

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023511.D
 Acq On : 6 Aug 2016 6:28
 Operator : UM/SJ
 Sample : H4249-04
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJP7

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	4.368	258	260	262	rBV3	7433	7988	0.18%	0.017%
2	4.479	272	279	282	rBV7	12886	28138	0.63%	0.062%
3	4.503	282	283	288	rBV3	6631	9537	0.21%	0.021%
4	4.573	294	295	298	rBV2	8860	6618	0.15%	0.014%
5	4.708	317	318	323	rBV5	7121	7555	0.17%	0.017%
6	5.178	394	398	399	rBV4	7630	9550	0.21%	0.021%
7	5.390	433	434	438	rVB4	6524	7527	0.17%	0.016%
8	5.490	448	451	452	rBV2	5710	6084	0.14%	0.013%
9	5.701	484	487	490	rBV4	7451	10577	0.24%	0.023%
10	6.476	617	619	622	rBV4	4261	6233	0.14%	0.014%
11	7.269	748	754	765	rBV	463570	838634	18.79%	1.837%
12	7.434	776	782	790	rVB	390457	647655	14.51%	1.418%
13	7.645	812	818	828	rVB	431723	778596	17.45%	1.705%
14	7.786	840	842	848	rBV6	6447	8204	0.18%	0.018%
15	7.969	871	873	875	rBV3	8573	9033	0.20%	0.020%
16	8.115	892	898	906	rVV	463513	826649	18.52%	1.810%
17	8.174	906	908	910	rVB3	8810	7049	0.16%	0.015%
18	8.327	929	934	938	rBV7	8915	16121	0.36%	0.035%
19	8.826	1013	1019	1036	rVB2	585781	1045844	23.43%	2.291%
20	9.220	1082	1086	1090	rBV7	5420	7558	0.17%	0.017%
21	9.290	1092	1098	1108	rBV	468631	852151	19.09%	1.866%
22	9.431	1121	1122	1128	rBV4	6569	9704	0.22%	0.021%
23	9.666	1160	1162	1169	rVB4	16877	26695	0.60%	0.058%
24	9.754	1173	1177	1179	rBV3	5396	7821	0.18%	0.017%
25	9.913	1201	1204	1206	rBV3	5477	6807	0.15%	0.015%
26	10.019	1216	1222	1230	rBV	397683	741708	16.62%	1.624%
27	10.571	1305	1316	1327	rBV	562123	1120268	25.10%	2.454%
28	10.947	1372	1380	1392	rBV	757416	1395485	31.27%	3.056%
29	11.088	1396	1404	1415	rBV	576476	1107963	24.83%	2.427%
30	11.875	1536	1538	1542	rVB5	7337	8056	0.18%	0.018%
31	12.081	1570	1573	1577	rVB4	5380	6736	0.15%	0.015%
32	12.509	1644	1646	1648	rBV3	7004	7113	0.16%	0.016%
33	12.539	1648	1651	1659	rVB4	13060	21515	0.48%	0.047%
34	12.686	1674	1676	1681	rVB5	5617	7878	0.18%	0.017%

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35	12.733	1681	1684	1687	rBV3	6942	10377	0.23%	0.023%
36	12.862	1703	1706	1707	rVB2	8289	6751	0.15%	0.015%
37	12.997	1724	1729	1732	rBV7	6784	12247	0.27%	0.027%
38	13.120	1746	1750	1756	rVB6	9338	16335	0.37%	0.036%
39	13.379	1786	1794	1797	rBV8	14897	29829	0.67%	0.065%
40	13.649	1838	1840	1844	rBV5	13485	16959	0.38%	0.037%
41	13.725	1850	1853	1855	rBV4	5273	6713	0.15%	0.015%
42	13.796	1863	1865	1869	rBV4	6334	7605	0.17%	0.017%
43	14.096	1911	1916	1920	rBV5	17603	26008	0.58%	0.057%
44	14.178	1923	1930	1934	rBV	1296847	1966526	44.06%	4.307%
45	14.225	1934	1938	1945	rVB	676524	970266	21.74%	2.125%
46	14.477	1973	1981	1988	rBV	1373361	2236160	50.11%	4.897%
47	14.601	2000	2002	2006	rVB5	7319	9697	0.22%	0.021%
48	14.648	2006	2010	2015	rVB6	15592	23633	0.53%	0.052%
49	14.724	2020	2023	2026	rBV5	12273	16173	0.36%	0.035%
50	14.783	2026	2033	2040	rVV2	1332949	2263235	50.71%	4.957%
51	14.836	2040	2042	2047	rVB6	7489	11460	0.26%	0.025%
52	14.994	2063	2069	2082	rBV	475292	1023634	22.94%	2.242%
53	15.523	2158	2159	2161	rBV	8005	7374	0.17%	0.016%
54	15.558	2161	2165	2168	rVV4	17007	27135	0.61%	0.059%
55	15.605	2168	2173	2178	rVV4	26760	45116	1.01%	0.099%
56	15.652	2178	2181	2182	rVV3	6075	5820	0.13%	0.013%
57	15.693	2186	2188	2190	rVB3	8300	7720	0.17%	0.017%
58	15.776	2195	2202	2209	rBV	2038365	3039360	68.10%	6.657%
59	15.893	2215	2222	2230	rBV	709143	1120123	25.10%	2.453%
60	16.016	2237	2243	2248	rVB10	32788	56040	1.26%	0.123%
61	16.099	2255	2257	2261	rBV5	10292	14935	0.33%	0.033%
62	16.469	2316	2320	2331	rBV5	42678	78902	1.77%	0.173%
63	16.586	2339	2340	2343	rBV3	5387	6044	0.14%	0.013%
64	16.739	2362	2366	2370	rBV5	15116	31734	0.71%	0.070%
65	16.810	2376	2378	2380	rBV3	8863	10080	0.23%	0.022%
66	16.921	2393	2397	2399	rBV4	22762	33775	0.76%	0.074%
67	17.244	2450	2452	2453	rBV2	6759	6151	0.14%	0.013%
68	17.268	2453	2456	2461	rVV7	24654	36597	0.82%	0.080%
69	17.326	2461	2466	2471	rVV7	18293	33529	0.75%	0.073%
70	17.544	2496	2503	2508	rBV	1954717	3040294	68.12%	6.659%
71	17.644	2514	2520	2531	rVB	2344647	3526437	79.02%	7.723%

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72	17.814	2545	2549	2550	rBV4	19095	21758	0.49%	0.048%
73	18.290	2626	2630	2634	rBV7	25952	47731	1.07%	0.105%
74	18.413	2647	2651	2659	rBV2	279583	445860	9.99%	0.976%
75	18.695	2698	2699	2702	rBV3	14603	12825	0.29%	0.028%
76	19.600	2849	2853	2857	rVB	139458	206244	4.62%	0.452%
77	19.682	2863	2867	2874	rBV2	180998	264365	5.92%	0.579%
78	19.935	2904	2910	2922	rVB	2876986	4462898	100.00%	9.774%
79	21.715	3211	3213	3220	rVB2	113855	135466	3.04%	0.297%
80	21.856	3231	3237	3244	rBV2	1881448	3177652	71.20%	6.959%
81	22.660	3371	3374	3380	rVB2	79471	127554	2.86%	0.279%
82	24.229	3635	3641	3650	rVB3	370684	836494	18.74%	1.832%
83	25.004	3764	3773	3783	rVB2	1251753	3466455	77.67%	7.592%
84	25.239	3803	3813	3823	rVB2	1005913	3068532	68.76%	6.720%

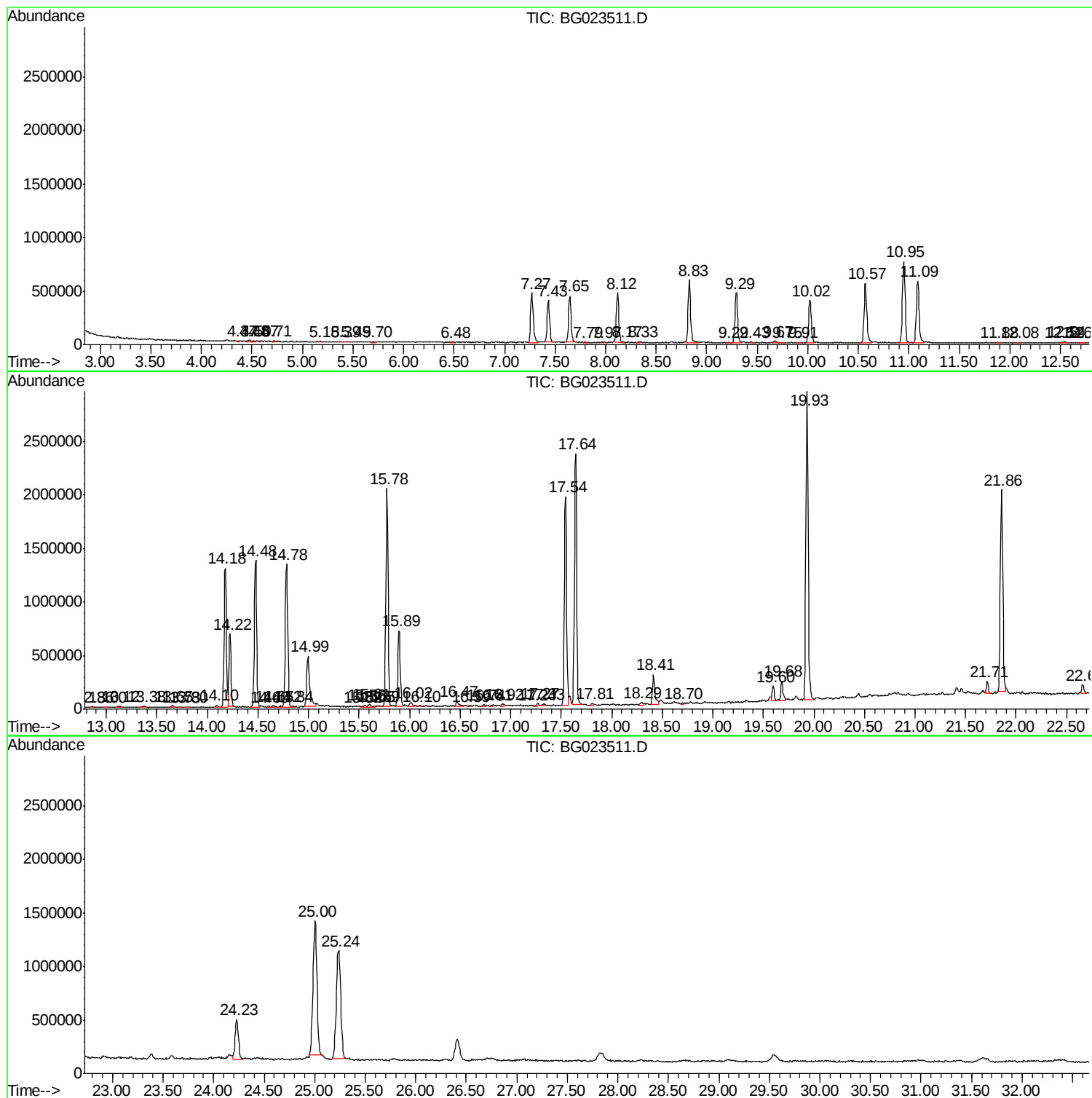
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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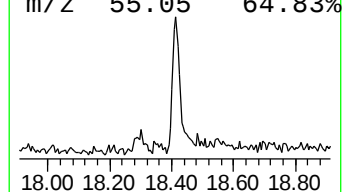
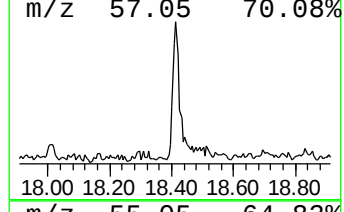
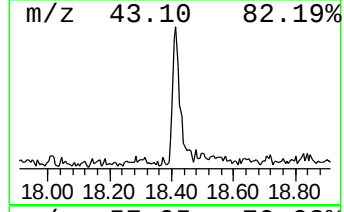
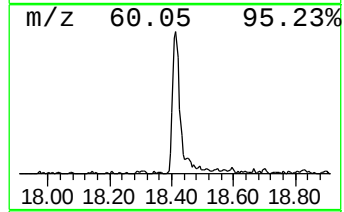
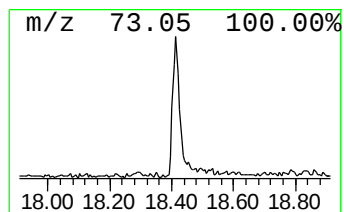
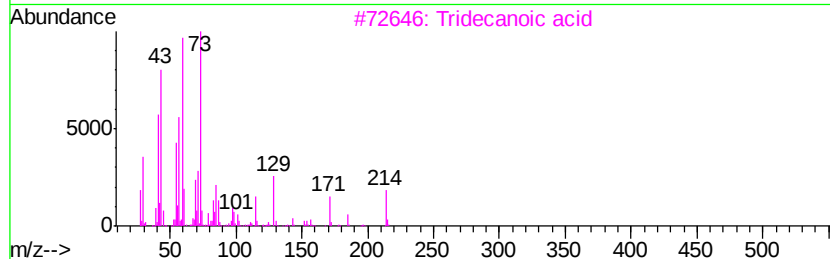
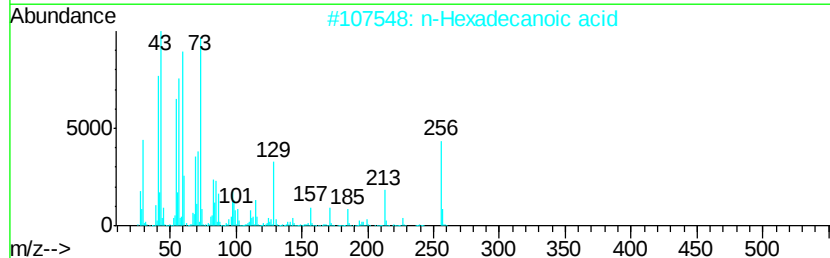
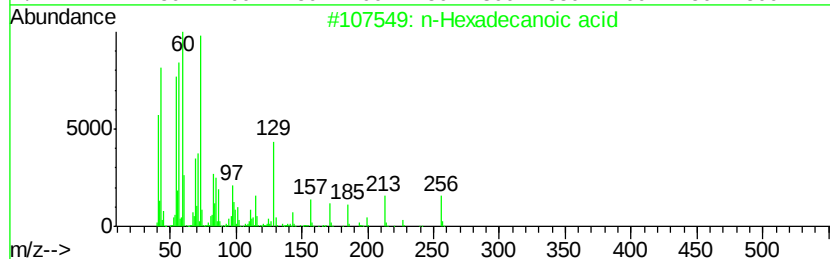
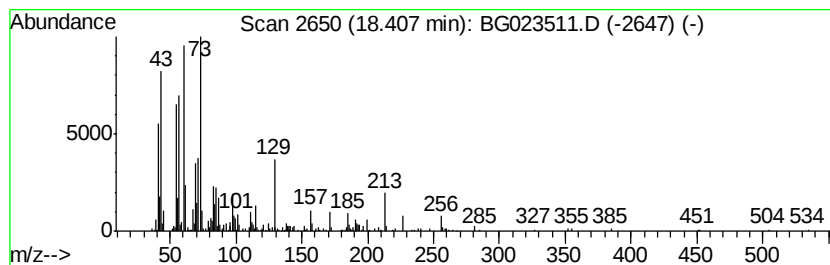
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	2.93 ng/ul	445860	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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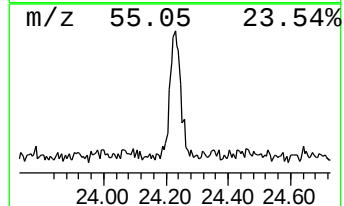
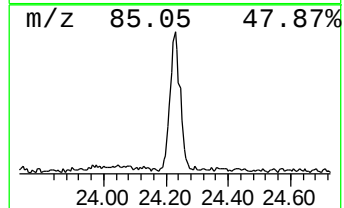
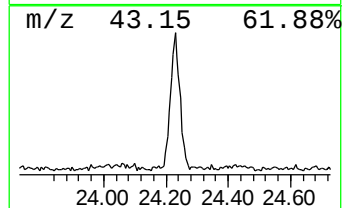
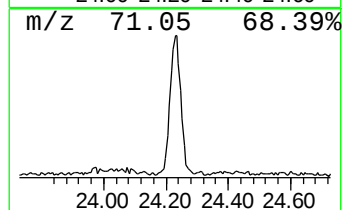
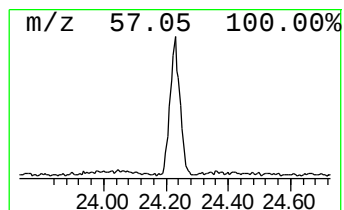
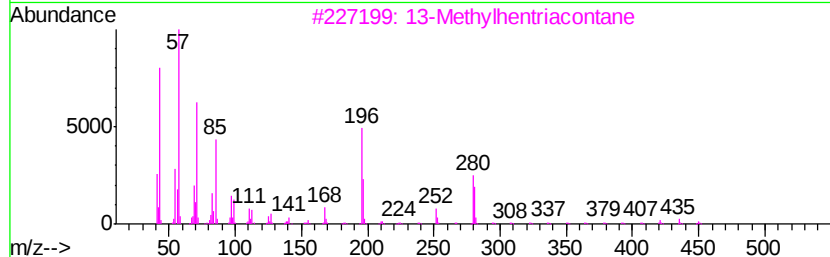
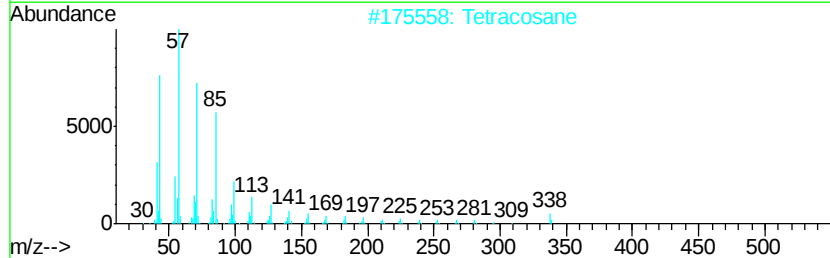
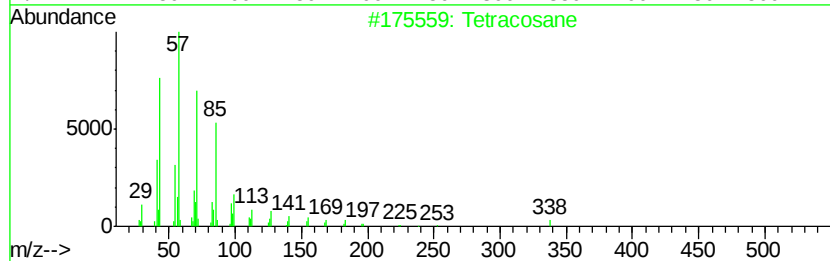
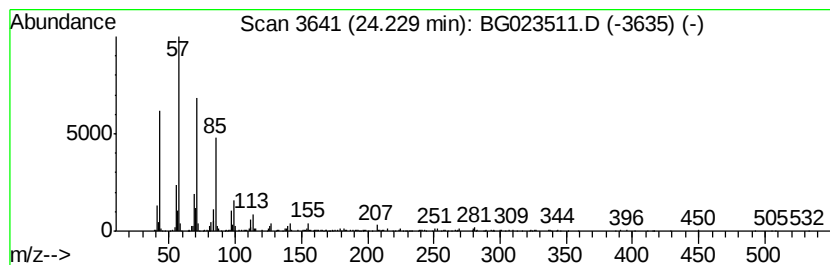
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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	5.45 ng/ul	836494	Perylene-d12	25.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		13-Methylhentriacontane	451	C32H66	1000131-19-4	87
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.41	2.9	ng/ul	445860	4	17.54	3040290	20.0
(DEL) Alkane: Str...	24.23	5.5	ng/ul	836494	6	25.24	3068530	20.0