

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021906.D
 Acq On : 16 May 2016 14:46
 Operator : UM/SJ
 Sample : H3095-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE8

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-BG050916.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	3.233	63	67	77	rVB3	10361	19907	1.09%	0.099%
2	3.544	115	120	125	rVB3	7325	11621	0.64%	0.058%
3	4.079	207	211	218	rVB4	3477	6568	0.36%	0.033%
4	4.525	282	287	294	rVV3	8540	14155	0.78%	0.070%
5	4.942	353	358	365	rVB5	3296	5991	0.33%	0.030%
6	7.310	753	761	775	rBV	127438	255432	14.01%	1.271%
7	7.481	781	790	802	rBV	108675	208798	11.45%	1.039%
8	7.692	817	826	836	rBV	141230	284957	15.63%	1.417%
9	8.162	896	906	920	rBV	192104	390881	21.44%	1.944%
10	8.861	1018	1025	1039	rBV	182250	384480	21.09%	1.912%
11	9.331	1096	1105	1120	rBV	124160	265509	14.57%	1.321%
12	10.060	1221	1229	1239	rBV	94946	203794	11.18%	1.014%
13	10.600	1313	1321	1337	rBV	196489	417839	22.92%	2.078%
14	10.982	1378	1386	1401	rVB	357738	736902	40.43%	3.665%
15	11.118	1401	1409	1427	rBV	119163	292850	16.07%	1.457%
16	11.981	1550	1556	1561	rVB3	5738	8820	0.48%	0.044%
17	12.369	1617	1622	1626	rVV3	4439	8193	0.45%	0.041%
18	12.628	1661	1666	1673	rVB2	6902	12258	0.67%	0.061%
19	12.845	1698	1703	1711	rVB3	6357	12289	0.67%	0.061%
20	13.309	1776	1782	1787	rVV3	3987	7453	0.41%	0.037%
21	13.391	1790	1796	1802	rVB3	2589	4792	0.26%	0.024%
22	13.591	1825	1830	1836	rBV3	8632	16628	0.91%	0.083%
23	13.667	1838	1843	1851	rVB4	6125	12160	0.67%	0.060%
24	13.961	1886	1893	1895	rBV4	4062	7434	0.41%	0.037%
25	14.114	1912	1919	1923	rBV5	8372	16852	0.92%	0.084%
26	14.185	1923	1931	1936	rVV	430607	717000	39.33%	3.566%
27	14.232	1936	1939	1945	rVV	106703	163627	8.98%	0.814%
28	14.343	1954	1958	1961	rBV3	3826	5232	0.29%	0.026%
29	14.484	1973	1982	1993	rBV	566919	989552	54.29%	4.922%
30	14.660	2008	2012	2021	rVB	25101	38898	2.13%	0.193%
31	14.790	2021	2034	2043	rBV2	630027	1131406	62.07%	5.628%
32	14.978	2060	2066	2083	rBV	80546	223128	12.24%	1.110%
33	15.177	2094	2100	2106	rVB8	7652	13224	0.73%	0.066%
34	15.266	2109	2115	2124	rVB7	6857	20265	1.11%	0.101%

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35	15.342	2124	2128	2132	rBV5	3231	4628	0.25%	0.023%
36	15.401	2134	2138	2142	rVB5	4147	5694	0.31%	0.028%
37	15.448	2142	2146	2150	rVB4	4619	6938	0.38%	0.035%
38	15.565	2160	2166	2169	rBV5	9722	16529	0.91%	0.082%
39	15.606	2169	2173	2179	rVB	40229	57537	3.16%	0.286%
40	15.777	2192	2202	2215	rBV	754600	1271556	69.76%	6.325%
41	15.888	2215	2221	2232	rVB	144748	237984	13.06%	1.184%
42	16.012	2235	2242	2247	rBV5	18926	38943	2.14%	0.194%
43	16.118	2254	2260	2264	rBV8	7006	13302	0.73%	0.066%
44	16.165	2264	2268	2272	rVB5	4850	7220	0.40%	0.036%
45	16.229	2275	2279	2282	rVB5	4936	6891	0.38%	0.034%
46	16.264	2283	2285	2290	rBV5	2931	5469	0.30%	0.027%
47	16.358	2299	2301	2305	rVB4	4039	5299	0.29%	0.026%
48	16.405	2305	2309	2315	rBV8	1977	4330	0.24%	0.022%
49	16.470	2315	2320	2329	rBV2	42848	101359	5.56%	0.504%
50	16.611	2339	2344	2346	rBV5	3845	5444	0.30%	0.027%
51	16.811	2371	2378	2379	rBV3	8799	12239	0.67%	0.061%
52	16.875	2386	2389	2394	rBV7	4886	6469	0.35%	0.032%
53	16.922	2395	2397	2401	rVB3	3968	4623	0.25%	0.023%
54	16.975	2403	2406	2411	rVB6	8784	11548	0.63%	0.057%
55	17.046	2414	2418	2419	rBV3	6198	6520	0.36%	0.032%
56	17.181	2436	2441	2449	rVB5	20992	37308	2.05%	0.186%
57	17.263	2449	2455	2460	rBV2	32352	51281	2.81%	0.255%
58	17.316	2460	2464	2467	rBV5	9127	12676	0.70%	0.063%
59	17.398	2474	2478	2485	rVB6	14083	23539	1.29%	0.117%
60	17.463	2485	2489	2493	rBV6	9907	15398	0.84%	0.077%
61	17.534	2493	2501	2506	rBV2	728271	1284353	70.46%	6.388%
62	17.575	2506	2508	2512	rVV	99376	133662	7.33%	0.665%
63	17.628	2512	2517	2531	rVB	714997	1267956	69.56%	6.307%
64	17.933	2565	2569	2573	rVV3	7287	12758	0.70%	0.063%
65	17.998	2576	2580	2584	rVV4	19389	30191	1.66%	0.150%
66	18.045	2584	2588	2591	rVB4	4888	7993	0.44%	0.040%
67	18.109	2596	2599	2601	rBV4	4861	6042	0.33%	0.030%
68	18.133	2601	2603	2607	rVB5	6208	8313	0.46%	0.041%
69	18.215	2613	2617	2620	rVB5	4221	5796	0.32%	0.029%
70	18.280	2623	2628	2633	rBV7	11363	19956	1.09%	0.099%
71	18.344	2634	2639	2644	rBV2	47085	78426	4.30%	0.390%

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72	18.403	2644	2649	2654	rVV2	116735	187937	10.31%	0.935%
73	18.474	2654	2661	2666	rVB2	49227	117357	6.44%	0.584%
74	18.591	2676	2681	2685	rBV3	26295	54576	2.99%	0.271%
75	18.691	2693	2698	2703	rBV4	23815	39309	2.16%	0.196%
76	18.897	2729	2733	2737	rBV2	17650	26619	1.46%	0.132%
77	18.944	2737	2741	2744	rVV5	9459	14366	0.79%	0.071%
78	19.143	2771	2775	2777	rVV5	10100	15725	0.86%	0.078%
79	19.185	2780	2782	2786	rVV4	6056	10230	0.56%	0.051%
80	19.232	2788	2790	2793	rVB4	5544	5970	0.33%	0.030%
81	19.308	2798	2803	2808	rBV2	41486	68486	3.76%	0.341%
82	19.355	2808	2811	2813	rVV3	7444	10923	0.60%	0.054%
83	19.396	2816	2818	2822	rVV4	11582	15346	0.84%	0.076%
84	19.455	2823	2828	2835	rVV6	15242	31063	1.70%	0.155%
85	19.572	2840	2848	2855	rBV	219635	370960	20.35%	1.845%
86	19.907	2898	2905	2917	rBV2	970280	1822874	100.00%	9.067%
87	20.007	2917	2922	2926	rVB3	14822	25083	1.38%	0.125%
88	20.172	2948	2950	2956	rVB3	15084	14828	0.81%	0.074%
89	20.254	2959	2964	2972	rVV7	14374	41568	2.28%	0.207%
90	20.413	2987	2991	2997	rVB2	66872	96589	5.30%	0.480%
91	20.518	3007	3009	3011	rBV	13364	12104	0.66%	0.060%
92	21.429	3160	3164	3169	rVB	97179	142843	7.84%	0.710%
93	21.682	3203	3207	3211	rVB	50643	74483	4.09%	0.370%
94	21.811	3221	3229	3236	rBV2	800260	1664404	91.31%	8.279%
95	22.622	3362	3367	3379	rVB5	61329	159918	8.77%	0.795%
96	24.085	3608	3616	3623	rBV	73351	239335	13.13%	1.190%
97	24.919	3749	3758	3767	rBV2	378015	1107559	60.76%	5.509%
98	25.148	3786	3797	3808	rBV2	480676	1523680	83.59%	7.579%
99	25.953	3927	3934	3943	rVB2	76345	233775	12.82%	1.163%
100	26.329	3991	3998	4014	rVB4	74139	241715	13.26%	1.202%

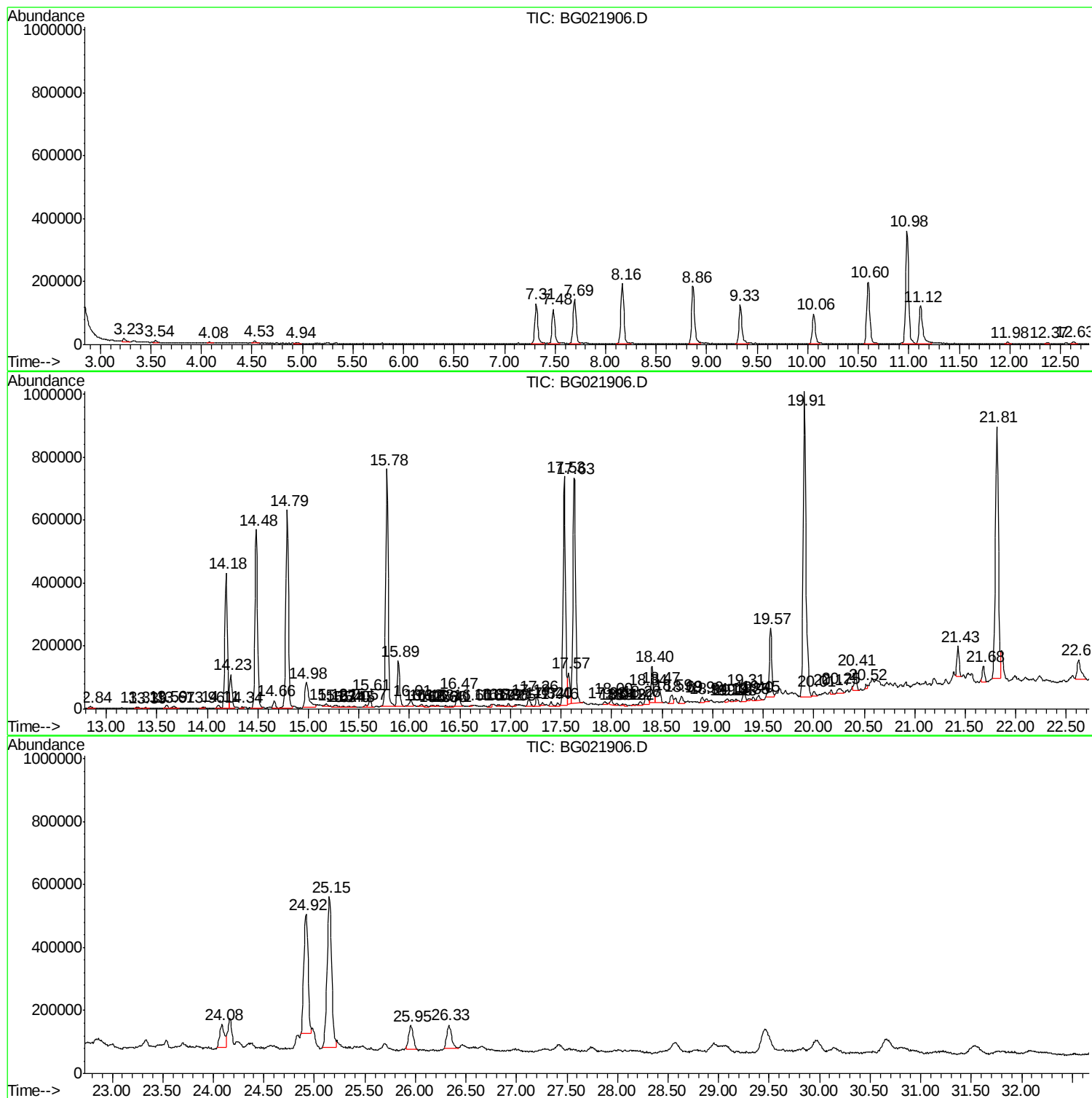
Sum of corrected areas: 20104690

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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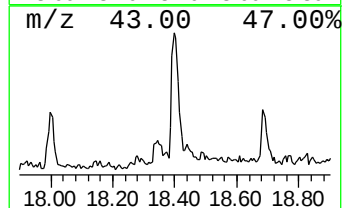
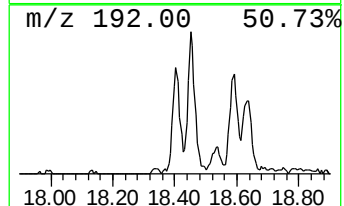
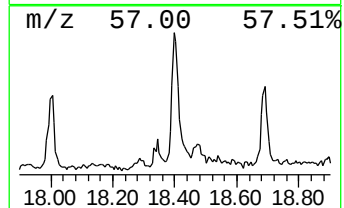
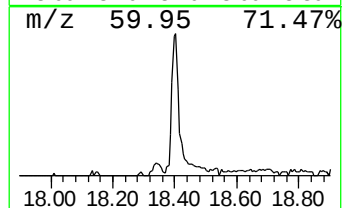
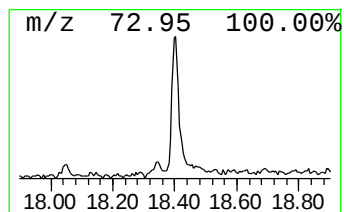
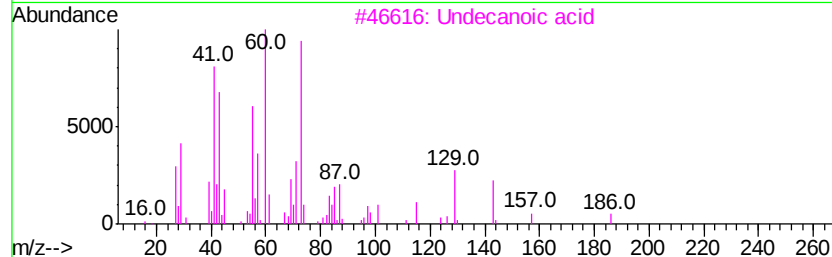
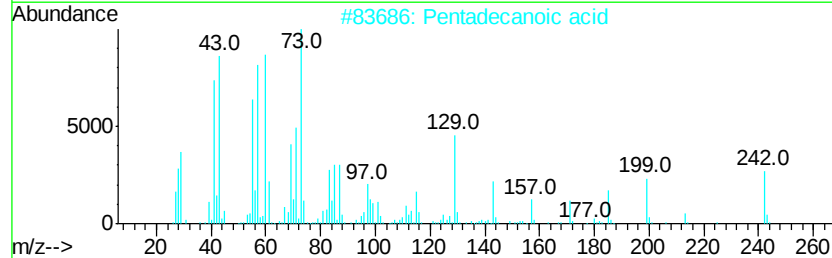
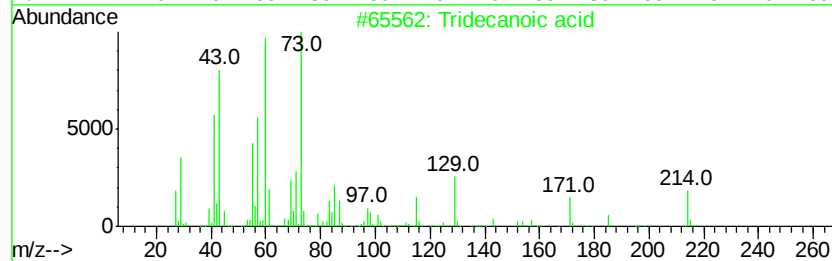
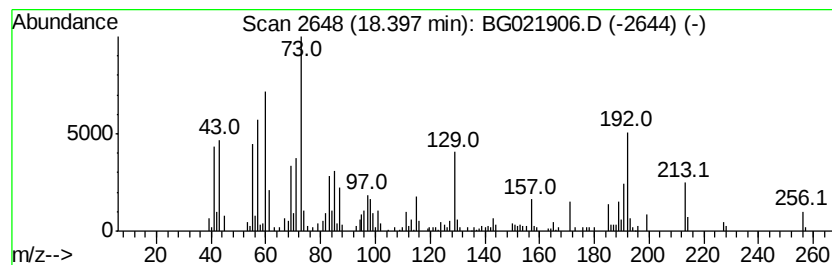
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.93 ng/ul	187937	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	83
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3		Undecanoic acid	186	C11H22O2	000112-37-8	38
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	25
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	25



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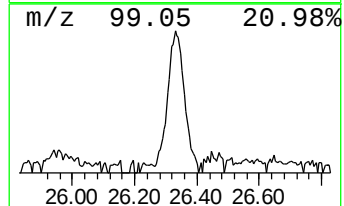
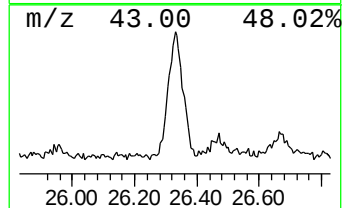
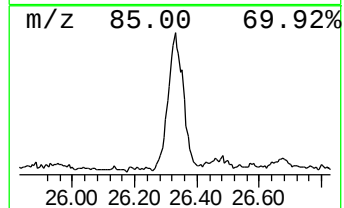
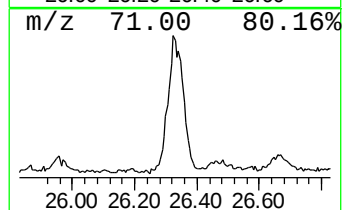
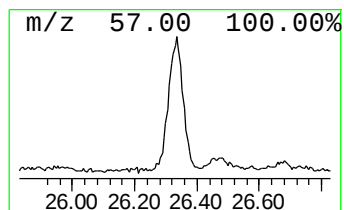
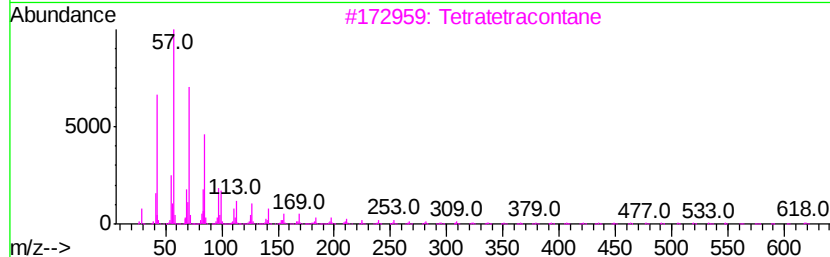
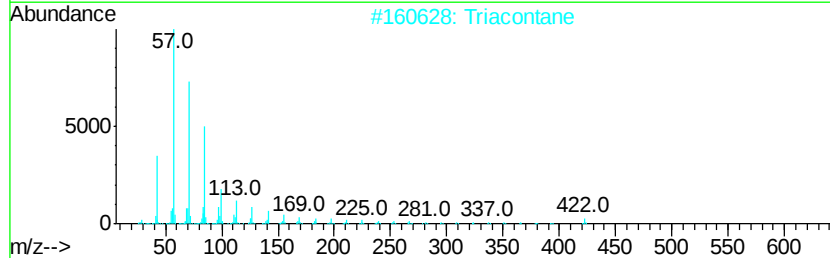
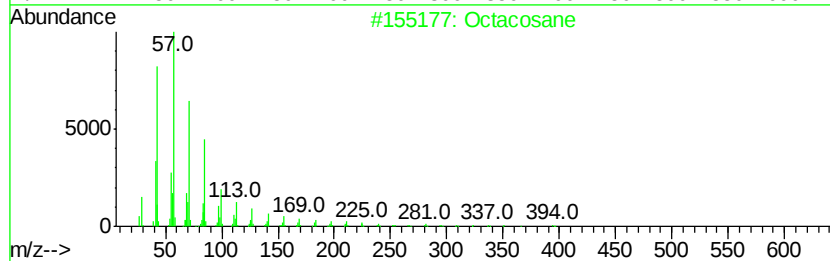
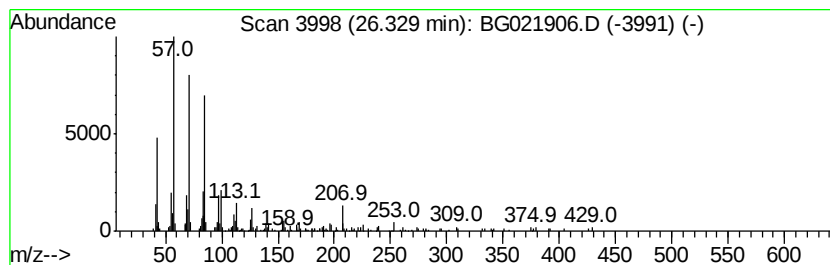
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	3.17 ng/ul	241715	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	83
2		Triacontane	422	C30H62	000638-68-6	83
3		Tetratetracontane	619	C44H90	007098-22-8	83
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.40	2.9	ng/ul	187937	4	17.53	1284350	20.0
unknown-01	25.95	3.1	ng/ul	233775	6	25.15	1523680	20.0
(DEL) Alkane: Str...	26.33	3.2	ng/ul	241715	6	25.15	1523680	20.0