

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005433.D
 Acq On : 03 May 2019 01:55
 Operator : JU/SJ
 Sample : K2603-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ57

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	637	644	654	rBV	317509	544855	3.80%	0.342%
2	6.940	664	672	682	rBV	261353	426146	2.97%	0.268%
3	7.128	697	704	712	rBV	338808	540281	3.77%	0.339%
4	7.593	776	783	791	rBV	1292695	2101267	14.66%	1.319%
5	8.293	895	902	916	rBV	414634	731732	5.11%	0.459%
6	8.734	970	977	987	rVB	348950	600022	4.19%	0.377%
7	9.446	1092	1098	1107	rBV	281635	489483	3.42%	0.307%
8	9.981	1183	1189	1207	rVB	389175	754004	5.26%	0.473%
9	10.351	1244	1252	1259	rBV	1978274	3327004	23.22%	2.089%
10	10.493	1270	1276	1286	rBV	278289	579942	4.05%	0.364%
11	13.640	1806	1811	1815	rVV	903450	1314937	9.18%	0.825%
12	13.681	1815	1818	1824	rVV2	306453	545645	3.81%	0.343%
13	13.910	1851	1857	1860	rBV	1047156	1681626	11.73%	1.056%
14	13.940	1860	1862	1871	rVB	993997	1305073	9.11%	0.819%
15	14.222	1903	1910	1918	rBV2	2914472	4683069	32.68%	2.940%
16	14.445	1943	1948	1958	rBV2	179923	414834	2.89%	0.260%
17	14.845	2008	2016	2023	rBV4	118250	298885	2.09%	0.188%
18	15.104	2055	2060	2065	rBV	280366	363310	2.54%	0.228%
19	15.222	2068	2080	2086	rBV	1397879	2158341	15.06%	1.355%
20	15.281	2086	2090	2099	rVV2	148291	327057	2.28%	0.205%
21	15.363	2099	2104	2108	rVV	234781	382980	2.67%	0.240%
22	15.510	2119	2129	2134	rVB6	100271	300426	2.10%	0.189%
23	15.969	2201	2207	2210	rBV2	276308	443319	3.09%	0.278%
24	16.286	2255	2261	2267	rBV7	101747	278151	1.94%	0.175%
25	16.804	2345	2349	2360	rVB3	98689	264681	1.85%	0.166%
26	16.981	2372	2379	2383	rBV	3951077	5570540	38.87%	3.497%
27	17.016	2383	2385	2390	rVV	834588	1150814	8.03%	0.722%
28	17.075	2390	2395	2399	rVV	1424532	2111928	14.74%	1.326%
29	17.110	2399	2401	2407	rVB	483915	573497	4.00%	0.360%
30	17.175	2407	2412	2418	rBV3	158485	317347	2.21%	0.199%
31	17.504	2464	2468	2472	rVB	504379	617758	4.31%	0.388%
32	17.563	2474	2478	2483	rVB2	213393	298222	2.08%	0.187%
33	17.857	2523	2528	2532	rVV	697454	942604	6.58%	0.592%
34	17.904	2532	2536	2545	rVB	877658	1202833	8.39%	0.755%

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35	17.986	2545	2550	2555	rBV	363584	534845	3.73%	0.336%
36	18.051	2555	2561	2565	rVV2	1966525	3419966	23.87%	2.147%
37	18.086	2565	2567	2577	rVB	623176	886459	6.19%	0.556%
38	18.363	2610	2614	2618	rBV2	568853	757226	5.28%	0.475%
39	18.616	2654	2657	2662	rVV	255331	367932	2.57%	0.231%
40	18.669	2662	2666	2669	rVV	336062	436406	3.05%	0.274%
41	18.704	2669	2672	2677	rVB2	261443	360723	2.52%	0.226%
42	18.792	2677	2687	2691	rBV2	1282349	2284052	15.94%	1.434%
43	18.851	2691	2697	2700	rVV2	797911	1443448	10.07%	0.906%
44	18.880	2700	2702	2706	rVB	530684	578964	4.04%	0.363%
45	18.927	2706	2710	2718	rBV2	779425	1770996	12.36%	1.112%
46	19.057	2725	2732	2739	rBV	5943414	8472772	59.13%	5.319%
47	19.122	2739	2743	2747	rVV2	307588	438488	3.06%	0.275%
48	19.157	2747	2749	2753	rVV3	205062	283133	1.98%	0.178%
49	19.204	2753	2757	2762	rVB	1625996	2164428	15.10%	1.359%
50	19.298	2769	2773	2775	rBV2	240256	338288	2.36%	0.212%
51	19.327	2775	2778	2784	rVB	472573	676353	4.72%	0.425%
52	19.392	2784	2789	2790	rBV	1898244	2294851	16.01%	1.441%
53	19.422	2790	2794	2803	rVB	10092646	14330210	100.00%	8.996%
54	19.504	2803	2808	2814	rVB3	367934	585627	4.09%	0.368%
55	19.663	2831	2835	2845	rVB5	237117	410497	2.86%	0.258%
56	19.757	2845	2851	2861	rVB	987185	2141970	14.95%	1.345%
57	19.839	2861	2865	2868	rBV4	206917	310878	2.17%	0.195%
58	19.892	2868	2874	2876	rBV3	983813	1714705	11.97%	1.076%
59	19.922	2876	2879	2884	rVB	1970562	2892781	20.19%	1.816%
60	19.992	2885	2891	2893	rBV4	207180	360903	2.52%	0.227%
61	20.027	2893	2897	2902	rVB	1558439	1819649	12.70%	1.142%
62	20.086	2902	2907	2911	rBV	1549319	1911982	13.34%	1.200%
63	20.174	2918	2922	2926	rBV3	204505	367279	2.56%	0.231%
64	20.227	2926	2931	2934	rVV	1207920	1542166	10.76%	0.968%
65	20.274	2934	2939	2943	rVB	1324256	1824159	12.73%	1.145%
66	20.398	2956	2960	2965	rVB2	191517	316017	2.21%	0.198%
67	20.480	2971	2974	2977	rVV2	185316	266959	1.86%	0.168%
68	20.527	2978	2982	2984	rVV	289573	417512	2.91%	0.262%
69	20.557	2985	2987	2991	rVB2	245610	303234	2.12%	0.190%
70	20.645	2997	3002	3005	rBV4	299717	574805	4.01%	0.361%
71	20.816	3027	3031	3033	rBV2	266001	404684	2.82%	0.254%

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72	20.845	3033	3036	3040	rVV	678398	894284	6.24%	0.561%
73	20.886	3040	3043	3046	rVB	961302	1005860	7.02%	0.631%
74	20.922	3046	3049	3054	rBV	667018	788843	5.50%	0.495%
75	21.092	3074	3078	3082	rBV	244643	334986	2.34%	0.210%
76	21.198	3090	3096	3101	rBV3	6377823	13151790	91.78%	8.256%
77	21.245	3101	3104	3111	rVV	3779005	5116489	35.70%	3.212%
78	21.363	3121	3124	3126	rBV	244267	315018	2.20%	0.198%
79	21.416	3129	3133	3147	rVB3	915465	1607690	11.22%	1.009%
80	21.569	3156	3159	3163	rVB3	233474	299462	2.09%	0.188%
81	21.704	3179	3182	3185	rVV	304259	371068	2.59%	0.233%
82	21.757	3185	3191	3197	rVV	1143484	2161890	15.09%	1.357%
83	21.810	3197	3200	3206	rVV	721770	954061	6.66%	0.599%
84	21.874	3206	3211	3214	rVV2	431638	844595	5.89%	0.530%
85	21.904	3214	3216	3220	rVV2	557646	754183	5.26%	0.473%
86	21.951	3220	3224	3226	rVV2	730616	943695	6.59%	0.592%
87	21.980	3226	3229	3234	rVB2	897187	1270309	8.86%	0.797%
88	22.051	3238	3241	3249	rVB2	362538	505373	3.53%	0.317%
89	22.280	3276	3280	3288	rVB5	335368	664634	4.64%	0.417%
90	22.763	3355	3362	3373	rBV	2109185	6603604	46.08%	4.146%
91	22.921	3384	3389	3398	rBV	800110	1390370	9.70%	0.873%
92	23.221	3434	3440	3444	rBV	1507970	2720875	18.99%	1.708%
93	23.268	3444	3448	3451	rVV2	883391	1539228	10.74%	0.966%
94	23.316	3451	3456	3463	rVV	2987748	5528396	38.58%	3.471%
95	23.410	3464	3472	3477	rVV	2546596	4886592	34.10%	3.068%
96	23.457	3477	3480	3488	rVB2	473805	929056	6.48%	0.583%
97	24.251	3609	3615	3621	rVB2	386131	775754	5.41%	0.487%
98	25.586	3834	3842	3854	rVB	945517	2642506	18.44%	1.659%
99	25.839	3881	3885	3892	rVB	210087	416006	2.90%	0.261%
100	26.251	3947	3955	3976	rVB2	697687	2229111	15.56%	1.399%

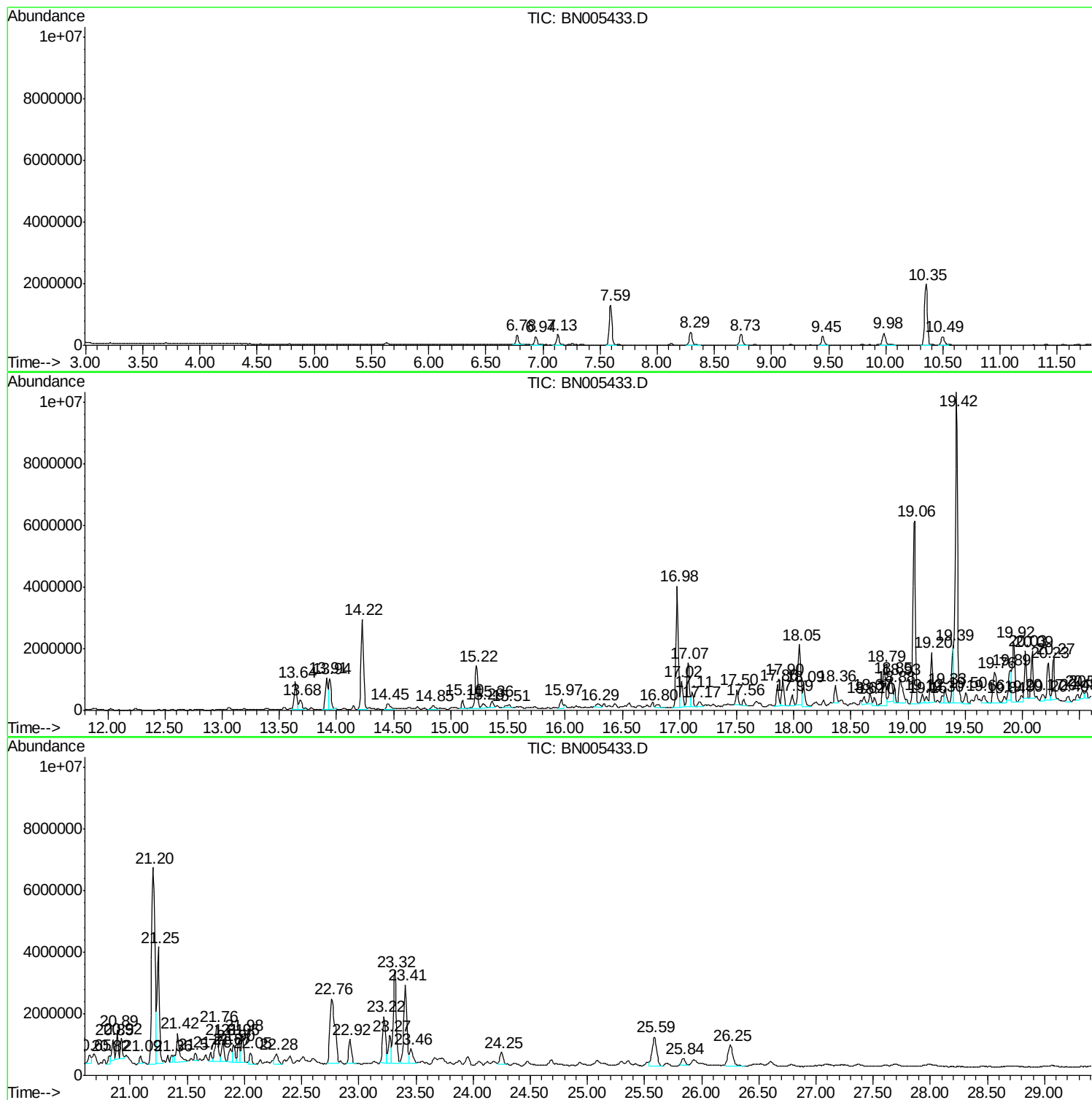
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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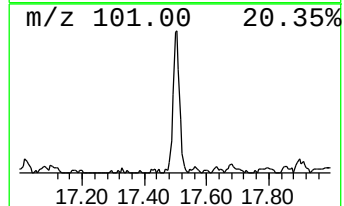
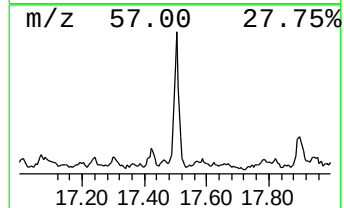
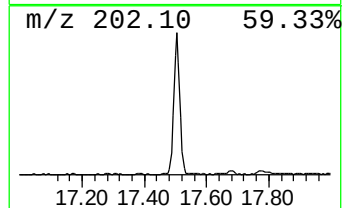
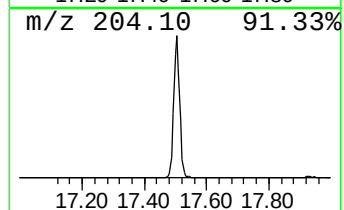
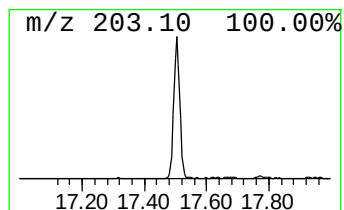
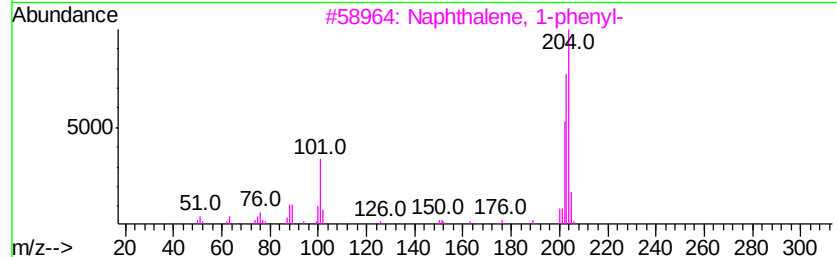
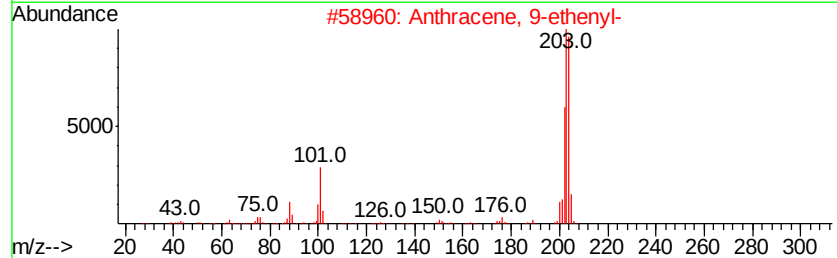
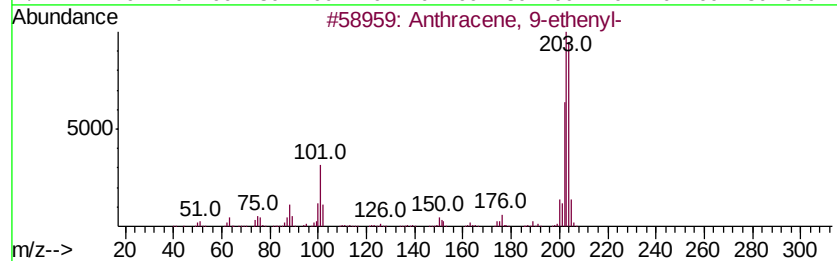
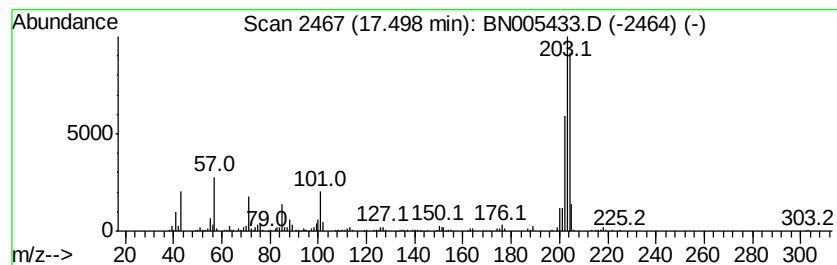
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 9-ethenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.22 ng/ul	617758	Phenanthrene-d10	16.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Anthracene, 9-ethenyl-	204 C16H12	002444-68-0 86
2		Anthracene, 9-ethenyl-	204 C16H12	002444-68-0 70
3		Naphthalene, 1-phenyl-	204 C16H12	000605-02-7 70
4		1H-Indene, 1-(phenylmethylene)-	204 C16H12	005394-86-5 70
5		Naphthalene, 1-phenyl-	204 C16H12	000605-02-7 70



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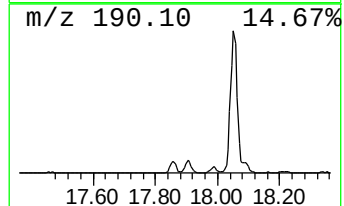
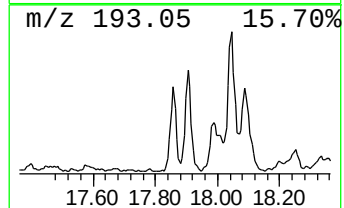
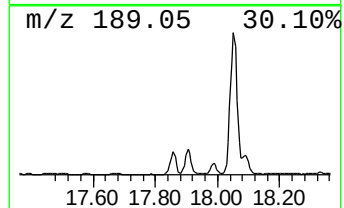
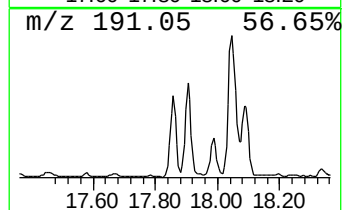
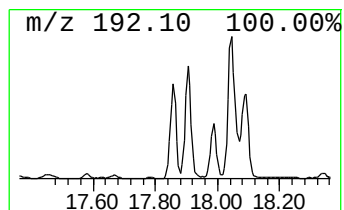
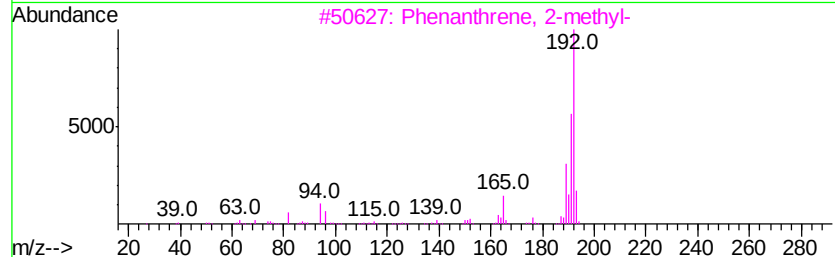
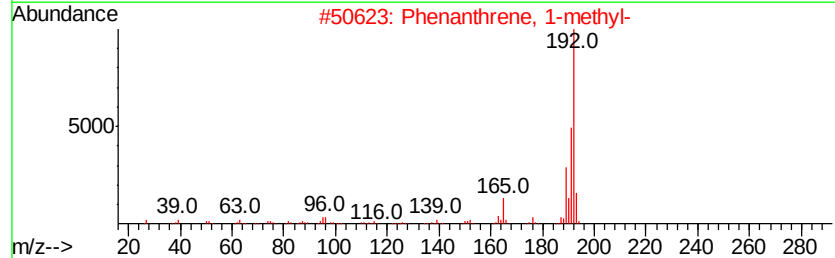
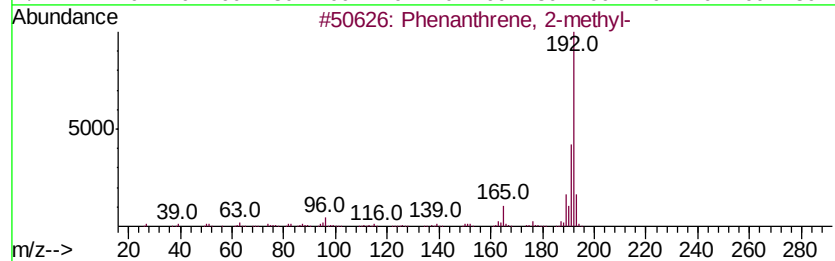
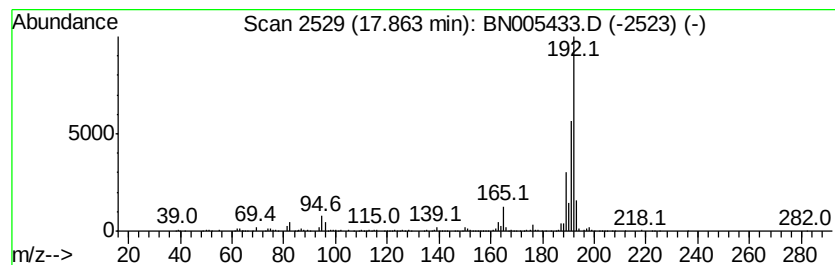
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.38 ng/ul	942604	Phenanthrene-d10	16.98

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



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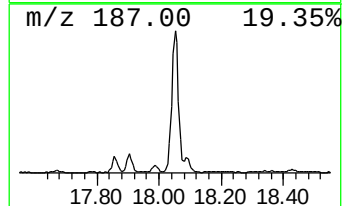
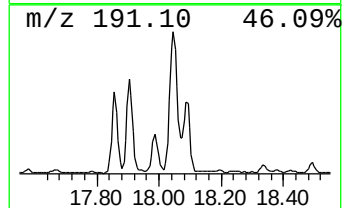
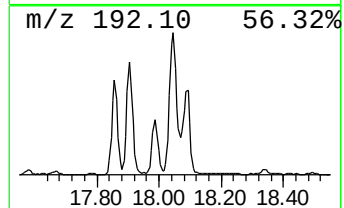
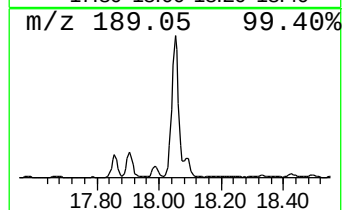
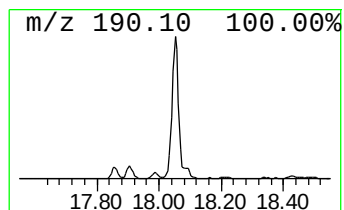
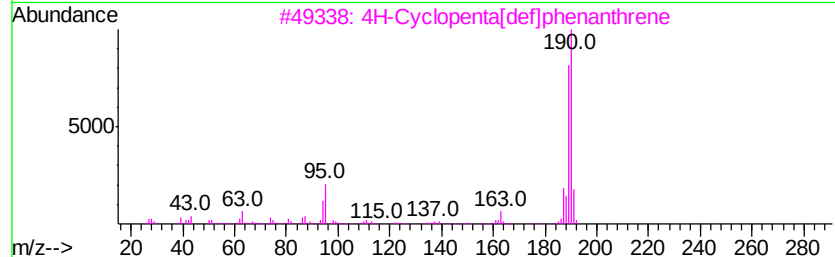
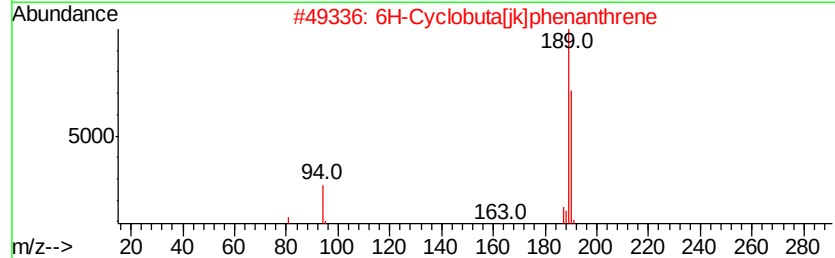
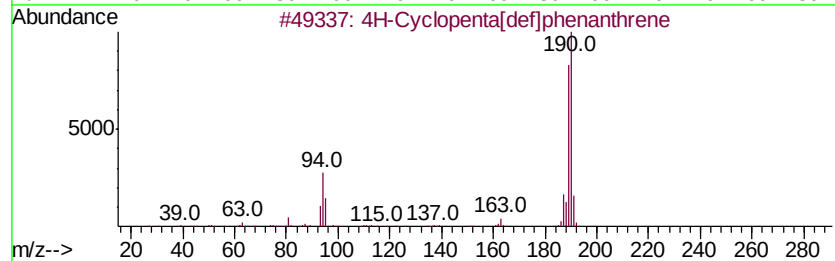
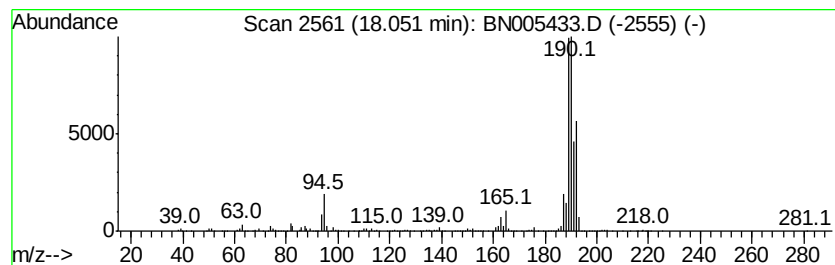
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.05	12.28 ng/ul	3419970	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	53
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



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Operator : JU/SJ
Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

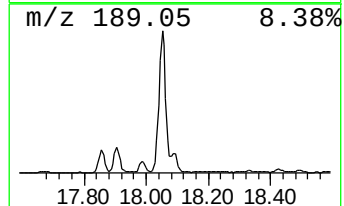
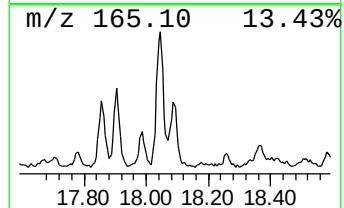
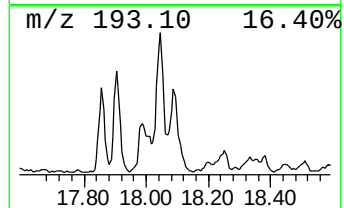
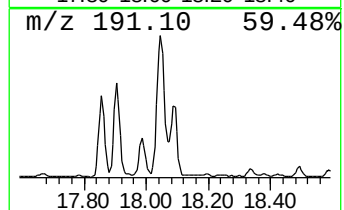
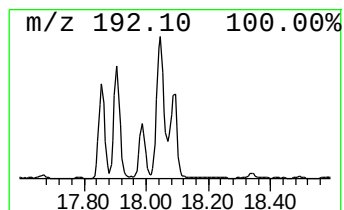
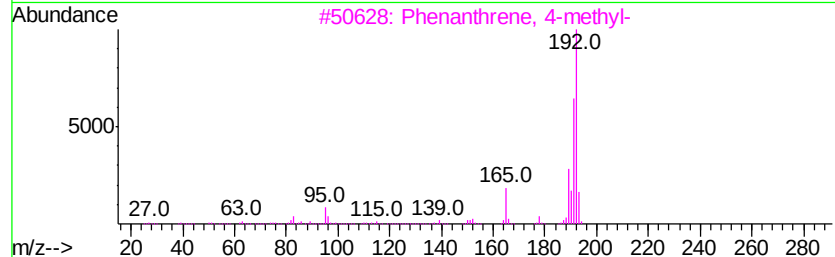
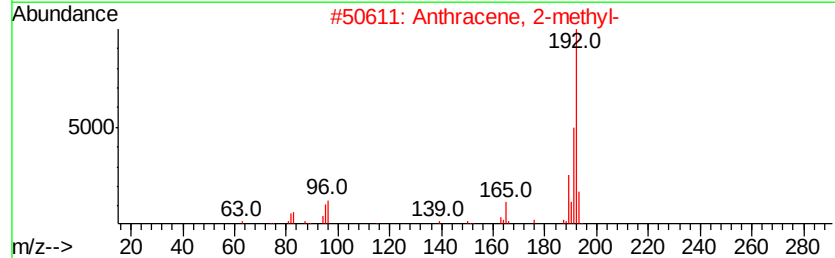
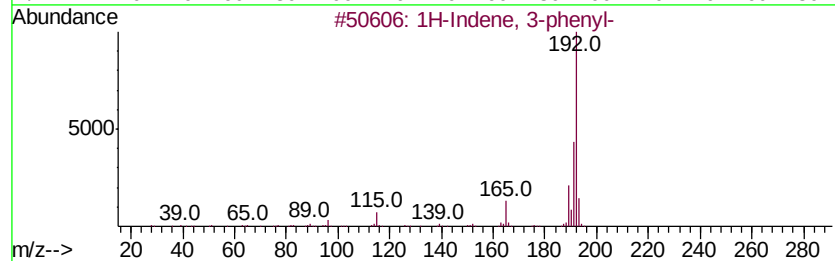
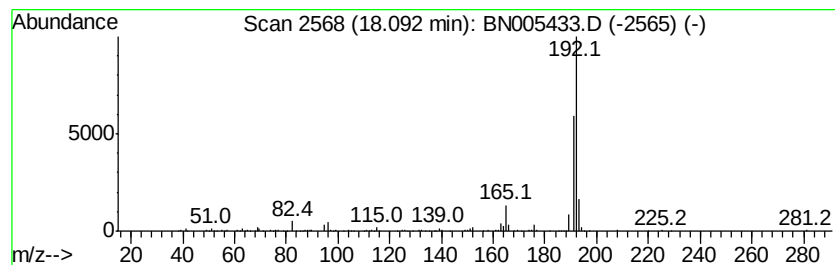
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Indene, 3-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	3.18 ng/ul	886459	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90



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Sample : K2603-05 5X
Misc :
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Instrument :
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ClientSampleId :
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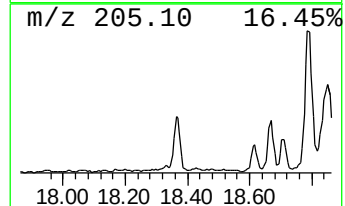
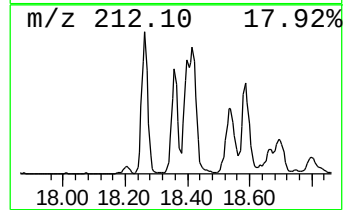
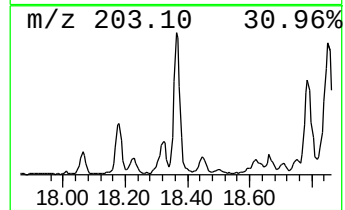
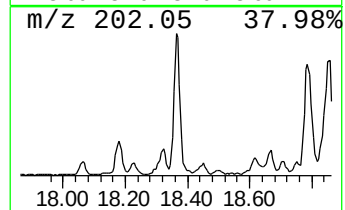
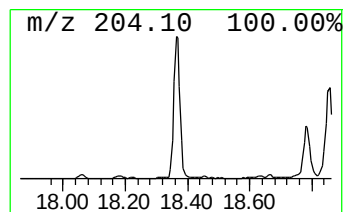
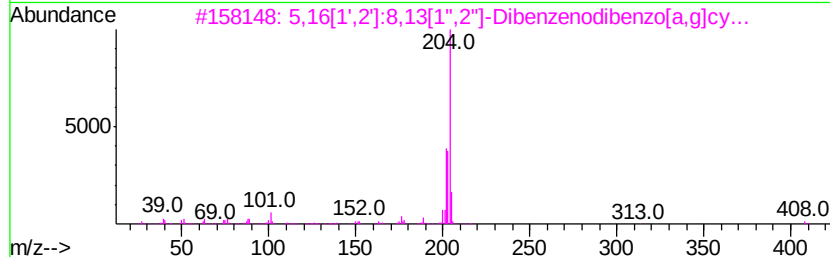
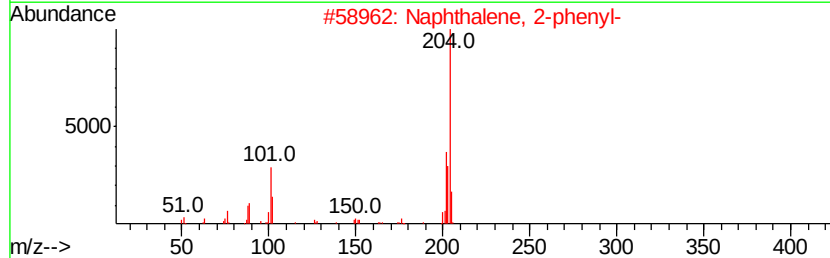
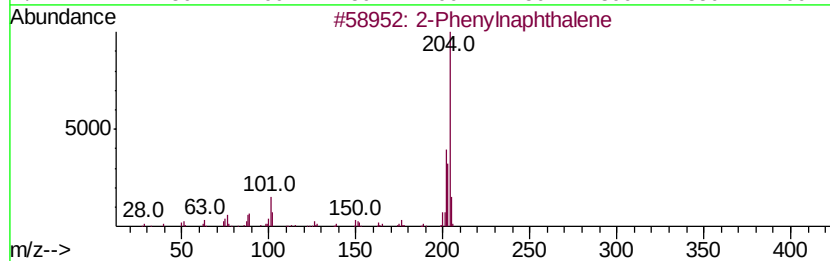
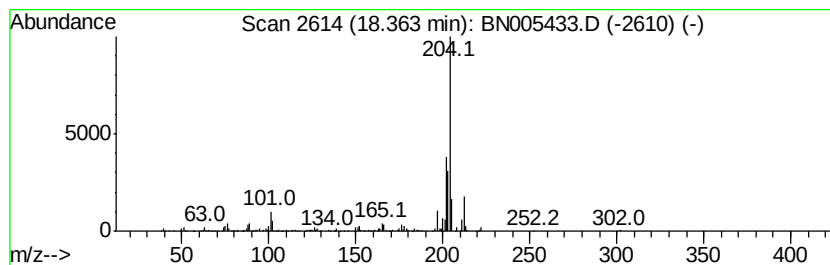
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Phenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.72 ng/ul	757226	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene			204	C16H12	035465-71-5	86
2	Naphthalene, 2-phenyl-			204	C16H12	000612-94-2	86
3	5,16[1',2']8,13[1'',2'']-Dibenz...			408	C32H24	005672-97-9	74
4	Naphthalene, 2-phenyl-			204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-			204	C16H12	000612-94-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005433.D
Acq On : 03 May 2019 01:55
Operator : JU/SJ
Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

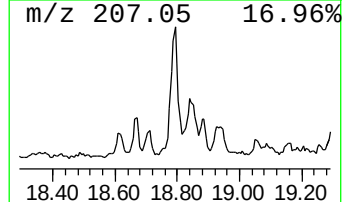
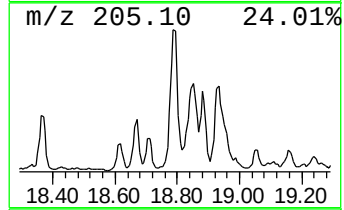
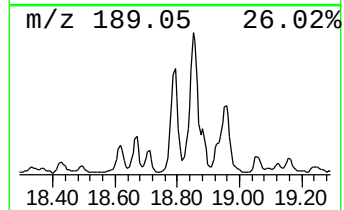
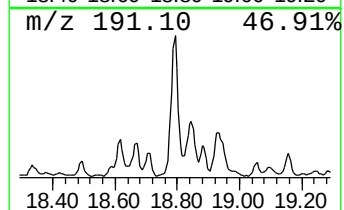
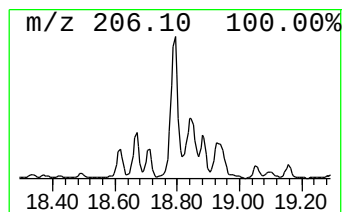
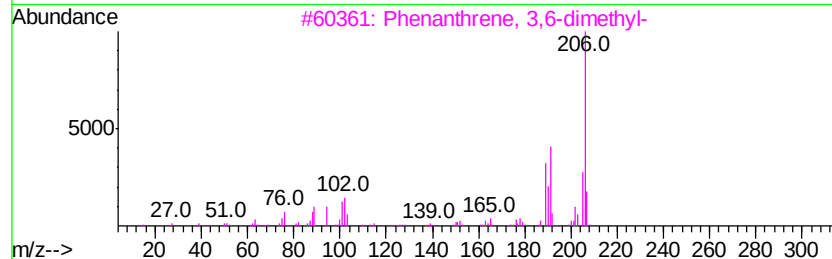
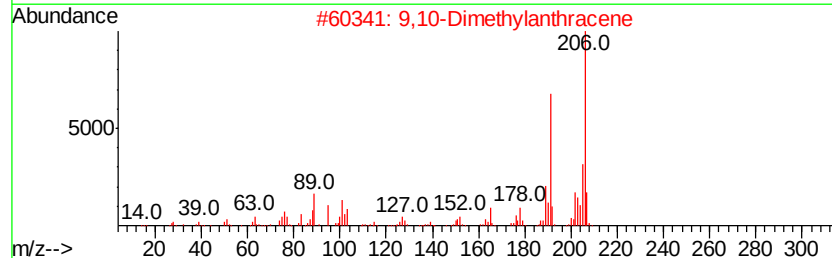
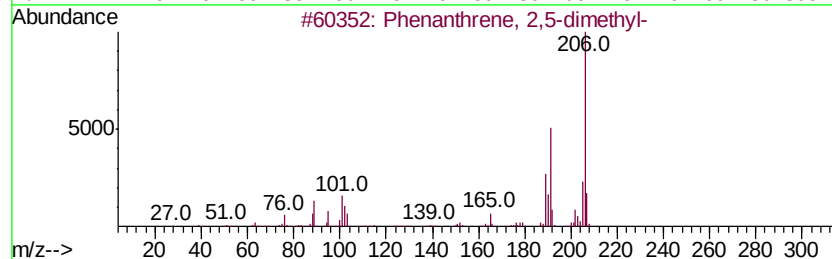
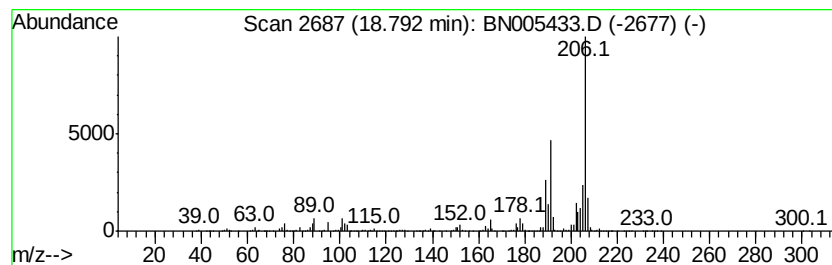
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.79	8.20 ng/ul	2284050	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
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Operator : JU/SJ
Sample : K2603-05 5X
Misc :
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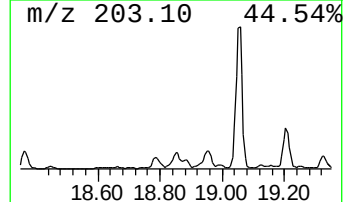
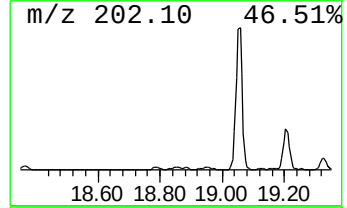
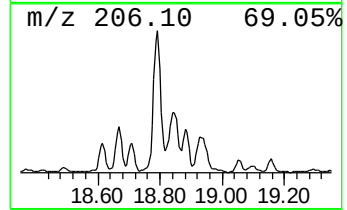
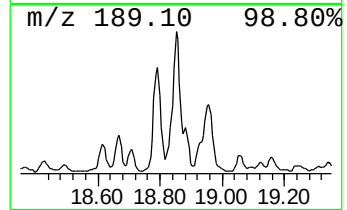
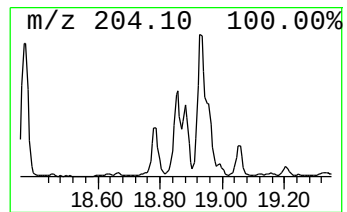
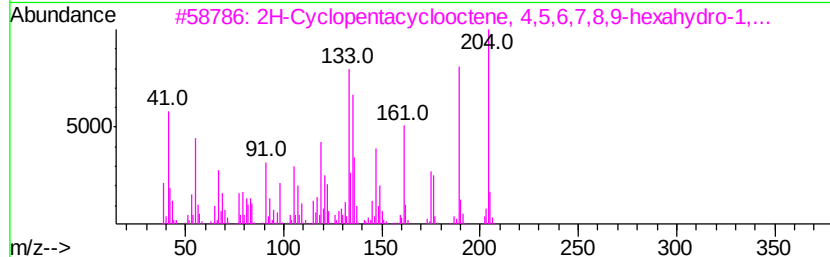
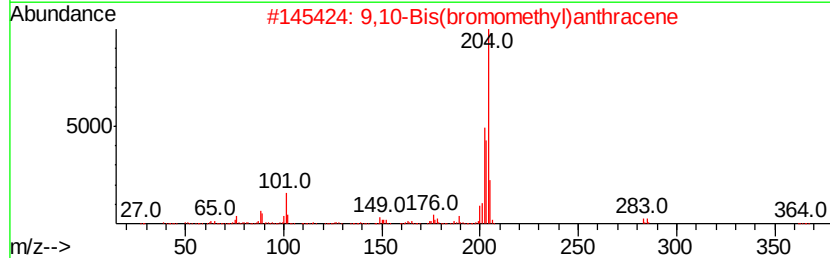
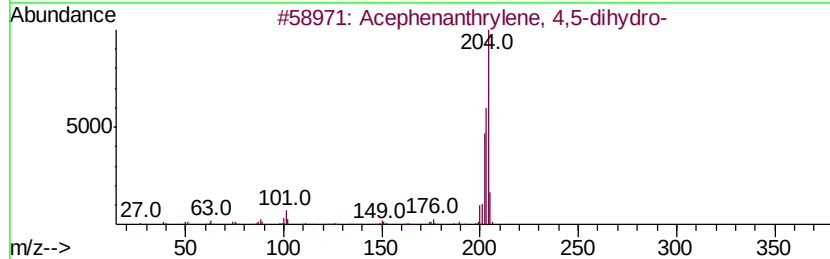
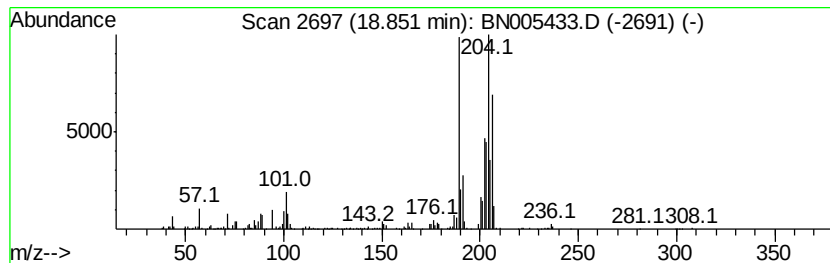
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.85	5.18 ng/ul	1443450	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
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Sample : K2603-05 5X
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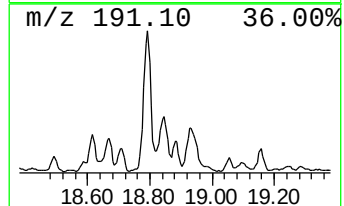
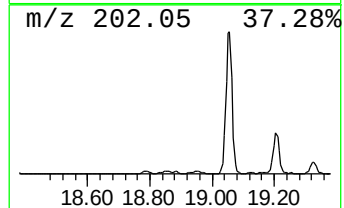
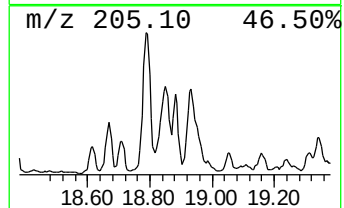
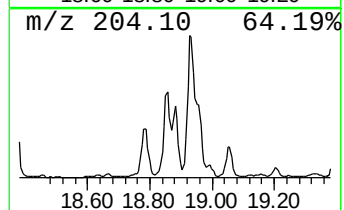
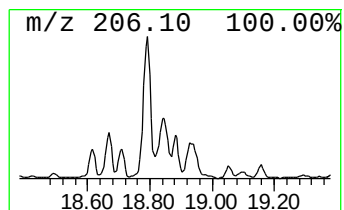
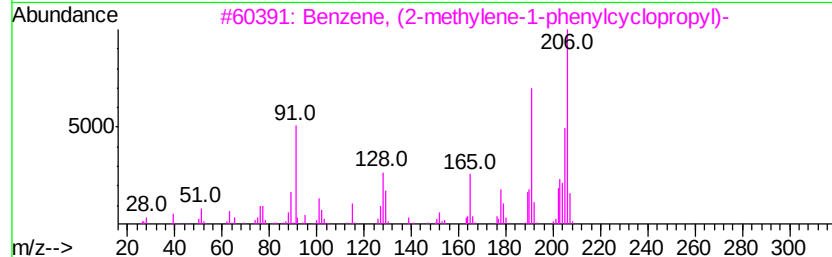
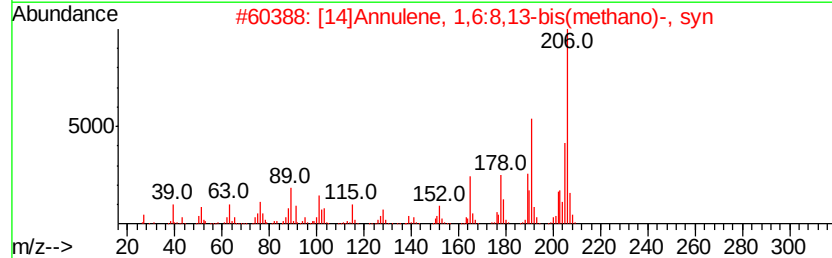
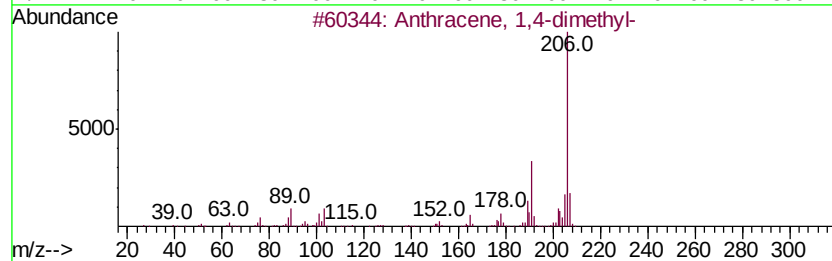
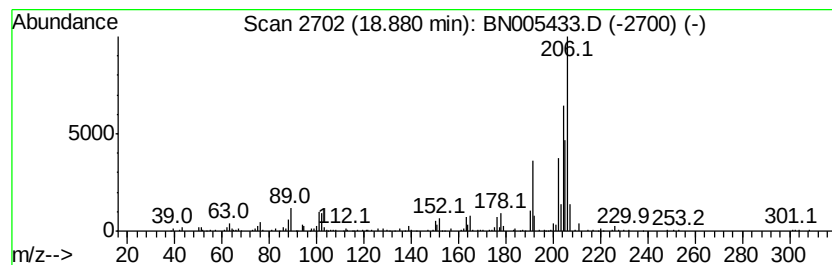
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Anthracene, 1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	2.08 ng/ul	578964	Phenanthrene-d10	16.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Anthracene, 1,4-dimethyl-	206 C16H14	000781-92-0 83
2		[14]Annulene, 1,6:8,13-bis(metha...	206 C16H14	085385-68-8 76
3		Benzene, (2-methylene-1-phenylcy...	206 C16H14	025152-47-0 70
4		1,3-Butadiene, 1,4-diphenyl-, (E...	206 C16H14	000538-81-8 70
5		1,4-Diphenyl-1,3-butadiene	206 C16H14	000886-65-7 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
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Acq On : 03 May 2019 01:55
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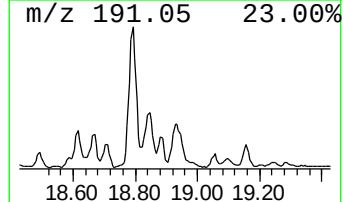
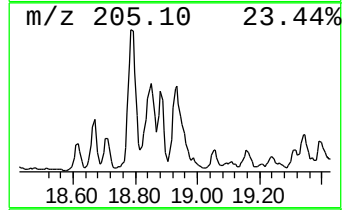
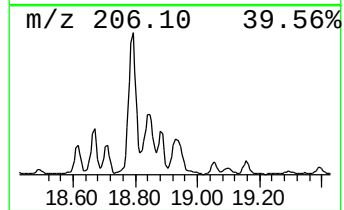
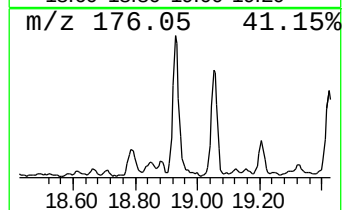
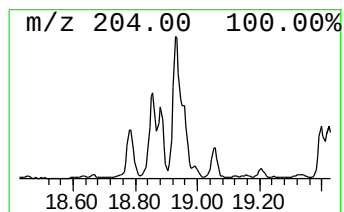
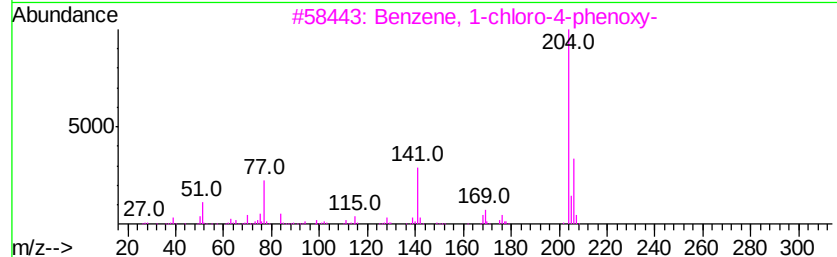
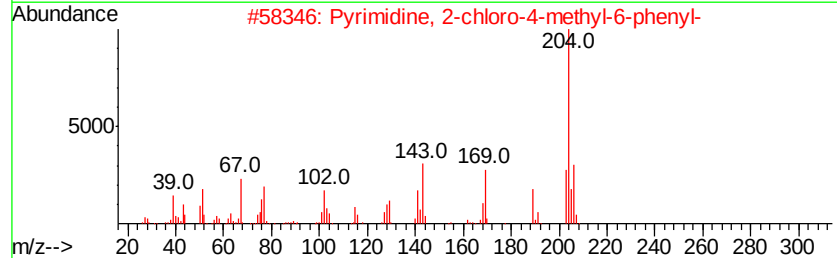
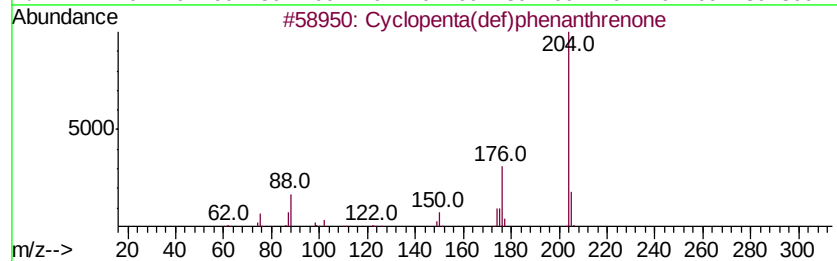
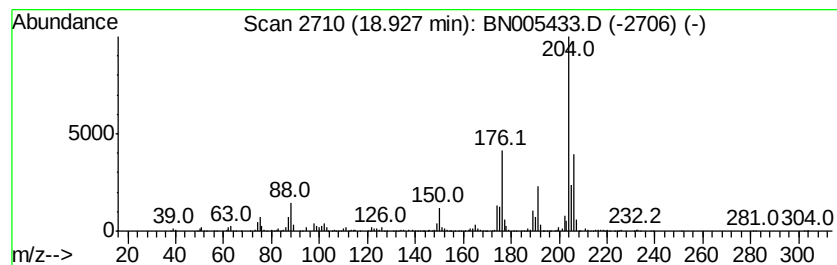
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	6.36 ng/ul	1771000	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
4		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5		[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005433.D
Acq On : 03 May 2019 01:55
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Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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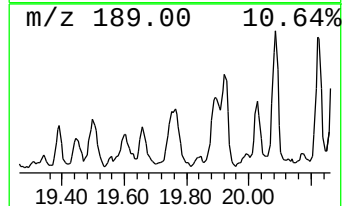
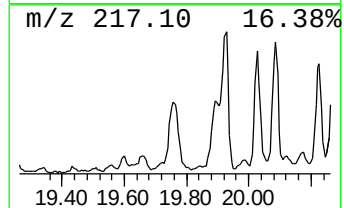
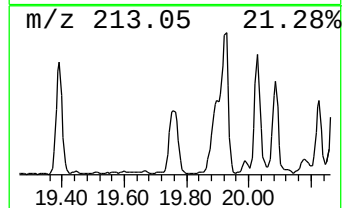
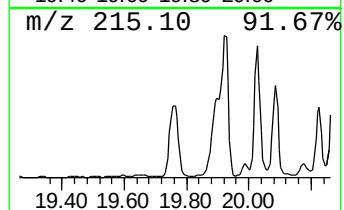
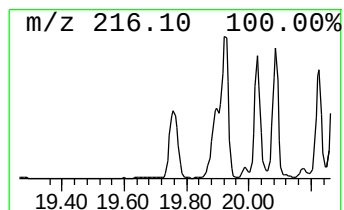
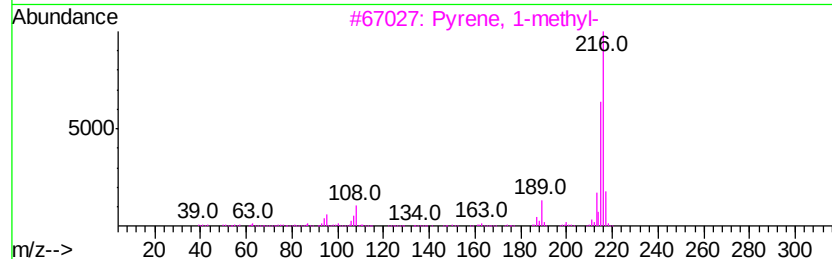
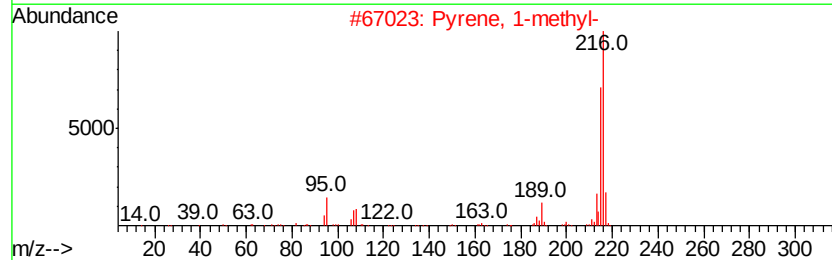
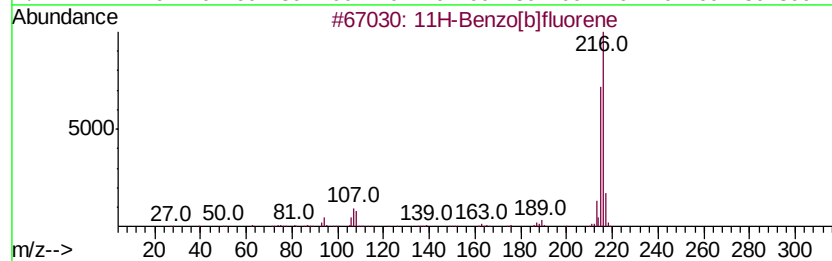
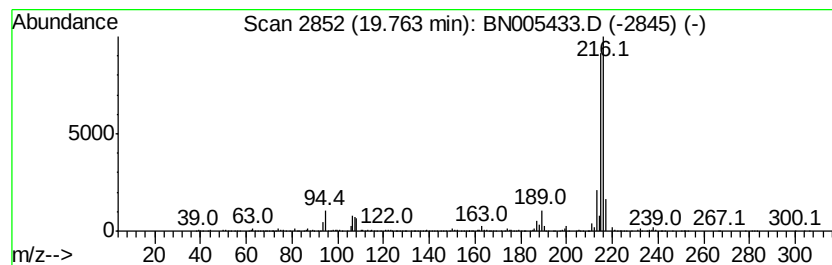
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.26 ng/ul	2141970	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005433.D
Acq On : 03 May 2019 01:55
Operator : JU/SJ
Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

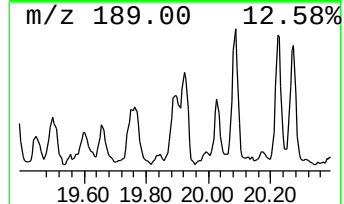
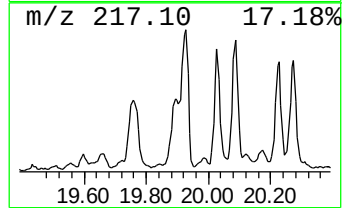
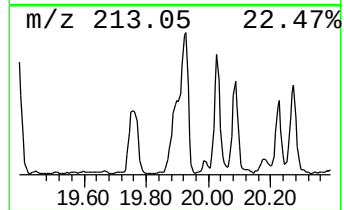
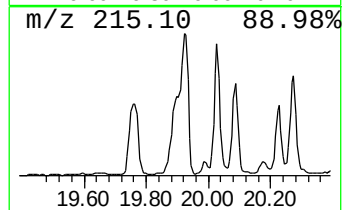
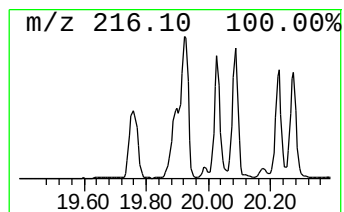
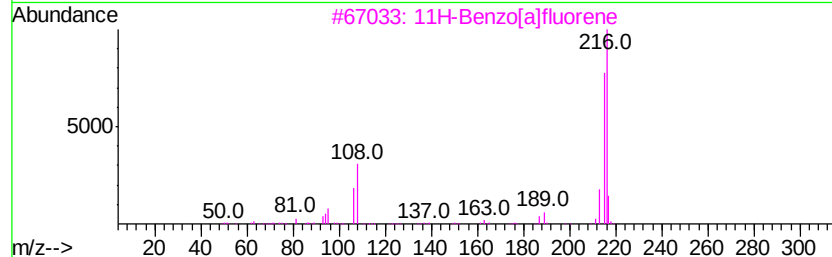
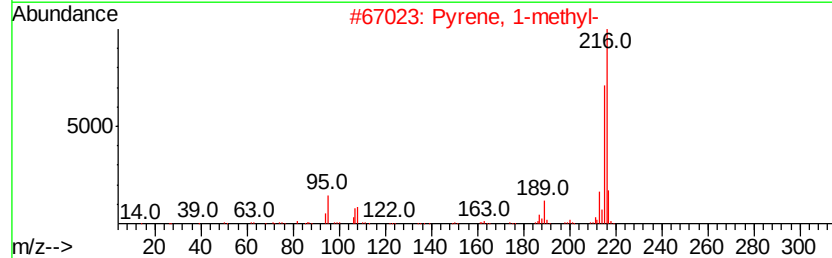
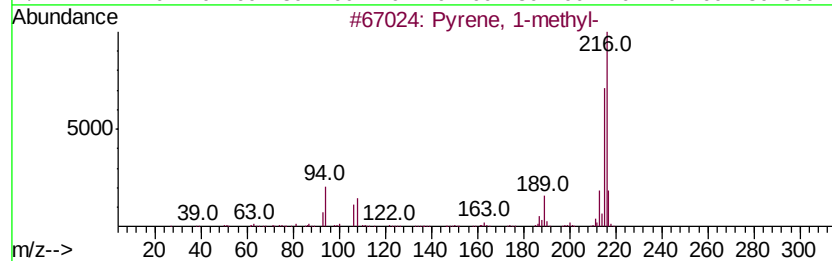
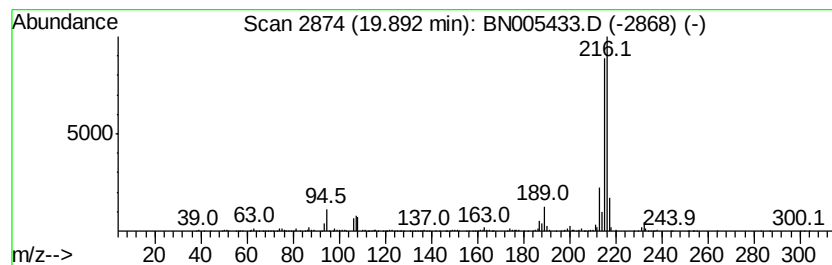
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.89	2.61 ng/ul	1714710	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
3	11H-Benzo[alfluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005433.D
Acq On : 03 May 2019 01:55
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Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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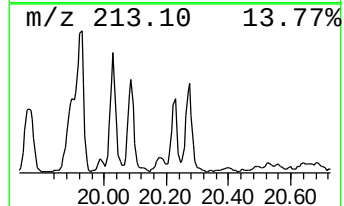
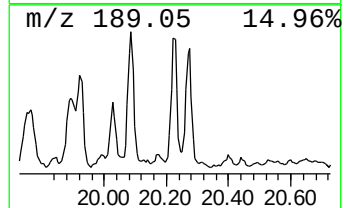
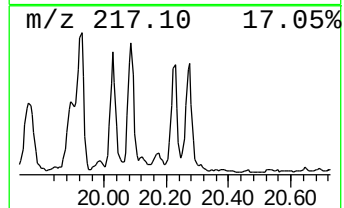
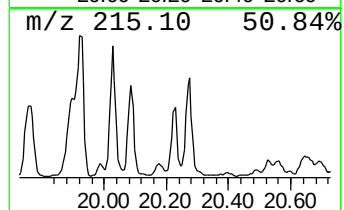
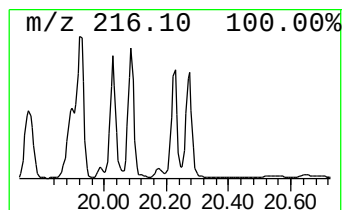
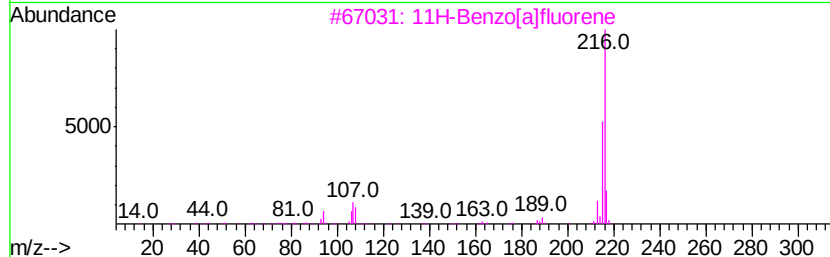
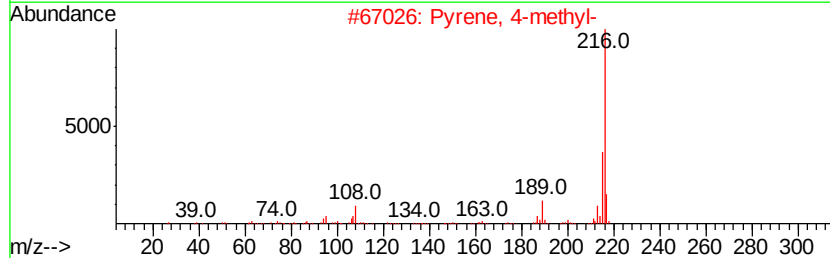
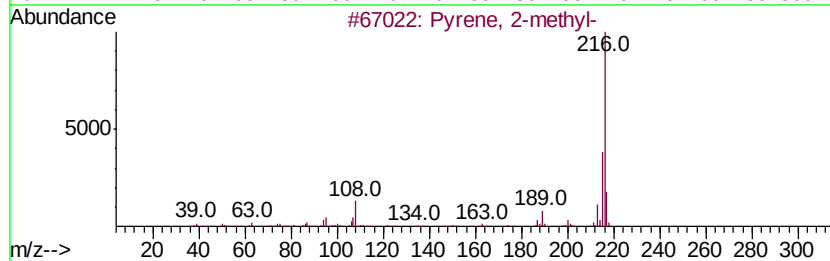
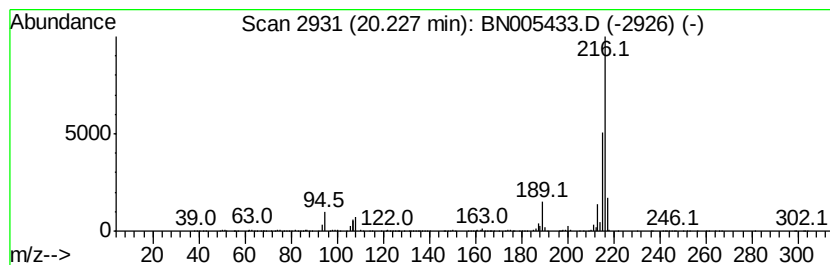
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.35 ng/ul	1542170	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005433.D
Acq On : 03 May 2019 01:55
Operator : JU/SJ
Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

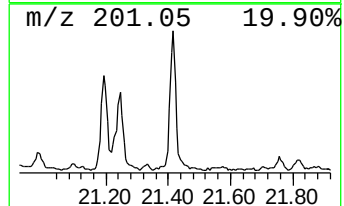
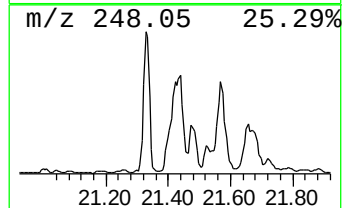
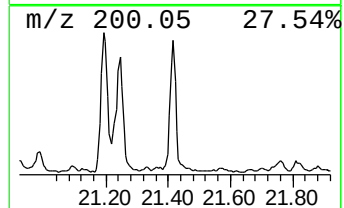
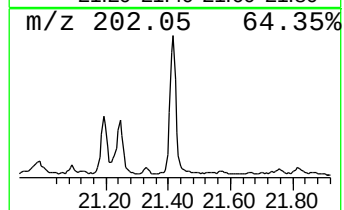
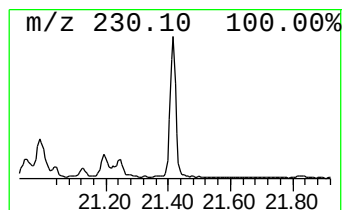
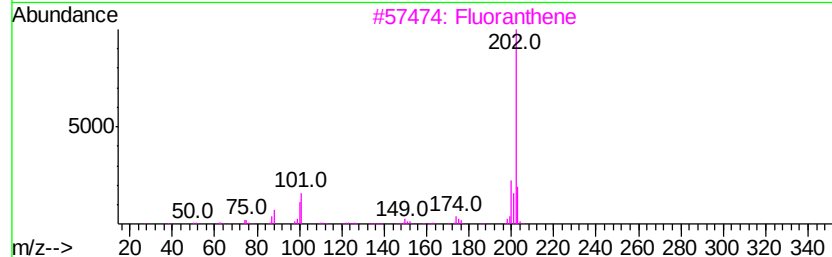
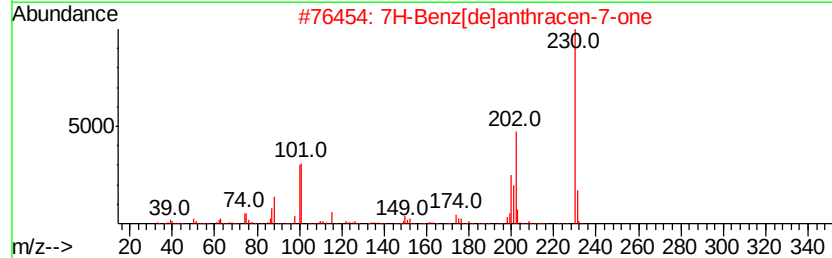
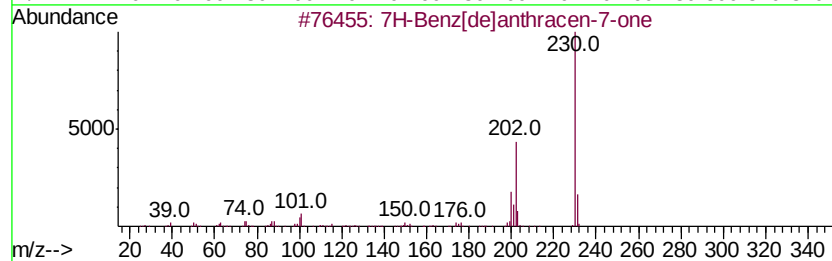
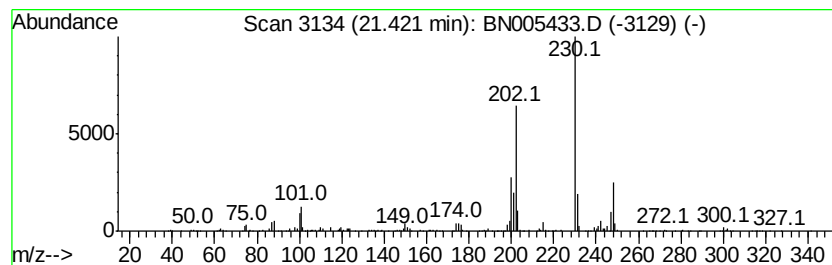
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.44 ng/ul	1607690	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3 95
2		7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3 93
3		Fluoranthene	202 C16H10	000206-44-0 92
4		7H-Benz[de]anthracen-7-one	230 C17H10O	000082-05-3 91
5		1-Pyrene-carboxaldehyde	230 C17H10O	003029-19-4 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005433.D
Acq On : 03 May 2019 01:55
Operator : JU/SJ
Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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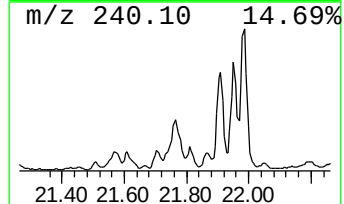
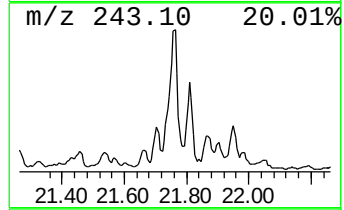
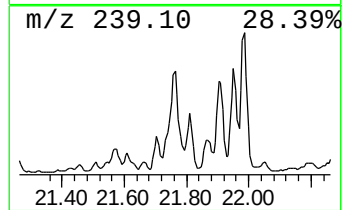
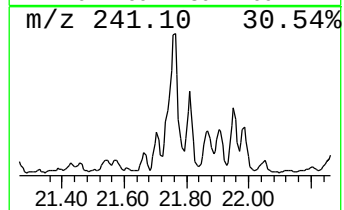
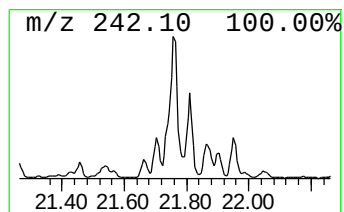
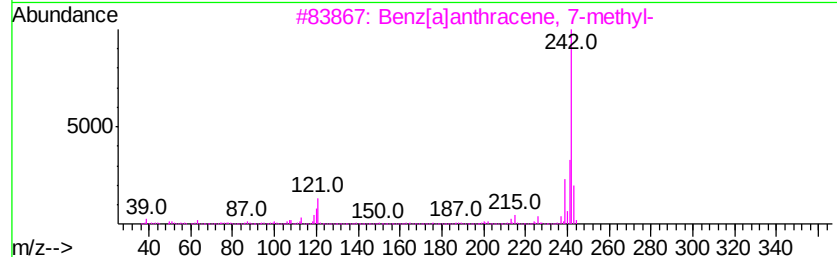
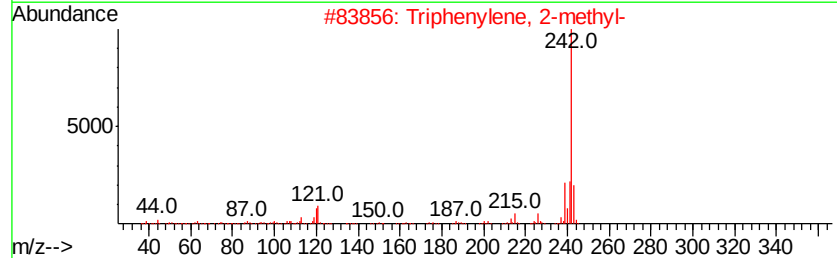
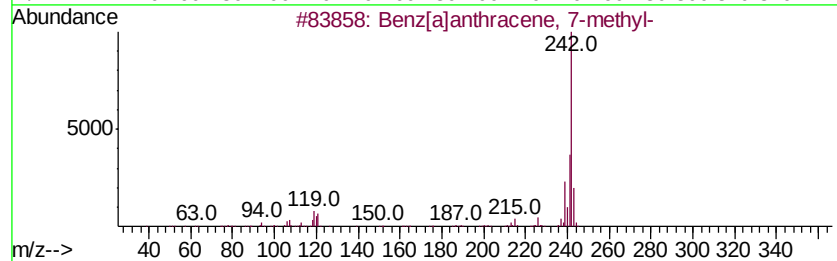
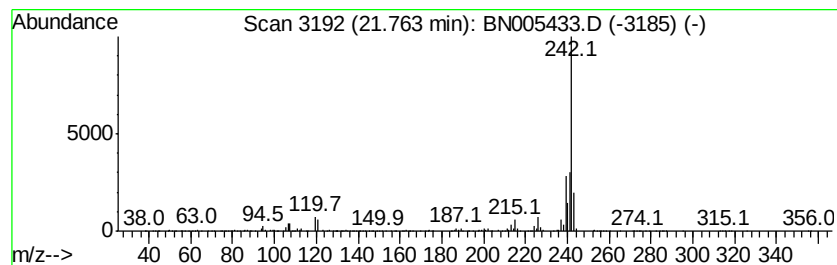
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benz[a]anthracene, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.29 ng/ul	2161890	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4			Chrysene, 2-methyl-	242	C19H14	003351-32-4	95
5			Chrysene, 1-methyl-	242	C19H14	003351-28-8	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005433.D
Acq On : 03 May 2019 01:55
Operator : JU/SJ
Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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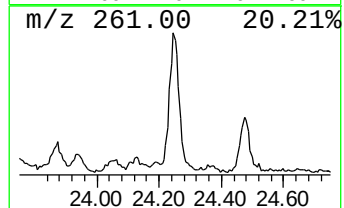
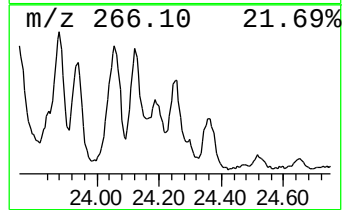
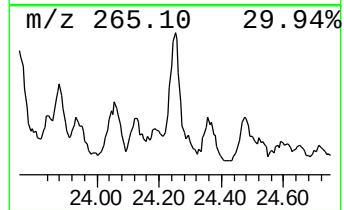
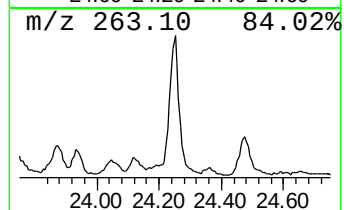
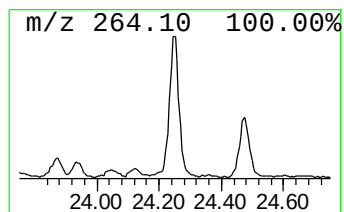
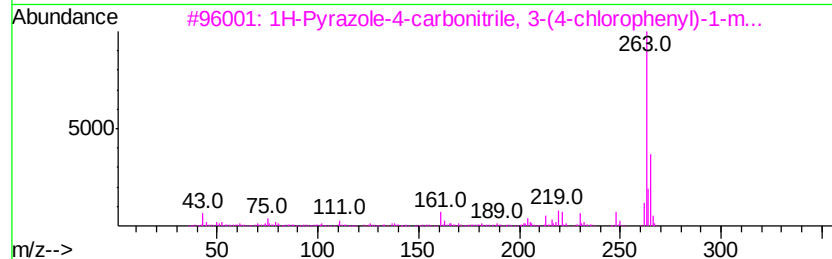
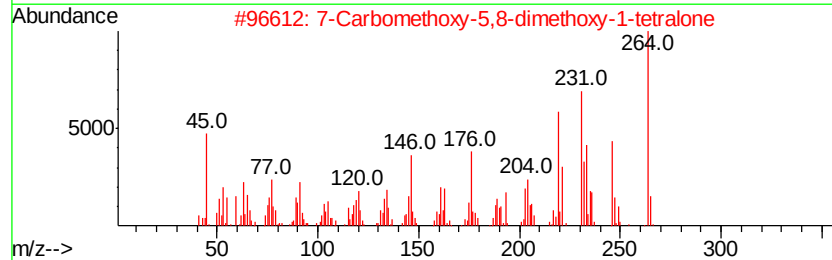
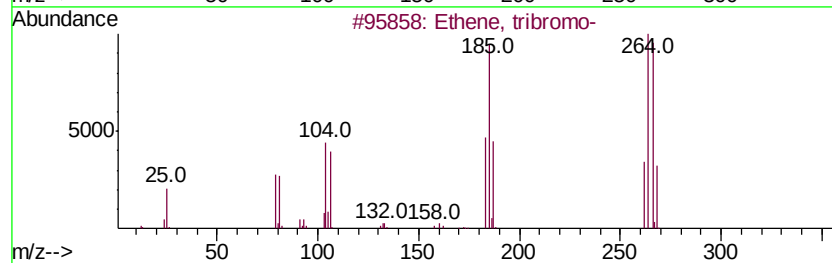
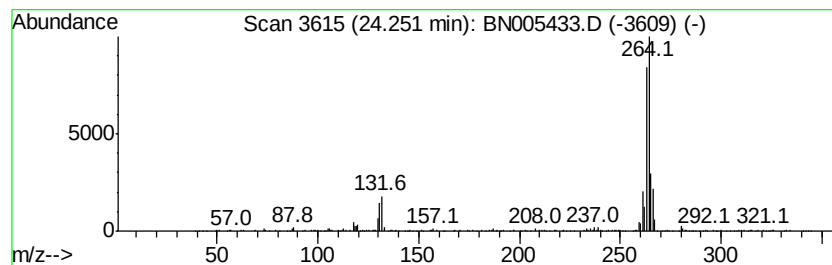
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.25	3.18 ng/ul	775754	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethene, tribromo-	262	C2HBr3	000598-16-3	27
2		7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	25
3		1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	25
4		2-Piperidinophenazine	263	C17H17N3	021942-84-7	12
5		9(10H)-Acridone, 4,5-dichloro-	263	C13H7Cl2N0	1000163-26-5	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005433.D
 Acq On : 03 May 2019 01:55
 Operator : JU/SJ
 Sample : K2603-05 5X
 Misc :
 ALS Vial : 18 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...	17.50	2.2	ng/ul	617758	4	16.98	5570540	20.0
Phenanthrene, 2-m...	17.86	3.4	ng/ul	942604	4	16.98	5570540	20.0
4H-Cyclopenta[def...	18.05	12.3	ng/ul	3419970	4	16.98	5570540	20.0
1H-Indene, 3-phenyl-	18.09	3.2	ng/ul	886459	4	16.98	5570540	20.0
2-Phenylnaphthalene	18.36	2.7	ng/ul	757226	4	16.98	5570540	20.0
Phenanthrene, 2,5...	18.79	8.2	ng/ul	2284050	4	16.98	5570540	20.0
unknown-01	18.85	5.2	ng/ul	1443450	4	16.98	5570540	20.0
Anthracene, 1,4-d...	18.88	2.1	ng/ul	578964	4	16.98	5570540	20.0
Cyclopenta(def)ph...	18.93	6.4	ng/ul	1771000	4	16.98	5570540	20.0
11H-Benzo[b]fluorene	19.76	3.3	ng/ul	2141970	5	21.21	13151800	20.0
Pyrene, 1-methyl-	19.89	2.6	ng/ul	1714710	5	21.21	13151800	20.0
Pyrene, 2-methyl-	20.23	2.4	ng/ul	1542170	5	21.21	13151800	20.0
7H-Benz[de]anthra...	21.42	2.4	ng/ul	1607690	5	21.21	13151800	20.0
Benz[a]anthracene...	21.76	3.3	ng/ul	2161890	5	21.21	13151800	20.0
unknown-02	24.25	3.2	ng/ul	775754	6	23.41	4886590	20.0