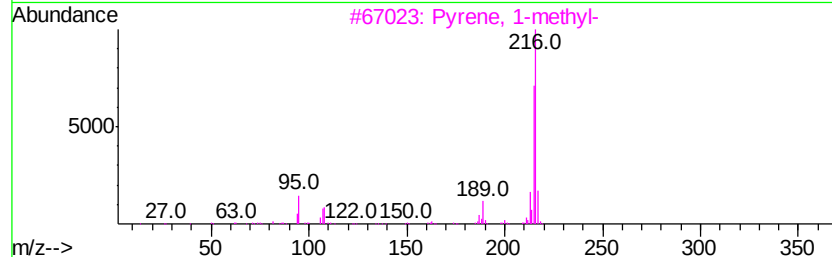
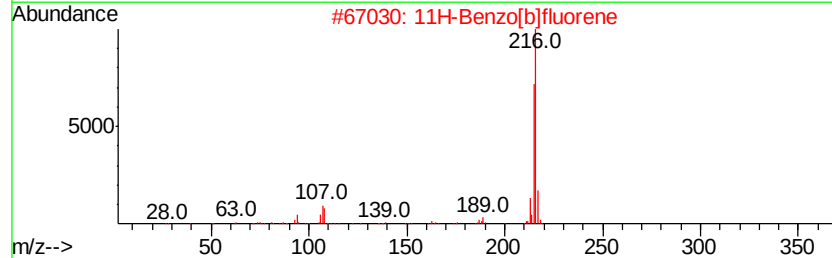
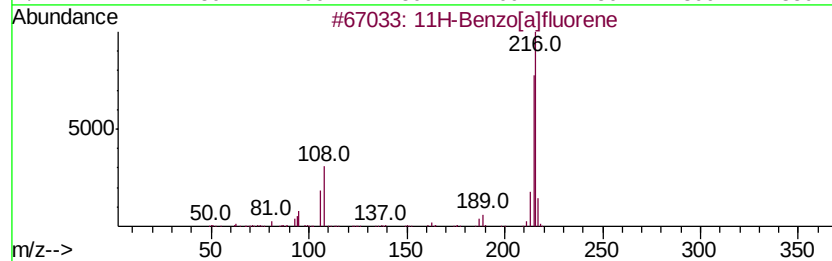
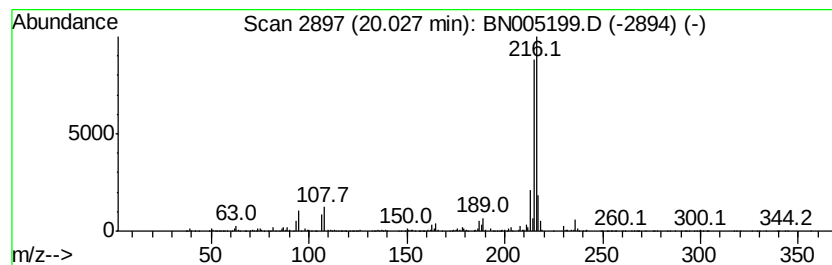
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 11H-Benzo[a]fluorene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.03	3.88 ng/ul	5244160	Chrysene-d12		21.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

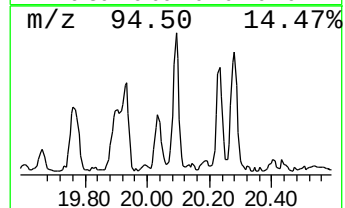
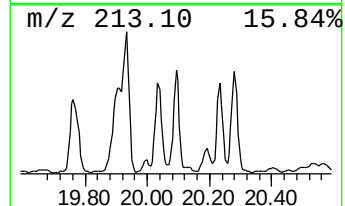
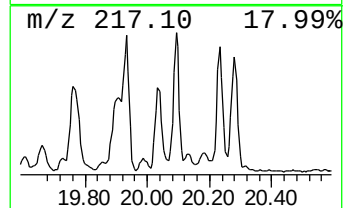
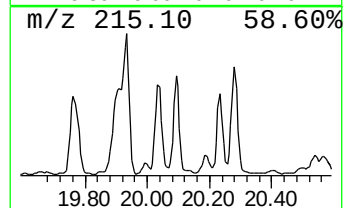
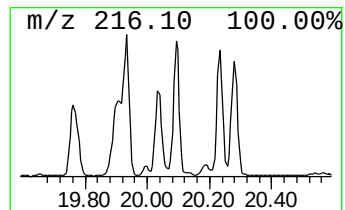
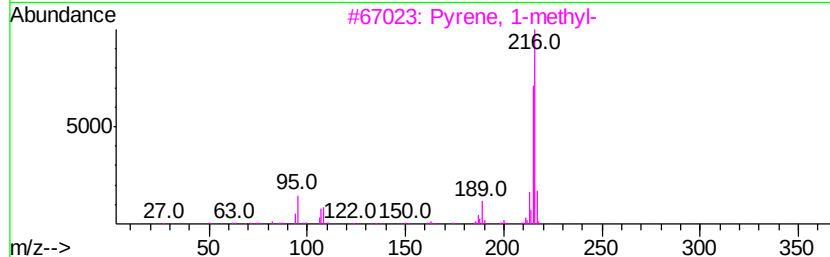
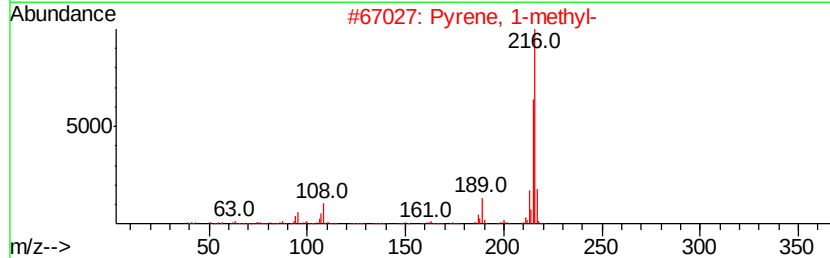
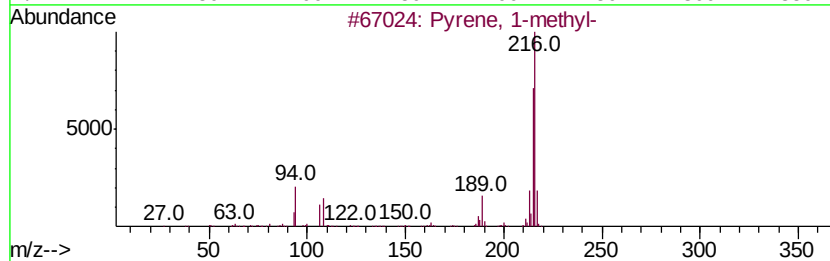
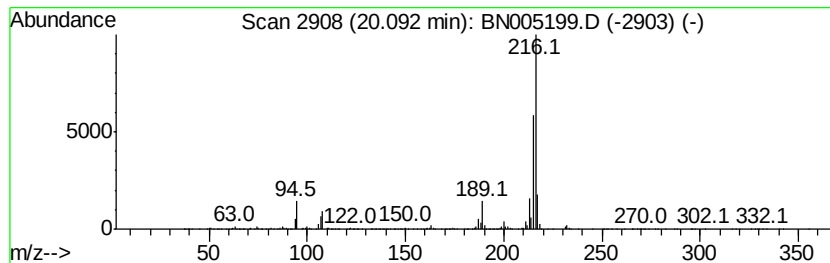
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	5.00 ng/ul	6767790	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7 95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7 95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7 95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2 95
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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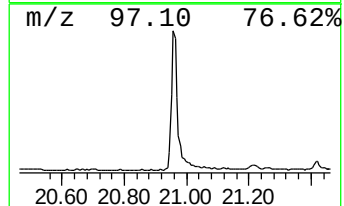
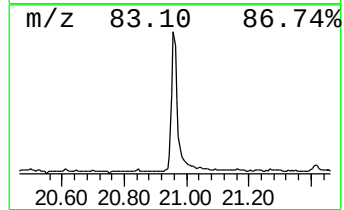
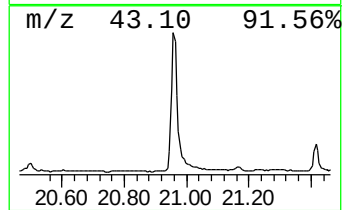
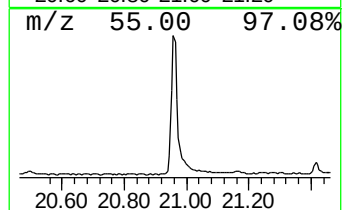
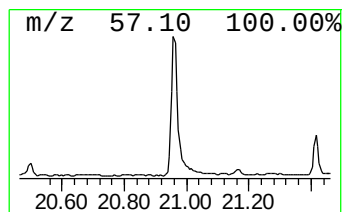
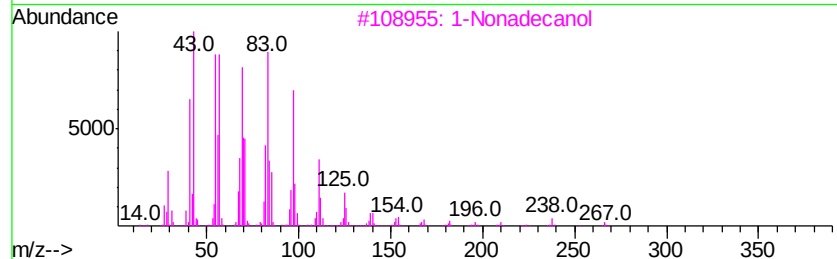
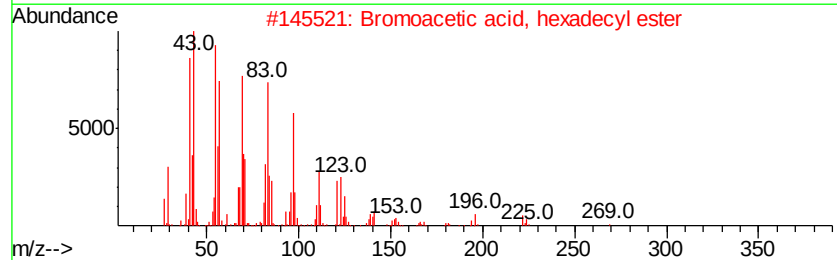
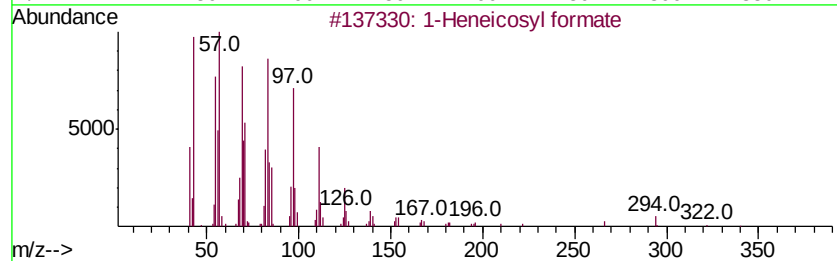
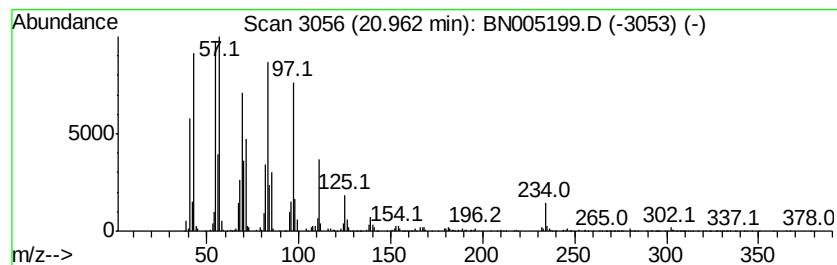
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 1-Heneicosyl formate Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.53 ng/ul	3425660	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3		1-Nonadecanol	284	C19H40O	001454-84-8	94
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
5		1-Octadecanol	270	C18H38O	000112-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
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Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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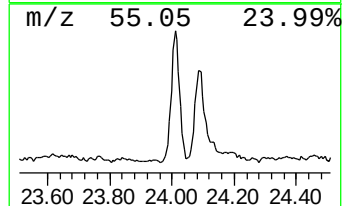
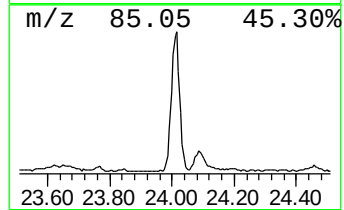
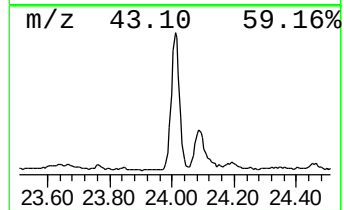
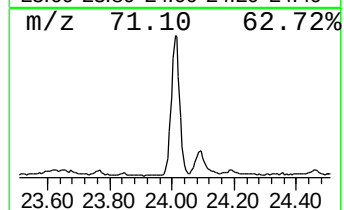
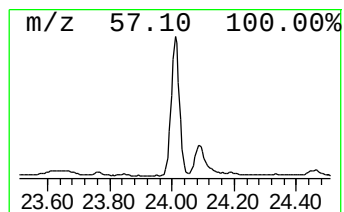
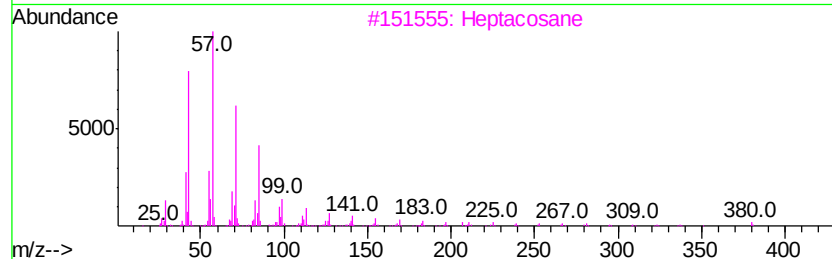
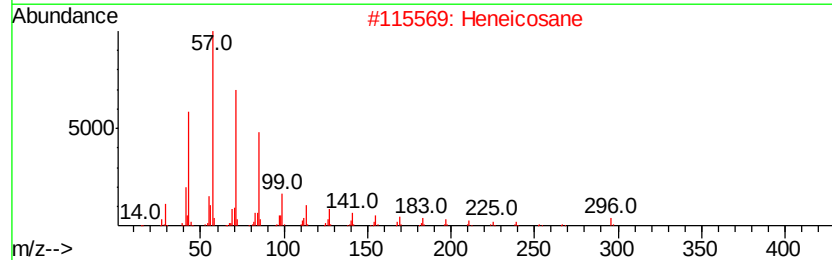
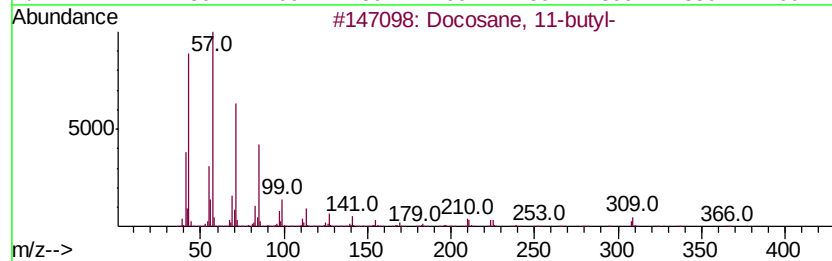
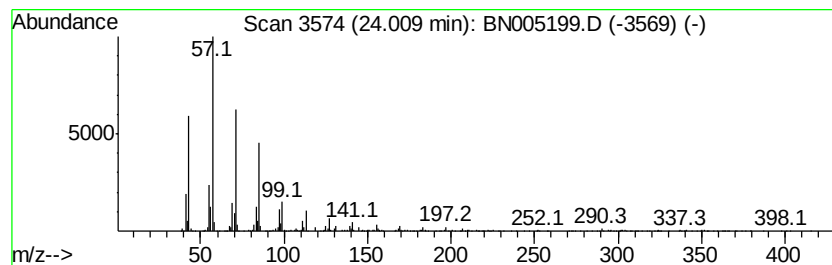
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	4.20 ng/ul	1609620	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2		Heneicosane	296	C21H44	000629-94-7	92
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

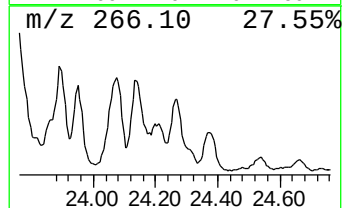
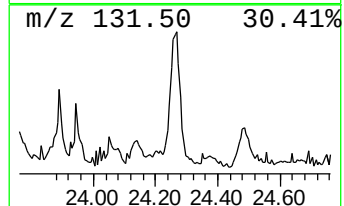
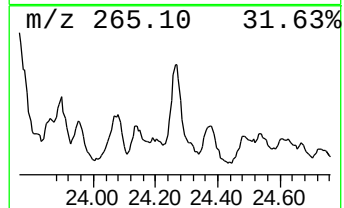
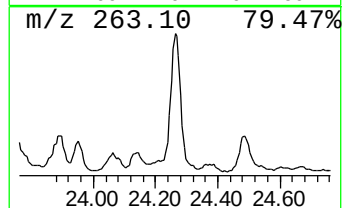
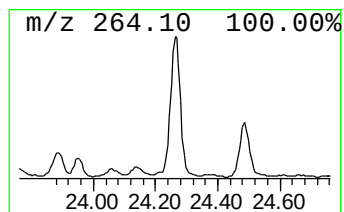
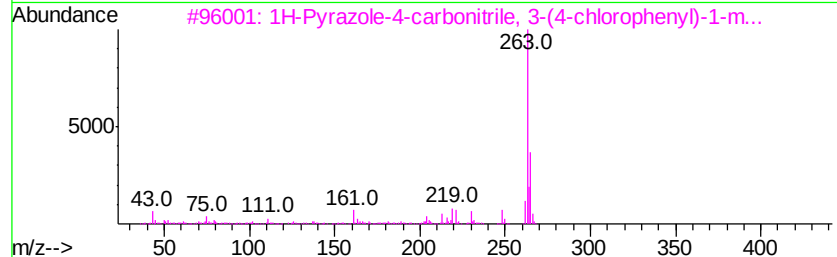
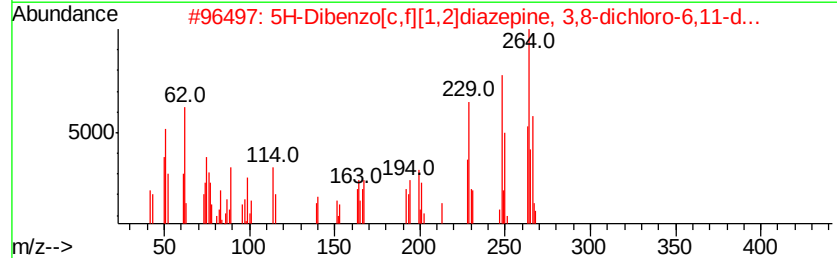
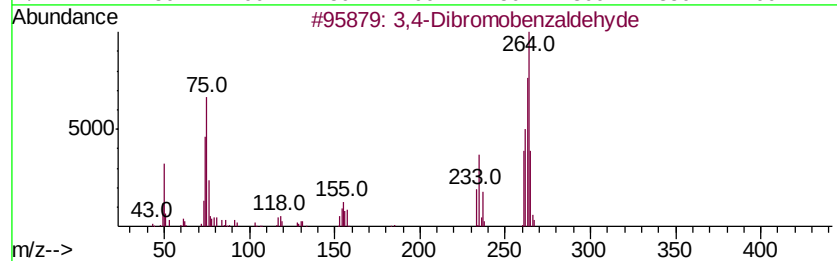
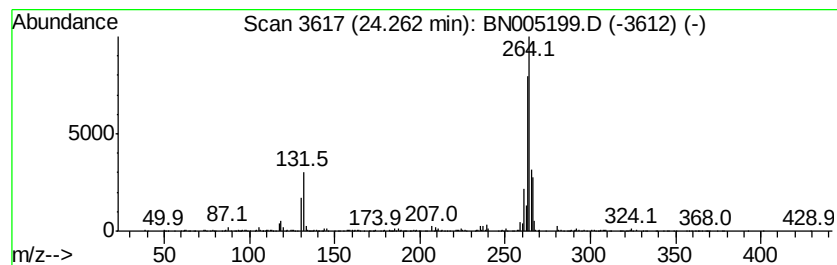
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 3,4-Dibromobenzaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	4.89 ng/ul	1871310	Perylene-d12	23.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7 64
2	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8 38
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0 35
4	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6 32
5	2-[2-Quinoliny]lmethylenequinocl...	264	C17H16N2O	1000257-08-0 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ6

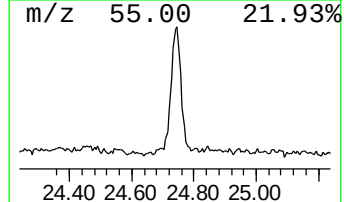
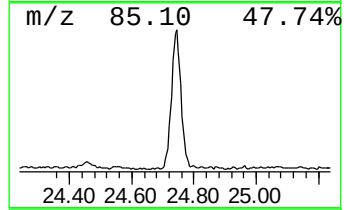
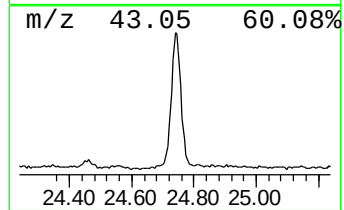
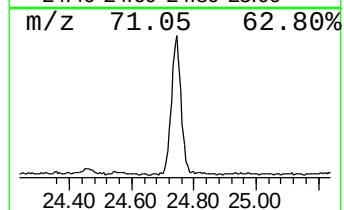
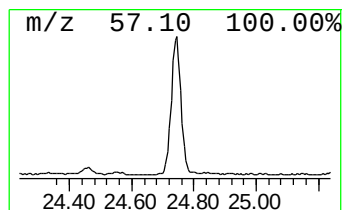
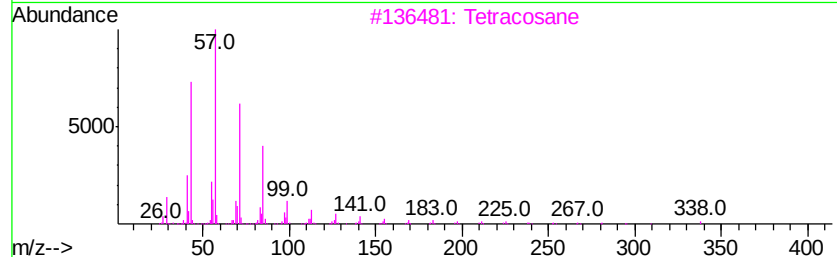
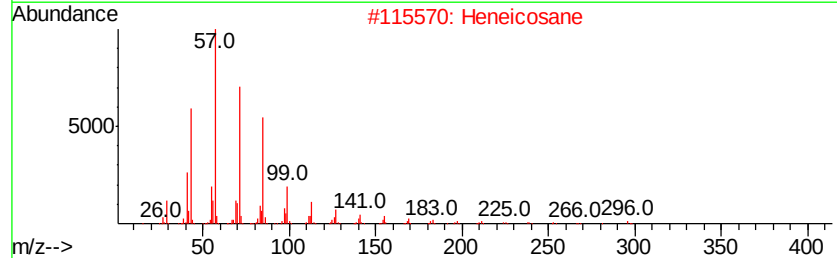
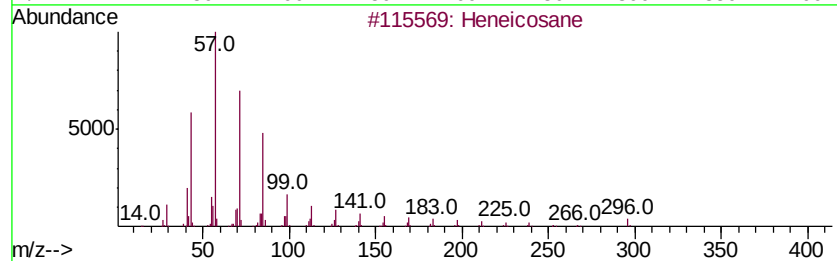
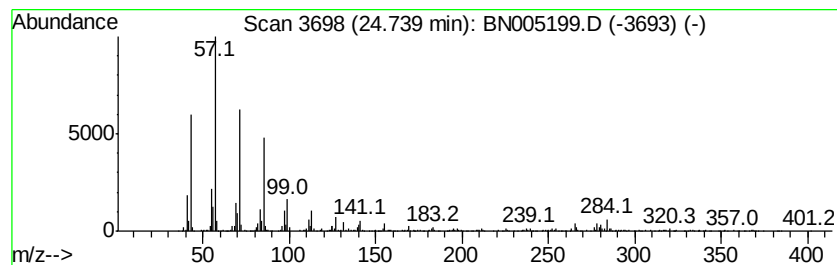
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.74	5.01 ng/ul	1917640	Perylene-d12	23.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Heneicosane	296	C21H44	000629-94-7	97
3			Tetracosane	338	C24H50	000646-31-1	93
4			Tetracosane	338	C24H50	000646-31-1	91
5			triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005199.D
 Acq On : 23 Apr 2019 06:13
 Operator : JU/SJ
 Sample : K2455-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
1,4-Methanonaphth...	11.88	4.2	ng/ul	982659	2	10.36	4737800	20.0
9H-Fluorene, 2,3-...	17.18	2.8	ng/ul	1114170	4	16.99	7872790	20.0
Anthracene, 9-eth...	17.52	4.8	ng/ul	1883510	4	16.99	7872790	20.0
unknown-01	17.69	5.3	ng/ul	2088060	4	16.99	7872790	20.0
Anthrone	17.78	3.5	ng/ul	1394460	4	16.99	7872790	20.0
4H-Cyclopenta[def...	18.06	25.7	ng/ul	10106100	4	16.99	7872790	20.0
Phenanthrene, 2-m...	18.09	8.0	ng/ul	3165310	4	16.99	7872790	20.0
9-Phenyl-5H-benzo...	18.19	2.6	ng/ul	1010440	4	16.99	7872790	20.0
Anthracene, 9-(2-...	18.33	3.5	ng/ul	1360180	4	16.99	7872790	20.0
2-Phenyl naphthalene	18.37	11.3	ng/ul	4448380	4	16.99	7872790	20.0
9,10-Anthracenedione	18.41	4.5	ng/ul	1785940	4	16.99	7872790	20.0
Anthracene, 2-ethyl-	18.50	2.4	ng/ul	939751	4	16.99	7872790	20.0
di-p-Tolylacetylene	18.67	4.1	ng/ul	1606830	4	16.99	7872790	20.0
Phenanthrene, 3,6...	18.71	3.2	ng/ul	1272740	4	16.99	7872790	20.0
Phenanthrene, 2,5...	18.80	13.8	ng/ul	5412890	4	16.99	7872790	20.0
unknown-02	18.86	9.2	ng/ul	3614070	4	16.99	7872790	20.0
Naphthalene, 1,2-...	18.89	3.8	ng/ul	1475880	4	16.99	7872790	20.0
Cyclopenta(def)ph...	18.94	23.6	ng/ul	9296080	4	16.99	7872790	20.0
11H-Benzo[b]fluorene	19.93	5.3	ng/ul	7200050	5	21.22	27059500	20.0
11H-Benzo[a]fluorene	20.03	3.9	ng/ul	5244160	5	21.22	27059500	20.0
Pyrene, 1-methyl-	20.09	5.0	ng/ul	6767790	5	21.22	27059500	20.0
1-Heneicosyl formate	20.96	2.5	ng/ul	3425660	5	21.22	27059500	20.0
(DEL) Alkane: Str...	24.01	4.2	ng/ul	1609620	6	23.43	7656240	20.0
3,4-Dibromobenzal...	24.26	4.9	ng/ul	1871310	6	23.43	7656240	20.0
(DEL) Alkane: Str...	24.74	5.0	ng/ul	1917640	6	23.43	7656240	20.0