

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023594.D
 Acq On : 10 Aug 2016 16:16
 Operator : UM/SJ
 Sample : H4360-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-0002-01

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	3.995	195	197	198	rBV2	11294	5663	0.14%	0.015%
2	4.242	235	239	245	rVB2	54980	78733	2.00%	0.214%
3	4.789	330	332	333	rBV2	7182	5792	0.15%	0.016%
4	5.094	381	384	389	rBV7	7654	13576	0.35%	0.037%
5	5.176	394	398	403	rVB3	47873	71392	1.82%	0.194%
6	5.388	432	434	435	rBV2	8170	6104	0.16%	0.017%
7	6.052	544	547	550	rVB4	5858	6288	0.16%	0.017%
8	6.292	584	588	591	rBV4	5878	9944	0.25%	0.027%
9	6.774	666	670	671	rBV4	5217	5773	0.15%	0.016%
10	7.097	722	725	727	rBV3	8124	9758	0.25%	0.026%
11	7.268	748	754	765	rVV	273458	507928	12.93%	1.379%
12	7.426	775	781	789	rVB	240530	398020	10.13%	1.081%
13	7.638	810	817	825	rVV2	277189	505320	12.86%	1.372%
14	8.108	889	897	906	rBV	588188	1022297	26.02%	2.776%
15	8.319	932	933	936	rBV2	5544	5908	0.15%	0.016%
16	8.766	1007	1009	1011	rBV2	7110	6969	0.18%	0.019%
17	8.824	1011	1019	1026	rBV	274233	495682	12.62%	1.346%
18	9.288	1089	1098	1109	rBV	294164	537213	13.67%	1.459%
19	9.394	1111	1116	1118	rBV4	23508	30238	0.77%	0.082%
20	9.506	1134	1135	1139	rBV3	4933	5702	0.15%	0.015%
21	9.582	1146	1148	1150	rBV3	5107	6181	0.16%	0.017%
22	9.788	1181	1183	1185	rBV2	7786	7155	0.18%	0.019%
23	9.858	1192	1195	1199	rVB4	4418	7120	0.18%	0.019%
24	9.976	1212	1215	1216	rBV3	6009	7286	0.19%	0.020%
25	10.017	1216	1222	1228	rBV2	236504	429641	10.94%	1.167%
26	10.293	1266	1269	1273	rBV5	5979	7814	0.20%	0.021%
27	10.569	1308	1316	1326	rBV	325785	652683	16.61%	1.772%
28	10.945	1372	1380	1388	rBV	841440	1574244	40.07%	4.275%
29	11.086	1398	1404	1411	rBV2	154418	301441	7.67%	0.819%
30	11.485	1470	1472	1476	rVB5	5822	6644	0.17%	0.018%
31	11.550	1480	1483	1484	rBV3	7431	5793	0.15%	0.016%
32	12.431	1628	1633	1634	rBV5	6654	10405	0.26%	0.028%
33	12.461	1634	1638	1646	rVB4	30858	52838	1.34%	0.143%
34	12.537	1648	1651	1652	rBV3	9049	9168	0.23%	0.025%

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35	12.607	1657	1663	1665	rBV5	5587	10221	0.26%	0.028%
36	12.813	1696	1698	1699	rBV	11485	9002	0.23%	0.024%
37	12.936	1716	1719	1721	rBV4	6009	7821	0.20%	0.021%
38	13.118	1747	1750	1753	rBV4	7052	10301	0.26%	0.028%
39	13.218	1766	1767	1771	rVB3	5655	6214	0.16%	0.017%
40	13.377	1787	1794	1798	rBV7	11356	18402	0.47%	0.050%
41	13.430	1800	1803	1804	rBV2	8122	6667	0.17%	0.018%
42	13.653	1838	1841	1847	rVB7	12250	17902	0.46%	0.049%
43	13.700	1847	1849	1854	rVV5	4665	6909	0.18%	0.019%
44	13.947	1884	1891	1893	rBV4	7041	12395	0.32%	0.034%
45	14.105	1912	1918	1922	rVV6	16030	29672	0.76%	0.081%
46	14.176	1922	1930	1934	rVV	763806	1147089	29.20%	3.115%
47	14.223	1934	1938	1945	rVV	582236	871752	22.19%	2.367%
48	14.293	1949	1950	1954	rVB3	7745	5672	0.14%	0.015%
49	14.340	1954	1958	1962	rBV7	7184	10824	0.28%	0.029%
50	14.475	1974	1981	1993	rBV	837154	1364240	34.72%	3.705%
51	14.587	1998	2000	2003	rVV4	6508	8437	0.21%	0.023%
52	14.652	2007	2011	2017	rVB6	15725	27322	0.70%	0.074%
53	14.734	2022	2025	2026	rBV3	5487	5976	0.15%	0.016%
54	14.781	2026	2033	2042	rVV2	1429090	2409331	61.33%	6.543%
55	14.846	2042	2044	2048	rBV3	10958	11336	0.29%	0.031%
56	14.922	2055	2057	2059	rBV3	7275	6091	0.16%	0.017%
57	14.945	2059	2061	2064	rVB3	6545	6832	0.17%	0.019%
58	15.004	2064	2071	2086	rBV2	190559	449821	11.45%	1.222%
59	15.169	2092	2099	2100	rBV7	15072	31126	0.79%	0.085%
60	15.345	2125	2129	2130	rBV4	5354	5723	0.15%	0.016%
61	15.451	2146	2147	2152	rVB5	10691	10079	0.26%	0.027%
62	15.503	2152	2156	2158	rVB4	5799	6204	0.16%	0.017%
63	15.556	2161	2165	2170	rBV5	22366	43578	1.11%	0.118%
64	15.609	2170	2174	2177	rVV2	41928	56235	1.43%	0.153%
65	15.668	2179	2184	2187	rVB7	14701	21306	0.54%	0.058%
66	15.703	2187	2190	2191	rBV3	10085	9943	0.25%	0.027%
67	15.780	2196	2203	2209	rBV	1191130	1797691	45.76%	4.882%
68	15.903	2219	2224	2231	rBV	320111	470532	11.98%	1.278%
69	16.279	2286	2288	2291	rBV4	9704	10431	0.27%	0.028%
70	16.473	2317	2321	2331	rBV2	62664	129163	3.29%	0.351%
71	17.195	2441	2444	2447	rBV5	16483	23600	0.60%	0.064%

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72	17.242	2448	2452	2460	rVB2	235304	396728	10.10%	1.077%
73	17.419	2478	2482	2486	rBV6	30863	44959	1.14%	0.122%
74	17.548	2498	2504	2509	rBV2	1982377	3192979	81.27%	8.671%
75	17.589	2509	2511	2515	rVV	313722	388678	9.89%	1.055%
76	17.648	2515	2521	2532	rVB	1251695	1937223	49.31%	5.261%
77	18.018	2582	2584	2587	rVB3	27934	18916	0.48%	0.051%
78	18.129	2601	2603	2613	rVB2	36355	62593	1.59%	0.170%
79	18.300	2625	2632	2638	rBV8	46747	138903	3.54%	0.377%
80	18.423	2648	2653	2658	rBV2	374962	590142	15.02%	1.603%
81	18.476	2658	2662	2672	rVB3	160763	269739	6.87%	0.732%
82	18.617	2681	2686	2690	rBV4	143189	261978	6.67%	0.711%
83	18.658	2691	2693	2698	rVB3	98888	118947	3.03%	0.323%
84	18.922	2735	2738	2742	rBV3	44125	56940	1.45%	0.155%
85	19.040	2756	2758	2760	rBV3	19203	22113	0.56%	0.060%
86	19.163	2777	2779	2784	rVB3	47712	54407	1.38%	0.148%
87	19.216	2784	2788	2791	rBV2	76697	92583	2.36%	0.251%
88	19.257	2792	2795	2801	rVB	55869	70664	1.80%	0.192%
89	19.339	2804	2809	2813	rBV	187362	287021	7.31%	0.779%
90	19.480	2829	2833	2843	rBV7	67848	185909	4.73%	0.505%
91	19.604	2849	2854	2860	rVB	640205	941047	23.95%	2.555%
92	19.692	2866	2869	2875	rVB5	111883	175115	4.46%	0.476%
93	19.939	2905	2911	2914	rBV	1544511	2386771	60.75%	6.481%
94	20.033	2925	2927	2934	rVB3	82716	112915	2.87%	0.307%
95	20.291	2966	2971	2978	rVB6	77699	184454	4.69%	0.501%
96	20.620	3024	3027	3031	rVB	126788	143493	3.65%	0.390%
97	20.761	3047	3051	3054	rBV	123554	152742	3.89%	0.415%
98	21.871	3232	3240	3245	rBV2	2050791	3928781	100.00%	10.669%
99	25.038	3771	3779	3786	rVB2	551704	1431755	36.44%	3.888%
100	25.267	3809	3818	3830	rBV2	1170151	3294148	83.85%	8.945%

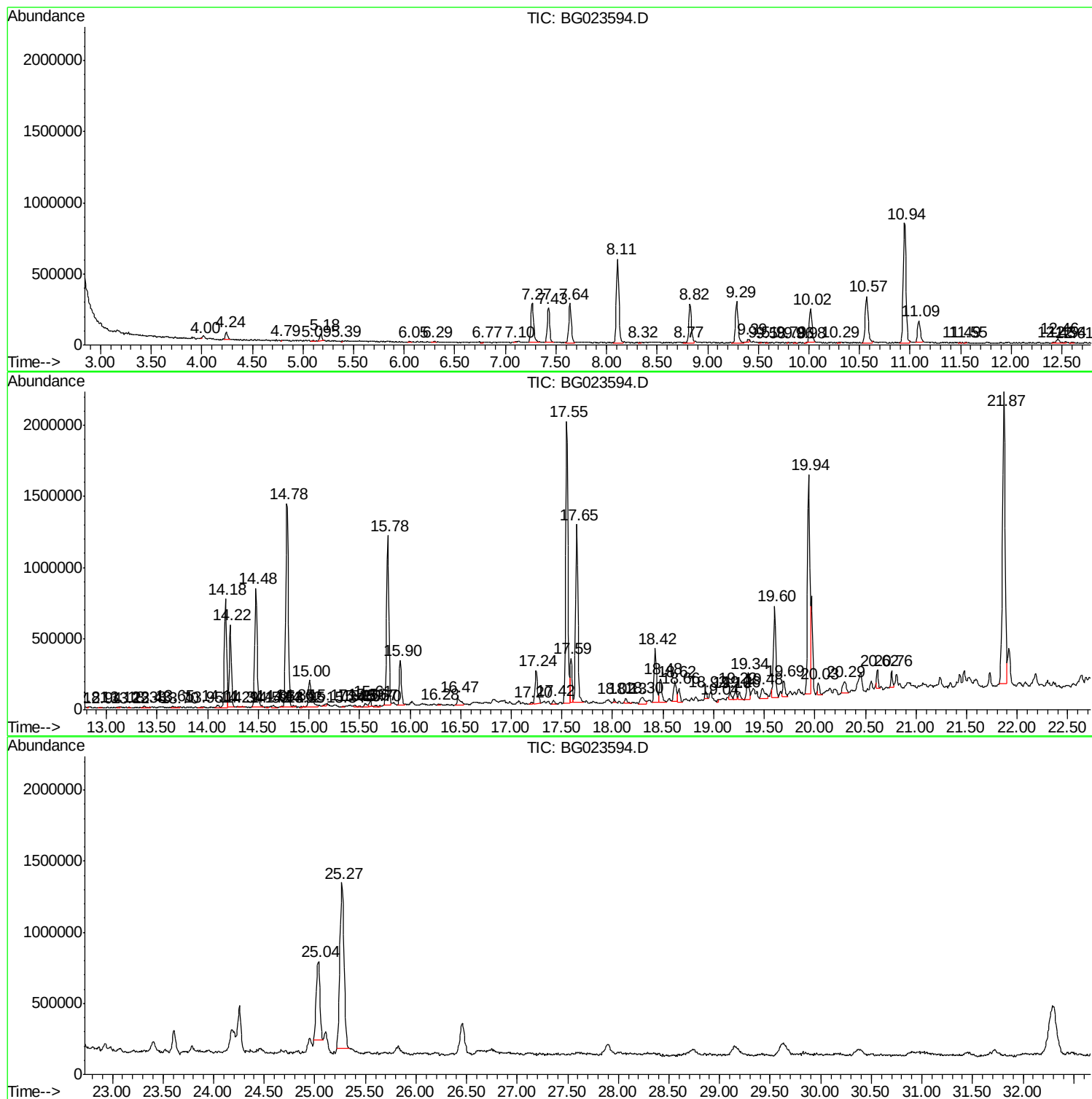
Sum of corrected areas: 36825196

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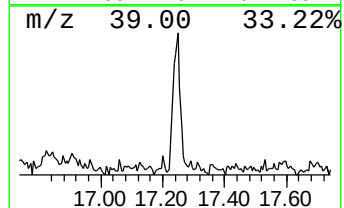
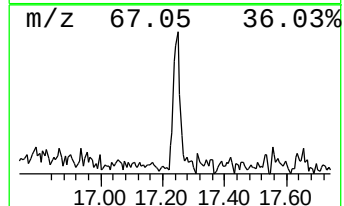
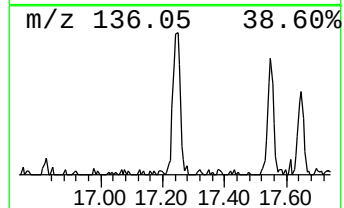
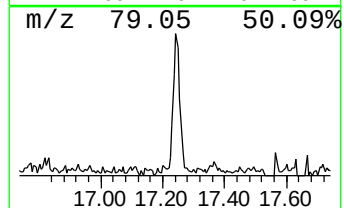
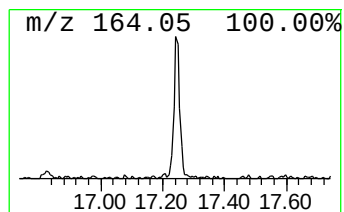
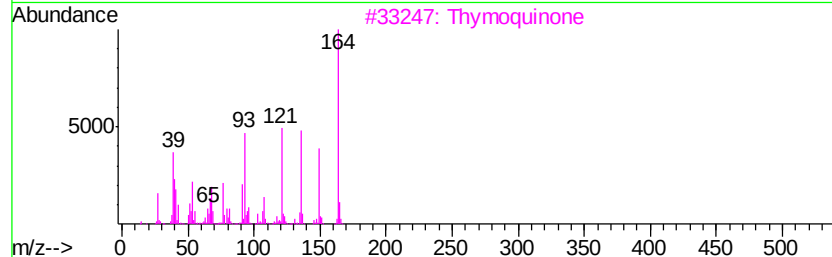
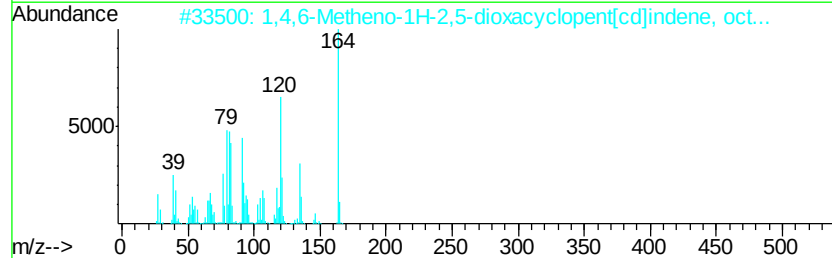
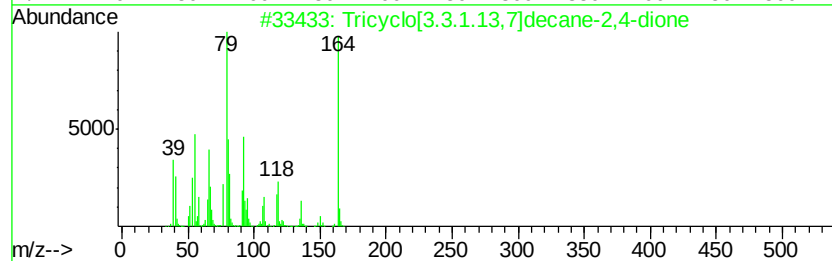
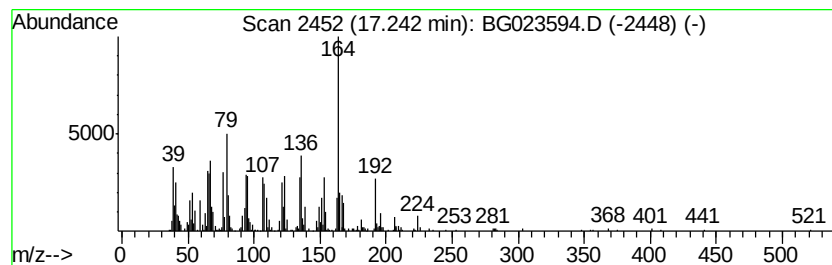
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	2.49 ng/ul	396728	Phenanthrene-d10	17.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tricyclo[3.3.1.1 ^{3,7}]decane-2,4-dione	164 C10H12O2	019214-00-7 38
2		1,4,6-Metheno-1H-2,5-dioxacyclopent[cd]indene, octa-	164 C10H12O2	065181-94-4 27
3		Thymoquinone	164 C10H12O2	000490-91-5 27
4		9H-Fluorene, 9-diazo-	192 C13H8N2	000832-80-4 25
5		3,6-Dipropyl-2,5-dimethylpyrazine	192 C12H20N2	040790-33-8 25



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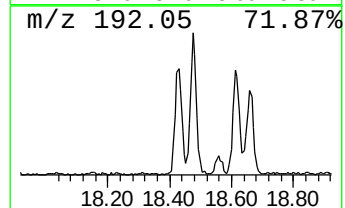
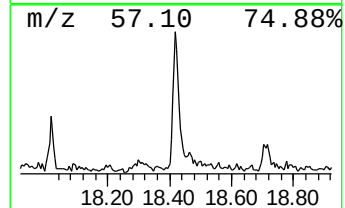
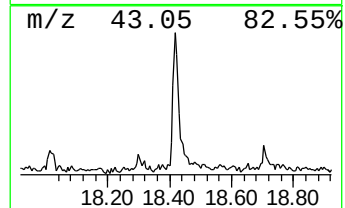
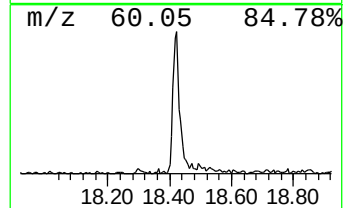
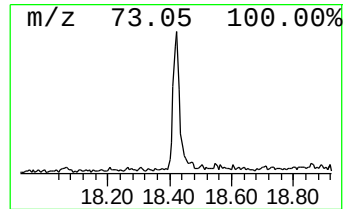
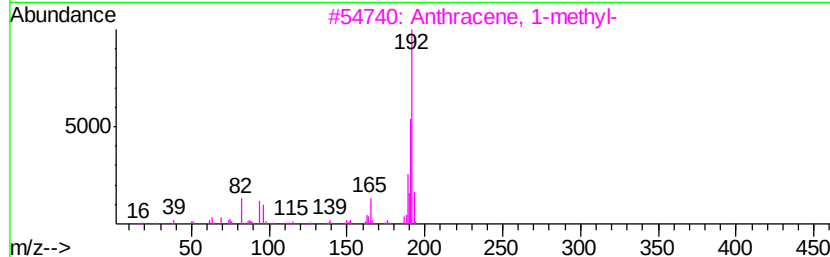
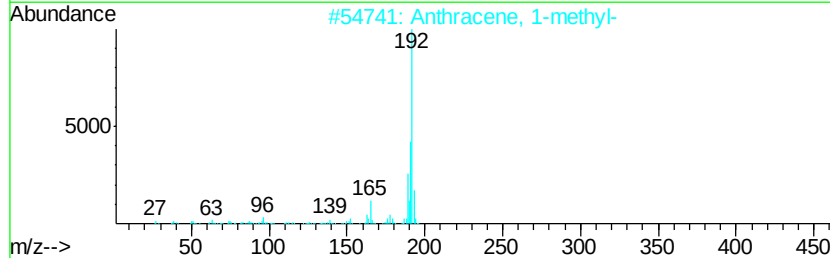
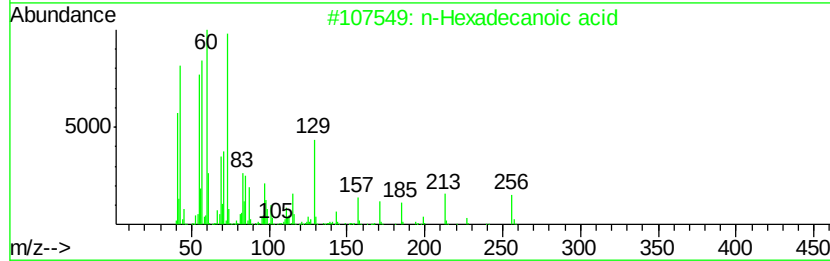
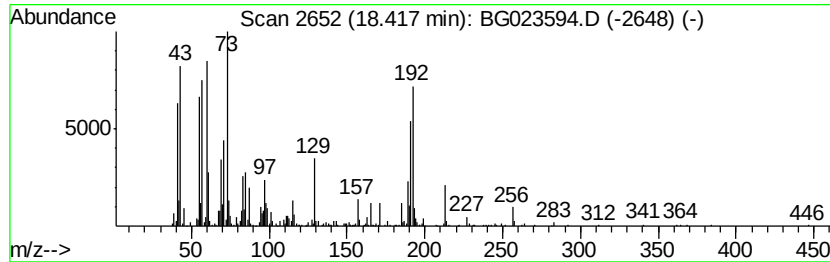
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.42	3.70 ng/ul	590142	Phenanthrene-d10	17.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	92
2	Anthracene, 1-methyl-		192	C15H12	000610-48-0	83
3	Anthracene, 1-methyl-		192	C15H12	000610-48-0	80
4	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	64
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	17.24	2.5	ng/ul	396728	4	17.55	3192980	20.0
n-Hexadecanoic acid	18.42	3.7	ng/ul	590142	4	17.55	3192980	20.0