

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
 Data File : BG020823.D
 Acq On : 9 Feb 2016 18:45
 Operator : SJ/UM
 Sample : H1371-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04L6

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-BG020816.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	3.254	65	71	80	rBV2	76400	155686	46.14%	3.668%
2	3.331	80	84	90	rVB	67105	89223	26.44%	2.102%
3	3.607	127	131	135	rVB2	1936	2390	0.71%	0.056%
4	4.047	202	206	211	rBV	2553	3617	1.07%	0.085%
5	4.147	218	223	229	rBV	11808	17844	5.29%	0.420%
6	4.229	233	237	240	rVB2	1248	2093	0.62%	0.049%
7	4.388	260	264	271	rVB3	1131	1661	0.49%	0.039%
8	4.605	297	301	306	rVB	4345	5962	1.77%	0.140%
9	5.022	369	372	378	rVB2	2733	3941	1.17%	0.093%
10	5.328	418	424	429	rVB3	2546	4087	1.21%	0.096%
11	5.410	435	438	444	rVB5	2238	4075	1.21%	0.096%
12	5.874	513	517	523	rVB2	923	1758	0.52%	0.041%
13	7.407	772	778	787	rVB	39921	65154	19.31%	1.535%
14	7.584	801	808	815	rVB	41372	65810	19.50%	1.551%
15	7.795	837	844	851	rVB	28284	47286	14.01%	1.114%
16	7.877	855	858	862	rVB2	1376	1839	0.54%	0.043%
17	8.271	914	925	932	rBV	80672	138653	41.09%	3.267%
18	8.964	1037	1043	1051	rVB	42646	68351	20.25%	1.611%
19	9.440	1118	1124	1130	rBV	44762	77233	22.89%	1.820%
20	9.493	1130	1133	1136	rVV3	1691	2183	0.65%	0.051%
21	10.168	1243	1248	1254	rVB	9192	14209	4.21%	0.335%
22	10.709	1332	1340	1347	rBV	28860	46374	13.74%	1.093%
23	11.050	1393	1398	1400	rBV3	1903	3087	0.91%	0.073%
24	11.102	1400	1407	1413	rVV	134003	240918	71.39%	5.677%
25	11.149	1413	1415	1420	rVV2	1907	2777	0.82%	0.065%
26	11.226	1421	1428	1438	rVB	53386	98863	29.30%	2.330%
27	12.095	1571	1576	1579	rBB2	3068	4047	1.20%	0.095%
28	12.477	1637	1641	1645	rBV	2574	3515	1.04%	0.083%
29	12.736	1679	1685	1690	rVB	4345	6034	1.79%	0.142%
30	12.947	1717	1721	1727	rBB2	3599	5955	1.76%	0.140%
31	13.023	1731	1734	1738	rBV	1623	2040	0.60%	0.048%
32	13.253	1767	1773	1776	rBV2	780	1563	0.46%	0.037%
33	13.411	1796	1800	1804	rVB2	1935	2381	0.71%	0.056%
34	13.699	1841	1849	1856	rBV2	6149	9634	2.85%	0.227%

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35	14.057	1905	1910	1916	rBB2	2003	4650	1.38%	0.110%
36	14.163	1923	1928	1931	rBV	1501	1867	0.55%	0.044%
37	14.210	1931	1936	1941	rVV4	6518	10557	3.13%	0.249%
38	14.281	1941	1948	1952	rVV	121800	174924	51.84%	4.122%
39	14.328	1952	1956	1963	rVV	55898	83258	24.67%	1.962%
40	14.386	1963	1966	1972	rVV	1447	2416	0.72%	0.057%
41	14.445	1972	1976	1978	rVV2	2452	3321	0.98%	0.078%
42	14.463	1978	1979	1984	rVV2	1850	1955	0.58%	0.046%
43	14.580	1992	1999	2009	rVB	148021	233666	69.24%	5.506%
44	14.756	2025	2029	2034	rVB	14970	19015	5.63%	0.448%
45	14.886	2038	2051	2058	rVV2	211009	336643	99.76%	7.932%
46	14.956	2058	2063	2066	rVB3	3094	4717	1.40%	0.111%
47	15.085	2081	2085	2091	rVB2	1764	3098	0.92%	0.073%
48	15.203	2102	2105	2107	rVV3	2168	3027	0.90%	0.071%
49	15.273	2111	2117	2121	rBV5	5114	9319	2.76%	0.220%
50	15.350	2127	2130	2132	rBV2	2951	4027	1.19%	0.095%
51	15.438	2143	2145	2150	rVB	2732	2934	0.87%	0.069%
52	15.491	2150	2154	2159	rVB	2792	4165	1.23%	0.098%
53	15.544	2159	2163	2167	rBV2	3532	5327	1.58%	0.126%
54	15.596	2167	2172	2176	rVB3	1016	1790	0.53%	0.042%
55	15.661	2178	2183	2186	rBV2	5638	8776	2.60%	0.207%
56	15.702	2186	2190	2196	rVB	19523	23841	7.06%	0.562%
57	15.755	2196	2199	2200	rBV	1877	1959	0.58%	0.046%
58	15.790	2204	2205	2210	rBV3	1467	1593	0.47%	0.038%
59	15.872	2210	2219	2225	rBV	191465	284866	84.42%	6.712%
60	15.919	2225	2227	2230	rVB3	2627	1907	0.57%	0.045%
61	16.049	2244	2249	2251	rBV3	1593	1651	0.49%	0.039%
62	16.107	2251	2259	2263	rBV5	6056	12541	3.72%	0.296%
63	16.149	2263	2266	2269	rVB2	1535	1617	0.48%	0.038%
64	16.207	2272	2276	2281	rVB4	2835	4381	1.30%	0.103%
65	16.254	2282	2284	2288	rVB3	1658	1750	0.52%	0.041%
66	16.325	2292	2296	2299	rBV3	3044	3637	1.08%	0.086%
67	16.372	2299	2304	2305	rBV3	2048	2897	0.86%	0.068%
68	16.454	2315	2318	2322	rVB3	1790	2424	0.72%	0.057%
69	16.560	2331	2336	2339	rBV	18580	25220	7.47%	0.594%
70	16.801	2373	2377	2382	rBV6	1592	3155	0.93%	0.074%
71	16.901	2390	2394	2395	rBV3	4051	4025	1.19%	0.095%

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72	16.971	2402	2406	2411	rVB3	5030	6460	1.91%	0.152%
73	17.012	2411	2413	2417	rVB3	1736	2017	0.60%	0.048%
74	17.071	2419	2423	2427	rVB4	4294	5395	1.60%	0.127%
75	17.141	2432	2435	2440	rBV5	2897	5386	1.60%	0.127%
76	17.276	2453	2458	2465	rBV3	5786	11360	3.37%	0.268%
77	17.353	2466	2471	2476	rVV2	15476	21163	6.27%	0.499%
78	17.406	2476	2480	2483	rVV5	5053	7896	2.34%	0.186%
79	17.441	2483	2486	2492	rVB3	5165	6452	1.91%	0.152%
80	17.623	2510	2517	2521	rBV	222061	333611	98.86%	7.861%
81	17.664	2521	2524	2528	rVV	47323	65717	19.47%	1.549%
82	17.723	2528	2534	2544	rVV	181857	276586	81.96%	6.517%
83	17.811	2544	2549	2554	rVB2	5621	10605	3.14%	0.250%
84	17.852	2554	2556	2559	rBV4	1460	1581	0.47%	0.037%
85	17.882	2559	2561	2562	rVV2	2353	2029	0.60%	0.048%
86	17.899	2562	2564	2567	rVV4	4171	5040	1.49%	0.119%
87	17.929	2567	2569	2575	rVB2	4002	6259	1.85%	0.147%
88	18.017	2581	2584	2587	rBV	4996	6302	1.87%	0.148%
89	18.093	2593	2597	2600	rVB5	8803	10885	3.23%	0.256%
90	18.199	2612	2615	2620	rVB3	7627	10114	3.00%	0.238%
91	18.492	2659	2665	2668	rBV	18019	29674	8.79%	0.699%
92	18.539	2668	2673	2680	rVB4	26459	44135	13.08%	1.040%
93	18.675	2691	2696	2700	rBV5	14385	26182	7.76%	0.617%
94	18.774	2709	2713	2719	rBV6	7199	13410	3.97%	0.316%
95	18.833	2719	2723	2725	rVV5	4490	5400	1.60%	0.127%
96	18.980	2744	2748	2751	rBV	13929	18977	5.62%	0.447%
97	19.391	2814	2818	2822	rVB2	19054	27243	8.07%	0.642%
98	19.656	2858	2863	2868	rBV	83222	121953	36.14%	2.874%
99	19.985	2914	2919	2923	rBV	202554	337453	100.00%	7.952%
100	21.906	3241	3246	3251	rVB	197700	327439	97.03%	7.716%

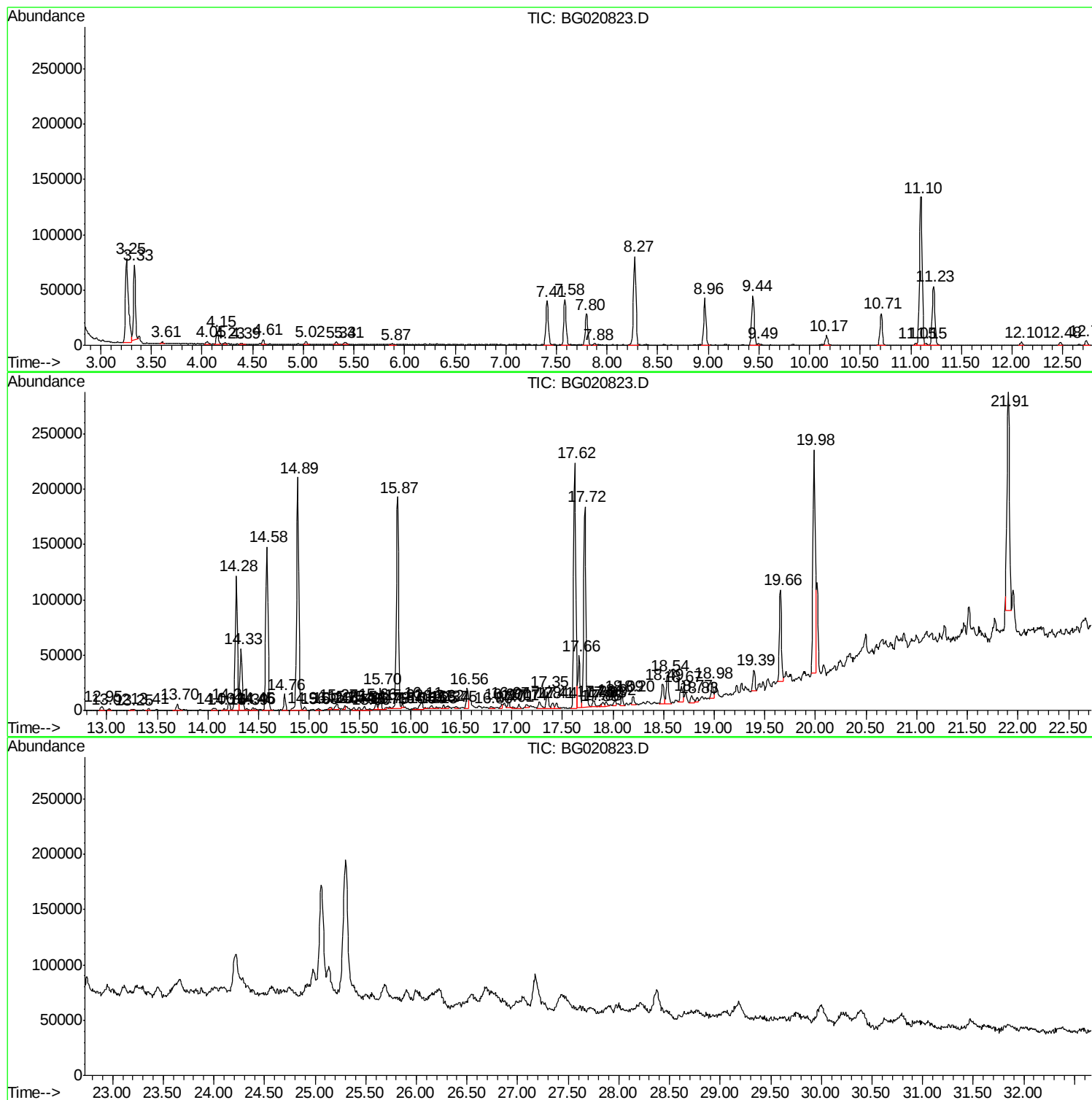
Sum of corrected areas: 4243883

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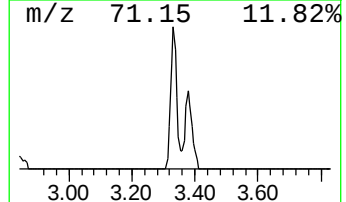
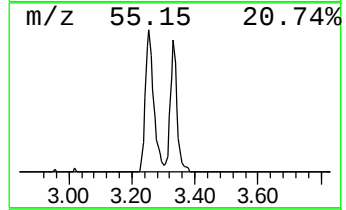
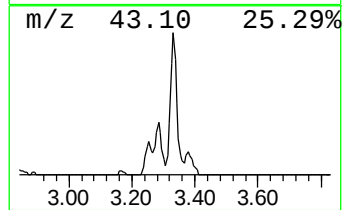
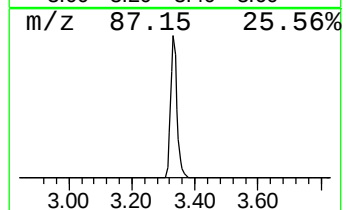
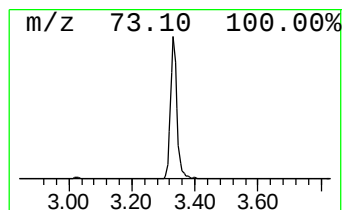
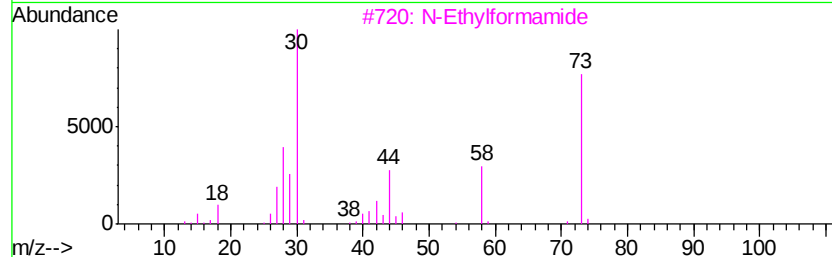
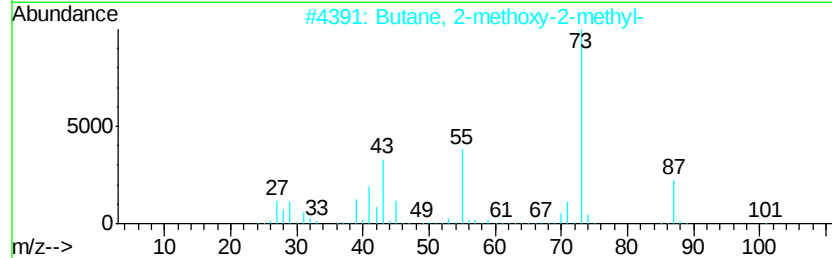
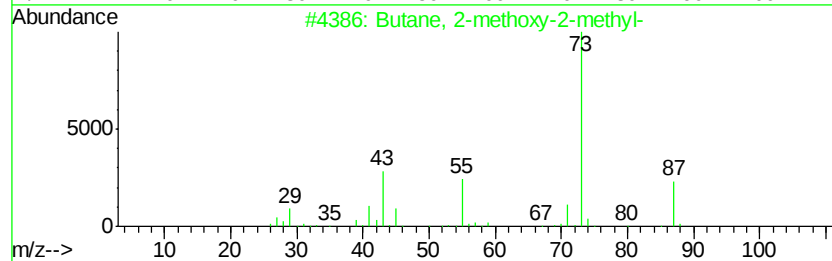
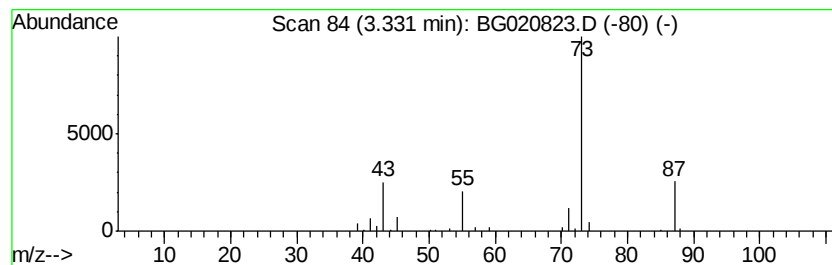
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	12.87 ng/ul	89223	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		Acetic acid, 3-[1,3]dioxolan-2-yl...	174	C8H14O4	1000186-02-3	9



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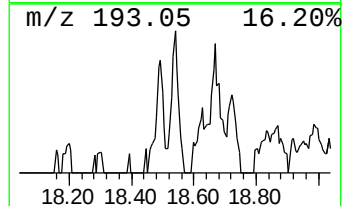
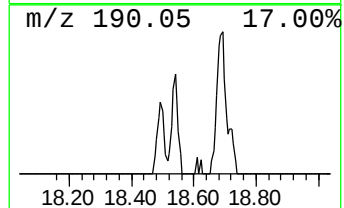
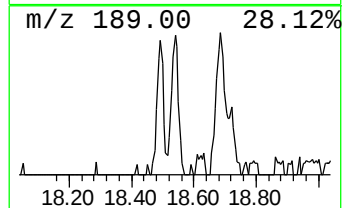
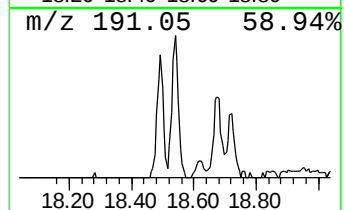
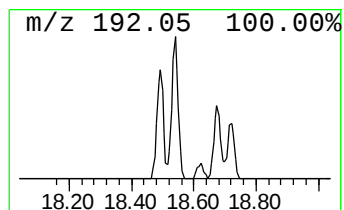
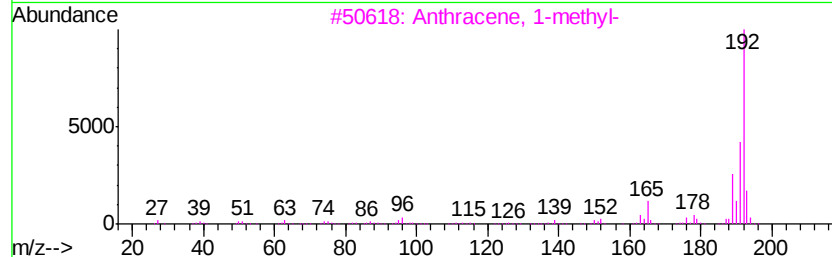
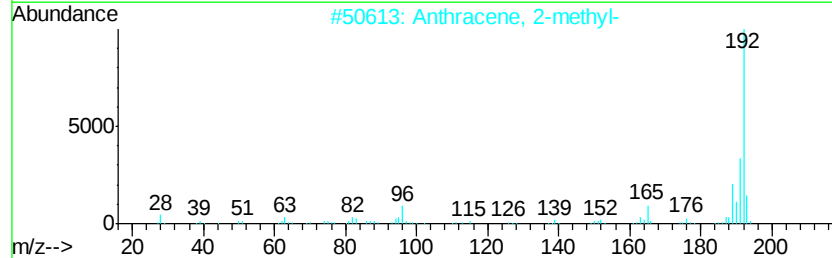
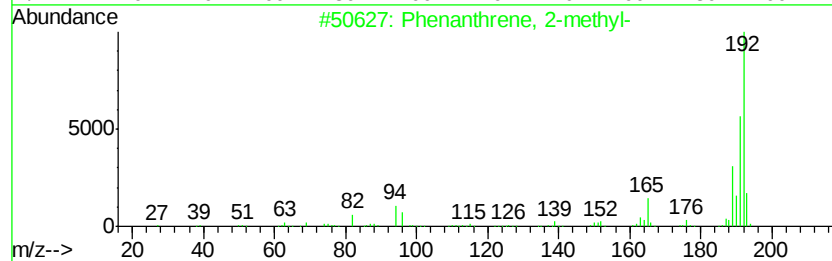
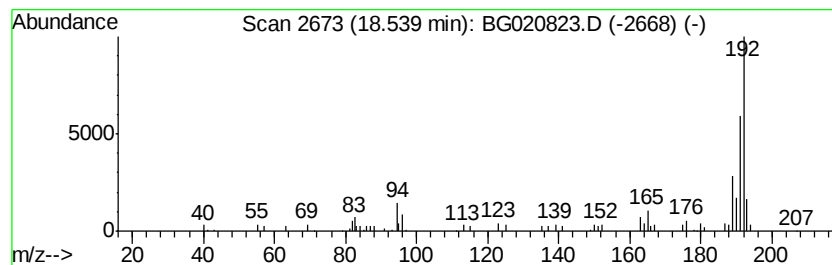
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.65 ng/ul	44135	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.33	12.9	ng/ul	89223	1	8.27	138653	20.0
Phenanthrene, 2-m...	18.54	2.6	ng/ul	44135	4	17.62	333611	20.0