

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023498.D
 Acq On : 5 Aug 2016 21:48
 Operator : UM/SJ
 Sample : H4209-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJN1

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	4.025	200	202	205	rBV3	7229	8828	0.23%	0.021%
2	4.254	238	241	243	rBV4	9454	9691	0.25%	0.023%
3	4.571	292	295	296	rBV3	8994	8461	0.22%	0.020%
4	4.865	341	345	348	rBV6	4093	5450	0.14%	0.013%
5	5.053	374	377	379	rBV3	5552	7379	0.19%	0.017%
6	5.129	388	390	392	rVB3	9365	8326	0.22%	0.019%
7	5.182	392	399	405	rBV2	86519	147180	3.82%	0.344%
8	5.476	448	449	453	rBV4	5344	5100	0.13%	0.012%
9	5.617	471	473	475	rBV2	7079	5241	0.14%	0.012%
10	6.363	598	600	602	rBV2	6165	6016	0.16%	0.014%
11	6.498	620	623	628	rBV4	5836	9276	0.24%	0.022%
12	6.698	653	657	659	rVB3	4144	5079	0.13%	0.012%
13	6.745	662	665	667	rBV2	5564	6823	0.18%	0.016%
14	7.015	710	711	716	rBV5	4573	5107	0.13%	0.012%
15	7.085	722	723	727	rVB3	8017	6295	0.16%	0.015%
16	7.133	727	731	732	rBV4	4653	5946	0.15%	0.014%
17	7.268	748	754	765	rBV	459176	822175	21.33%	1.919%
18	7.432	775	782	790	rBV	405240	663499	17.22%	1.549%
19	7.644	811	818	828	rBV	449432	805245	20.89%	1.879%
20	7.708	828	829	835	rVB6	3637	5506	0.14%	0.013%
21	7.808	843	846	847	rVB3	5995	5406	0.14%	0.013%
22	7.820	847	848	851	rBV3	7015	5689	0.15%	0.013%
23	7.890	857	860	863	rBV5	4974	6897	0.18%	0.016%
24	8.002	875	879	880	rBV4	5728	6816	0.18%	0.016%
25	8.119	888	899	910	rVB	438314	788351	20.46%	1.840%
26	8.337	933	936	940	rVB5	6039	10347	0.27%	0.024%
27	8.519	962	967	970	rBV4	5068	7779	0.20%	0.018%
28	8.642	985	988	992	rBV4	8737	14019	0.36%	0.033%
29	8.830	1014	1020	1031	rBV	576972	1041339	27.02%	2.430%
30	8.948	1037	1040	1043	rBV4	4949	8050	0.21%	0.019%
31	8.989	1044	1047	1050	rVB4	4180	5948	0.15%	0.014%
32	9.294	1090	1099	1107	rBV	467000	860397	22.33%	2.008%
33	9.482	1129	1131	1134	rVB4	7152	5847	0.15%	0.014%
34	9.676	1161	1164	1169	rBV5	10294	15071	0.39%	0.035%

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35	9.782	1181	1182	1185	rBV3	5838	5395	0.14%	0.013%
36	10.023	1216	1223	1235	rVB	419680	756798	19.64%	1.766%
37	10.346	1276	1278	1282	rVB3	5133	5673	0.15%	0.013%
38	10.569	1309	1316	1330	rBV	578570	1111205	28.83%	2.593%
39	10.786	1351	1353	1355	rBV3	6391	5439	0.14%	0.013%
40	10.951	1373	1381	1388	rBV	719839	1321105	34.28%	3.083%
41	11.086	1398	1404	1417	rBV	550782	1048086	27.20%	2.446%
42	11.626	1494	1496	1501	rVB5	3969	5640	0.15%	0.013%
43	11.762	1515	1519	1523	rBV6	6040	7997	0.21%	0.019%
44	11.820	1526	1529	1530	rBV3	6475	5211	0.14%	0.012%
45	12.026	1563	1564	1570	rVB5	7074	12323	0.32%	0.029%
46	12.226	1595	1598	1601	rVB5	5069	6464	0.17%	0.015%
47	12.431	1628	1633	1636	rBV6	13650	20853	0.54%	0.049%
48	12.455	1636	1637	1638	rBV	10727	5970	0.15%	0.014%
49	12.525	1647	1649	1650	rBV2	10296	8063	0.21%	0.019%
50	12.825	1696	1700	1703	rBV5	9407	13941	0.36%	0.033%
51	12.913	1714	1715	1720	rVB5	5238	6072	0.16%	0.014%
52	13.118	1747	1750	1755	rVB5	8124	12331	0.32%	0.029%
53	13.171	1755	1759	1763	rBV6	5576	9814	0.25%	0.023%
54	13.218	1765	1767	1770	rVB4	6172	6416	0.17%	0.015%
55	13.283	1773	1778	1782	rBV7	13312	25302	0.66%	0.059%
56	13.377	1789	1794	1797	rVB6	13159	15181	0.39%	0.035%
57	13.659	1837	1842	1847	rVB6	12128	20281	0.53%	0.047%
58	13.865	1873	1877	1880	rBV6	7218	11605	0.30%	0.027%
59	13.888	1880	1881	1884	rBV3	8236	5613	0.15%	0.013%
60	13.959	1892	1893	1896	rVB3	7303	5938	0.15%	0.014%
61	14.176	1923	1930	1934	rBV	1300008	1933018	50.16%	4.512%
62	14.223	1934	1938	1946	rVB	931961	1384454	35.92%	3.231%
63	14.475	1974	1981	1992	rBV	1392526	2218746	57.57%	5.178%
64	14.605	2000	2003	2007	rVB6	12128	14852	0.39%	0.035%
65	14.652	2007	2011	2014	rBV5	9491	12364	0.32%	0.029%
66	14.710	2020	2021	2023	rBV2	6840	6149	0.16%	0.014%
67	14.781	2027	2033	2041	rVB2	1288067	2103004	54.57%	4.908%
68	14.992	2062	2069	2084	rBV	384396	902205	23.41%	2.106%
69	15.151	2094	2096	2098	rBV2	12022	10712	0.28%	0.025%
70	15.257	2111	2114	2115	rBV3	10078	10329	0.27%	0.024%
71	15.410	2138	2140	2144	rBV5	7939	10851	0.28%	0.025%

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72	15.486	2151	2153	2158	rVB5	10904	14965	0.39%	0.035%
73	15.556	2163	2165	2168	rVV3	23203	28369	0.74%	0.066%
74	15.603	2170	2173	2177	rVB4	36210	46960	1.22%	0.110%
75	15.774	2196	2202	2210	rBV	1968253	2987653	77.53%	6.973%
76	15.897	2217	2223	2231	rBV	619804	954645	24.77%	2.228%
77	16.009	2239	2242	2247	rVB5	49968	80458	2.09%	0.188%
78	16.097	2255	2257	2258	rBV	10654	7696	0.20%	0.018%
79	16.490	2317	2324	2331	rBV6	79652	196688	5.10%	0.459%
80	17.266	2453	2456	2460	rVB3	49013	65592	1.70%	0.153%
81	17.319	2461	2465	2470	rVB4	63043	103999	2.70%	0.243%
82	17.542	2497	2503	2509	rBV	1745303	2748402	71.32%	6.415%
83	17.642	2514	2520	2526	rBV2	2074399	3190974	82.80%	7.448%
84	18.006	2580	2582	2587	rVB3	51067	65672	1.70%	0.153%
85	18.411	2647	2651	2658	rBV2	196938	316264	8.21%	0.738%
86	19.680	2863	2867	2873	rBV3	184078	267478	6.94%	0.624%
87	19.933	2904	2910	2922	rVB	2561544	3853772	100.00%	8.995%
88	21.713	3209	3213	3224	rVB	338902	490392	12.72%	1.145%
89	21.860	3231	3238	3244	rBV2	1716669	2948315	76.50%	6.881%
90	25.002	3763	3773	3783	rBV2	1074432	3132229	81.28%	7.310%
91	25.237	3803	3813	3825	rVB2	980344	2951337	76.58%	6.888%

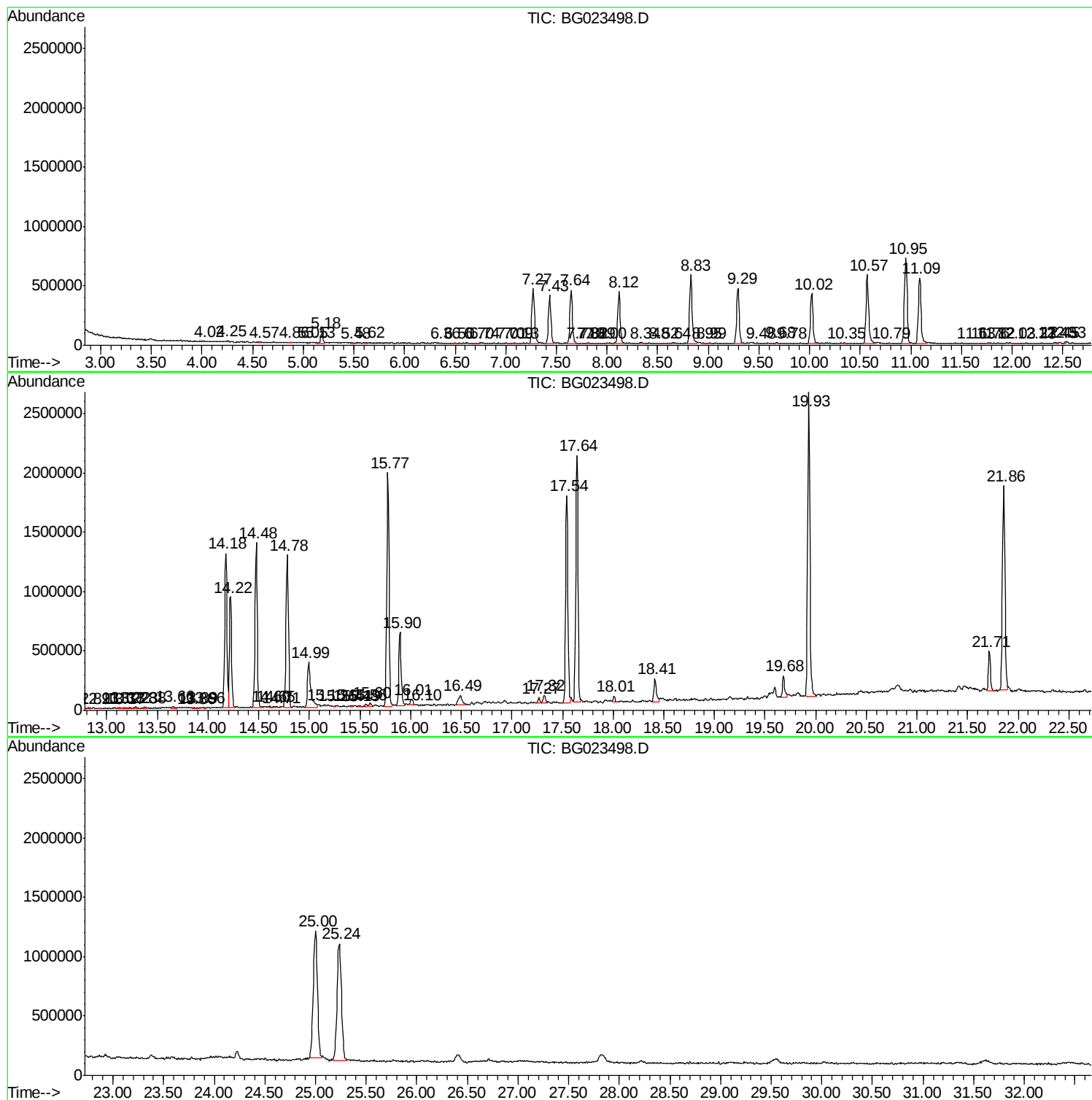
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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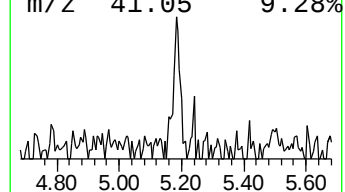
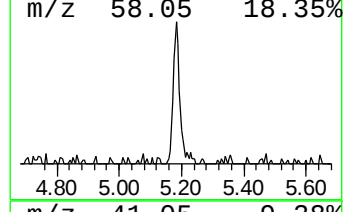
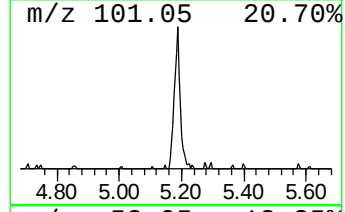
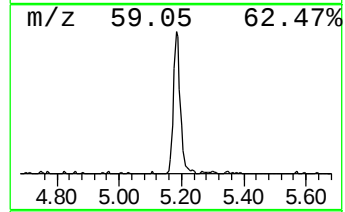
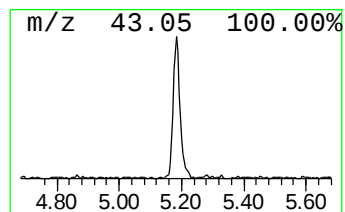
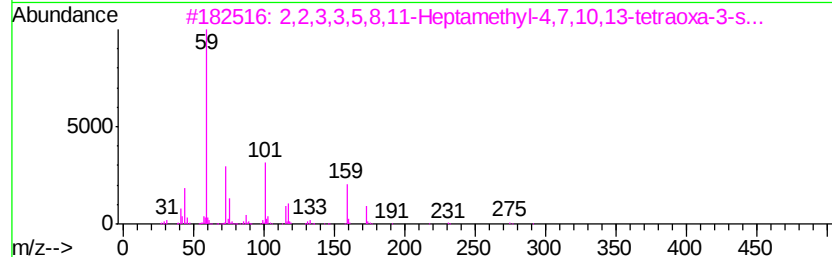
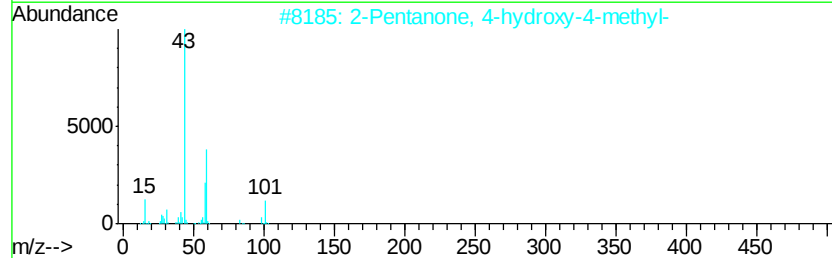
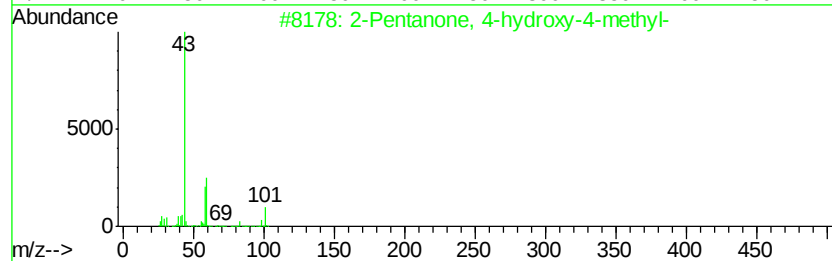
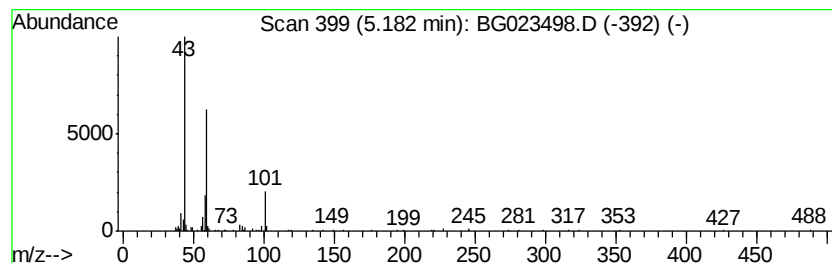
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.73 ng/ul	147180	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37		
3	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	37		
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28		
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25		



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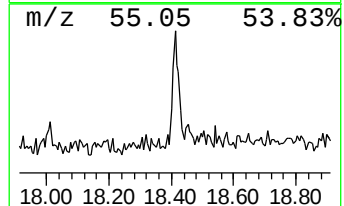
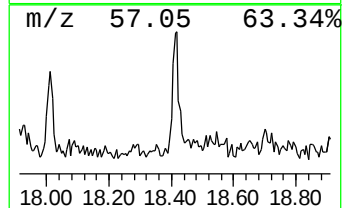
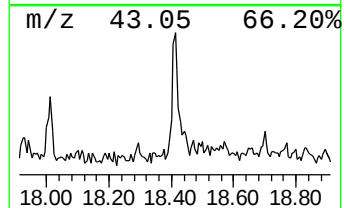
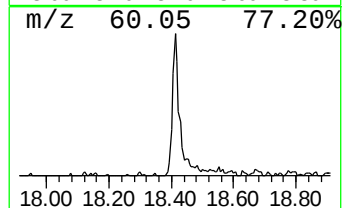
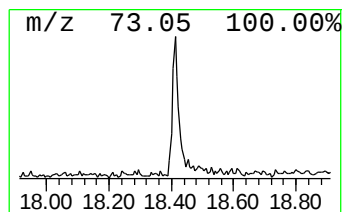
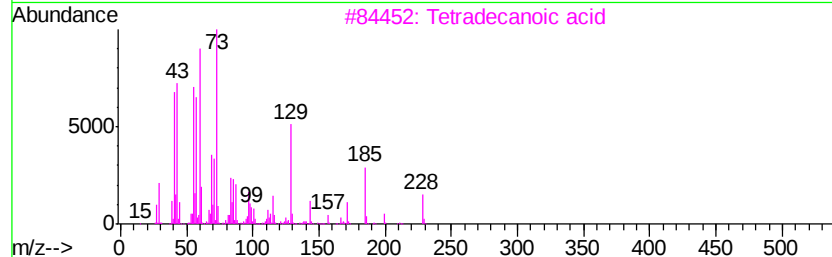
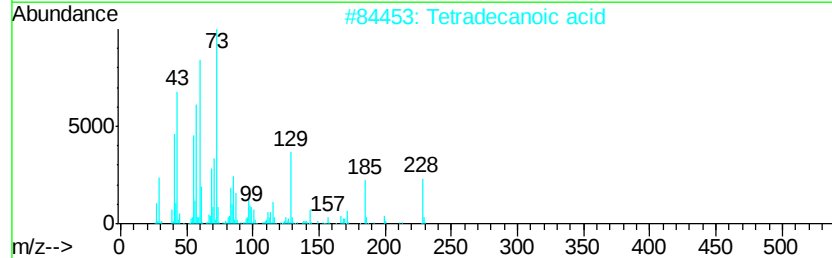
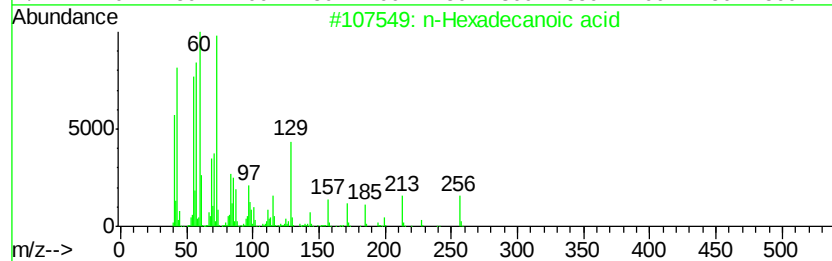
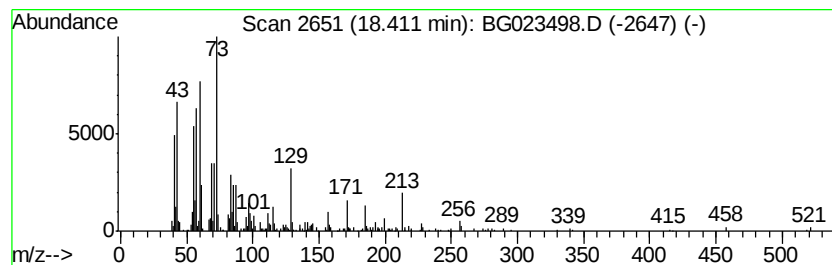
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.30 ng/ul	316264	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.18	3.7	ng/ul	147180	1	8.12	788351	20.0
n-Hexadecanoic acid	18.41	2.3	ng/ul	316264	4	17.54	2748400	20.0