

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023662.D
 Acq On : 12 Aug 2016 19:03
 Operator : UM/SJ
 Sample : H4385-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS003-3642-01

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.484	107	110	115	rVB3	20446	30584	0.96%	0.081%
2	3.578	124	126	129	rBV4	7726	5862	0.18%	0.015%
3	3.907	178	182	183	rBV3	7502	8762	0.28%	0.023%
4	4.013	197	200	204	rBV6	12204	18980	0.60%	0.050%
5	4.236	235	238	242	rBV6	8001	12464	0.39%	0.033%
6	4.495	281	282	287	rVB4	5645	7536	0.24%	0.020%
7	4.542	287	290	293	rBV4	5643	7606	0.24%	0.020%
8	5.176	395	398	405	rVB6	10296	17462	0.55%	0.046%
9	5.317	420	422	426	rVB5	3732	4901	0.15%	0.013%
10	5.558	459	463	466	rBV4	5412	8242	0.26%	0.022%
11	5.634	474	476	478	rVB3	6738	5666	0.18%	0.015%
12	5.740	491	494	495	rBV3	5958	5028	0.16%	0.013%
13	5.893	516	520	521	rBV4	4412	5586	0.18%	0.015%
14	6.163	563	566	567	rVV2	6003	5185	0.16%	0.014%
15	6.181	567	569	573	rVB5	4812	6623	0.21%	0.017%
16	6.721	659	661	664	rVB4	4922	4800	0.15%	0.013%
17	7.056	716	718	720	rBV3	5141	5609	0.18%	0.015%
18	7.203	740	743	748	rBV4	4375	7703	0.24%	0.020%
19	7.273	748	755	766	rBV	415416	782874	24.62%	2.062%
20	7.426	773	781	789	rBV	344562	579689	18.23%	1.527%
21	7.643	811	818	829	rVB2	406705	723472	22.75%	1.906%
22	7.761	836	838	839	rBV2	6310	4977	0.16%	0.013%
23	7.966	870	873	875	rBV4	4657	6228	0.20%	0.016%
24	7.984	875	876	881	rVB4	4336	5471	0.17%	0.014%
25	8.113	891	898	906	rVV	458486	801280	25.19%	2.111%
26	8.483	958	961	962	rBV3	4652	4897	0.15%	0.013%
27	8.830	1013	1020	1030	rBV	493891	892111	28.05%	2.350%
28	9.012	1049	1051	1054	rVB3	4521	4886	0.15%	0.013%
29	9.294	1090	1099	1112	rBV	431364	786630	24.73%	2.072%
30	9.400	1115	1117	1121	rVV4	9759	13705	0.43%	0.036%
31	9.453	1124	1126	1131	rVB4	5962	6122	0.19%	0.016%
32	9.764	1177	1179	1181	rVB3	7070	6033	0.19%	0.016%
33	10.022	1216	1223	1230	rBV2	381398	691493	21.74%	1.822%
34	10.263	1261	1264	1266	rBV3	3975	5535	0.17%	0.015%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	10.575	1309	1317	1326	rBV	529399	1047879	32.95%	2.761%
36	10.951	1374	1381	1389	rBV	713208	1304821	41.03%	3.437%
37	11.003	1389	1390	1397	rVB2	19847	20428	0.64%	0.054%
38	11.092	1397	1405	1416	rBV	457850	896463	28.19%	2.362%
39	11.191	1421	1422	1426	rVB4	5817	4886	0.15%	0.013%
40	11.338	1445	1447	1450	rVB4	6282	4894	0.15%	0.013%
41	11.420	1459	1461	1467	rBV7	5238	8276	0.26%	0.022%
42	11.538	1477	1481	1483	rBV5	4008	5661	0.18%	0.015%
43	11.691	1505	1507	1509	rVB3	5615	4855	0.15%	0.013%
44	11.720	1509	1512	1514	rBV2	5385	5457	0.17%	0.014%
45	11.785	1520	1523	1526	rBV5	5268	8342	0.26%	0.022%
46	11.890	1537	1541	1543	rBV2	5844	6114	0.19%	0.016%
47	12.137	1579	1583	1587	rVV7	4318	7088	0.22%	0.019%
48	12.172	1587	1589	1593	rVB4	6677	8657	0.27%	0.023%
49	12.249	1599	1602	1603	rBV2	5075	4959	0.16%	0.013%
50	12.290	1603	1609	1610	rVV6	4880	5569	0.18%	0.015%
51	12.537	1647	1651	1655	rVB6	10413	18633	0.59%	0.049%
52	12.613	1659	1664	1669	rVB	30122	44488	1.40%	0.117%
53	12.830	1695	1701	1711	rVB2	42688	86885	2.73%	0.229%
54	13.012	1730	1732	1733	rBV2	6647	4876	0.15%	0.013%
55	13.212	1763	1766	1768	rBV4	5175	6289	0.20%	0.017%
56	13.271	1772	1776	1779	rBV6	6422	11547	0.36%	0.030%
57	13.371	1789	1793	1797	rVB4	10250	14501	0.46%	0.038%
58	13.430	1802	1803	1806	rVB3	7070	4921	0.15%	0.013%
59	13.612	1832	1834	1837	rBV4	6740	6967	0.22%	0.018%
60	13.659	1837	1842	1846	rVV2	39827	60667	1.91%	0.160%
61	13.788	1863	1864	1868	rBV3	5338	6301	0.20%	0.017%
62	13.946	1886	1891	1893	rBV2	30694	50452	1.59%	0.133%
63	14.029	1903	1905	1908	rVB4	8275	8150	0.26%	0.021%
64	14.105	1911	1918	1923	rBV4	73947	135825	4.27%	0.358%
65	14.181	1923	1931	1935	rVV	1197414	1854668	58.32%	4.886%
66	14.228	1935	1939	1947	rVB	602054	879212	27.64%	2.316%
67	14.340	1954	1958	1962	rBV3	34184	54719	1.72%	0.144%
68	14.481	1975	1982	1994	rBV	1318096	2153602	67.72%	5.674%
69	14.651	2007	2011	2017	rBV4	18706	27198	0.86%	0.072%
70	14.792	2023	2035	2041	rBV2	1343283	2168795	68.19%	5.714%
71	14.857	2043	2046	2053	rVB7	23276	38874	1.22%	0.102%

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72	15.010	2065	2072	2089	rBV	446911	1005409	31.61%	2.649%
73	15.186	2098	2102	2108	rVB4	58315	100660	3.17%	0.265%
74	15.256	2111	2114	2120	rVB4	52525	79829	2.51%	0.210%
75	15.397	2134	2138	2144	rBV4	36024	64849	2.04%	0.171%
76	15.456	2145	2148	2151	rVB2	32197	37832	1.19%	0.100%
77	15.562	2160	2166	2167	rBV5	37909	62852	1.98%	0.166%
78	15.609	2171	2174	2179	rVB2	73515	96062	3.02%	0.253%
79	15.662	2181	2183	2188	rVB6	18418	25898	0.81%	0.068%
80	15.785	2198	2204	2210	rBV	1711592	2675613	84.13%	7.049%
81	15.838	2210	2213	2219	rVB4	53767	79759	2.51%	0.210%
82	15.914	2221	2226	2236	rBV	539638	850730	26.75%	2.241%
83	16.108	2257	2259	2260	rBV2	15576	11913	0.37%	0.031%
84	16.478	2318	2322	2324	rBV	77732	104636	3.29%	0.276%
85	16.901	2391	2394	2399	rVB2	37912	50849	1.60%	0.134%
86	17.277	2454	2458	2463	rVB2	61932	81146	2.55%	0.214%
87	17.371	2471	2474	2479	rVB	82713	121565	3.82%	0.320%
88	17.553	2499	2505	2509	rBV2	1763695	2729409	85.82%	7.190%
89	17.600	2509	2513	2517	rVV	587198	902593	28.38%	2.378%
90	17.659	2517	2523	2533	rVB	1797626	2951592	92.81%	7.776%
91	18.141	2601	2605	2613	rVB3	129918	214292	6.74%	0.565%
92	18.429	2649	2654	2659	rBV2	496350	892178	28.05%	2.350%
93	18.482	2660	2663	2672	rVB2	346606	536151	16.86%	1.412%
94	18.622	2683	2687	2691	rBV3	241643	432305	13.59%	1.139%
95	18.664	2692	2694	2700	rVB	220442	272452	8.57%	0.718%
96	18.928	2736	2739	2743	rBV	114508	151526	4.76%	0.399%
97	19.345	2806	2810	2815	rBV	269963	369219	11.61%	0.973%
98	19.609	2851	2855	2861	rVB	485137	700224	22.02%	1.845%
99	19.950	2908	2913	2916	rBV	2071845	3180372	100.00%	8.379%
100	21.883	3237	3242	3247	rVB2	1562601	2710792	85.24%	7.141%

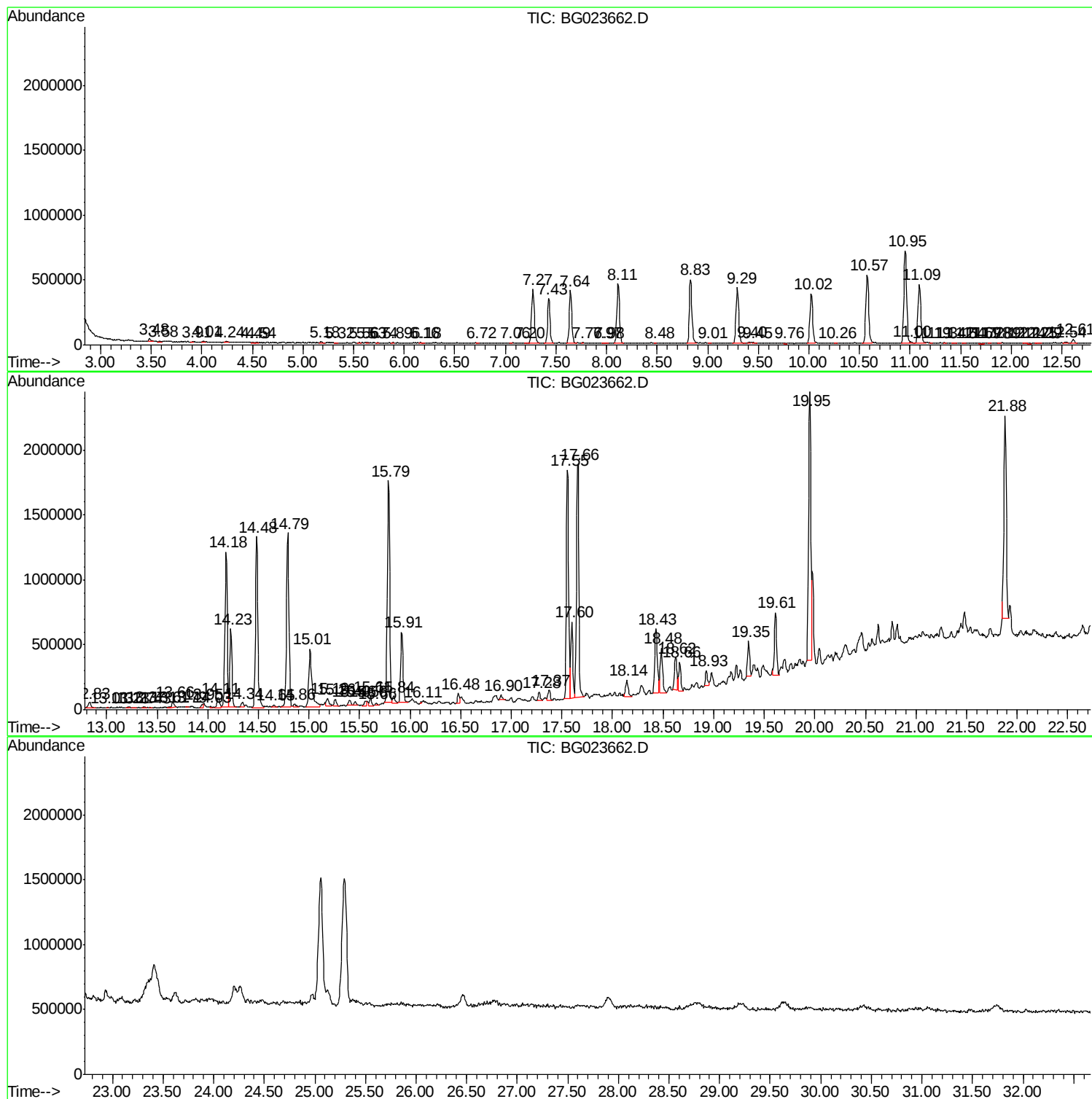
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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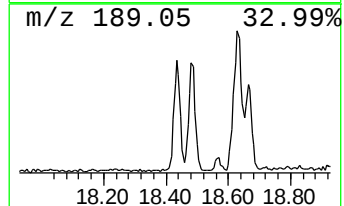
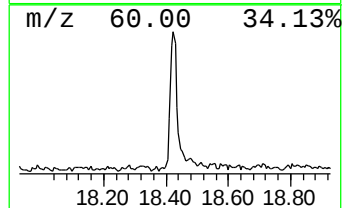
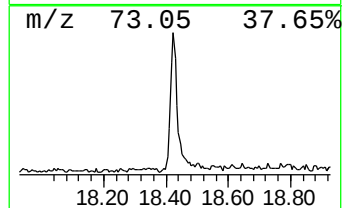
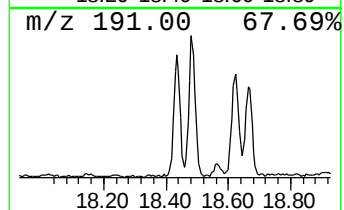
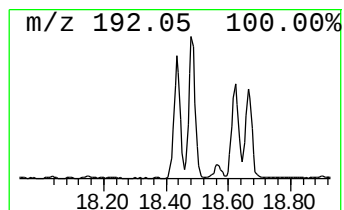
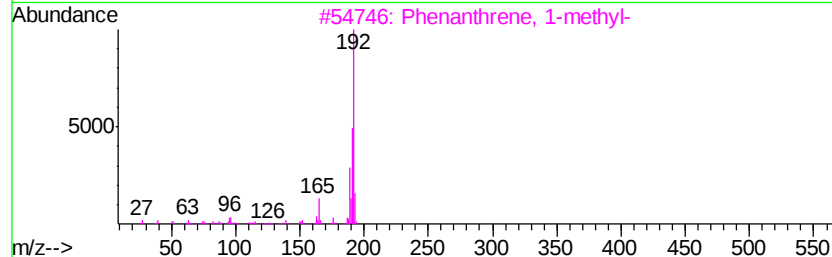
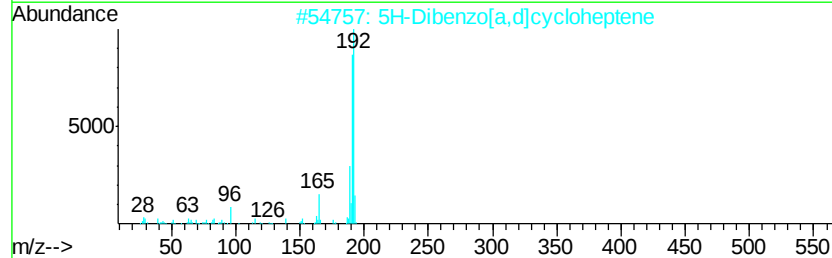
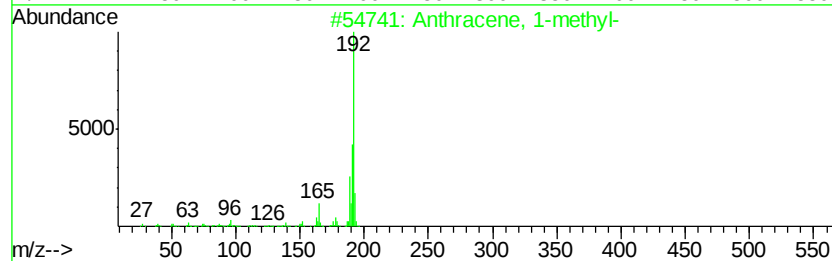
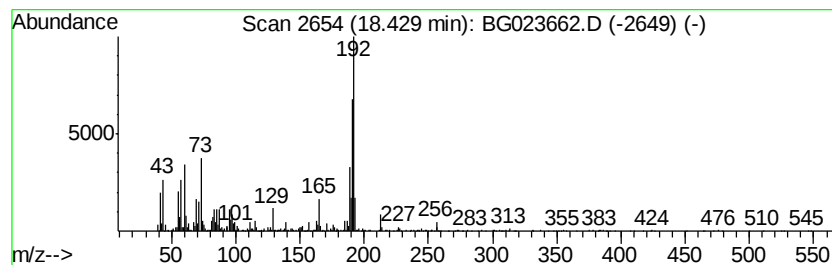
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.43	6.54 ng/ul	892178	Phenanthrene-d10		17.55
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



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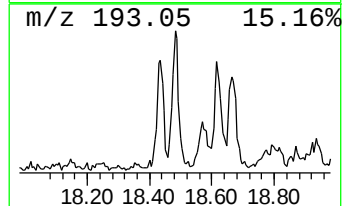
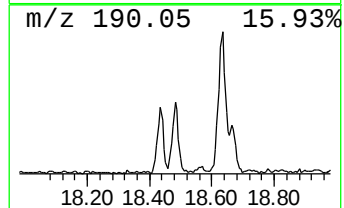
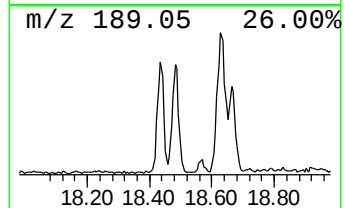
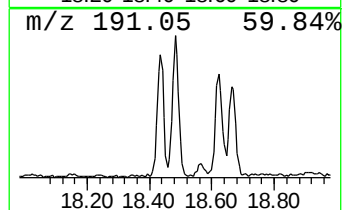
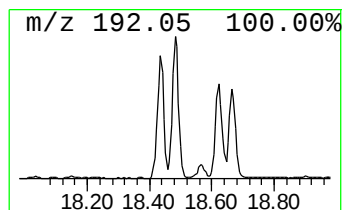
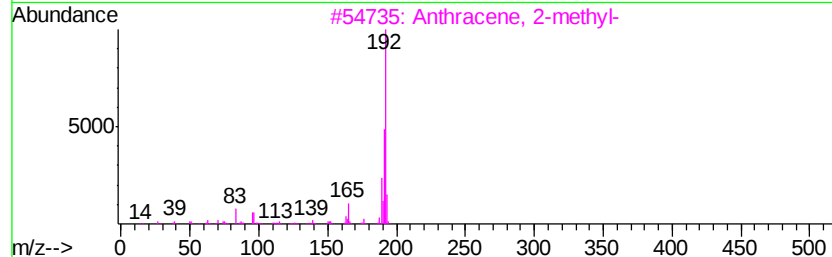
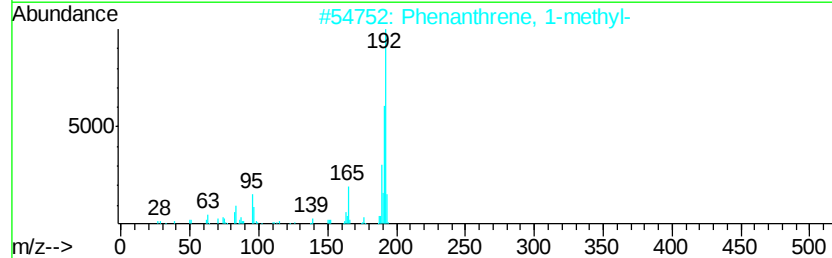
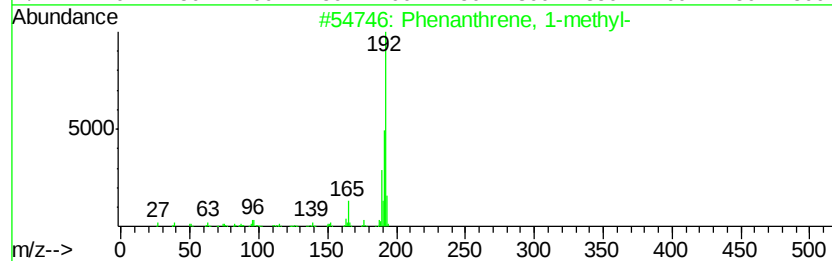
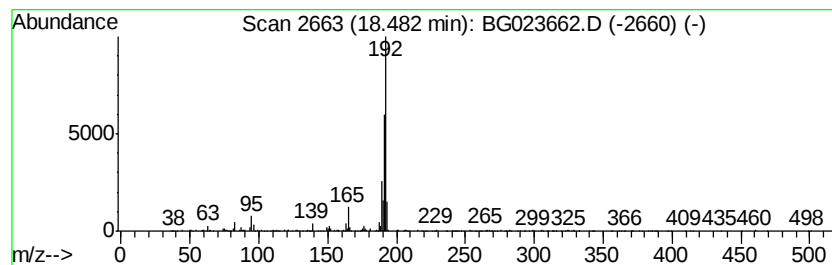
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.48	3.93 ng/ul	536151	Phenanthrene-d10	17.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90	
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90	
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90	
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87	



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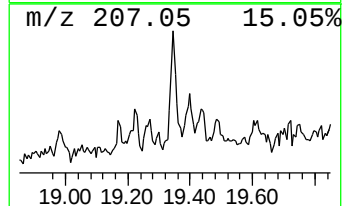
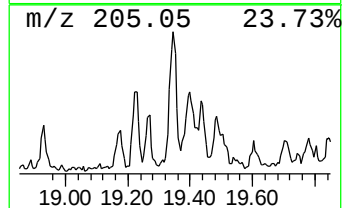
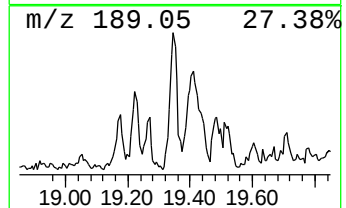
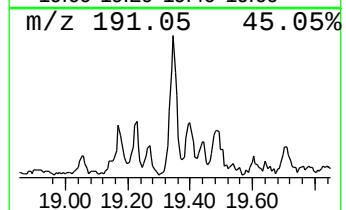
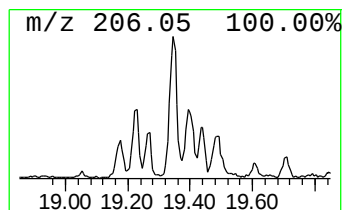
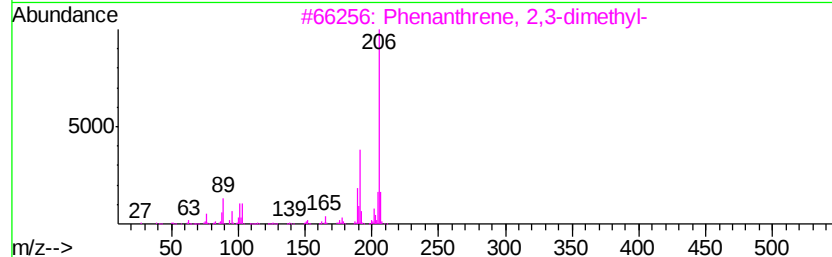
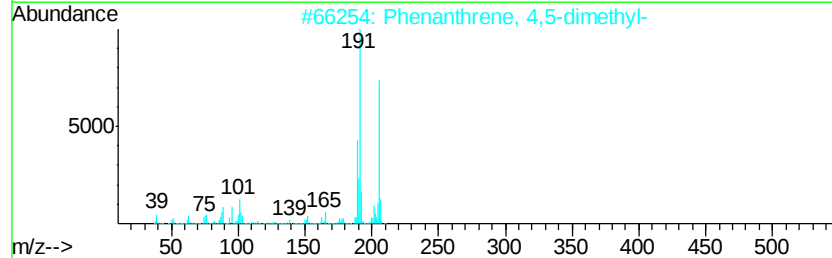
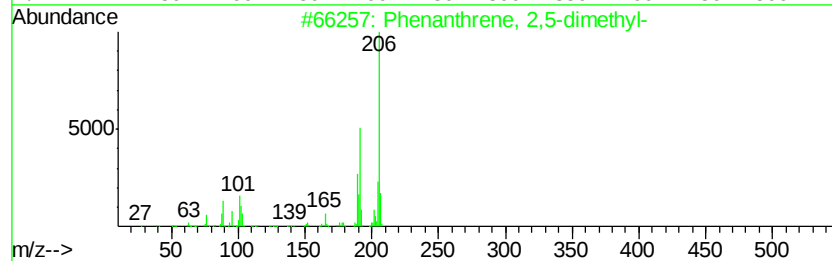
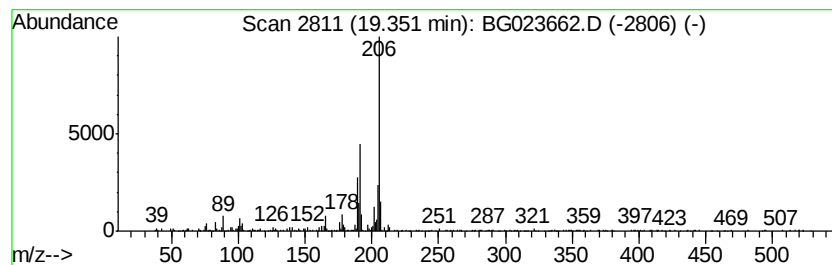
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Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.71 ng/ul	369219	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023662.D
Acq On : 12 Aug 2016 19:03
Operator : UM/SJ
Sample : H4385-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-met...	18.43	6.5	ng/ul	892178	4	17.55	2729410	20.0
Phenanthrene, 1-m...	18.48	3.9	ng/ul	536151	4	17.55	2729410	20.0
Phenanthrene, 2,5...	19.35	2.7	ng/ul	369219	4	17.55	2729410	20.0