LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120319\
Data File : BM023986.D
Acq On : 04 Dec 2019 01:01
Operator : JU
Sample : K5914-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNT2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM112719MA.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	3.034	22	25	31	rVB	78587	104599	1.11%	0.115%
2	3.652	126	130	137	rVB	44051	71489	0.76%	0.079%
3	3.734	141	144	147	rVB2	16430	22510	0.24%	0.025%
4	4.640	294	298	303	rBV	33324	52651	0.56%	0.058%
5	5.105	375	377	382	rBV5	6933	9949	0.11%	0.011%
6	6.669	636	643	660	rBV	1414135	2467562	26.12%	2.710%
7	6.828	665	670	690	rVB	1123802	1880787	19.91%	2.066%
8	7.016	695	702	714	rBV	1563176	2528845	26.77%	2.777%
9	7.481	774	781	792	rBV	1276225	2019228	21.37%	2.218%
10	7.569	792	796	803	rVB6	11695	20327	0.22%	0.022%
11	8.199	897	903	919	rBV	1718370	2852173	30.19%	3.133%
12	8.316	919	923	926	rVB4	10168	20642	0.22%	0.023%
13	8.634	969	977	989	rBV	1337126	2258114	23.90%	2.480%
14	9.075	1046	1052	1058	rVB2	21590	36575	0.39%	0.040%
15	9.351	1091	1099	1117	rBV	1107206	1882619	19.93%	2.068%
16	9.887	1183	1190	1210	rBV	1694248	2967586	31.41%	3.259%
17	10.251	1245	1252	1263	rVB	1673674	2788120	29.51%	3.062%
18	10.398	1270	1277	1298	rBV	1212929	2444241	25.87%	2.685%
19	11.816	1511	1518	1523	rBV2	54940	103316	1.09%	0.113%
20	11.857	1523	1525	1535	rVB2	26095	49303	0.52%	0.054%
21	12.751	1673	1677	1681	rBV4	8111	12884	0.14%	0.014%
22	13.057	1725	1729	1732	rBV4	8951	10948	0.12%	0.012%
23	13.475	1795	1800	1803	rVB6	9097	17131	0.18%	0.019%
24	13.563	1809	1815	1819	rBV	3027604	4105736	43.46%	4.509%
25	13.610	1819	1823	1834	rVV	1531263	2126358	22.51%	2.335%
26	13.828	1853	1860	1877	rBV	3541416	5190052	54.93%	5.700%
27	14.139	1905	1913	1923	rBV	2347339	3518573	37.24%	3.865%
28	14.251	1929	1932	1936	rVB4	6278	10111	0.11%	0.011%
29	14.375	1947	1953	1977	rBV	820855	1661030	17.58%	1.824%
30	14.557	1980	1984	1985	rVV4	13016	19029	0.20%	0.021%
31	14.592	1985	1990	2000	rVB2	95560	172464	1.83%	0.189%
32	14.969	2049	2054	2058	rBV3	9619	18595	0.20%	0.020%
33	15.028	2061	2064	2070	rBV8	7398	11725	0.12%	0.013%
34	15.145	2077	2084	2095	rBV	4394852	6349341	67.20%	6.974%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Title : SVOA CALIBRATION

35	15.222	2095	2097	2102	rVB6	9227	9667	0.10%	0.011%
36	15.286	2102	2108	2120	rBV	1032379	1511635	16.00%	1.660%
37	15.380	2120	2124	2129	rVB	48388	72234	0.76%	0.079%
38	15.586	2155	2159	2165	rBV6	12760	22011	0.23%	0.024%
39	15.845	2199	2203	2208	rVV7	7675	11188	0.12%	0.012%
40	15.892	2208	2211	2214	rVV6	7198	11475	0.12%	0.013%
41	15.927	2214	2217	2224	rVB7	16202	27364	0.29%	0.030%
42	16.339	2284	2287	2293	rBV6	8919	12044	0.13%	0.013%
43	16.580	2325	2328	2332	rVB5	8280	13054	0.14%	0.014%
44	16.692	2342	2347	2350	rBV2	11854	17240	0.18%	0.019%
45	16.845	2366	2373	2376	rBV8	8266	16994	0.18%	0.019%
46	16.898	2376	2382	2392	rVV	2682043	3812892	40.36%	4.188%
47	16.998	2392	2399	2413	rVV	4650585	6820257	72.19%	7.491%
48	17.110	2415	2418	2424	rVB8	18010	32965	0.35%	0.036%
49	17.316	2448	2453	2461	rVB9	23717	49251	0.52%	0.054%
50	17.698	2514	2518	2524	rBV9	14345	31686	0.34%	0.035%
51	17.821	2534	2539	2548	rBV	414107	646994	6.85%	0.711%
52	18.192	2598	2602	2608	rBV	71333	97319	1.03%	0.107%
53	18.251	2608	2612	2617	rVV6	30860	38090	0.40%	0.042%
54	18.380	2630	2634	2639	rVB7	21466	29321	0.31%	0.032%
55	18.757	2695	2698	2703	rBV5	20854	32637	0.35%	0.036%
56	18.939	2725	2729	2732	rBV3	48693	69348	0.73%	0.076%
57	19.116	2754	2759	2768	rBV2	114811	213135	2.26%	0.234%
58	19.192	2768	2772	2779	rVB	50270	81624	0.86%	0.090%
59	19.304	2785	2791	2801	rBV	6077455	8049466	85.20%	8.841%
60	19.886	2887	2890	2893	rVB	143945	134897	1.43%	0.148%
61	20.757	3035	3038	3043	rBV3	86711	115735	1.22%	0.127%
62	20.845	3049	3053	3060	rBV	575148	729138	7.72%	0.801%
63	21.104	3092	3097	3107	rBV	3402978	4373565	46.29%	4.804%
64	21.704	3196	3199	3209	rBV2	764909	1111988	11.77%	1.221%
65	22.633	3353	3357	3361	rVB	315250	424508	4.49%	0.466%
66	23.115	3432	3439	3445	rBV	5375931	9448072	100.00%	10.377%
67	23.245	3455	3461	3476	rVB	2873510	5175547	54.78%	5.684%

Sum of corrected areas: 91047954

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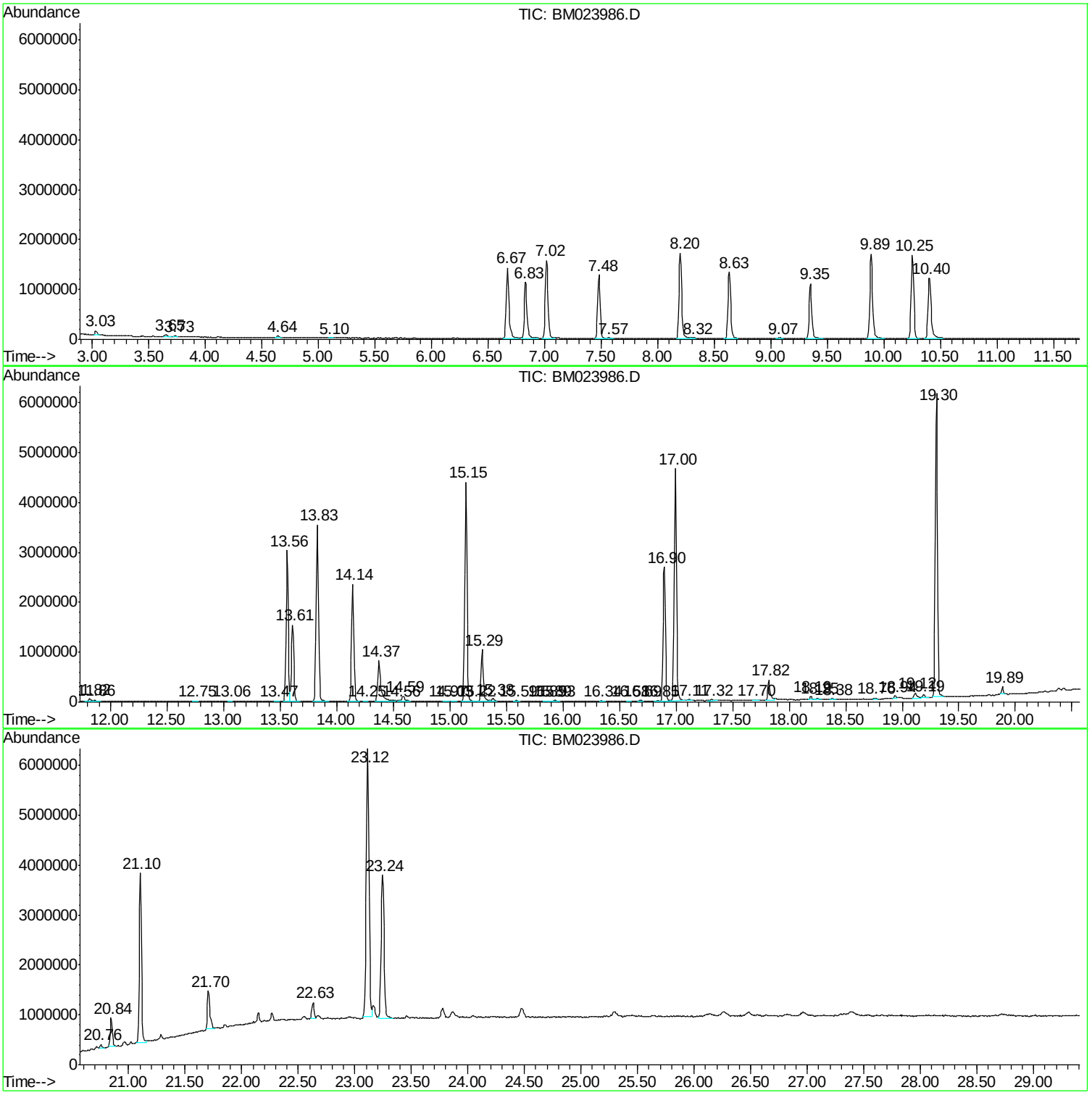
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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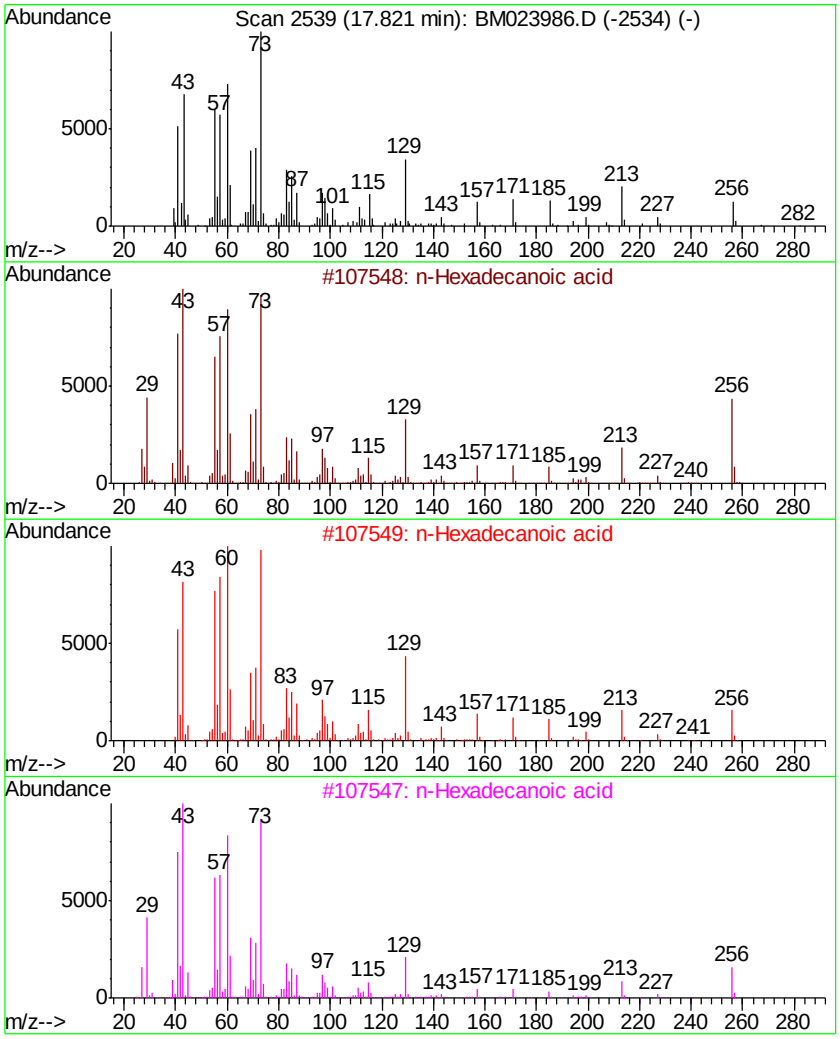
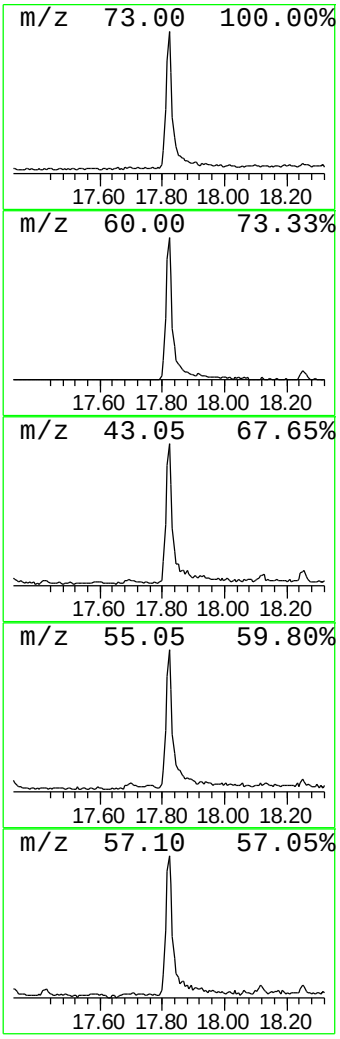
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.39 ng/ul	646994	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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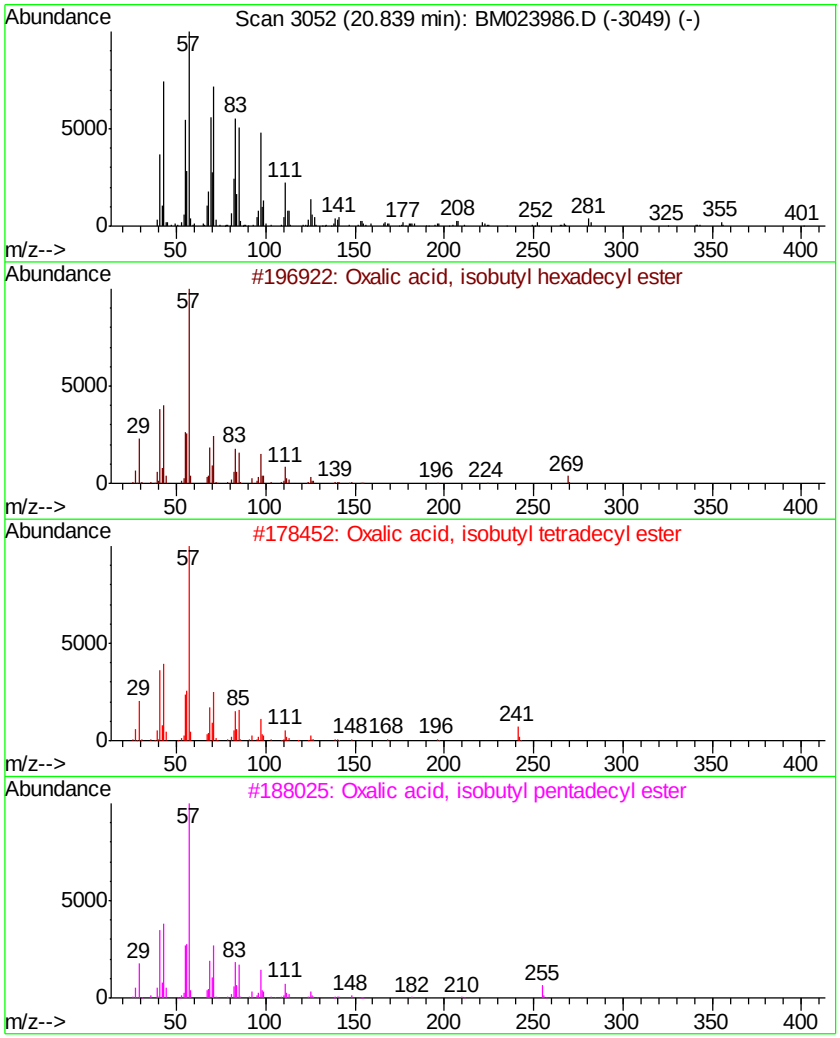
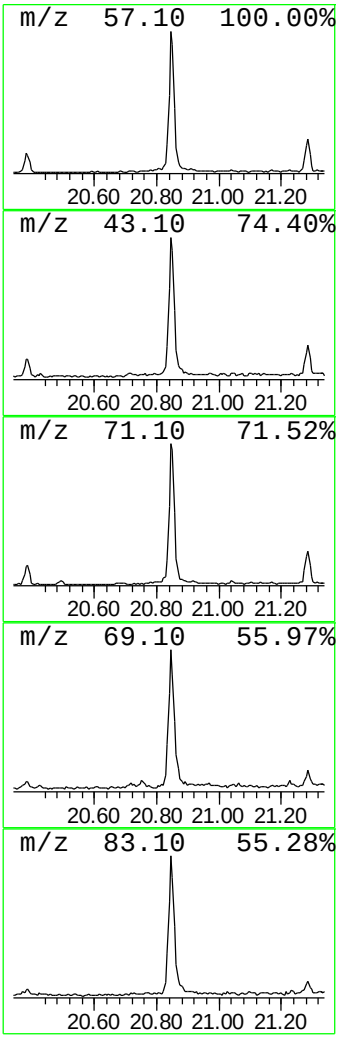
Peak Number 2 Oxalic acid, isobutyl hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.33 ng/ul	729138	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87





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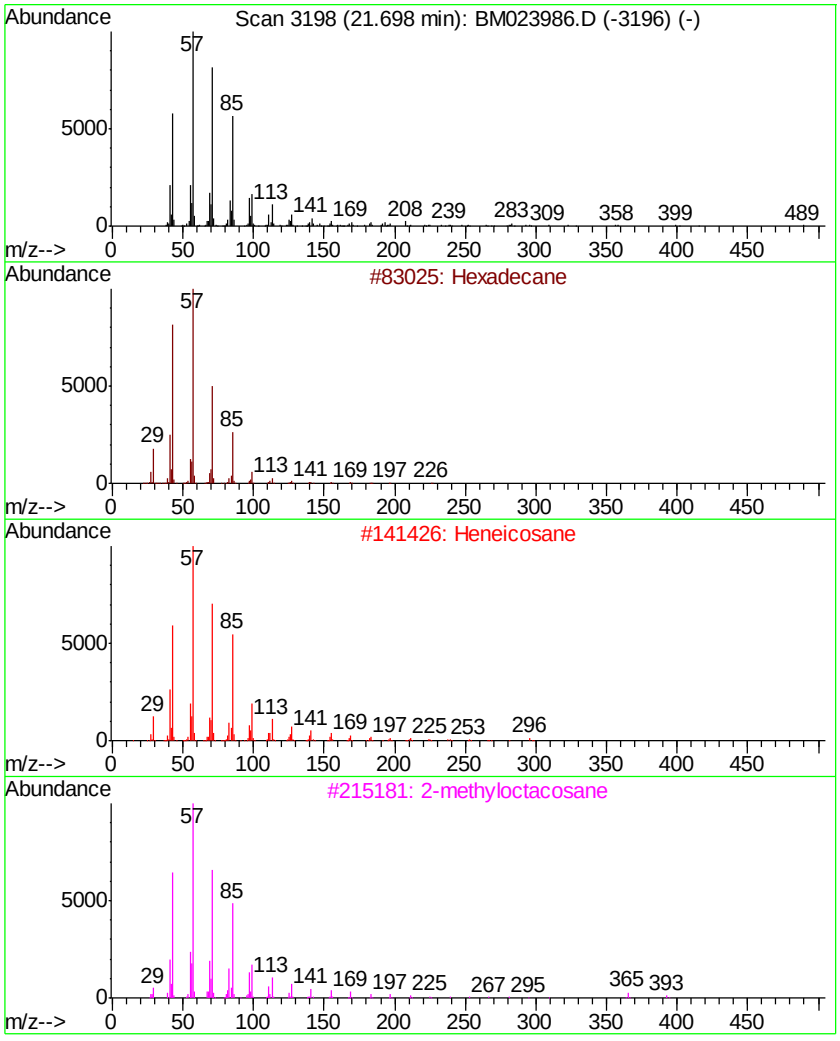
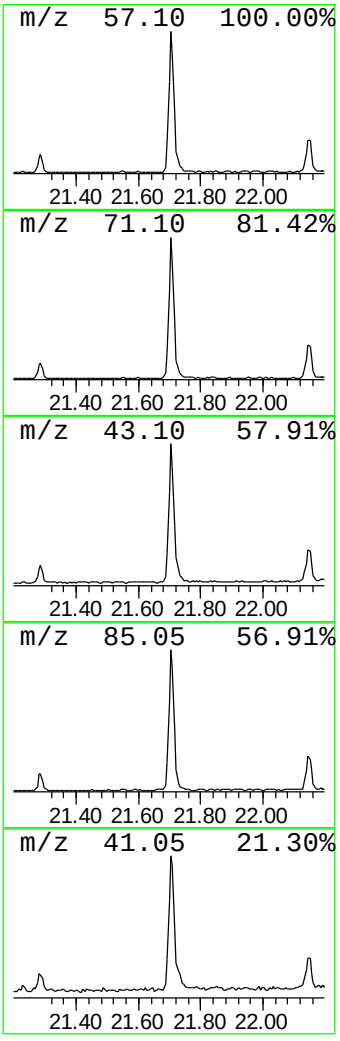
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	5.09 ng/ul	1111990	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heneicosane	296	C21H44	000629-94-7	86





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	3.4	ng/ul	646994	4	16.90	3812890	20.0
Oxalic acid, isob...	20.84	3.3	ng/ul	729138	5	21.10	4373570	20.0
(DEL) Alkane: Str...	21.70	5.1	ng/ul	1111990	5	21.10	4373570	20.0