

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005234.D
 Acq On : 24 Apr 2019 03:05
 Operator : JU/SJ
 Sample : K2455-04DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ6DL

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	638	644	653	rBV	883677	1480264	9.00%	0.776%
2	6.946	662	673	681	rBV	693502	1043506	6.34%	0.547%
3	7.134	698	705	712	rBV	876747	1367878	8.31%	0.717%
4	7.599	774	784	792	rBV	1977000	3032078	18.43%	1.590%
5	8.128	868	874	880	rBV	128387	216555	1.32%	0.114%
6	8.293	895	902	914	rBV	1062576	1697129	10.31%	0.890%
7	8.740	971	978	992	rVB	796975	1321050	8.03%	0.693%
8	9.451	1093	1099	1106	rVB	622889	993428	6.04%	0.521%
9	9.981	1184	1189	1201	rVB	1037538	1768280	10.75%	0.927%
10	10.357	1246	1253	1260	rBV	2498023	4207448	25.57%	2.207%
11	10.498	1270	1277	1287	rBV	642203	1150396	6.99%	0.603%
12	11.881	1500	1512	1520	rVV2	134093	413218	2.51%	0.217%
13	13.651	1807	1813	1816	rBV	1703950	2455745	14.92%	1.288%
14	13.692	1816	1820	1826	rVB3	888378	1466659	8.91%	0.769%
15	13.922	1851	1859	1862	rBV	1941991	3273110	19.89%	1.717%
16	13.951	1862	1864	1877	rVB	1350541	1574985	9.57%	0.826%
17	14.233	1905	1912	1920	rBV2	3243930	5095412	30.97%	2.672%
18	14.433	1939	1946	1952	rBV	525273	837025	5.09%	0.439%
19	14.839	2010	2015	2021	rBV	187399	326518	1.98%	0.171%
20	15.110	2056	2061	2067	rVB	223824	340592	2.07%	0.179%
21	15.233	2067	2082	2087	rBV	2401910	3603661	21.90%	1.890%
22	15.351	2098	2102	2108	rVB2	163079	240361	1.46%	0.126%
23	15.486	2120	2125	2136	rVB5	118474	320125	1.95%	0.168%
24	15.963	2201	2206	2212	rVV4	127418	244139	1.48%	0.128%
25	16.280	2256	2260	2267	rBV6	88576	211613	1.29%	0.111%
26	16.563	2304	2308	2313	rVB	298935	424865	2.58%	0.223%
27	16.639	2318	2321	2329	rVB4	142918	274932	1.67%	0.144%
28	16.986	2374	2380	2384	rBV2	3867777	5380713	32.70%	2.822%
29	17.027	2384	2387	2391	rVV	741016	976730	5.94%	0.512%
30	17.080	2391	2396	2400	rVV	2201567	3281133	19.94%	1.721%
31	17.116	2400	2402	2408	rVB	680204	820140	4.98%	0.430%
32	17.186	2408	2414	2419	rBV4	211519	440464	2.68%	0.231%
33	17.469	2459	2462	2466	rVV	131090	238343	1.45%	0.125%
34	17.516	2466	2470	2474	rVV	587918	782039	4.75%	0.410%

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35	17.569	2475	2479	2485	rVB2	236130	381265	2.32%	0.200%
36	17.686	2490	2499	2509	rVB4	359044	891391	5.42%	0.467%
37	17.786	2511	2516	2523	rBV3	249085	575808	3.50%	0.302%
38	17.863	2525	2529	2533	rVV	1047244	1420304	8.63%	0.745%
39	17.916	2533	2538	2545	rVB	1714230	2420833	14.71%	1.270%
40	17.992	2546	2551	2555	rBV	375282	527283	3.20%	0.277%
41	18.057	2556	2562	2566	rVV2	2383840	4143912	25.18%	2.173%
42	18.098	2566	2569	2574	rVB	984676	1302059	7.91%	0.683%
43	18.192	2580	2585	2588	rBV	275408	421615	2.56%	0.221%
44	18.339	2606	2610	2612	rVV3	255012	384701	2.34%	0.202%
45	18.374	2612	2616	2620	rVV	1275709	1826255	11.10%	0.958%
46	18.410	2620	2622	2628	rVB3	428859	574257	3.49%	0.301%
47	18.504	2634	2638	2648	rVB5	154315	377659	2.30%	0.198%
48	18.592	2649	2653	2655	rBV3	166903	242416	1.47%	0.127%
49	18.621	2655	2658	2663	rVV2	530176	841529	5.11%	0.441%
50	18.674	2663	2667	2671	rVV	580514	815398	4.96%	0.428%
51	18.716	2671	2674	2678	rVB	388424	455724	2.77%	0.239%
52	18.798	2683	2688	2693	rVV2	1489485	2401227	14.59%	1.259%
53	18.857	2693	2698	2702	rVV3	1034195	1975952	12.01%	1.036%
54	18.892	2702	2704	2707	rVV	627684	611917	3.72%	0.321%
55	18.933	2707	2711	2725	rVV	2251999	4180485	25.41%	2.192%
56	19.063	2725	2733	2740	rVV	6103603	8759621	53.24%	4.594%
57	19.133	2741	2745	2748	rVV	649873	934660	5.68%	0.490%
58	19.169	2748	2751	2754	rVV2	426600	660802	4.02%	0.347%
59	19.210	2754	2758	2763	rVV	1655881	2311527	14.05%	1.212%
60	19.263	2763	2767	2771	rVV	516380	746643	4.54%	0.392%
61	19.333	2775	2779	2785	rVV	648194	1047356	6.37%	0.549%
62	19.398	2785	2790	2791	rVV	2593415	3054410	18.56%	1.602%
63	19.427	2791	2795	2804	rVV	11393695	16454159	100.00%	8.629%
64	19.516	2807	2810	2815	rVB	364315	521121	3.17%	0.273%
65	19.568	2815	2819	2821	rBV2	154134	245203	1.49%	0.129%
66	19.663	2831	2835	2843	rVB6	357177	802497	4.88%	0.421%
67	19.763	2847	2852	2863	rBV2	1351614	2701833	16.42%	1.417%
68	19.851	2863	2867	2869	rBV2	217894	300029	1.82%	0.157%
69	19.904	2870	2876	2878	rVV3	1354980	2769861	16.83%	1.453%
70	19.933	2878	2881	2886	rVB2	2162979	2871536	17.45%	1.506%
71	20.033	2894	2898	2904	rBV	1388198	1764796	10.73%	0.926%

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72	20.092	2904	2908	2912	rVV2	1968199	2387311	14.51%	1.252%
73	20.127	2912	2914	2919	rVB3	250981	330276	2.01%	0.173%
74	20.192	2920	2925	2928	rBV3	312868	569666	3.46%	0.299%
75	20.233	2928	2932	2936	rVV	1671682	2113231	12.84%	1.108%
76	20.280	2936	2940	2946	rVB	1761028	2309121	14.03%	1.211%
77	20.539	2981	2984	2986	rBV	257869	317912	1.93%	0.167%
78	20.657	2999	3004	3005	rBV	407446	597860	3.63%	0.314%
79	20.686	3006	3009	3017	rVB	752873	1420538	8.63%	0.745%
80	20.845	3029	3036	3041	rBV5	481701	1447849	8.80%	0.759%
81	20.898	3041	3045	3048	rVV	1155216	1348927	8.20%	0.707%
82	20.927	3048	3050	3053	rVV	615732	857910	5.21%	0.450%
83	20.957	3053	3055	3058	rVV	817646	1051105	6.39%	0.551%
84	20.986	3058	3060	3068	rVB	792667	1044898	6.35%	0.548%
85	21.204	3091	3097	3102	rBV3	6499325	13071256	79.44%	6.855%
86	21.251	3102	3105	3112	rVB	3839110	5788069	35.18%	3.036%
87	21.415	3130	3133	3140	rVB	1329642	1859180	11.30%	0.975%
88	21.715	3180	3184	3186	rBV	465596	608053	3.70%	0.319%
89	21.768	3187	3193	3197	rVV	1679410	2653773	16.13%	1.392%
90	21.815	3198	3201	3208	rVB2	903122	1251818	7.61%	0.657%
91	21.957	3222	3225	3228	rBV	669575	902687	5.49%	0.473%
92	21.992	3228	3231	3239	rVB2	1211331	1662764	10.11%	0.872%
93	22.062	3240	3243	3250	rVB2	464184	687074	4.18%	0.360%
94	22.768	3357	3363	3367	rBV2	1801058	4381525	26.63%	2.298%
95	22.933	3386	3391	3399	rVB	902070	1629381	9.90%	0.855%
96	23.227	3436	3441	3445	rBV	1365490	2312593	14.05%	1.213%
97	23.280	3445	3450	3453	rVV2	1459517	2543480	15.46%	1.334%
98	23.321	3453	3457	3462	rVB	2492323	4167246	25.33%	2.186%
99	23.415	3467	3473	3479	rBV	2430000	4437727	26.97%	2.327%
100	25.592	3836	3843	3855	rVB3	1002995	2904447	17.65%	1.523%

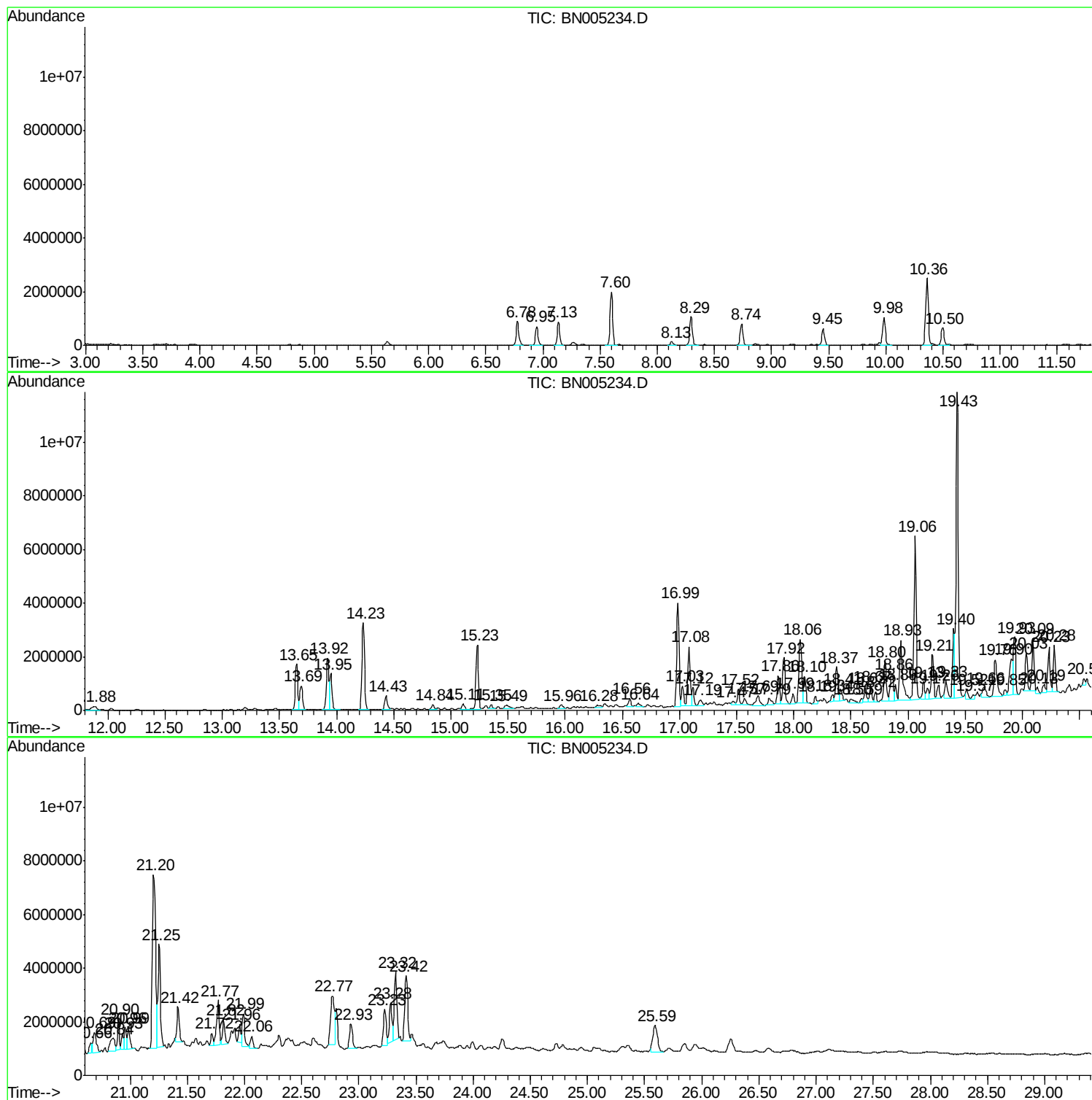
Sum of corrected areas: 190676255

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

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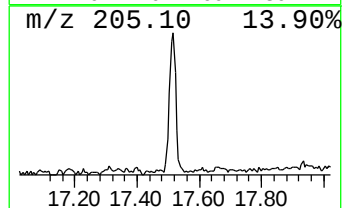
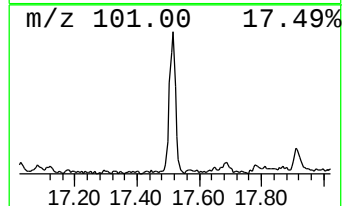
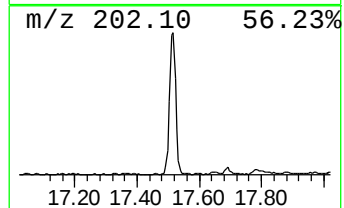
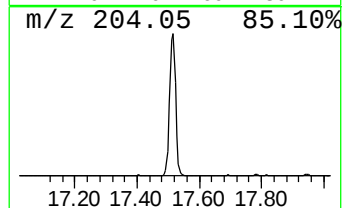
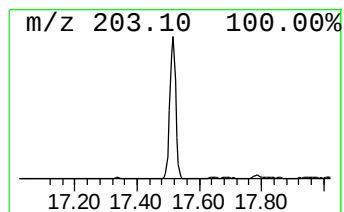
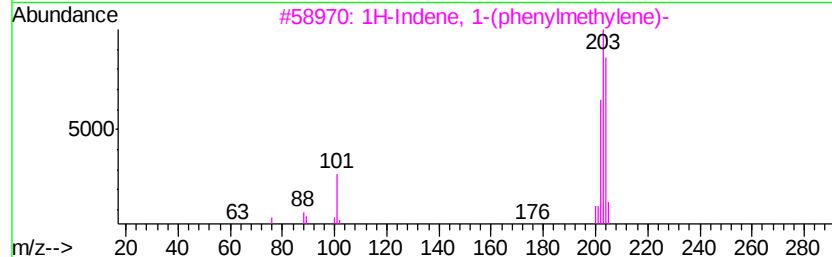
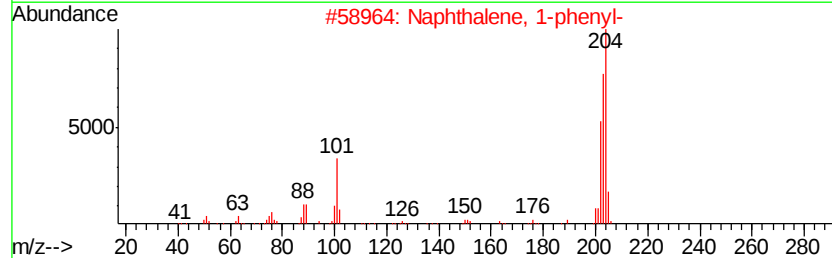
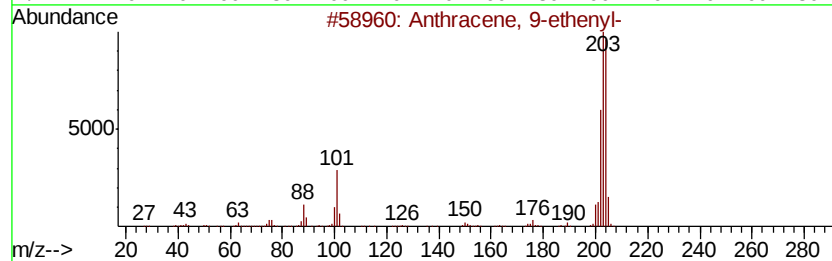
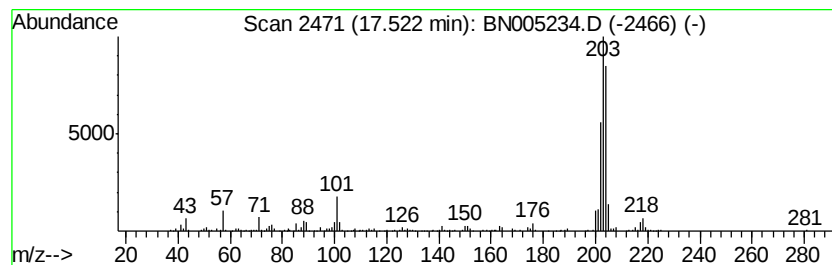
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 9-ethenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	2.91 ng/ul	782039	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
3		1H-Indene, 1-(phenylmethyle)-	204	C16H12	005394-86-5	89
4		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



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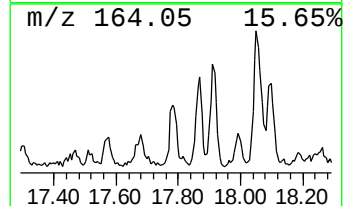
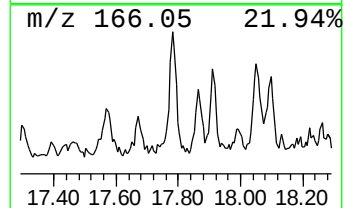
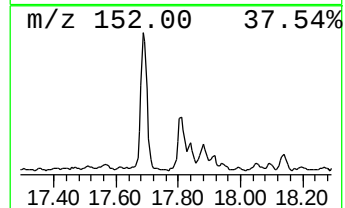
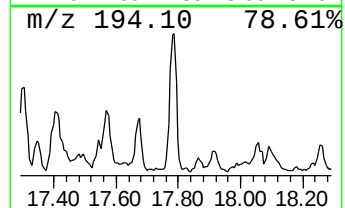
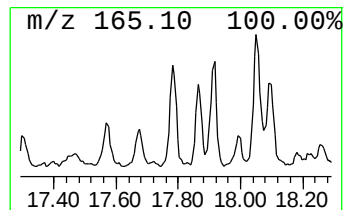
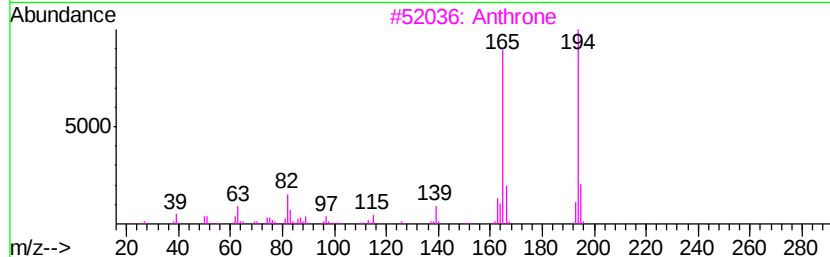
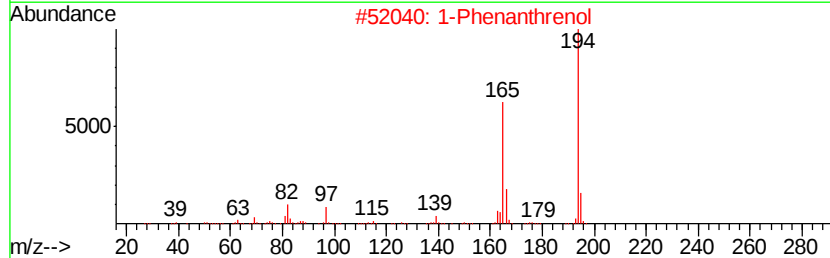
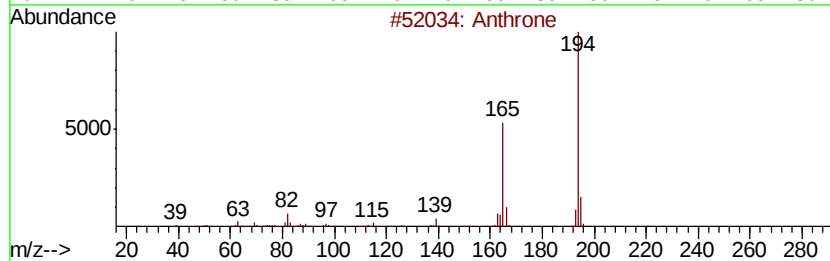
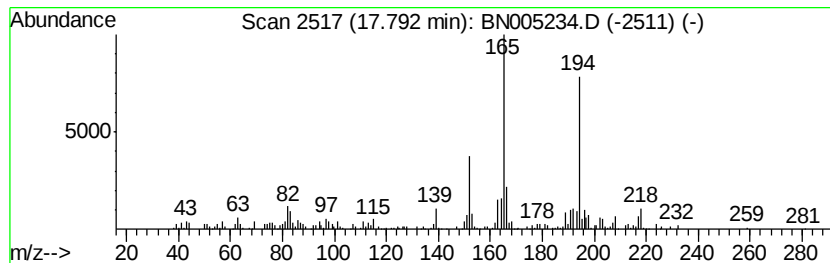
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthrone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.14 ng/ul	575808	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthrone	194	C14H10O	000090-44-8	93
2		1-Phenanthrenol	194	C14H10O	002433-56-9	91
3		Anthrone	194	C14H10O	000090-44-8	87
4		9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	87
5		3-Phenanthrol	194	C14H10O	000605-87-8	87



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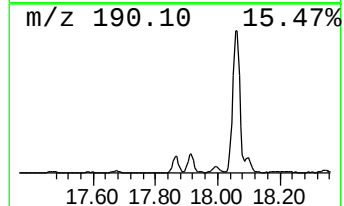
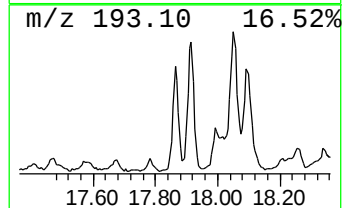
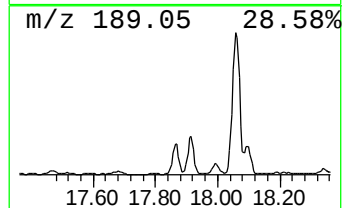
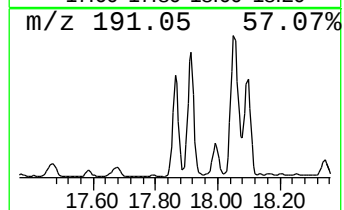
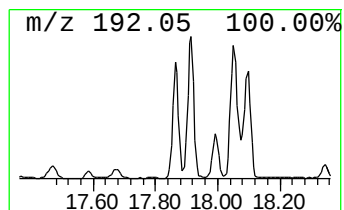
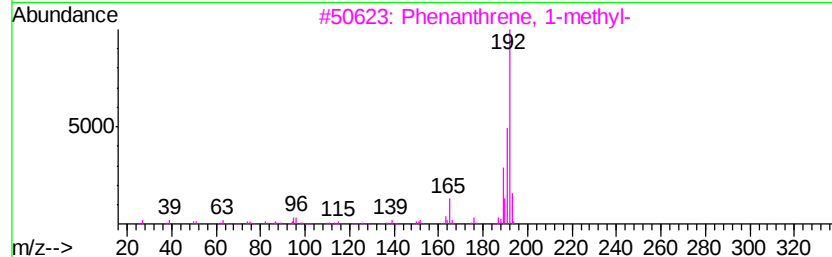
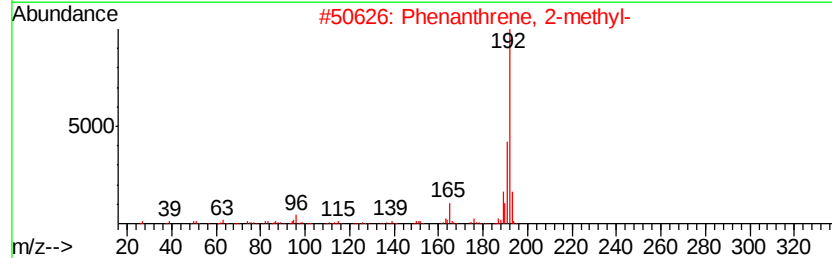
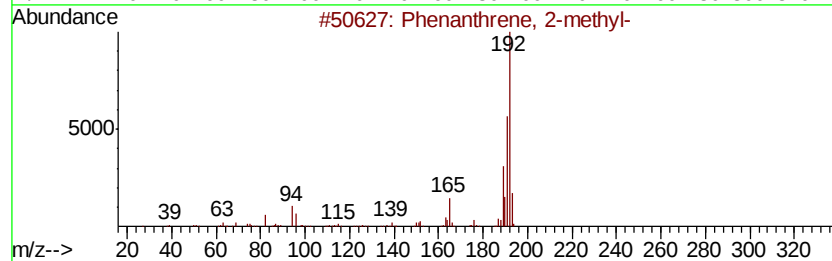
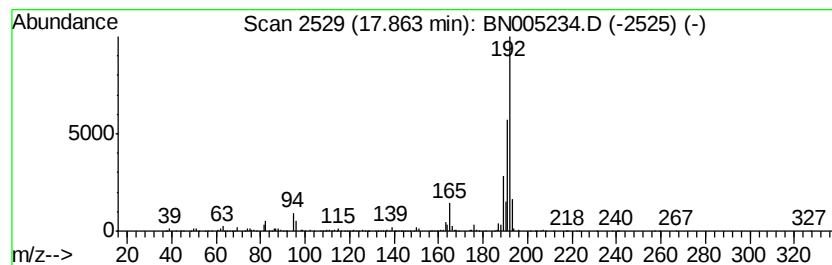
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.28 ng/ul	1420300	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



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Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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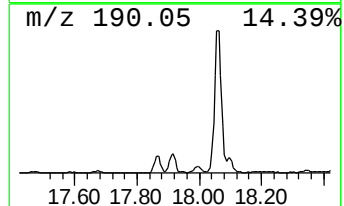
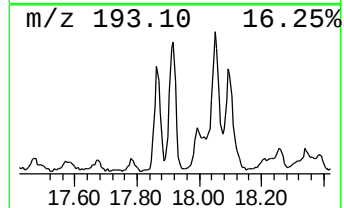
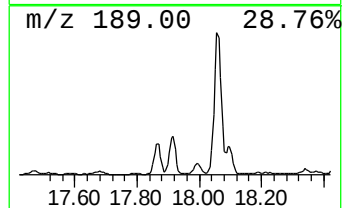
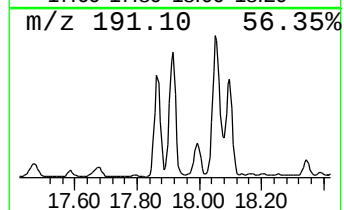
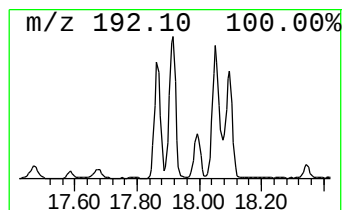
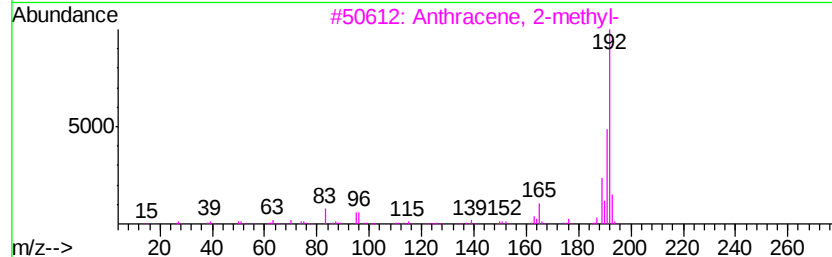
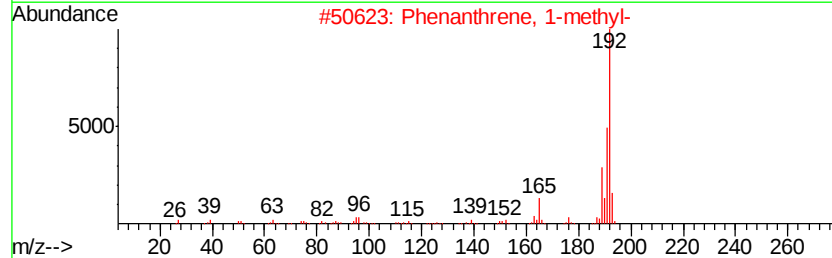
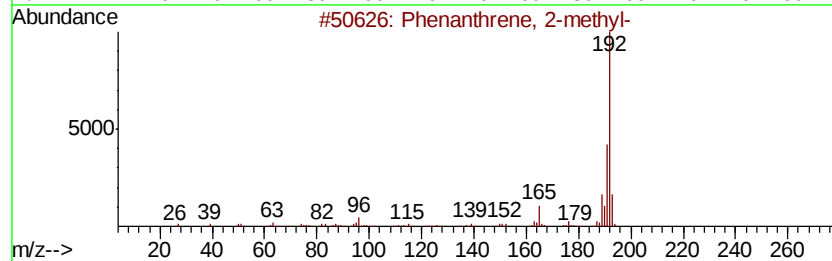
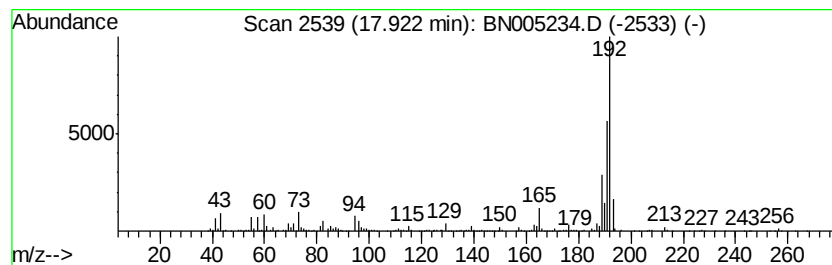
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	9.00 ng/ul	2420830	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
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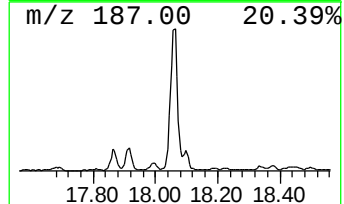
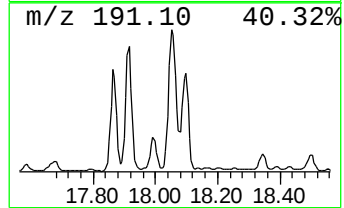
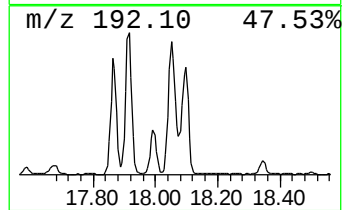
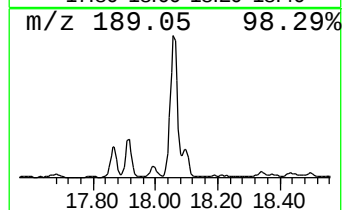
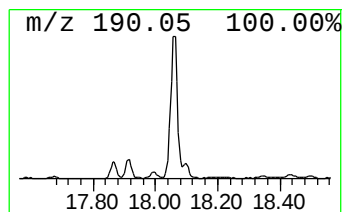
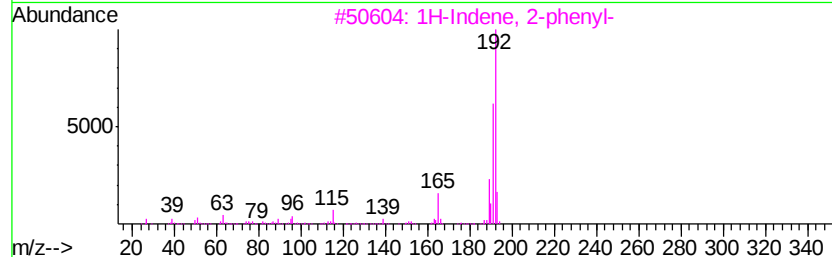
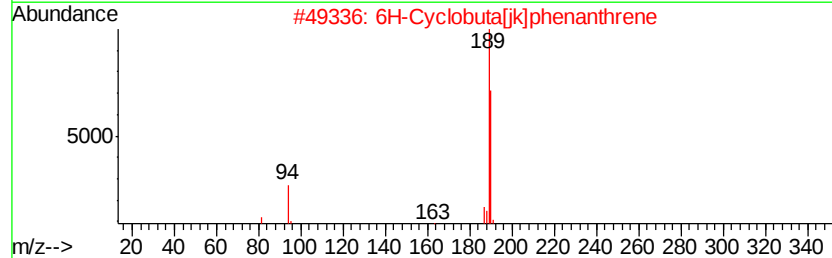
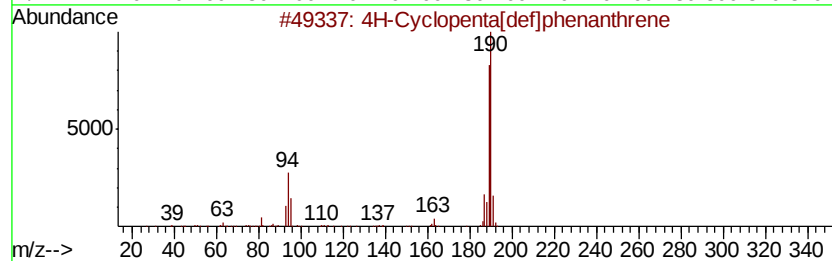
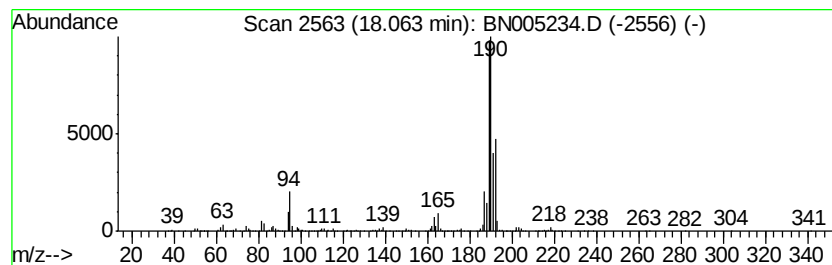
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	15.40 ng/ul	4143910	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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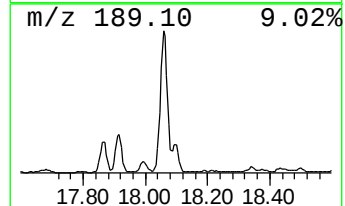
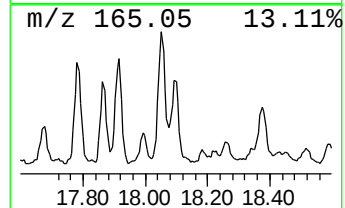
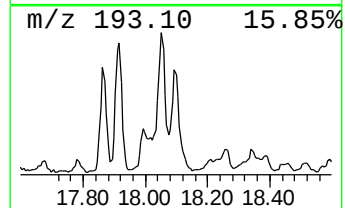
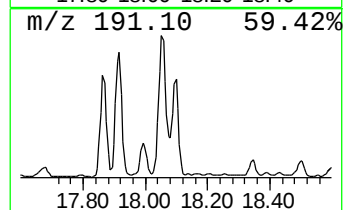
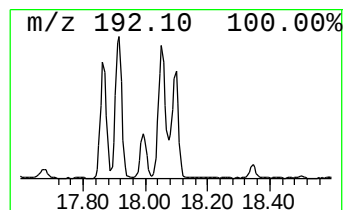
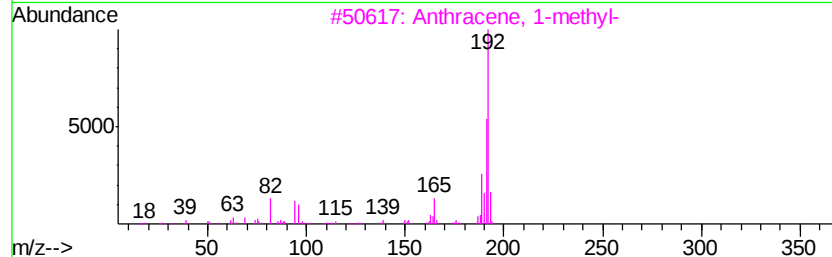
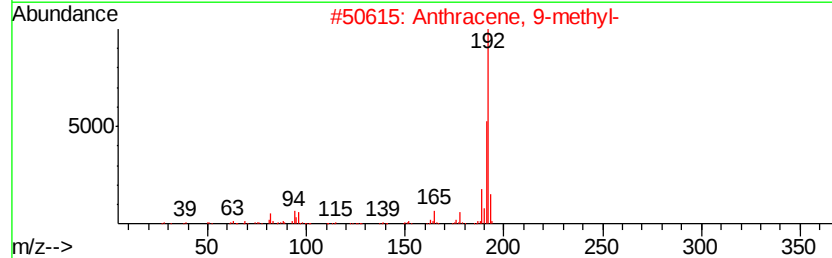
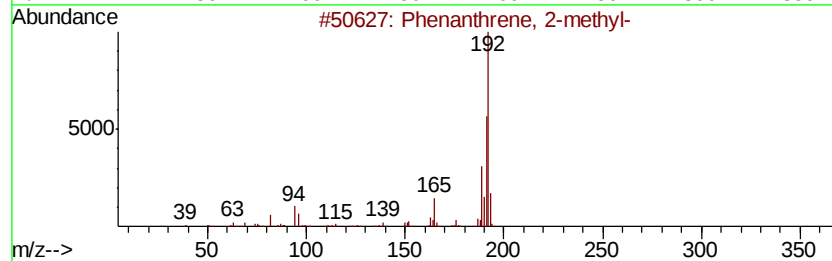
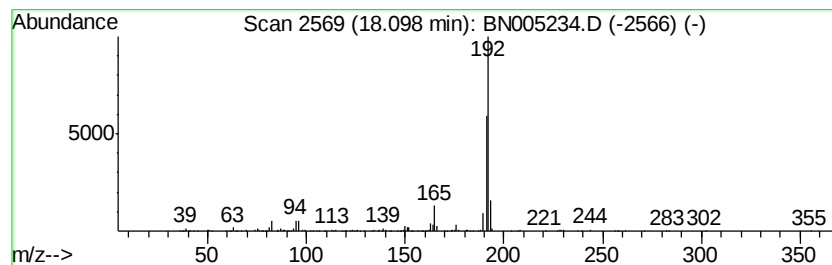
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	4.84 ng/ul	1302060	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
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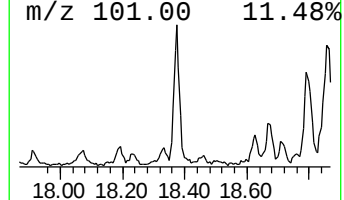
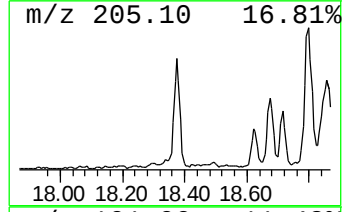
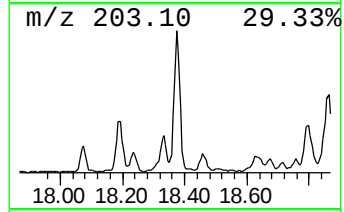
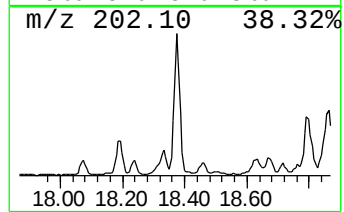
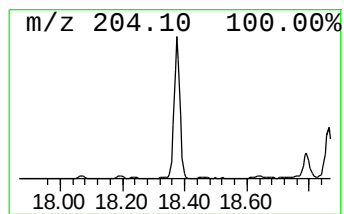
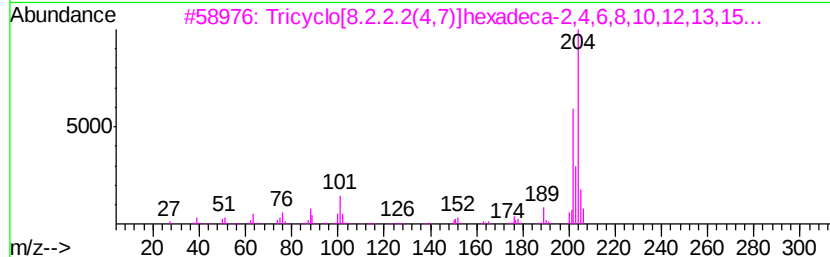
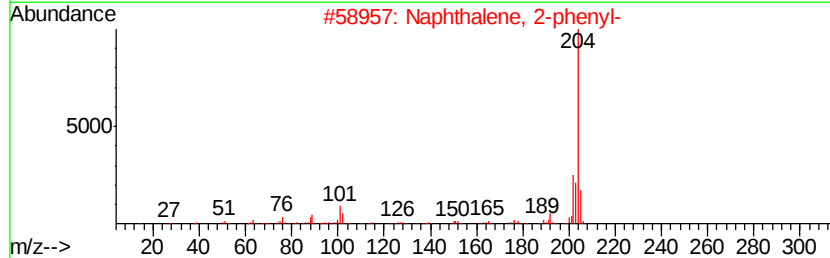
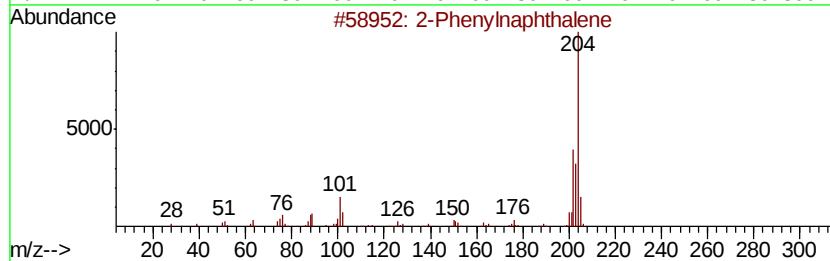
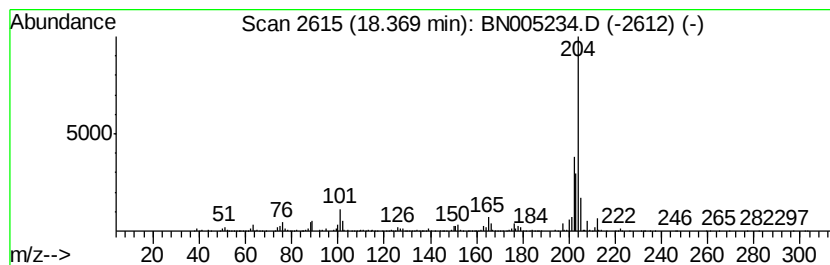
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	6.79 ng/ul	1826260	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
4		5,16[1',2'l:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86



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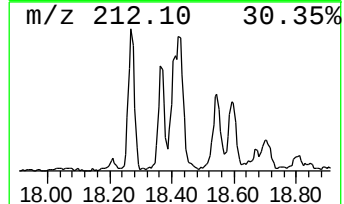
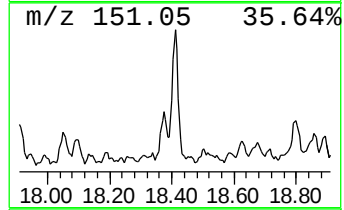
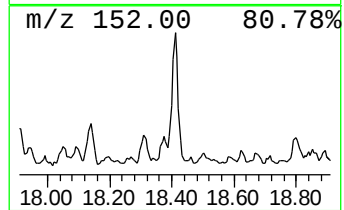
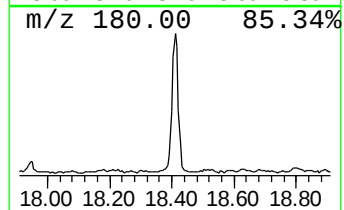
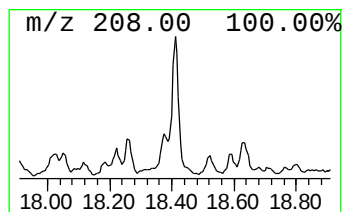
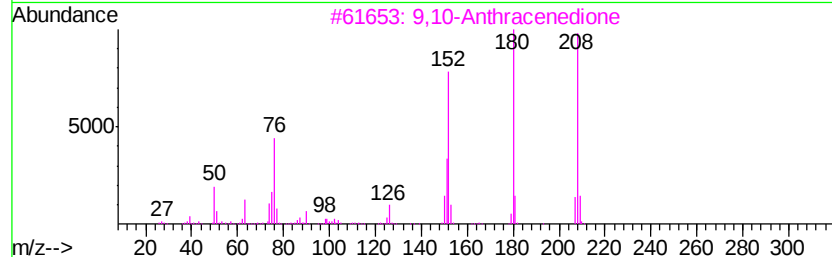
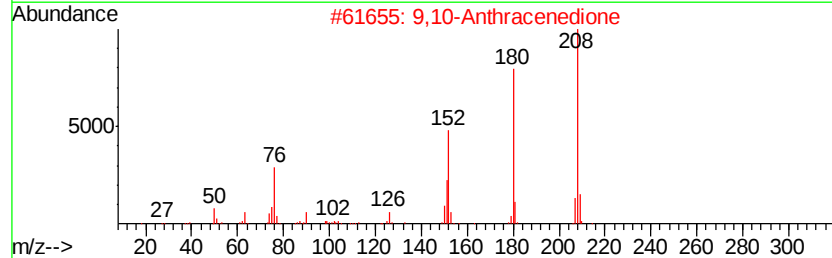
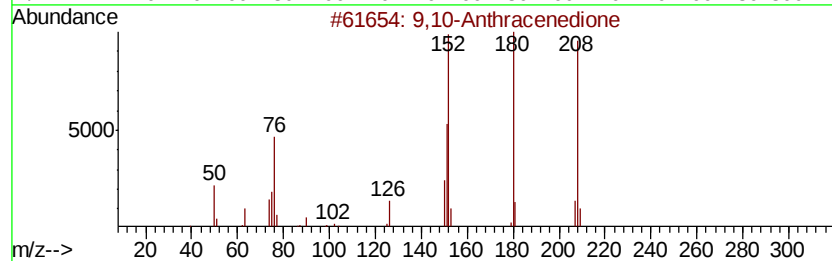
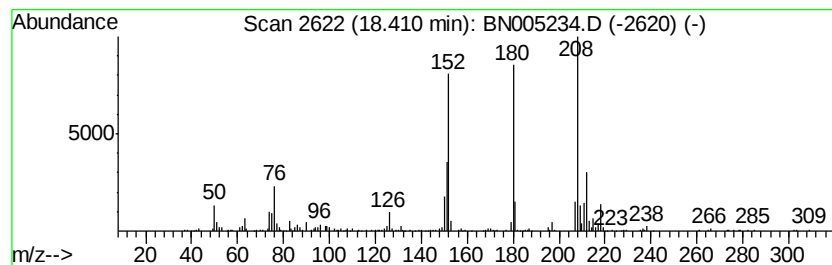
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.13 ng/ul	574257	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	74
4		Benzo[cl]cinoline	180	C12H8N2	000230-17-1	70
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	53



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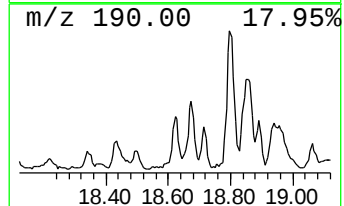
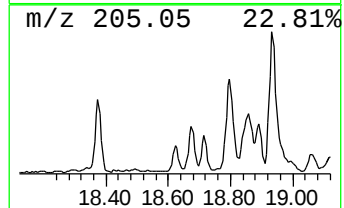
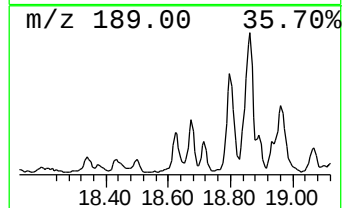
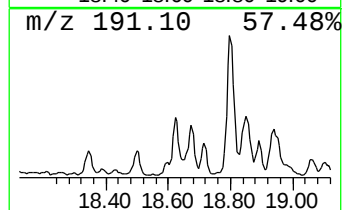
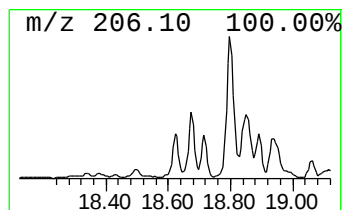
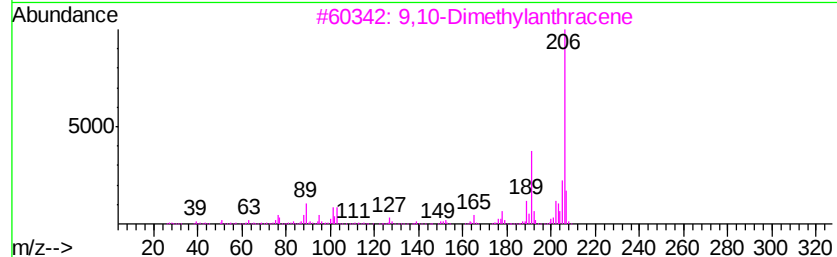
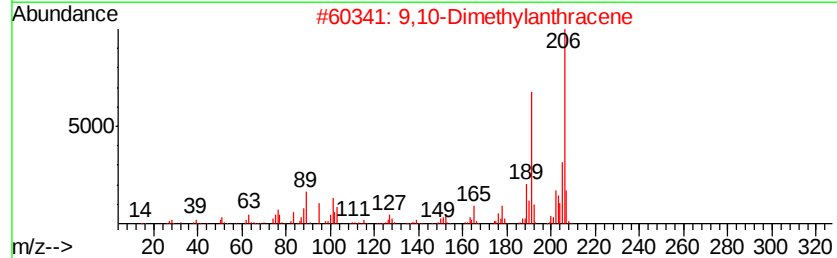
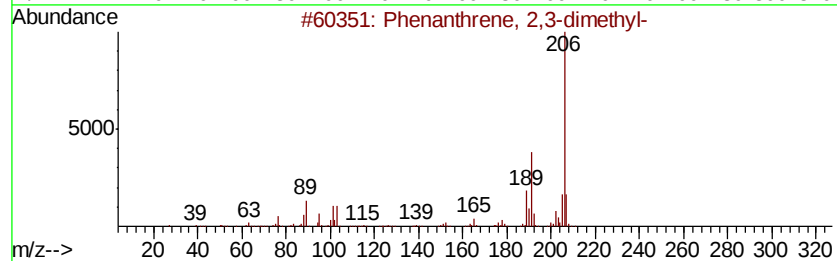
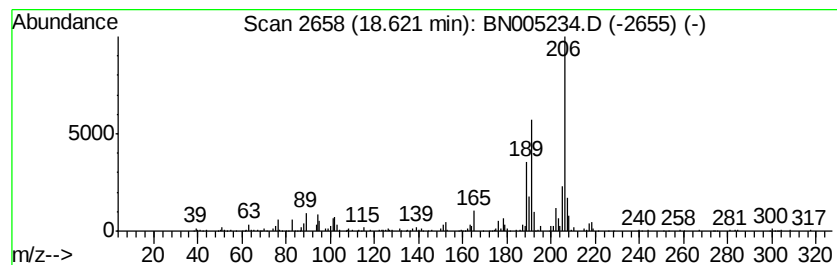
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.62	3.13 ng/ul	841529	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



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Data File : BN005234.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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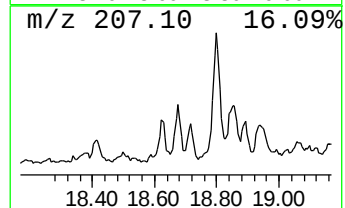
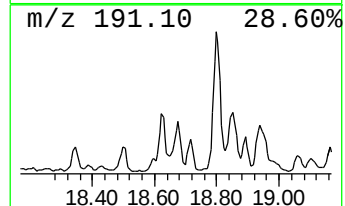
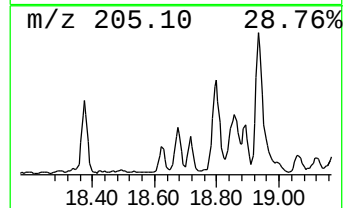
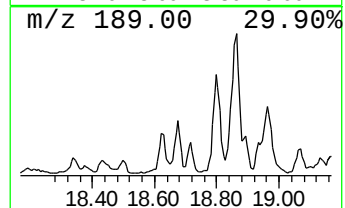
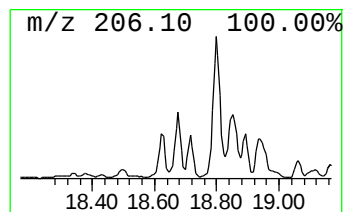
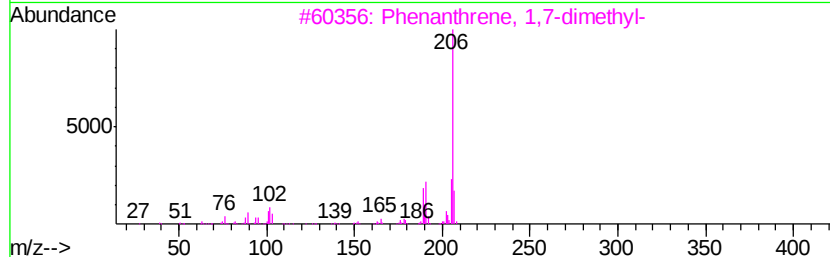
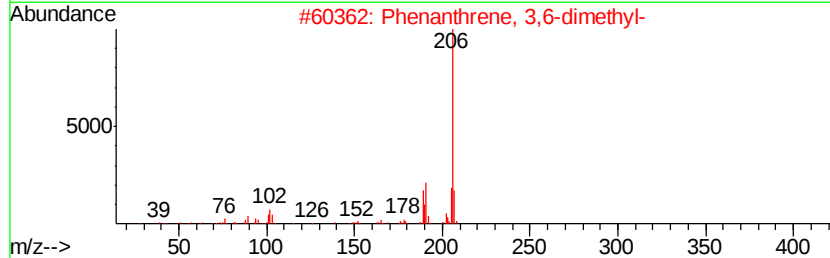
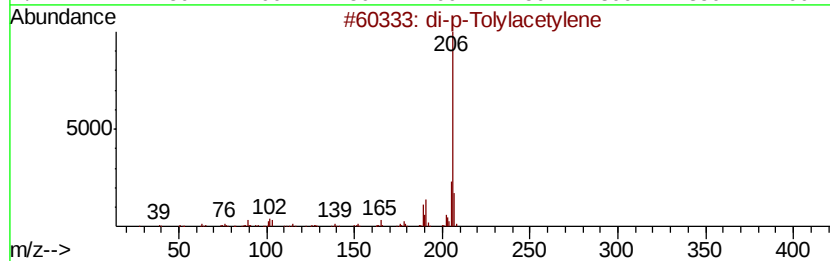
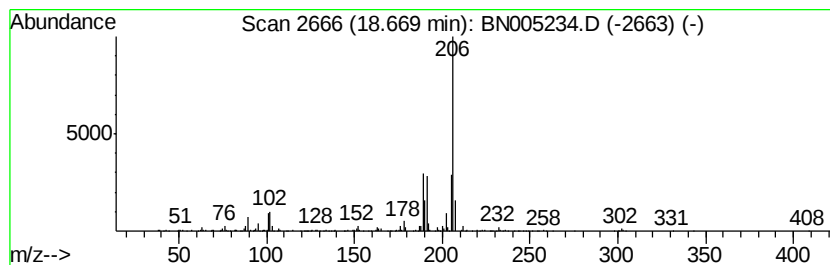
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.03 ng/ul	815398	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

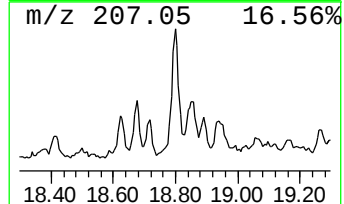
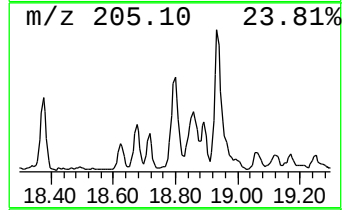
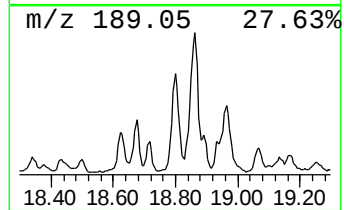
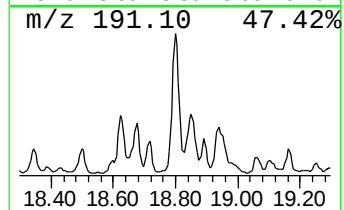
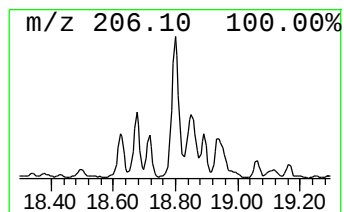
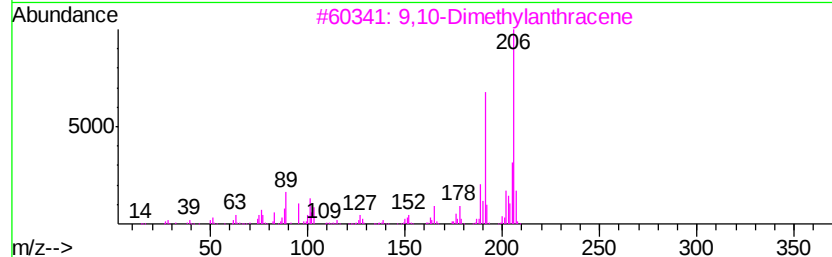
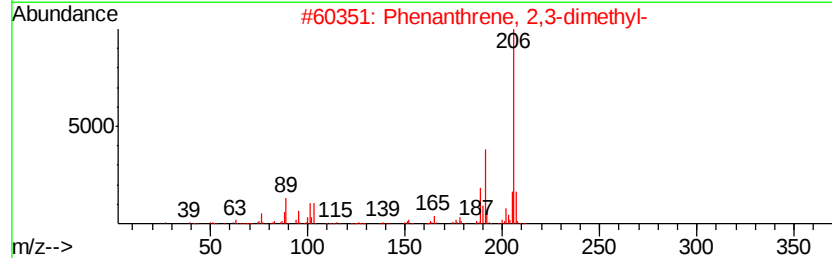
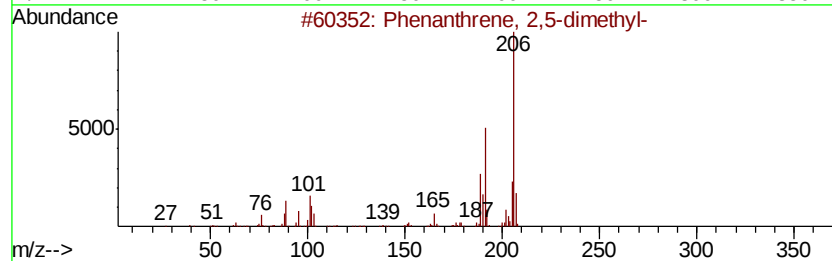
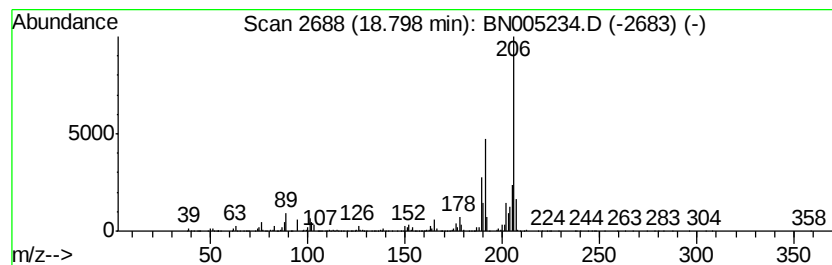
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	8.93 ng/ul	2401230	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, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

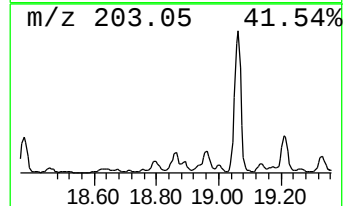
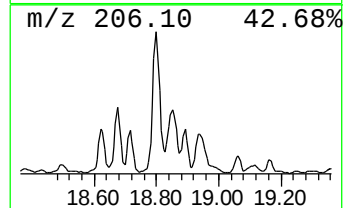
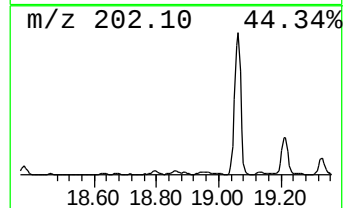
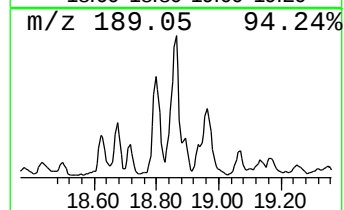
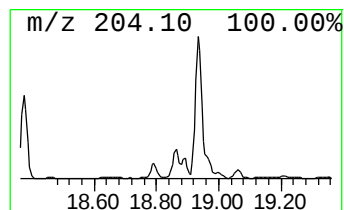
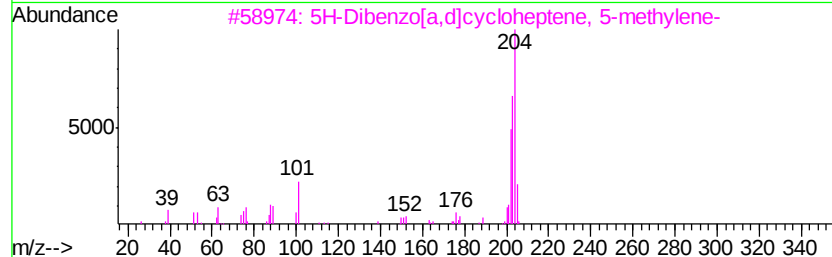
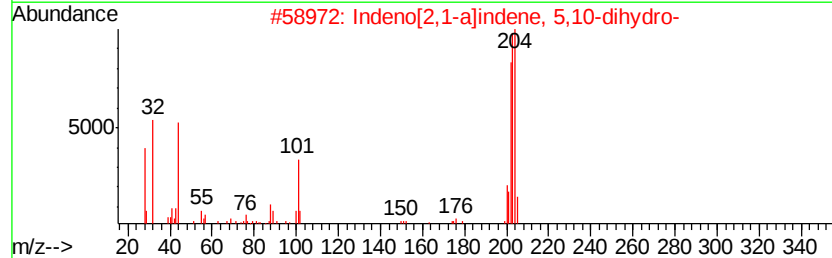
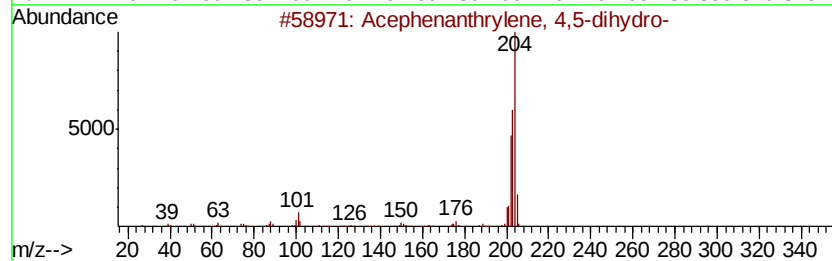
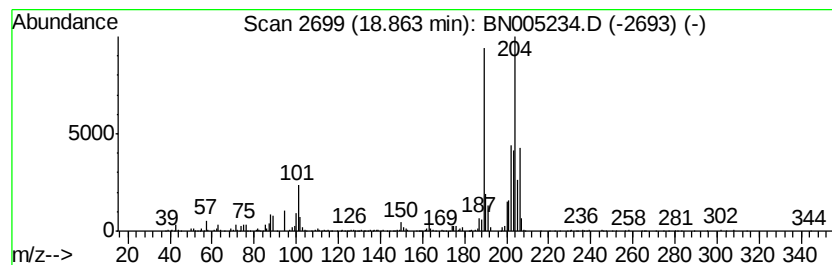
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Acephenanthrylene, 4,5-dihy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	7.34 ng/ul	1975950	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	74
2		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	42
3		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5		Hydrazine, 4-bromo-2-fluorophenyl-	204	C6H6BrFN2	299440-17-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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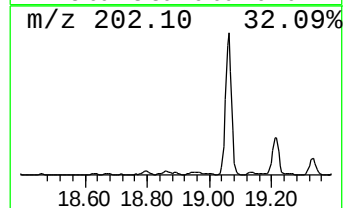
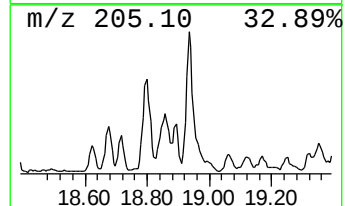
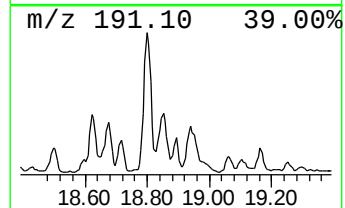
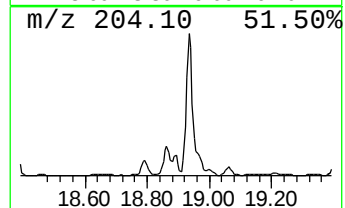
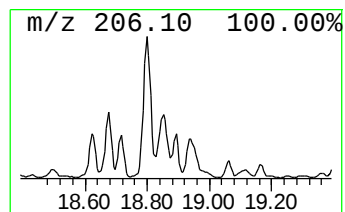
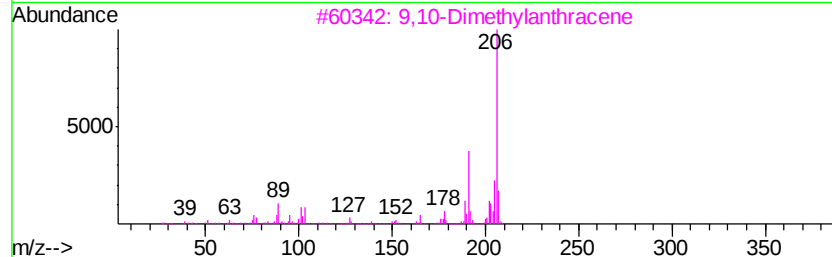
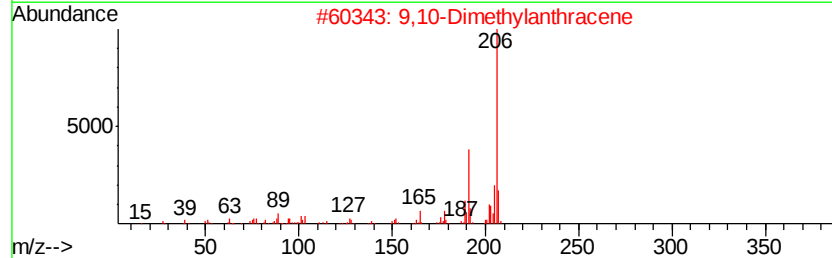
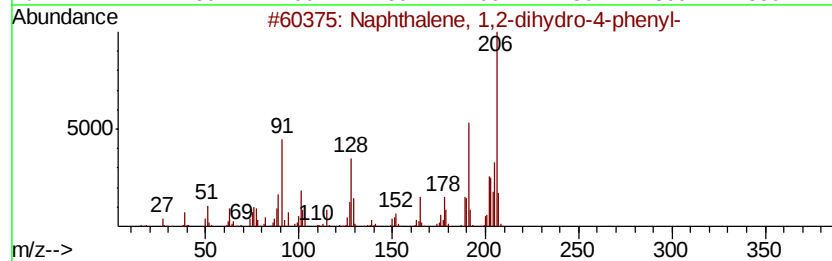
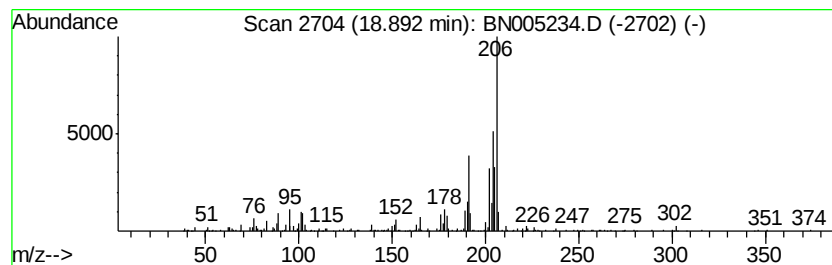
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,2-dihydro-4-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	2.27 ng/ul	611917	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	64
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	64
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	58
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	58



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Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
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Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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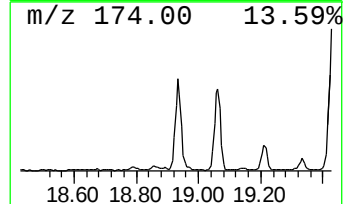
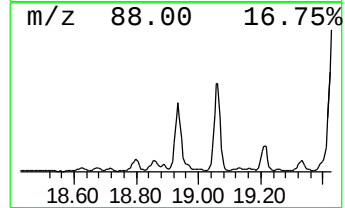
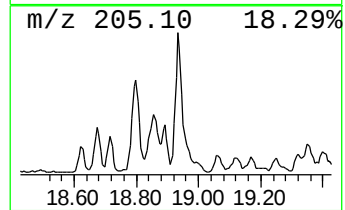
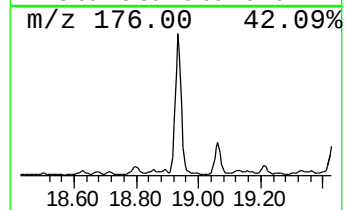
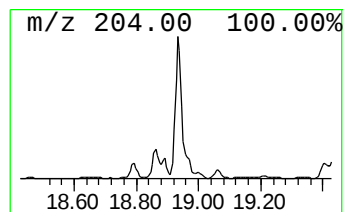
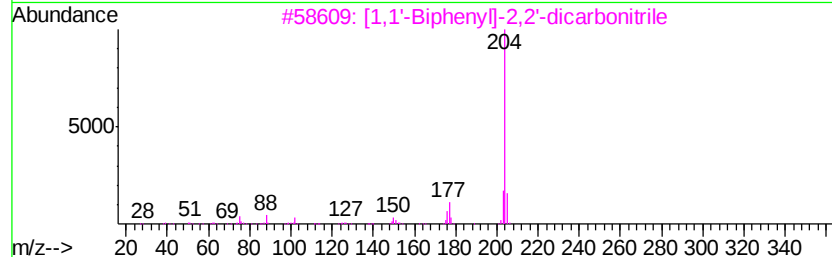
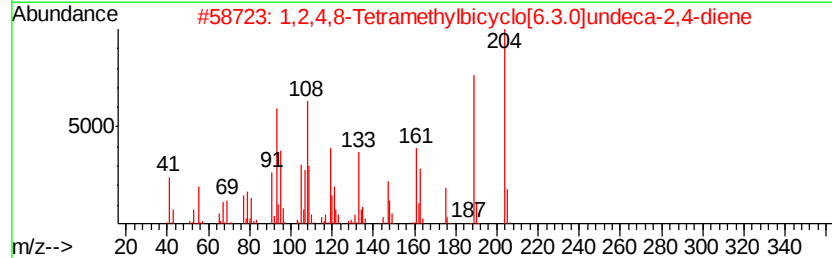
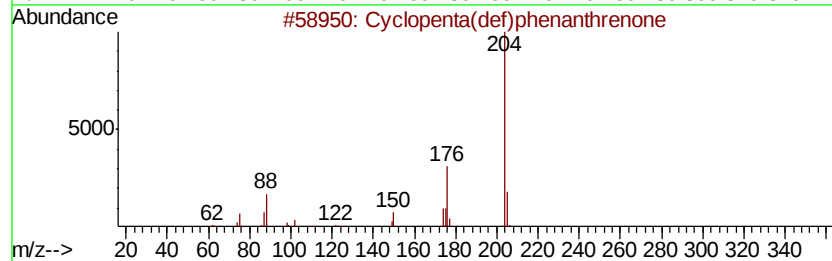
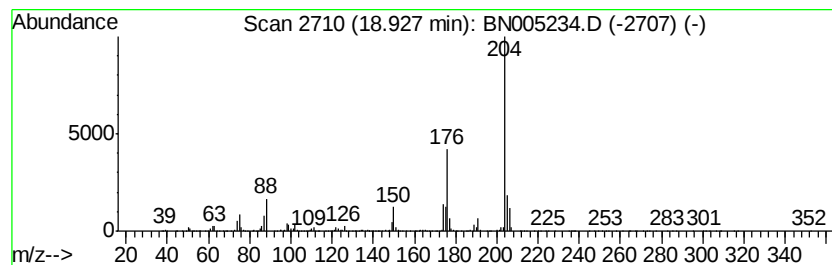
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	15.54 ng/ul	4180490	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	49
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5		4(equat)-(but-3-en-1-ynyl)-2(axi...)	219	C14H21NO	038423-22-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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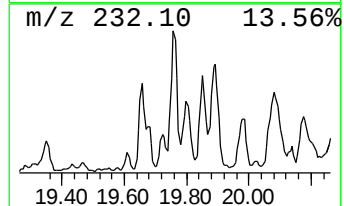
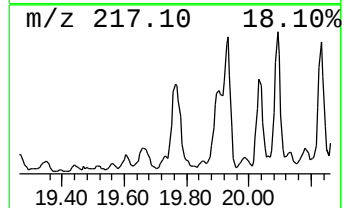
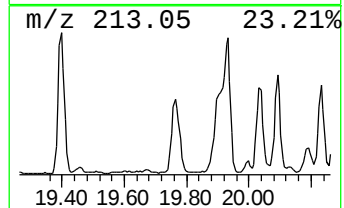
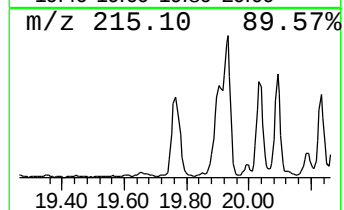
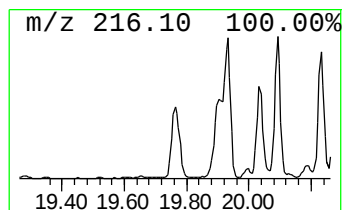
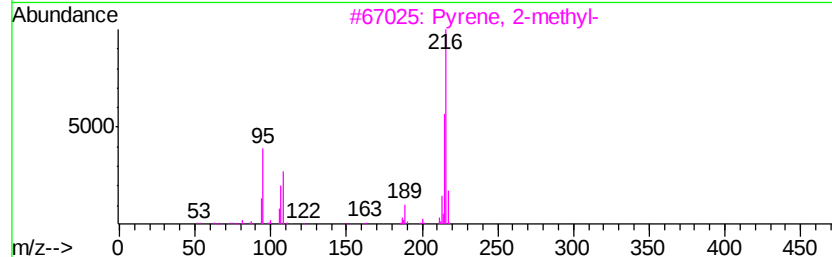
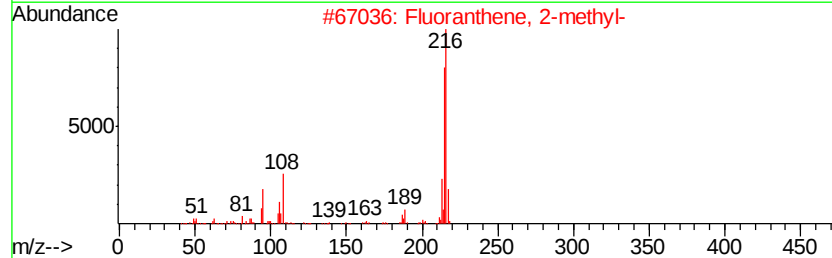
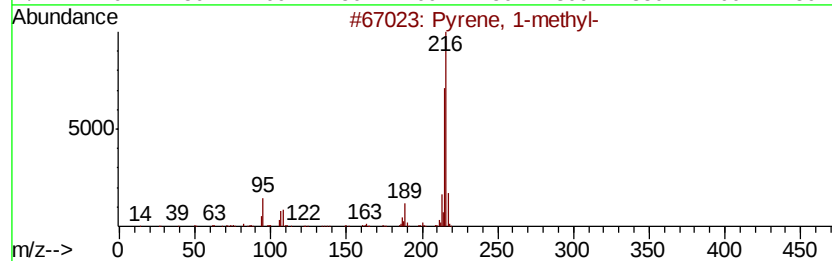
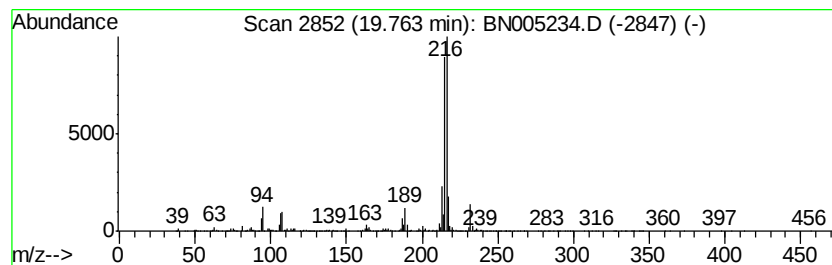
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.13 ng/ul	2701830	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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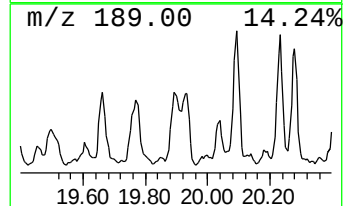
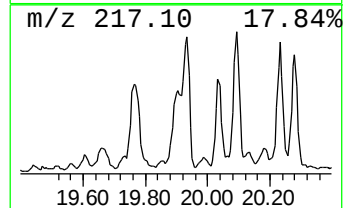
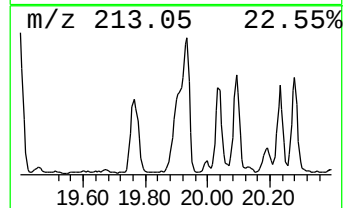
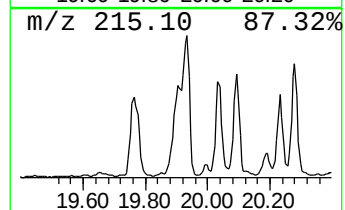
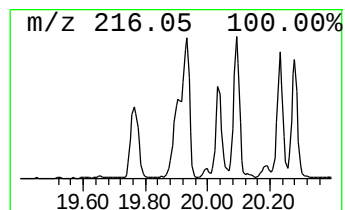
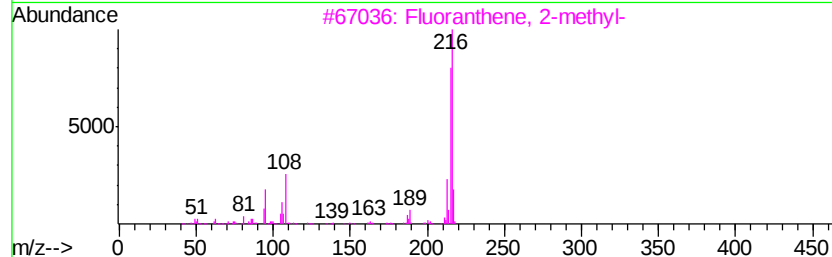
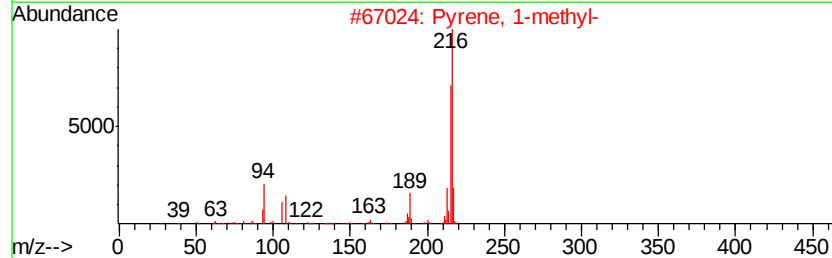
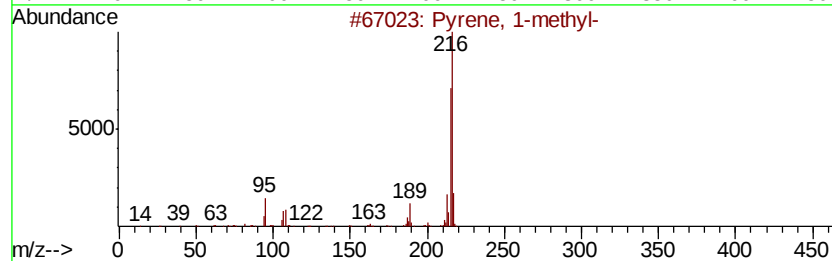
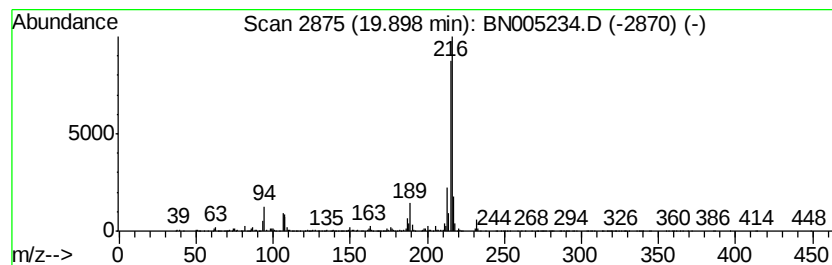
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	4.24 ng/ul	2769860	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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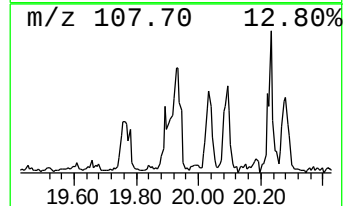
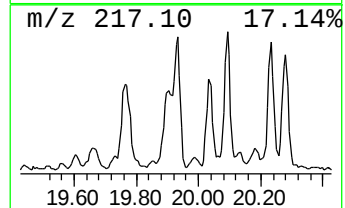
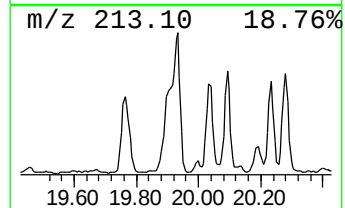
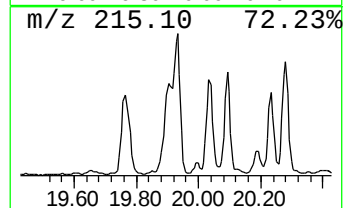
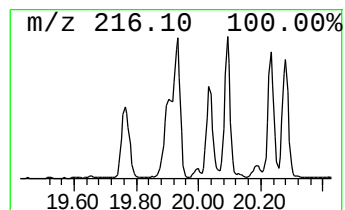
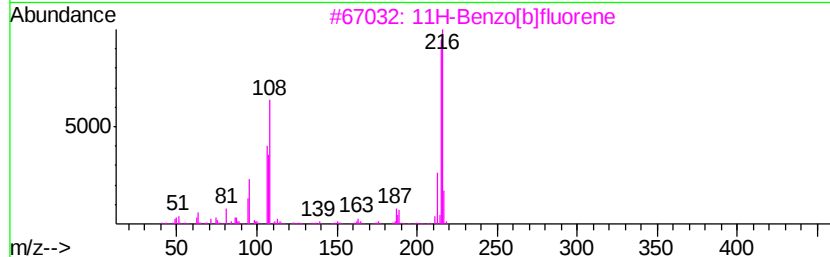
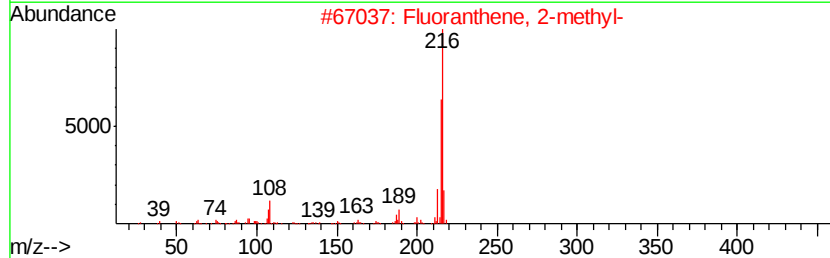
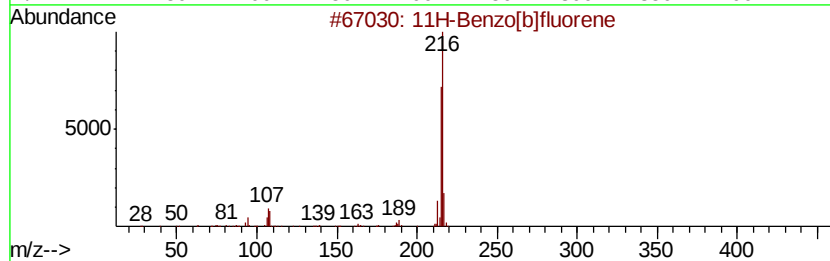
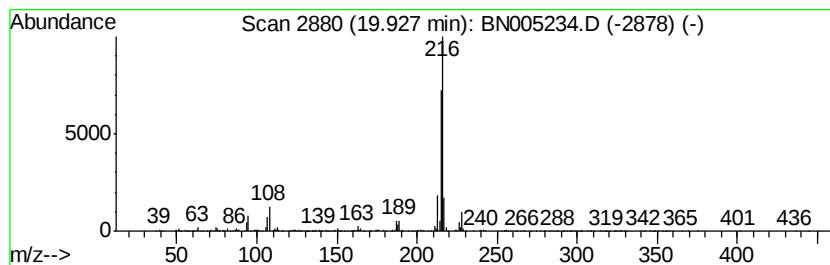
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.39 ng/ul	2871540	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

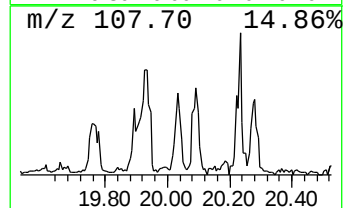
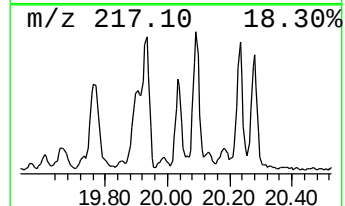
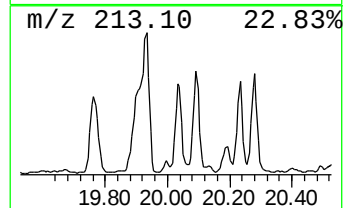
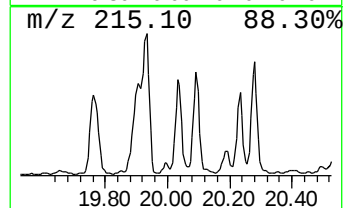
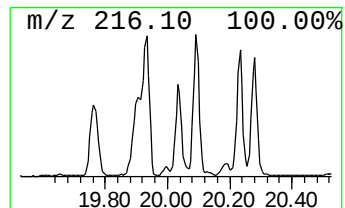
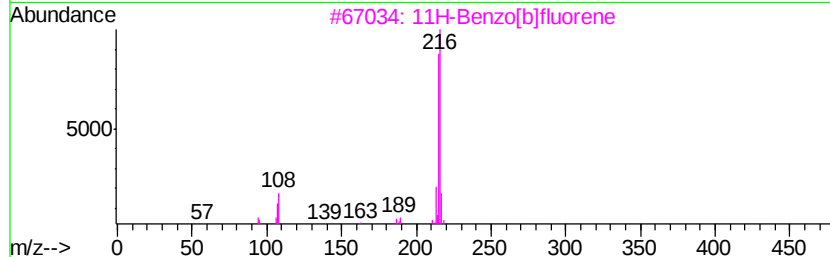
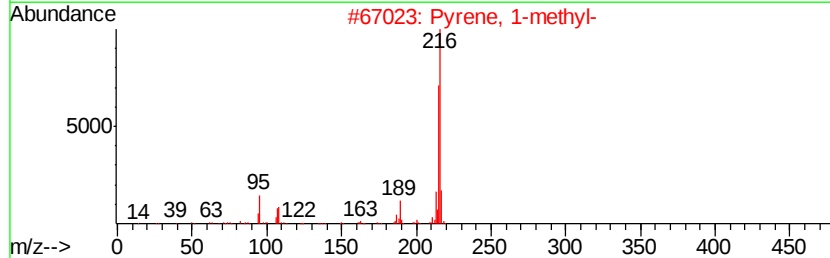
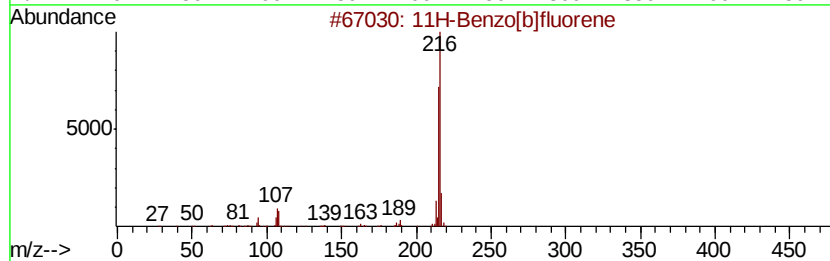
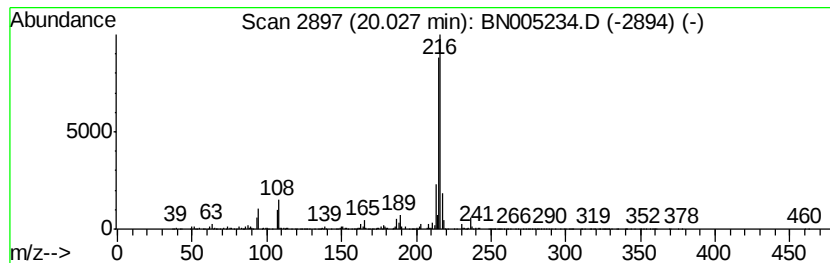
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.70 ng/ul	1764800	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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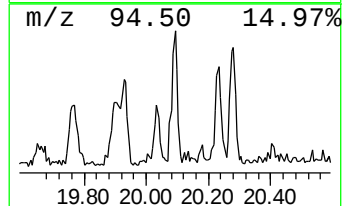
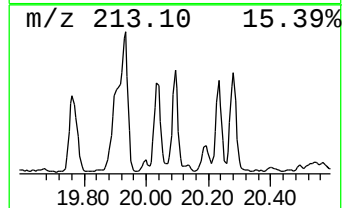
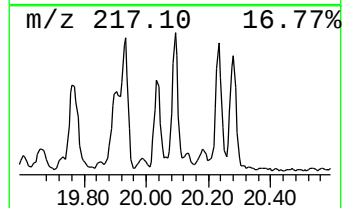
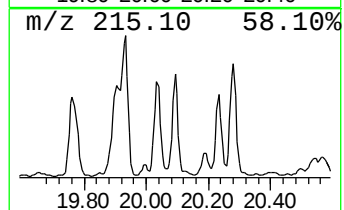
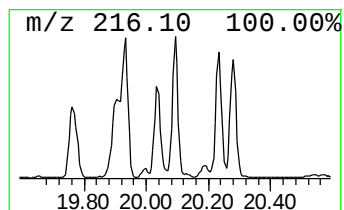
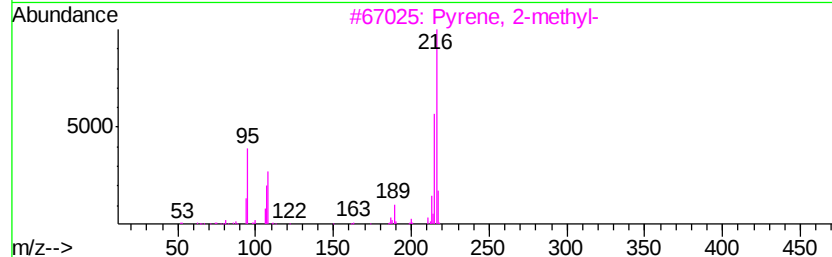
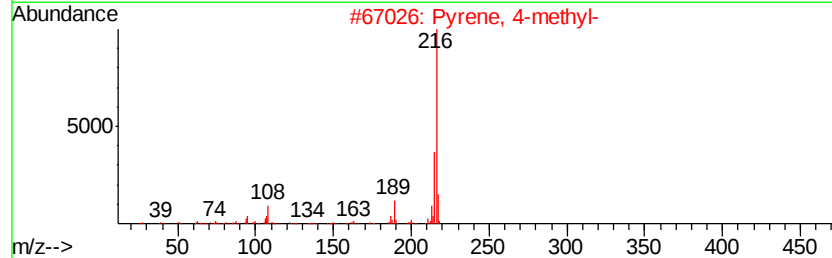
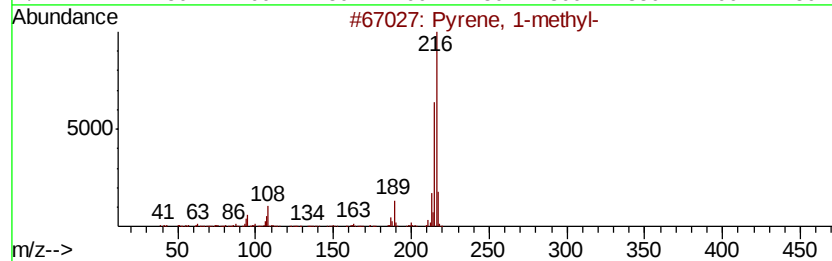
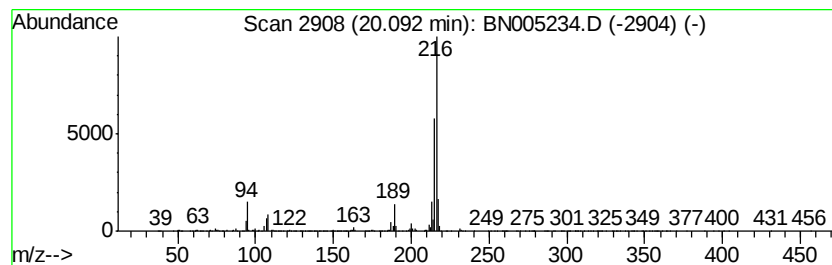
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	3.65 ng/ul	2387310	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

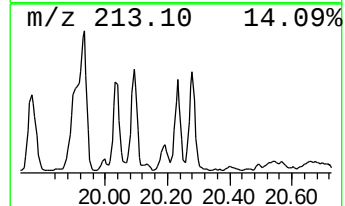
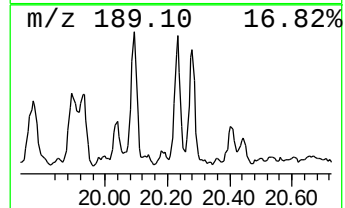
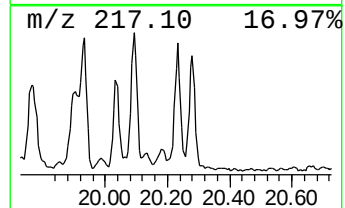
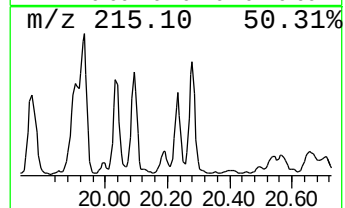
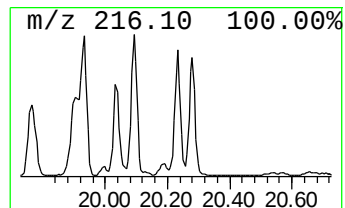
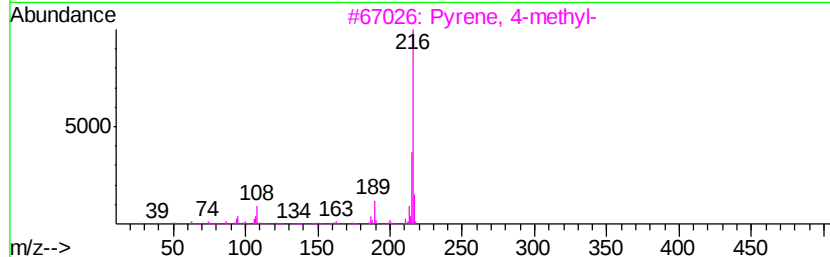
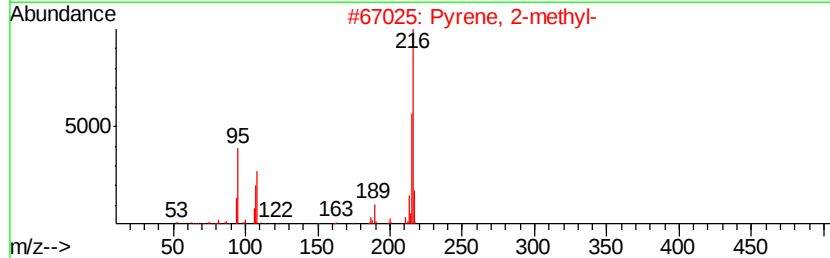
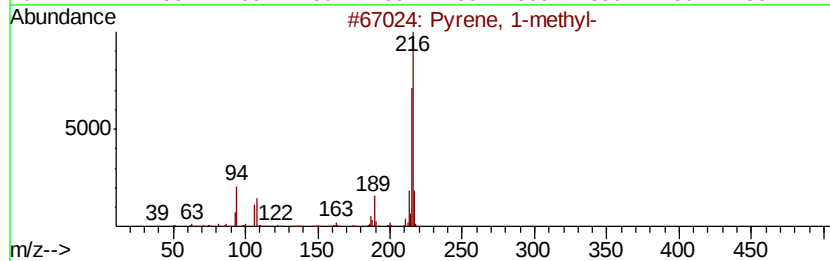
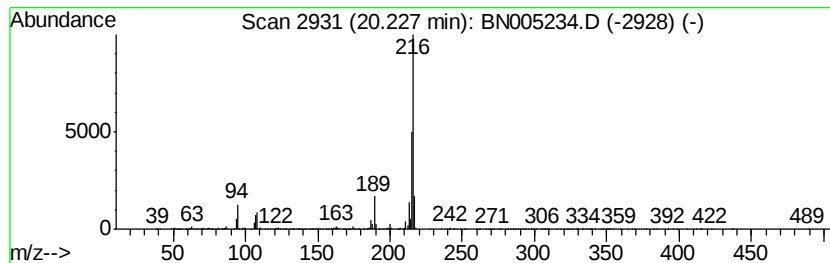
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	3.23 ng/ul	2113230	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 97
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 95
3		Pyrene, 4-methyl-	216 C17H12	003353-12-6 94
4		Pyrene, 4-methyl-	216 C17H12	003353-12-6 93
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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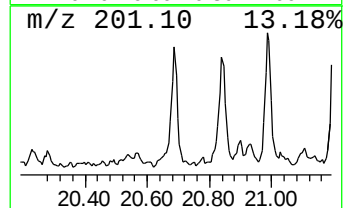
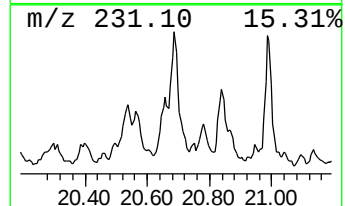
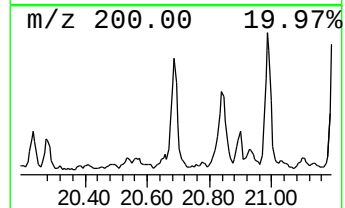
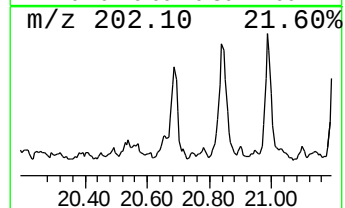
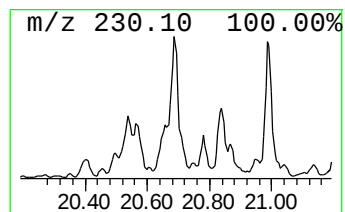
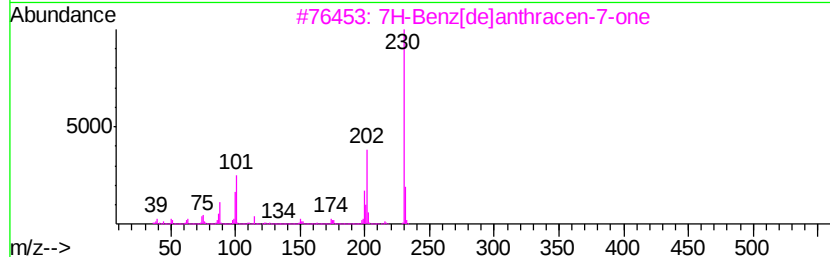
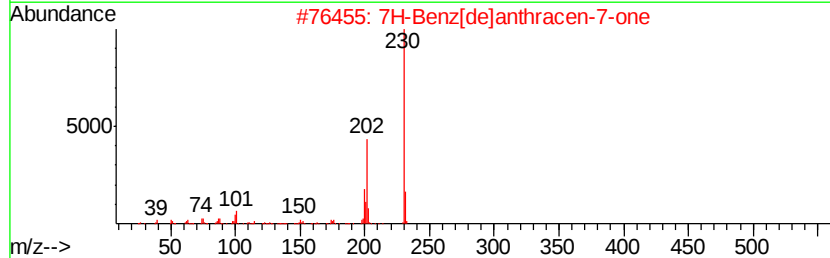
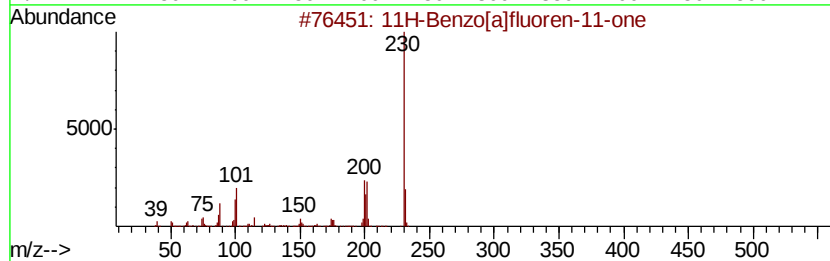
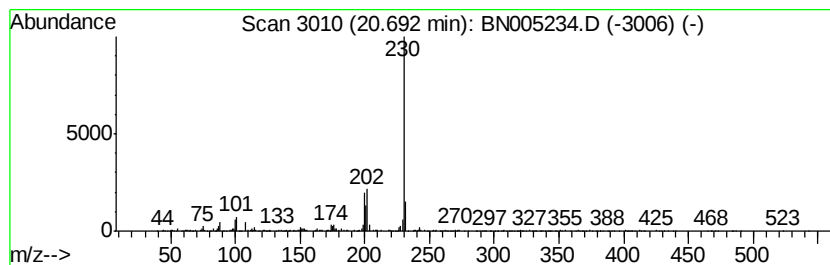
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.17 ng/ul	1420540	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
5		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

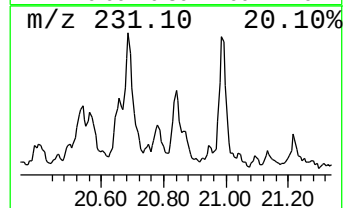
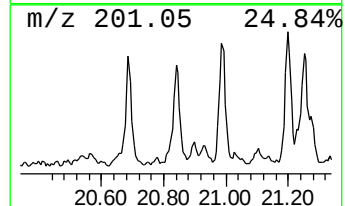
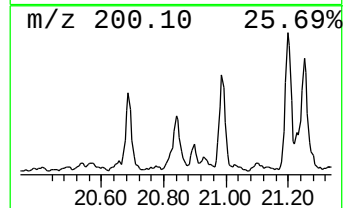
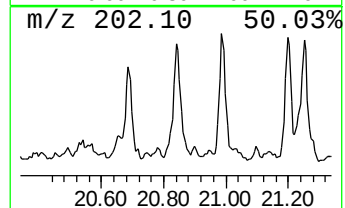
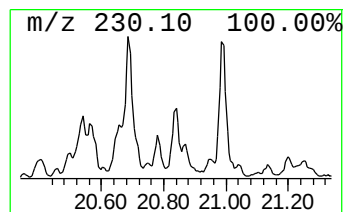
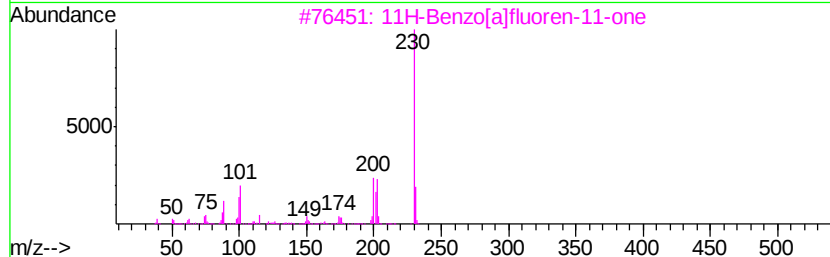
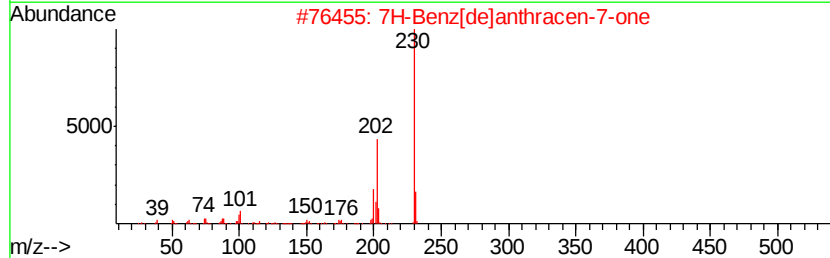
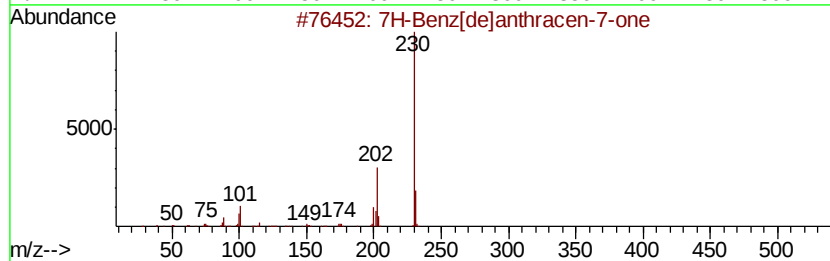
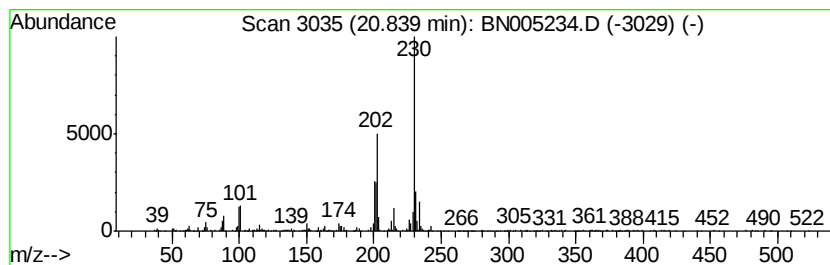
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 7H-Benz[de]anthracen-7-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.22 ng/ul	1447850	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3	86
2	7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3	83
3	11H-Benzof[al]fluoren-11-one	230 C17H10O	000479-79-8	78
4	1-Pyrene-carboxaldehyde	230 C17H10O	003029-19-4	78
5	7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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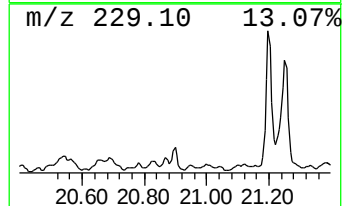
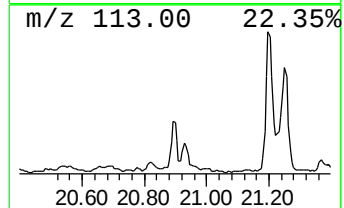
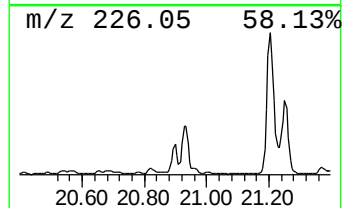
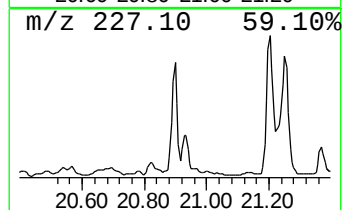
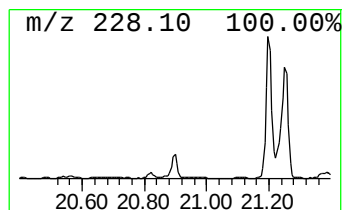
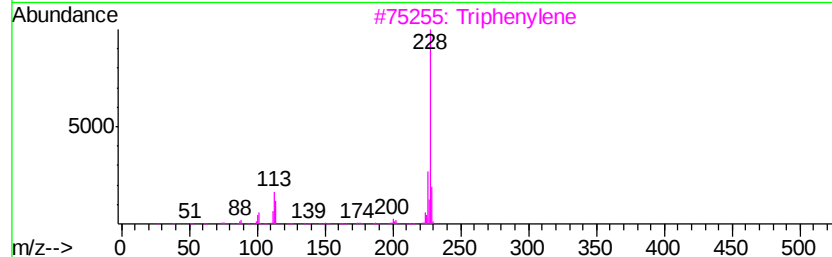
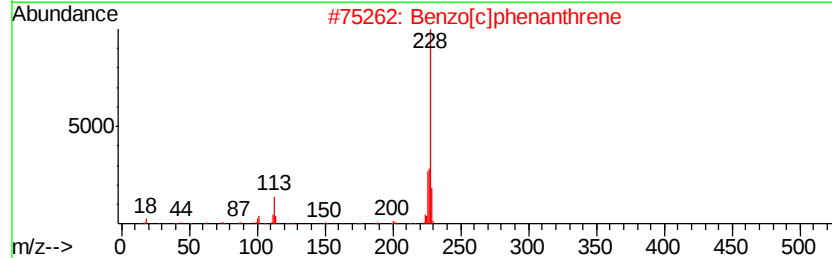
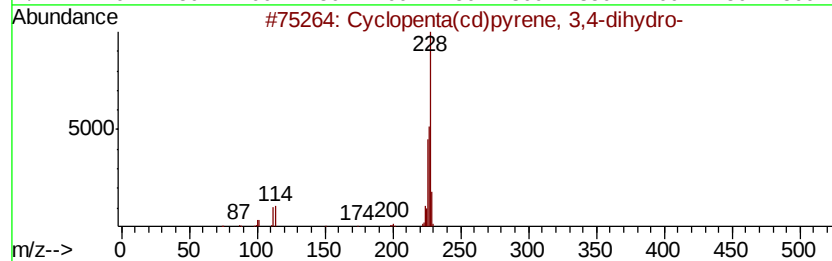
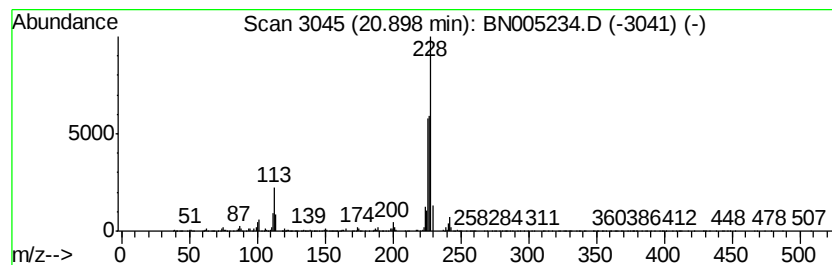
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.06 ng/ul	1348930	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3		Triphenylene	228	C18H12	000217-59-4	43
4		Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5		2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
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Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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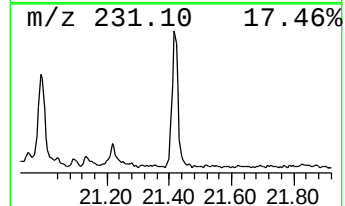
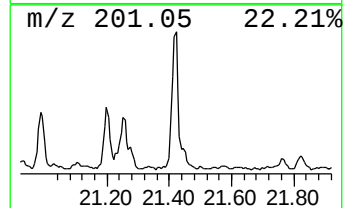
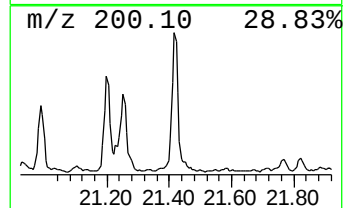
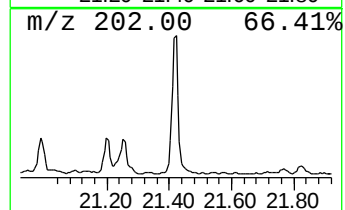
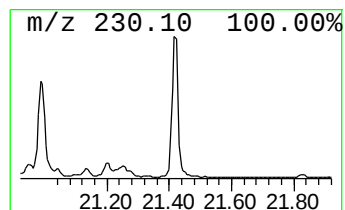
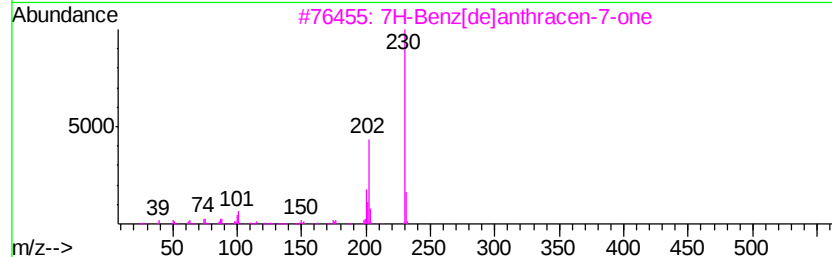
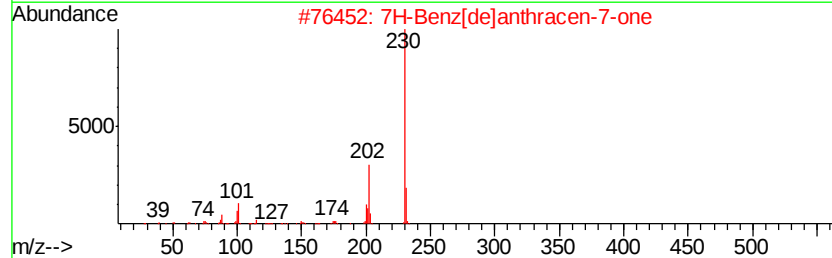
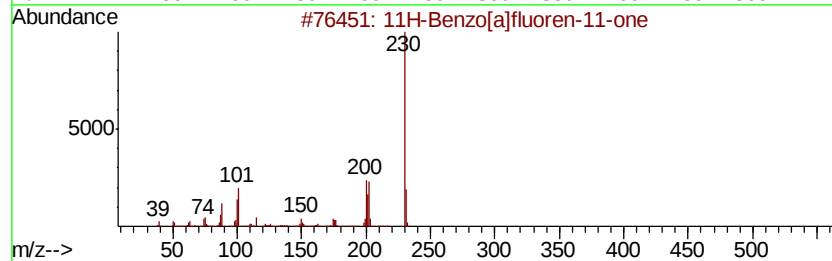
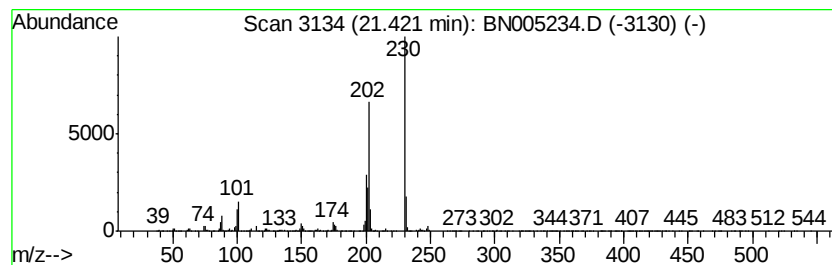
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 1-Pyrene-carboxaldehyde Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.84 ng/ul	1859180	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
5			1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

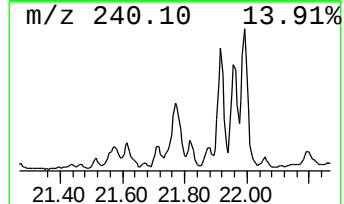
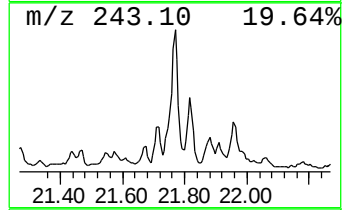
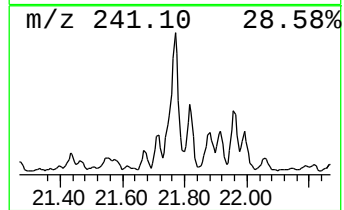
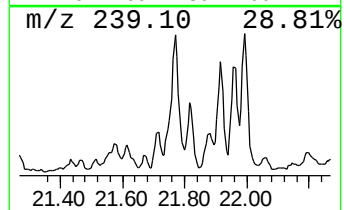
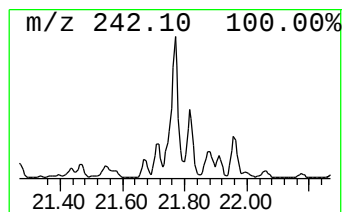
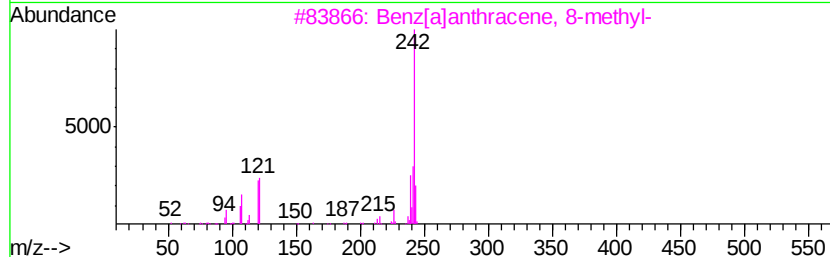
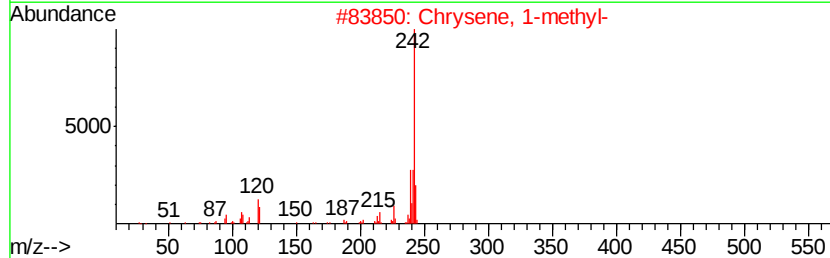
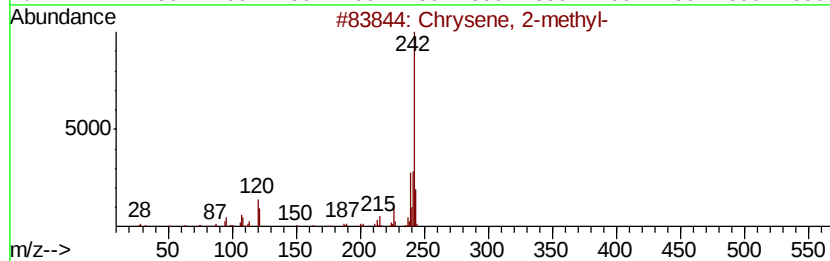
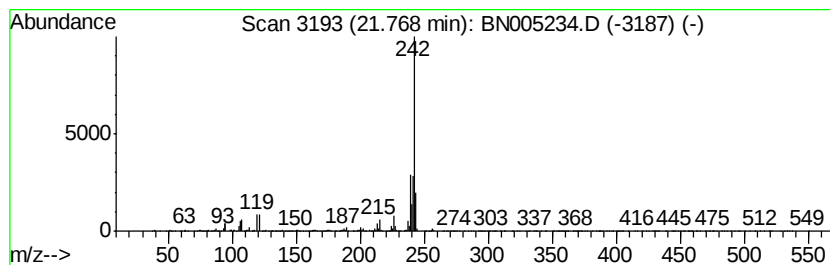
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Chrysene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	4.06 ng/ul	2653770	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chrysene, 2-methyl-	242	C19H14	003351-32-4	98
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
3			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

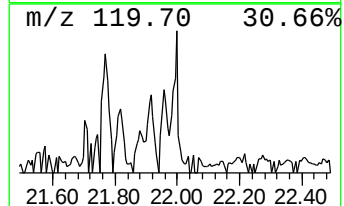
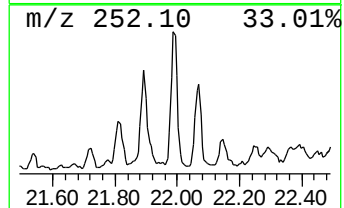
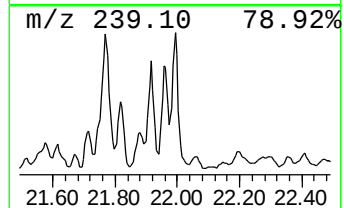
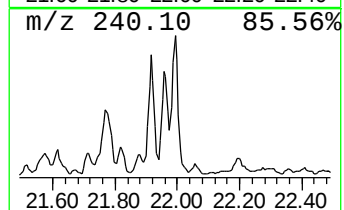
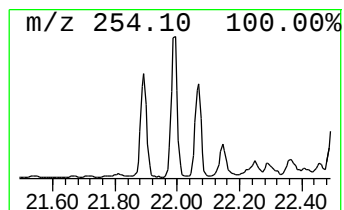
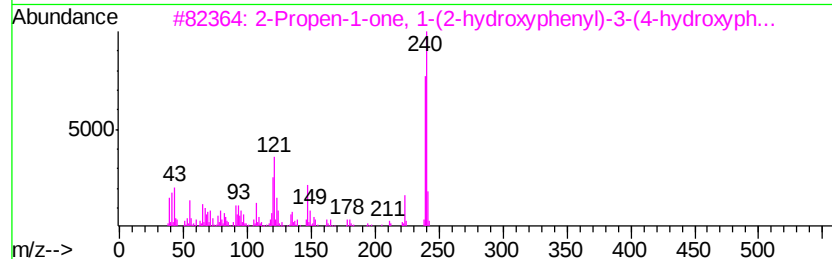
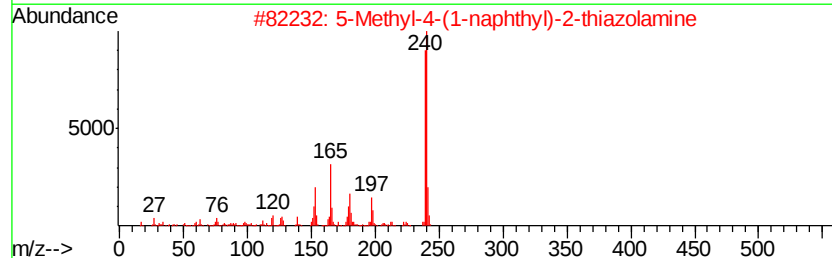
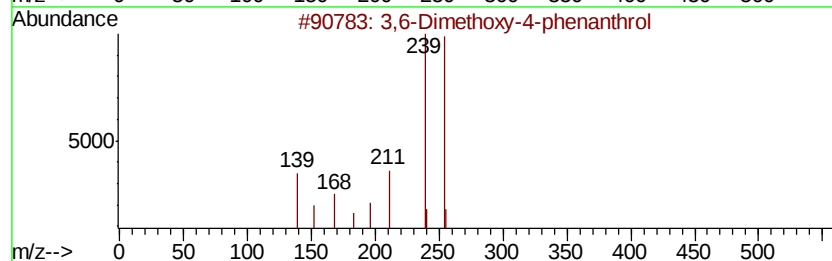
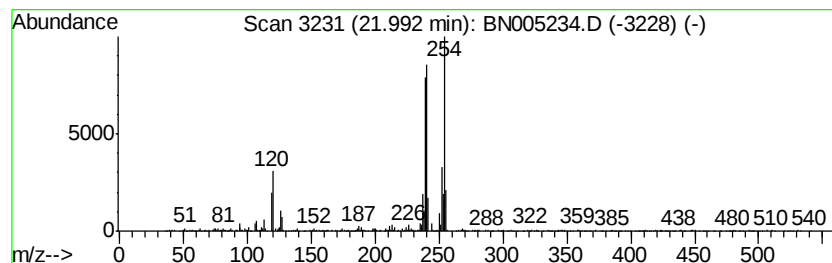
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	2.54 ng/ul	1662760	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,6-Dimethoxy-4-phenanthrol	254	C16H14O3	000481-81-2 38
2	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2 35
3	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5 35
4	Benzenamine, 4-(6-methyl-2-benzo...	240	C14H12N2S	000092-36-4 14
5	Benzofuran-6-ol-3-one, 2-[4-hydr...	254	C15H10O4	1000128-64-9 14



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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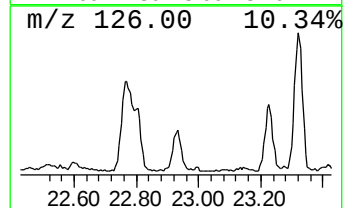
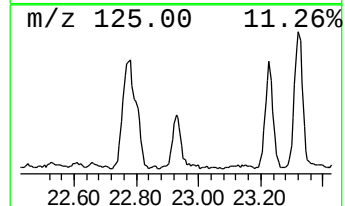
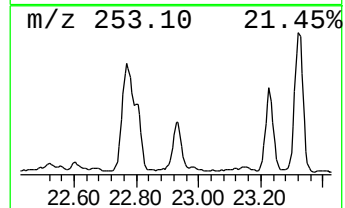
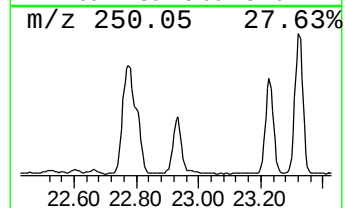
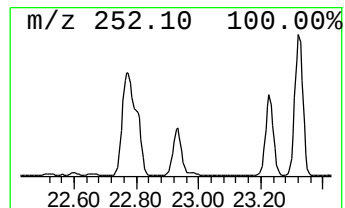
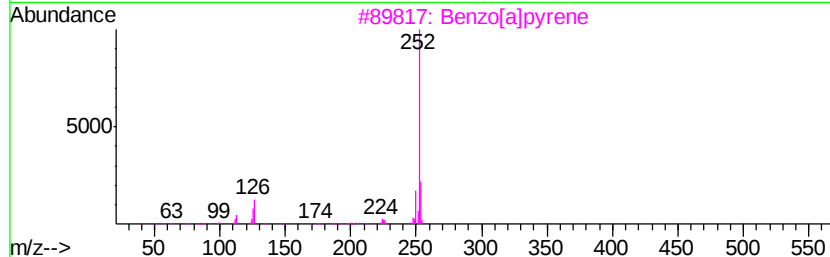
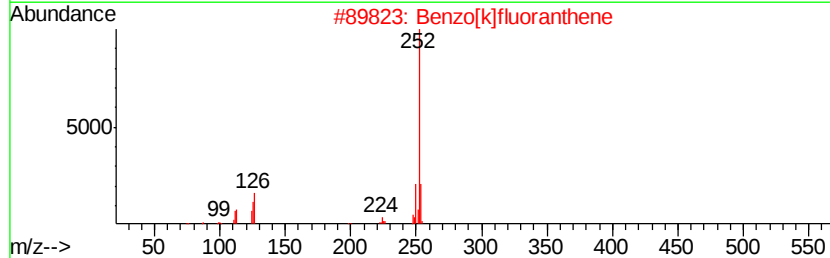
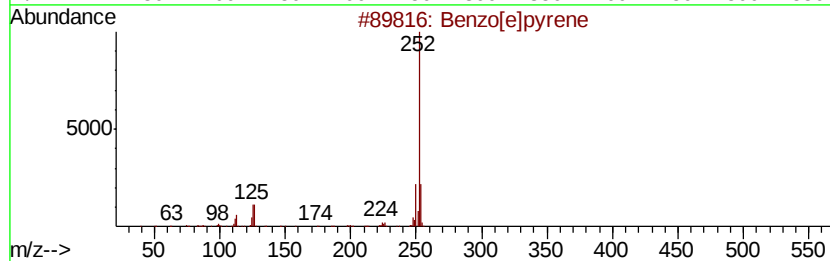
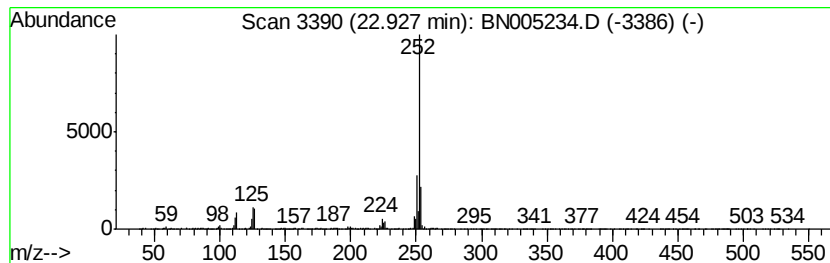
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	7.34 ng/ul	1629380	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
 Data File : BN005234.D
 Acq On : 24 Apr 2019 03:05
 Operator : JU/SJ
 Sample : K2455-04DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 9-eth...	17.52	2.9	ng/ul	782039	4	16.99	5380710	20.0
Anthrone	17.79	2.1	ng/ul	575808	4	16.99	5380710	20.0
Phenanthrene, 1-m...	17.86	5.3	ng/ul	1420300	4	16.99	5380710	20.0
Anthracene, 2-met...	17.92	9.0	ng/ul	2420830	4	16.99	5380710	20.0
4H-Cyclopenta[def...	18.06	15.4	ng/ul	4143910	4	16.99	5380710	20.0
Phenanthrene, 2-m...	18.10	4.8	ng/ul	1302060	4	16.99	5380710	20.0
2-Phenylanthracene	18.37	6.8	ng/ul	1826260	4	16.99	5380710	20.0
9,10-Anthracenedione	18.41	2.1	ng/ul	574257	4	16.99	5380710	20.0
Phenanthrene, 2,3...	18.62	3.1	ng/ul	841529	4	16.99	5380710	20.0
di-p-Tolylacetylene	18.67	3.0	ng/ul	815398	4	16.99	5380710	20.0
Phenanthrene, 2,5...	18.80	8.9	ng/ul	2401230	4	16.99	5380710	20.0
Acephenanthrylene...	18.86	7.3	ng/ul	1975950	4	16.99	5380710	20.0
Naphthalene, 1,2-...	18.89	2.3	ng/ul	611917	4	16.99	5380710	20.0
Cyclopenta(def)ph...	18.93	15.5	ng/ul	4180490	4	16.99	5380710	20.0
Pyrene, 1-methyl-	19.76	4.1	ng/ul	2701830	5	21.22	13071300	20.0
Fluoranthene, 2-m...	19.90	4.2	ng/ul	2769860	5	21.22	13071300	20.0
11H-Benzo[b]fluorene	19.93	4.4	ng/ul	2871540	5	21.22	13071300	20.0
11H-Benzo[a]fluorene	20.03	2.7	ng/ul	1764800	5	21.22	13071300	20.0
Pyrene, 4-methyl-	20.09	3.6	ng/ul	2387310	5	21.22	13071300	20.0
Pyrene, 2-methyl-	20.23	3.2	ng/ul	2113230	5	21.22	13071300	20.0
11H-Benzo[a]fluor...	20.69	2.2	ng/ul	1420540	5	21.22	13071300	20.0
7H-Benz[de]anthra...	20.84	2.2	ng/ul	1447850	5	21.22	13071300	20.0
Cyclopenta(cd)pyr...	20.90	2.1	ng/ul	1348930	5	21.22	13071300	20.0
1-Pyrene-carboxal...	21.42	2.8	ng/ul	1859180	5	21.22	13071300	20.0
Chrysene, 2-methyl-	21.77	4.1	ng/ul	2653770	5	21.22	13071300	20.0
unknown-01	21.99	2.5	ng/ul	1662760	5	21.22	13071300	20.0
Benzo[e]pyrene	22.93	7.3	ng/ul	1629380	6	23.42	4437730	20.0