

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020464.D
 Acq On : 24 Dec 2015 4:40
 Operator : UM/SJ
 Sample : G4848-17MEDL 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N63MEDL

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-BG121415.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	3.102	42	45	55	rVV3	9367	18002	2.94%	0.375%
2	3.184	56	59	64	rVB2	6879	8979	1.47%	0.187%
3	7.244	746	750	755	rBV2	1954	3279	0.54%	0.068%
4	7.403	773	777	782	rBB	2135	3467	0.57%	0.072%
5	7.620	807	814	818	rBB3	2279	3873	0.63%	0.081%
6	8.085	885	893	901	rBV	57827	100890	16.49%	2.101%
7	8.795	1010	1014	1021	rBB	1846	3432	0.56%	0.071%
8	9.248	1087	1091	1101	rBB2	2694	5042	0.82%	0.105%
9	9.976	1212	1215	1220	rBB2	1646	2369	0.39%	0.049%
10	10.523	1304	1308	1315	rBB	2679	5093	0.83%	0.106%
11	10.899	1364	1372	1377	rBV	89980	164221	26.85%	3.419%
12	10.952	1377	1381	1389	rVB	59418	98680	16.13%	2.055%
13	11.046	1392	1397	1399	rBV	1582	2321	0.38%	0.048%
14	12.550	1647	1653	1662	rBB	41345	69260	11.32%	1.442%
15	12.767	1683	1690	1696	rVB	22005	33606	5.49%	0.700%
16	13.549	1818	1823	1832	rBB	15640	23318	3.81%	0.485%
17	13.743	1851	1856	1865	rBB	3862	7112	1.16%	0.148%
18	13.878	1873	1879	1880	rBV	5822	7621	1.25%	0.159%
19	14.036	1900	1906	1911	rBV2	9271	15984	2.61%	0.333%
20	14.113	1911	1919	1923	rVV2	10839	23404	3.83%	0.487%
21	14.160	1923	1927	1932	rVB	2002	2811	0.46%	0.059%
22	14.271	1942	1946	1949	rBV2	3397	4169	0.68%	0.087%
23	14.407	1963	1969	1979	rBB2	10905	23367	3.82%	0.487%
24	14.718	2012	2022	2027	rBV2	162476	268797	43.94%	5.597%
25	14.777	2027	2032	2040	rVV	109808	173409	28.35%	3.611%
26	14.853	2040	2045	2049	rVV	2641	3625	0.59%	0.075%
27	15.023	2071	2074	2079	rVB	2584	3365	0.55%	0.070%
28	15.112	2081	2089	2097	rBV	73760	110265	18.03%	2.296%
29	15.182	2097	2101	2106	rVB2	1601	2275	0.37%	0.047%
30	15.323	2120	2125	2129	rBB2	1440	1970	0.32%	0.041%
31	15.705	2182	2190	2194	rVV2	17883	26677	4.36%	0.555%
32	15.764	2194	2200	2210	rVB	101907	157794	25.80%	3.285%
33	15.858	2210	2216	2218	rBV	2975	5490	0.90%	0.114%
34	15.881	2218	2220	2223	rVV2	6220	7557	1.24%	0.157%

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35	15.922	2223	2227	2232	rVV2	10027	15933	2.60%	0.332%
36	15.969	2232	2235	2238	rVV2	1965	2872	0.47%	0.060%
37	16.011	2238	2242	2245	rVV	5426	7761	1.27%	0.162%
38	16.052	2245	2249	2255	rVB	11256	16357	2.67%	0.341%
39	16.199	2267	2274	2283	rVB	12751	26932	4.40%	0.561%
40	16.293	2283	2290	2294	rBV2	1798	3395	0.56%	0.071%
41	16.557	2330	2335	2340	rBV	5719	8079	1.32%	0.168%
42	16.763	2358	2370	2374	rVV3	9630	18561	3.03%	0.386%
43	16.810	2374	2378	2383	rVV3	3214	4945	0.81%	0.103%
44	16.909	2390	2395	2400	rVB5	3692	5608	0.92%	0.117%
45	16.986	2401	2408	2412	rBV2	2811	5740	0.94%	0.120%
46	17.027	2412	2415	2419	rVV3	3477	5306	0.87%	0.110%
47	17.186	2437	2442	2449	rBV4	4201	10519	1.72%	0.219%
48	17.280	2453	2458	2464	rVB	24804	32988	5.39%	0.687%
49	17.462	2483	2489	2492	rBV	220815	330596	54.05%	6.883%
50	17.503	2492	2496	2502	rVV	410647	611679	100.00%	12.736%
51	17.562	2502	2506	2508	rVV2	24055	35485	5.80%	0.739%
52	17.591	2508	2511	2516	rVV	32404	46389	7.58%	0.966%
53	17.650	2516	2521	2527	rVB4	2195	5073	0.83%	0.106%
54	17.861	2546	2557	2567	rBV2	14815	28251	4.62%	0.588%
55	17.973	2572	2576	2583	rVB3	5110	8014	1.31%	0.167%
56	18.049	2584	2589	2591	rBV2	2004	3339	0.55%	0.070%
57	18.179	2606	2611	2617	rVB	1723	3147	0.51%	0.066%
58	18.331	2631	2637	2642	rBV	23505	35792	5.85%	0.745%
59	18.384	2642	2646	2652	rVB2	32490	45148	7.38%	0.940%
60	18.461	2653	2659	2665	rBV2	8887	14007	2.29%	0.292%
61	18.531	2665	2671	2675	rBV2	47480	78460	12.83%	1.634%
62	18.678	2691	2696	2702	rBV4	1637	2976	0.49%	0.062%
63	18.825	2717	2721	2726	rVV	18827	25961	4.24%	0.541%
64	18.878	2726	2730	2733	rVB3	1811	2554	0.42%	0.053%
65	18.948	2739	2742	2746	rVB2	1507	2055	0.34%	0.043%
66	19.078	2759	2764	2768	rVB2	2797	3888	0.64%	0.081%
67	19.125	2768	2772	2775	rBV2	2229	2955	0.48%	0.062%
68	19.166	2775	2779	2782	rVB2	1959	2858	0.47%	0.060%
69	19.242	2786	2792	2796	rBV	4918	8070	1.32%	0.168%
70	19.307	2797	2803	2811	rVB5	3962	9701	1.59%	0.202%
71	19.506	2831	2837	2844	rVV	267934	377192	61.67%	7.853%

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72	19.565	2844	2847	2850	rVV4	2791	3868	0.63%	0.081%
73	19.600	2850	2853	2857	rVV2	3734	4385	0.72%	0.091%
74	19.753	2875	2879	2887	rVB2	5788	10023	1.64%	0.209%
75	19.841	2888	2894	2896	rBV4	66069	108772	17.78%	2.265%
76	19.871	2896	2899	2907	rVV	169847	233049	38.10%	4.852%
77	19.935	2907	2910	2917	rVB2	6920	9827	1.61%	0.205%
78	20.047	2924	2929	2936	rBV	7617	11854	1.94%	0.247%
79	20.106	2936	2939	2942	rBV2	2114	3201	0.52%	0.067%
80	20.188	2947	2953	2959	rBV3	7586	17800	2.91%	0.371%
81	20.247	2959	2963	2968	rVB2	2999	4193	0.69%	0.087%
82	20.358	2977	2982	2986	rVB	24829	36447	5.96%	0.759%
83	20.458	2994	2999	3003	rBV	29002	41205	6.74%	0.858%
84	20.517	3004	3009	3012	rVV3	7629	12885	2.11%	0.268%
85	20.552	3012	3015	3019	rVB2	3857	5279	0.86%	0.110%
86	20.658	3029	3033	3037	rBV2	3091	4532	0.74%	0.094%
87	20.705	3037	3041	3045	rVB2	3751	4942	0.81%	0.103%
88	20.887	3068	3072	3076	rBV	3085	4100	0.67%	0.085%
89	21.075	3101	3104	3106	rBV4	1946	2281	0.37%	0.047%
90	21.310	3140	3144	3147	rBV2	5522	6660	1.09%	0.139%
91	21.357	3148	3152	3156	rVV	5783	7048	1.15%	0.147%
92	21.404	3156	3160	3166	rVB3	5123	8396	1.37%	0.175%
93	21.733	3207	3216	3221	rBV2	281845	506135	82.75%	10.538%
94	21.780	3221	3224	3231	rVB	30341	45816	7.49%	0.954%
95	21.933	3245	3250	3256	rBV3	6779	13027	2.13%	0.271%
96	22.691	3375	3379	3383	rVB5	2291	3506	0.57%	0.073%
97	23.960	3589	3595	3603	rBV4	6958	21661	3.54%	0.451%
98	24.213	3636	3638	3645	rVB3	2133	3643	0.60%	0.076%
99	24.771	3726	3733	3741	rBV	10553	28370	4.64%	0.591%
100	25.000	3761	3772	3783	rBV2	131709	399870	65.37%	8.326%

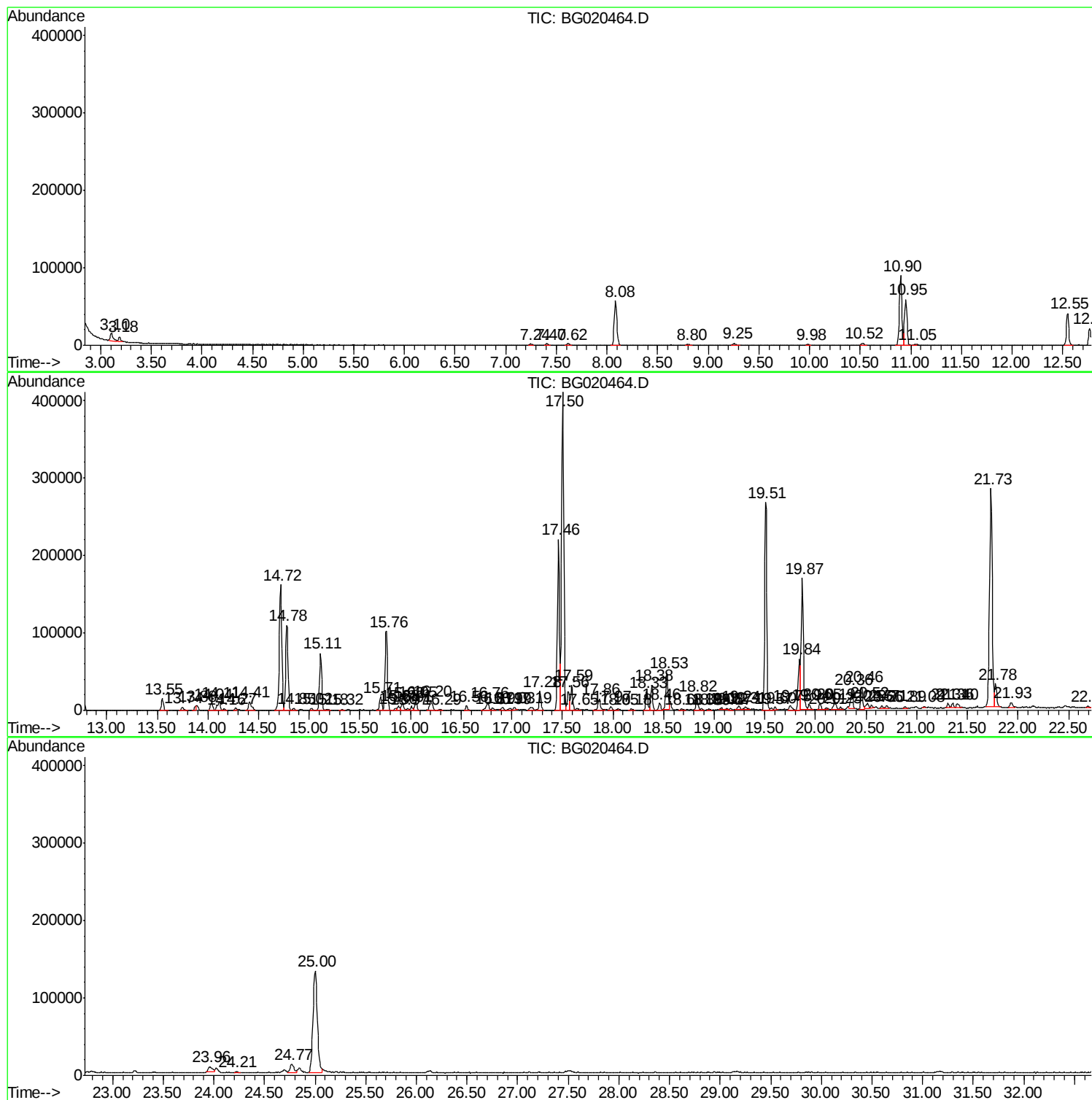
Sum of corrected areas: 4802885

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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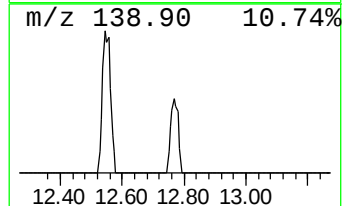
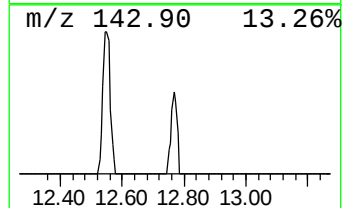
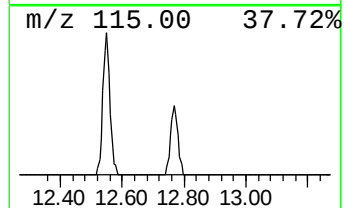
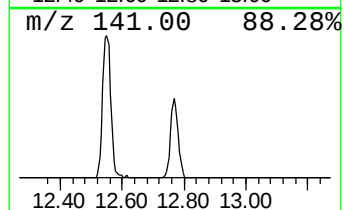
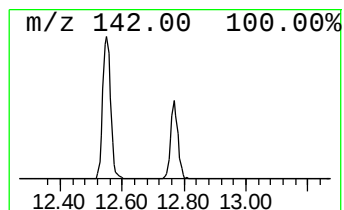
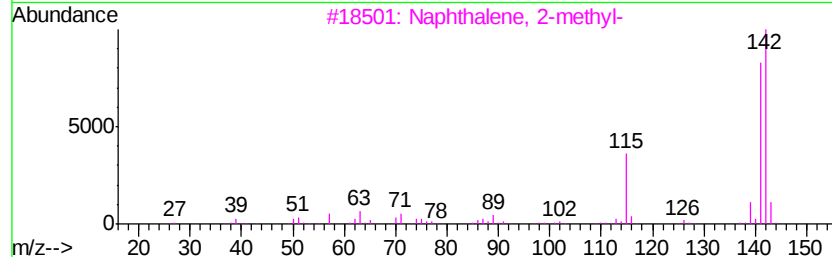
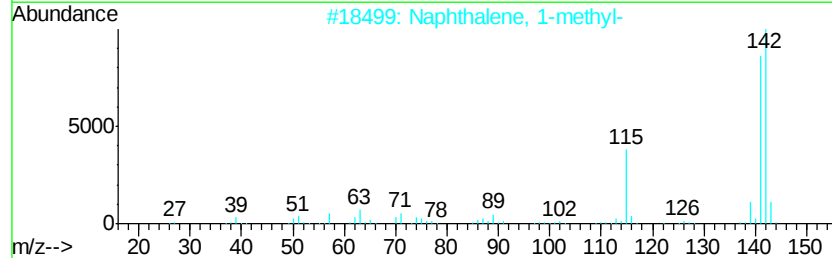
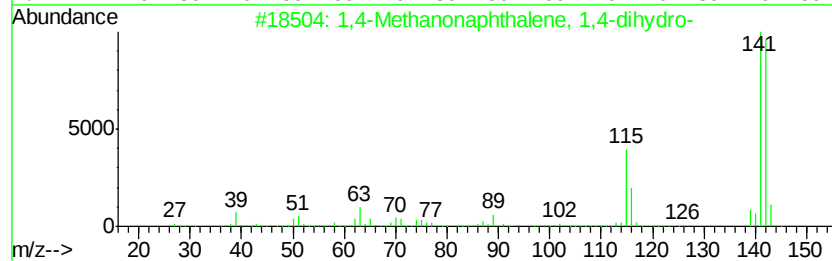
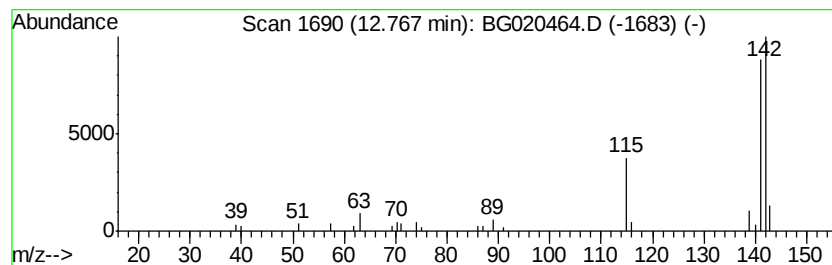
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.09 ng/ul	33606	Naphthalene-d8	10.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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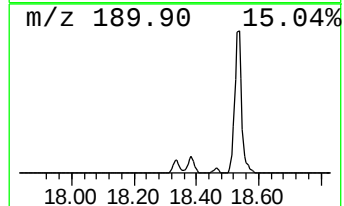
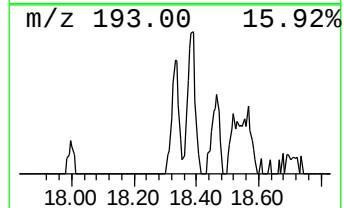
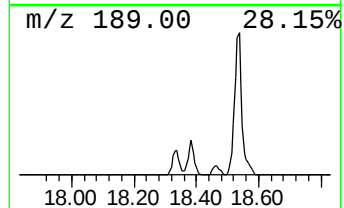
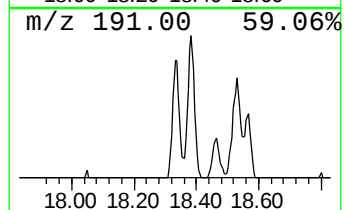
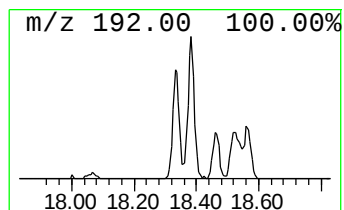
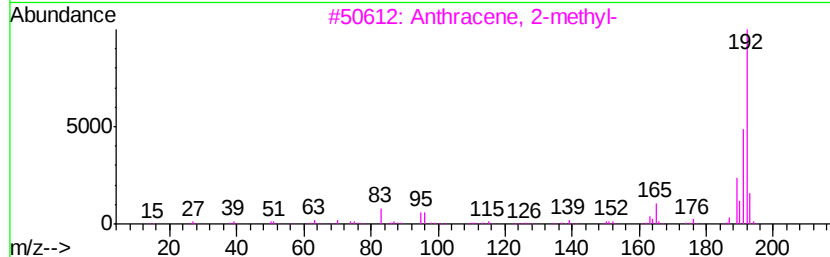
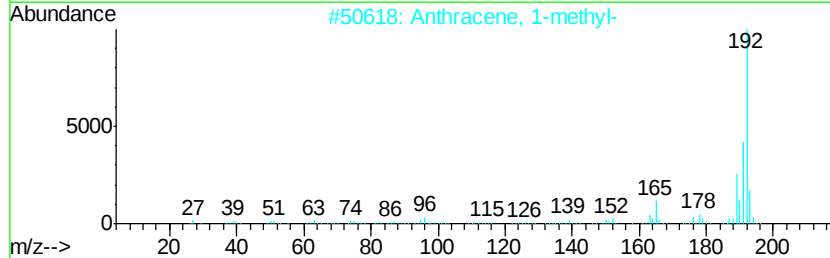
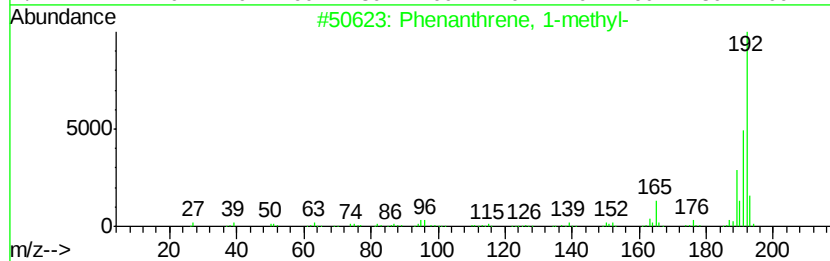
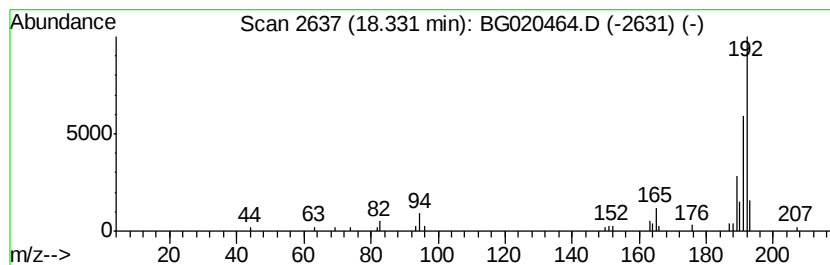
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.17 ng/ul	35792	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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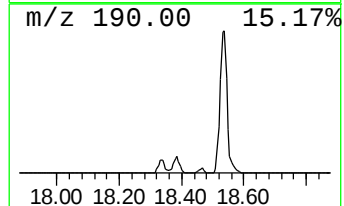
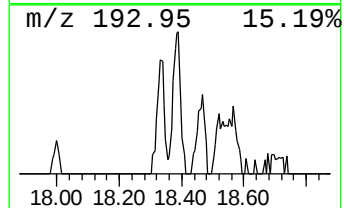
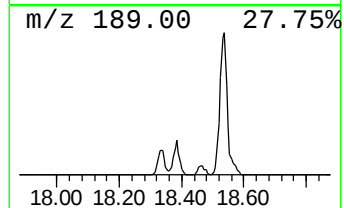
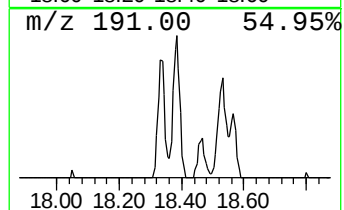
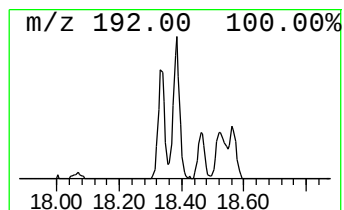
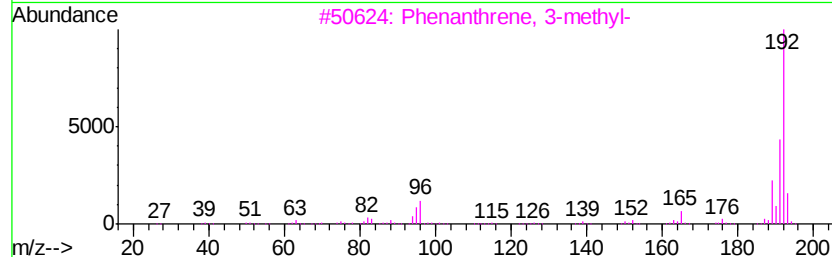
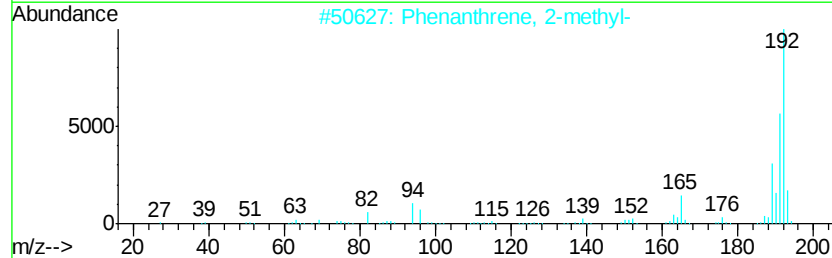
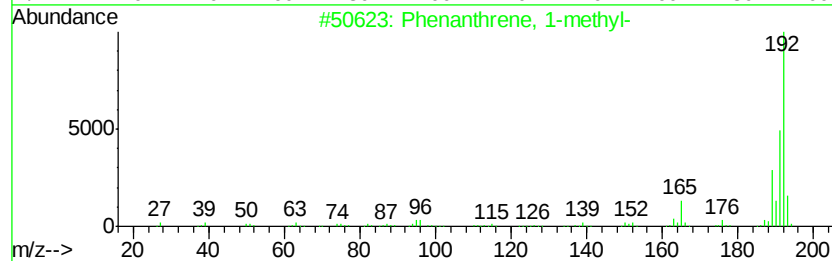
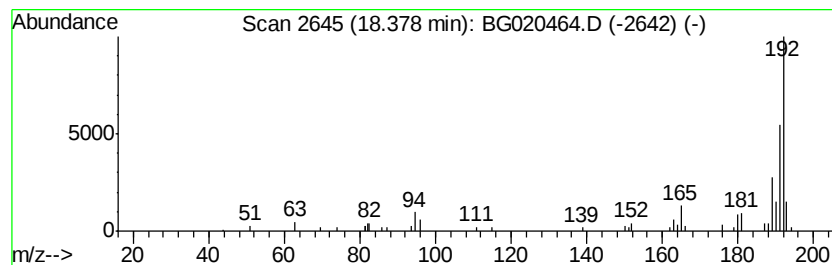
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.73 ng/ul	45148	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020464.D
Acq On : 24 Dec 2015 4:40
Operator : UM/SJ
Sample : G4848-17MEDL 10X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N63MEDL

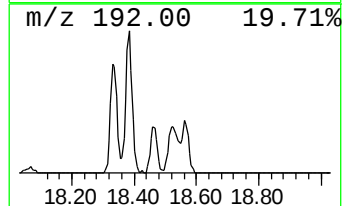
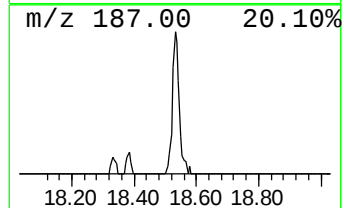
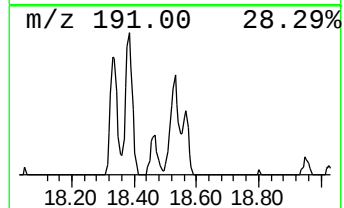
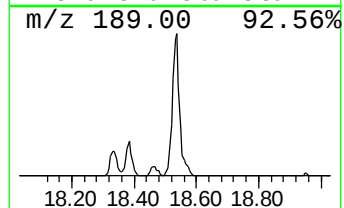
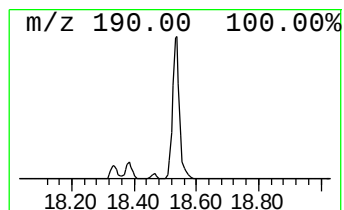
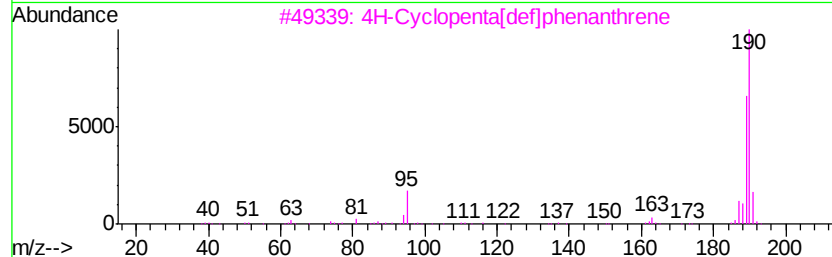
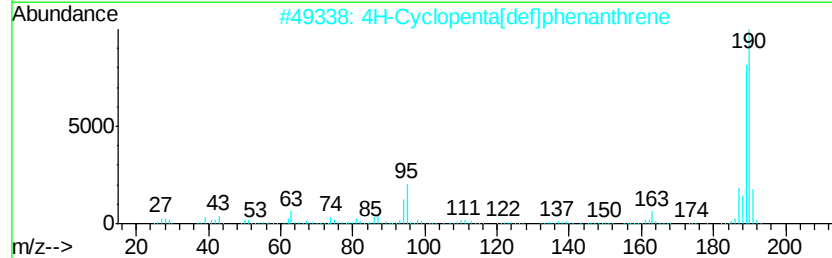
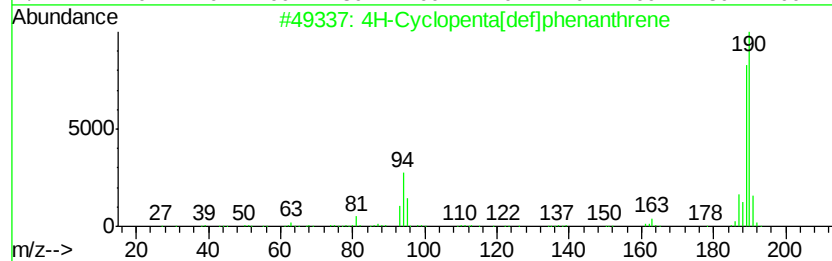
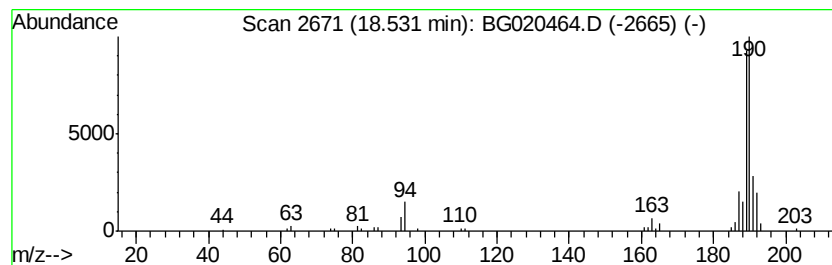
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	4.75 ng/ul	78460	Phenanthrene-d10	17.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	40
5		Methyl diselenide	190	C2H6Se2	007101-31-7	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020464.D
Acq On : 24 Dec 2015 4:40
Operator : UM/SJ
Sample : G4848-17MEDL 10X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N63MEDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,4-Methanonaphth...	12.77	4.1	ng/ul	33606	2	10.90	164221	20.0
Phenanthrene, 1-m...	18.33	2.2	ng/ul	35792	4	17.46	330596	20.0
Phenanthrene, 2-m...	18.38	2.7	ng/ul	45148	4	17.46	330596	20.0
4H-Cyclopenta[def...	18.53	4.8	ng/ul	78460	4	17.46	330596	20.0