

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
 Data File : BM027051.D
 Acq On : 12 Aug 2020 16:44
 Operator : JU/CG
 Sample : L3612-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFP8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.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	3.199	33	36	43	rVB	15061	18522	1.23%	0.111%
2	3.475	80	83	86	rBV4	2981	3269	0.22%	0.020%
3	3.605	103	105	109	rVB3	1566	1975	0.13%	0.012%
4	3.663	112	115	118	rBV3	1435	1687	0.11%	0.010%
5	3.699	118	121	125	rVB4	3632	5033	0.34%	0.030%
6	3.757	128	131	133	rBV4	1479	1527	0.10%	0.009%
7	3.828	138	143	148	rVV	25130	36537	2.44%	0.218%
8	3.916	154	158	162	rVB	8011	10325	0.69%	0.062%
9	4.134	192	195	198	rVB4	2023	2285	0.15%	0.014%
10	4.281	216	220	223	rBV5	1716	2144	0.14%	0.013%
11	4.369	227	235	238	rVB5	1692	3391	0.23%	0.020%
12	4.805	304	309	316	rBV	17457	23948	1.60%	0.143%
13	4.969	334	337	341	rVB4	1477	1635	0.11%	0.010%
14	5.551	434	436	440	rBV4	1103	1759	0.12%	0.010%
15	5.710	460	463	466	rVB4	1535	1512	0.10%	0.009%
16	6.816	643	651	664	rVB	240783	395586	26.36%	2.361%
17	6.981	672	679	690	rBV	204710	311267	20.75%	1.857%
18	7.181	706	713	720	rBV	260910	403567	26.90%	2.408%
19	7.263	723	727	737	rBV	17163	34101	2.27%	0.203%
20	7.640	785	791	800	rVB	384049	598770	39.91%	3.573%
21	7.716	800	804	808	rVB4	1818	2580	0.17%	0.015%
22	8.345	904	911	920	rBV	262659	417882	27.85%	2.494%
23	8.451	924	929	933	rBV	5446	8168	0.54%	0.049%
24	8.640	958	961	963	rBV3	1164	1661	0.11%	0.010%
25	8.781	977	985	995	rBV	234491	378834	25.25%	2.261%
26	8.916	1005	1008	1013	rVB5	1173	2173	0.14%	0.013%
27	9.269	1063	1068	1073	rVB5	1795	3023	0.20%	0.018%
28	9.498	1100	1107	1118	rBV	174625	291313	19.42%	1.738%
29	10.039	1190	1199	1208	rBV	292658	471157	31.40%	2.811%
30	10.410	1255	1262	1270	rBV	450035	753222	50.20%	4.495%
31	10.545	1276	1285	1294	rBV	253097	419948	27.99%	2.506%
32	11.222	1394	1400	1401	rBV2	1609	2132	0.14%	0.013%
33	12.010	1530	1534	1540	rBV4	3231	5349	0.36%	0.032%
34	12.639	1636	1641	1644	rBV5	1925	2340	0.16%	0.014%

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35	12.898	1677	1685	1688	rBV4	2803	4078	0.27%	0.024%
36	13.192	1732	1735	1741	rVB4	2579	3977	0.27%	0.024%
37	13.692	1813	1820	1824	rBV	506968	722591	48.16%	4.312%
38	13.733	1824	1827	1838	rVB	276492	373004	24.86%	2.226%
39	13.963	1859	1866	1874	rBV	516004	746811	49.77%	4.456%
40	14.274	1913	1919	1928	rBV2	697244	1003900	66.91%	5.990%
41	14.469	1946	1952	1964	rBV	177496	263736	17.58%	1.574%
42	14.710	1989	1993	1996	rBV4	1655	3019	0.20%	0.018%
43	15.110	2057	2061	2066	rVB2	4049	5904	0.39%	0.035%
44	15.269	2082	2088	2095	rBV	683086	971409	64.74%	5.797%
45	15.386	2103	2108	2117	rBV	159916	221183	14.74%	1.320%
46	15.510	2121	2129	2135	rBV2	6870	9913	0.66%	0.059%
47	16.063	2219	2223	2225	rBV3	2064	2952	0.20%	0.018%
48	16.286	2259	2261	2266	rVB4	1556	2399	0.16%	0.014%
49	16.451	2286	2289	2294	rVB3	1152	1805	0.12%	0.011%
50	16.568	2306	2309	2313	rVB3	4053	5334	0.36%	0.032%
51	16.804	2346	2349	2350	rBV3	3465	2669	0.18%	0.016%
52	16.815	2350	2351	2355	rVB3	2468	1775	0.12%	0.011%
53	17.015	2379	2385	2391	rBV	843655	1174147	78.25%	7.006%
54	17.063	2391	2393	2396	rVV	9371	9327	0.62%	0.056%
55	17.115	2396	2402	2412	rVB	708761	960837	64.04%	5.733%
56	17.221	2419	2420	2424	rVB3	2717	1842	0.12%	0.011%
57	17.286	2429	2431	2434	rVB3	1864	2331	0.16%	0.014%
58	17.333	2434	2439	2441	rBV4	2528	3994	0.27%	0.024%
59	17.421	2450	2454	2458	rVB4	2256	3387	0.23%	0.020%
60	17.651	2490	2493	2499	rVB6	1853	3673	0.24%	0.022%
61	17.715	2502	2504	2508	rVB4	1651	1848	0.12%	0.011%
62	17.762	2510	2512	2514	rBV2	1865	1736	0.12%	0.010%
63	17.862	2528	2529	2532	rBV3	2441	2281	0.15%	0.014%
64	17.939	2537	2542	2549	rVV	84644	119176	7.94%	0.711%
65	18.004	2549	2553	2556	rVB	5905	9655	0.64%	0.058%
66	18.245	2589	2594	2598	rVB6	3097	5449	0.36%	0.033%
67	18.280	2598	2600	2601	rBV	2200	1540	0.10%	0.009%
68	18.368	2613	2615	2617	rVB2	2457	2234	0.15%	0.013%
69	18.392	2617	2619	2621	rBV2	2600	2590	0.17%	0.015%
70	18.439	2623	2627	2629	rBV5	1993	2492	0.17%	0.015%
71	18.504	2633	2638	2643	rBV7	5172	10230	0.68%	0.061%

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72	18.627	2657	2659	2660	rVB2	2803	1618	0.11%	0.010%
73	18.657	2660	2664	2665	rBV4	4731	5358	0.36%	0.032%
74	18.815	2687	2691	2694	rBV5	6735	9037	0.60%	0.054%
75	18.886	2701	2703	2707	rVB4	3578	3811	0.25%	0.023%
76	18.986	2718	2720	2721	rVB2	3643	2355	0.16%	0.014%
77	19.051	2727	2731	2732	rBV2	7406	8594	0.57%	0.051%
78	19.080	2732	2736	2741	rVB	26783	33922	2.26%	0.202%
79	19.221	2756	2760	2766	rBV2	34429	47301	3.15%	0.282%
80	19.298	2771	2773	2778	rVB4	6624	9006	0.60%	0.054%
81	19.415	2787	2793	2803	rBV	837124	1118162	74.52%	6.672%
82	19.992	2889	2891	2895	rBV4	5629	7086	0.47%	0.042%
83	20.951	3050	3054	3061	rBV2	134226	184283	12.28%	1.100%
84	21.209	3093	3098	3103	rBV	1185275	1416289	94.39%	8.451%
85	23.268	3442	3448	3455	rBV	643168	1127291	75.13%	6.727%
86	23.409	3466	3472	3483	rVB	834861	1500430	100.00%	8.953%

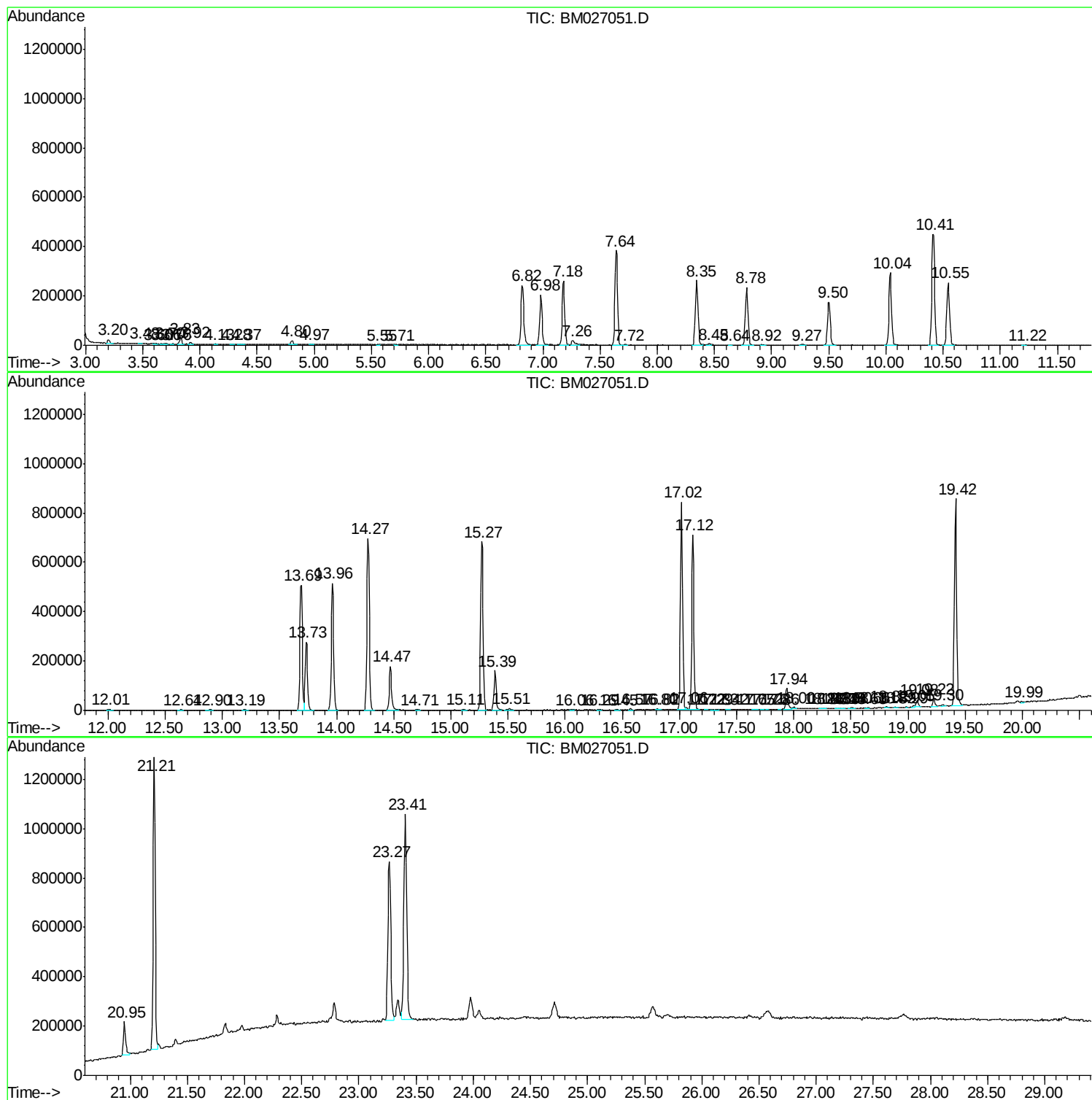
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



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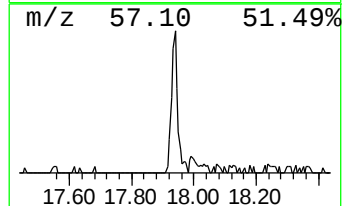
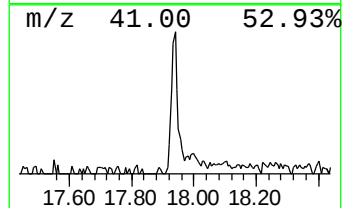
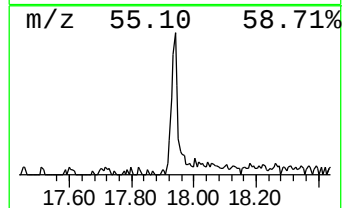
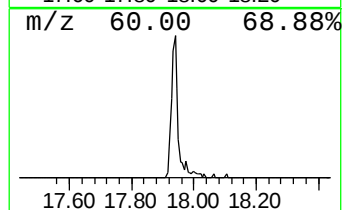
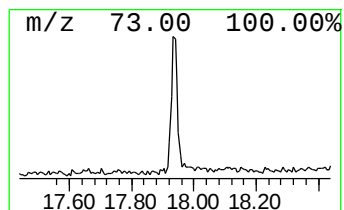
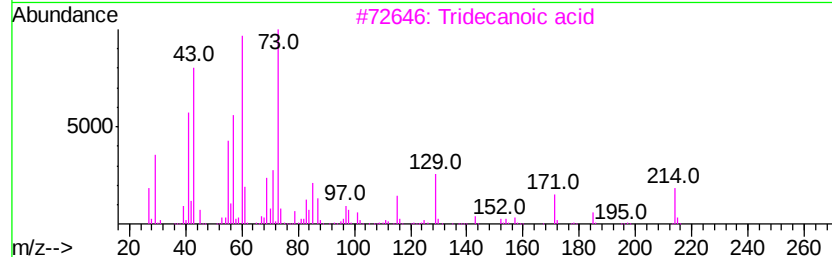
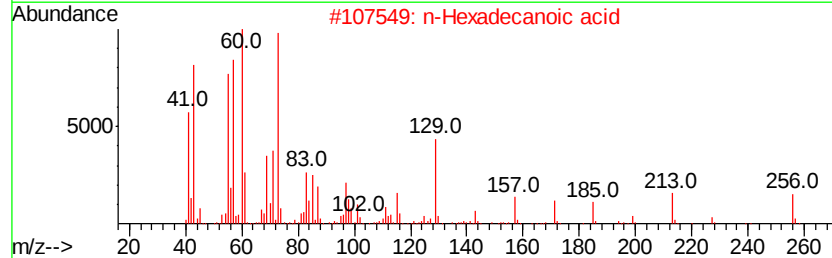
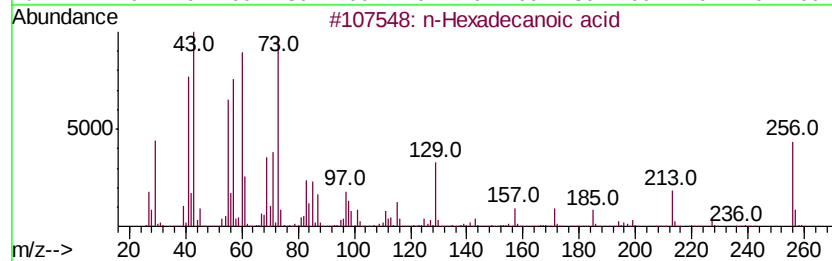
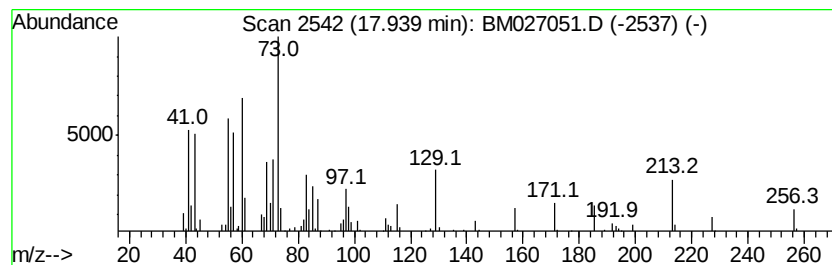
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.03 ng/ul	119176	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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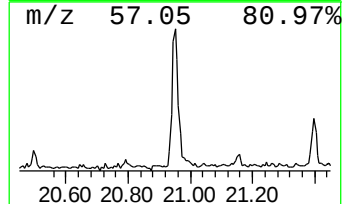
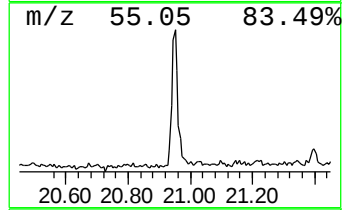
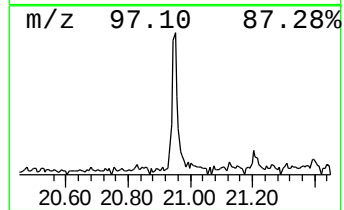
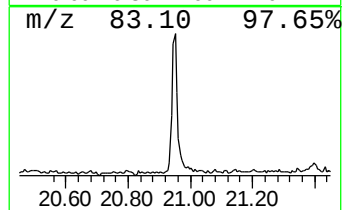
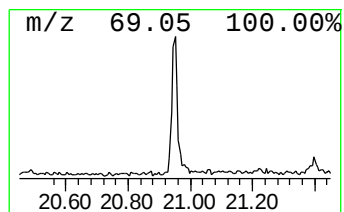
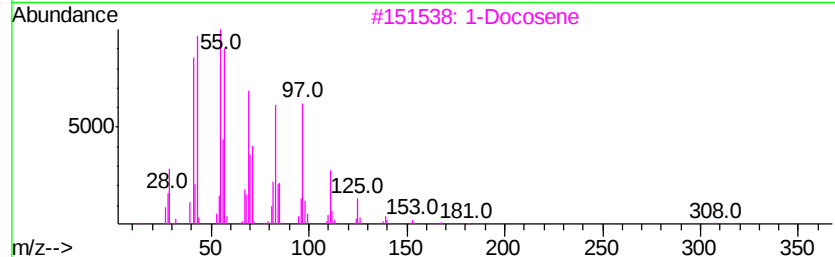
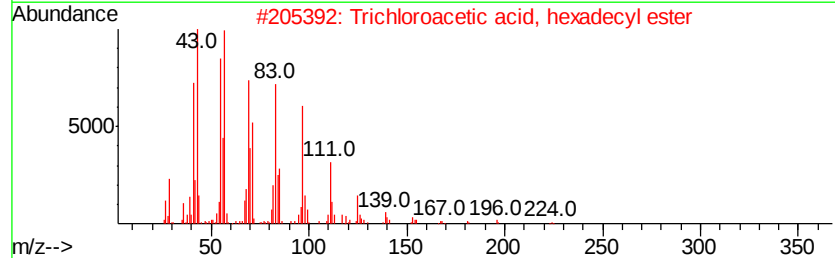
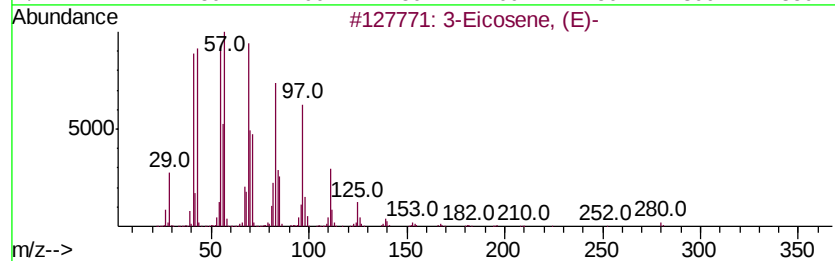
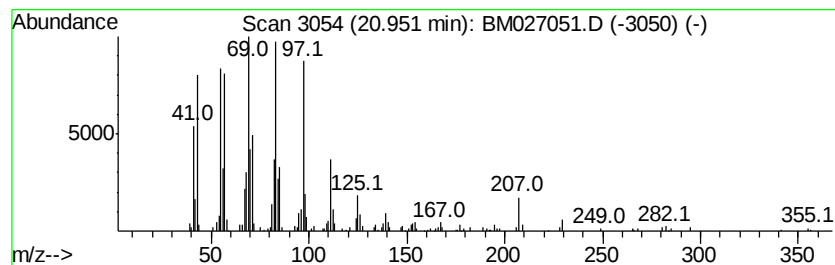
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.60 ng/ul	184283	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	87
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	81
3	1-Docosene		308	C22H44	001599-67-3	76
4	Cyclotetradecane		196	C14H28	000295-17-0	70
5	5-Eicosene, (E)-		280	C20H40	074685-30-6	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.94	2.0	ng/ul	119176	4	17.02	1174150	20.0
(DEL) Alkane: Str...	20.95	2.6	ng/ul	184283	5	21.21	1416290	20.0