LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013387.D
Acq On : 13 Dec 2017 23:09
Operator : SJ/JU
Sample : I6801-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A31

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	3.234	22	25	31	rVB3	34144	46516	1.12%	0.090%
2	4.846	295	299	305	rVB4	36247	52029	1.26%	0.101%
3	6.381	553	560	564	rVB5	30003	49080	1.19%	0.095%
4	6.863	634	642	654	rVB	746402	1317015	31.82%	2.554%
5	7.022	664	669	678	rVB	541933	855551	20.67%	1.659%
6	7.216	696	702	712	rVB	761555	1235599	29.85%	2.396%
7	7.681	774	781	788	rBV	759754	1225758	29.61%	2.377%
8	8.386	895	901	910	rBV	973571	1592740	38.48%	3.089%
9	8.834	970	977	987	rBV	788729	1306664	31.57%	2.534%
10	9.551	1093	1099	1108	rBV	673174	1097736	26.52%	2.129%
11	10.086	1183	1190	1199	rBV	1029349	1714936	41.43%	3.326%
12	10.463	1243	1254	1261	rBV	1066608	1773590	42.85%	3.440%
13	10.604	1269	1278	1290	rBV	760138	1326834	32.05%	2.573%
14	13.739	1805	1811	1816	rBV	1857883	2525993	61.02%	4.899%
15	13.786	1816	1819	1827	rVB	303023	414215	10.01%	0.803%
16	14.016	1851	1858	1866	rBV	2087692	2985716	72.13%	5.791%
17	14.233	1888	1895	1900	rVB2	35285	48106	1.16%	0.093%
18	14.327	1900	1911	1920	rBV2	1553342	2399290	57.96%	4.653%
19	14.539	1940	1947	1963	rBV	605975	1077660	26.03%	2.090%
20	15.186	2053	2057	2061	rVB2	46854	51401	1.24%	0.100%
21	15.321	2073	2080	2087	rBV	2596383	3587794	86.68%	6.958%
22	15.445	2096	2101	2114	rVV	669779	980653	23.69%	1.902%
23	15.563	2116	2121	2130	rVB5	33992	62189	1.50%	0.121%
24	16.051	2198	2204	2211	rBV3	34072	55459	1.34%	0.108%
25	16.727	2314	2319	2332	rBV	301558	455755	11.01%	0.884%
26	17.074	2372	2378	2384	rVV	2162689	2939650	71.02%	5.701%
27	17.174	2388	2395	2406	rVB2	2624232	3876351	93.65%	7.518%
28	17.974	2526	2531	2539	rBV2	225583	350619	8.47%	0.680%
29	18.304	2579	2587	2592	rBV10	39806	66039	1.60%	0.128%
30	18.656	2642	2647	2650	rBV3	56155	75819	1.83%	0.147%
31	18.698	2650	2654	2657	rVB2	110481	139571	3.37%	0.271%
32	18.898	2683	2688	2692	rBV7	44768	63532	1.53%	0.123%
33	19.056	2710	2715	2718	rBV7	27598	43524	1.05%	0.084%
34	19.115	2720	2725	2726	rVV2	36360	56536	1.37%	0.110%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	19.139	2726	2729	2733	rVV3	63236	88932	2.15%	0.172%
36	19.192	2735	2738	2744	rVB5	47734	63238	1.53%	0.123%
37	19.262	2746	2750	2757	rBV2	175404	251753	6.08%	0.488%
38	19.403	2770	2774	2779	rBV5	68192	99683	2.41%	0.193%
39	19.468	2779	2785	2793	rBV	3008226	4139291	100.00%	8.028%
40	19.703	2819	2825	2829	rBV9	53775	88968	2.15%	0.173%
41	19.762	2834	2835	2842	rVB7	44435	48867	1.18%	0.095%
42	19.868	2845	2853	2857	rBV7	53310	90350	2.18%	0.175%
43	19.921	2857	2862	2869	rBV9	156143	262010	6.33%	0.508%
44	20.145	2896	2900	2902	rVV5	49623	72661	1.76%	0.141%
45	20.174	2902	2905	2910	rVB7	57429	76599	1.85%	0.149%
46	20.256	2915	2919	2925	rBV2	125868	189540	4.58%	0.368%
47	20.350	2933	2935	2939	rVB5	46894	51497	1.24%	0.100%
48	20.456	2947	2953	2956	rBV2	90592	167443	4.05%	0.325%
49	20.827	3013	3016	3021	rBV6	61644	87930	2.12%	0.171%
50	20.956	3031	3038	3040	rBV2	320795	461684	11.15%	0.895%
51	20.986	3040	3043	3051	rVB	419186	549452	13.27%	1.066%
52	21.192	3074	3078	3079	rBV	87152	108444	2.62%	0.210%
53	21.262	3085	3090	3099	rBV	2364980	3058333	73.89%	5.932%
54	23.350	3438	3445	3456	rVB2	1750584	3359867	81.17%	6.516%
55	23.486	3462	3468	3475	rVB	1340774	2393899	57.83%	4.643%

Sum of corrected areas: 51560361

LSC Report - Integrated Chromatogram

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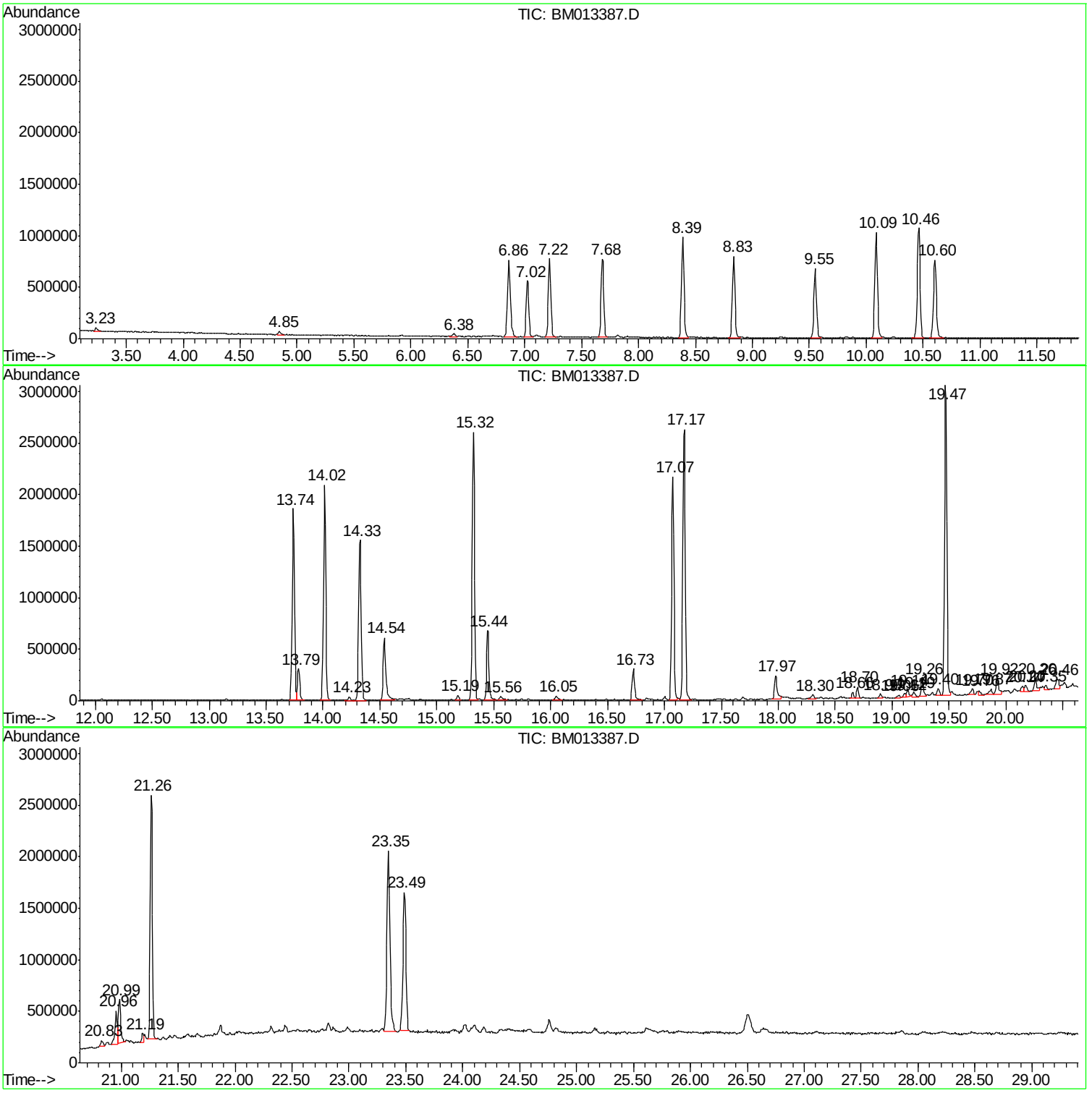
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A31

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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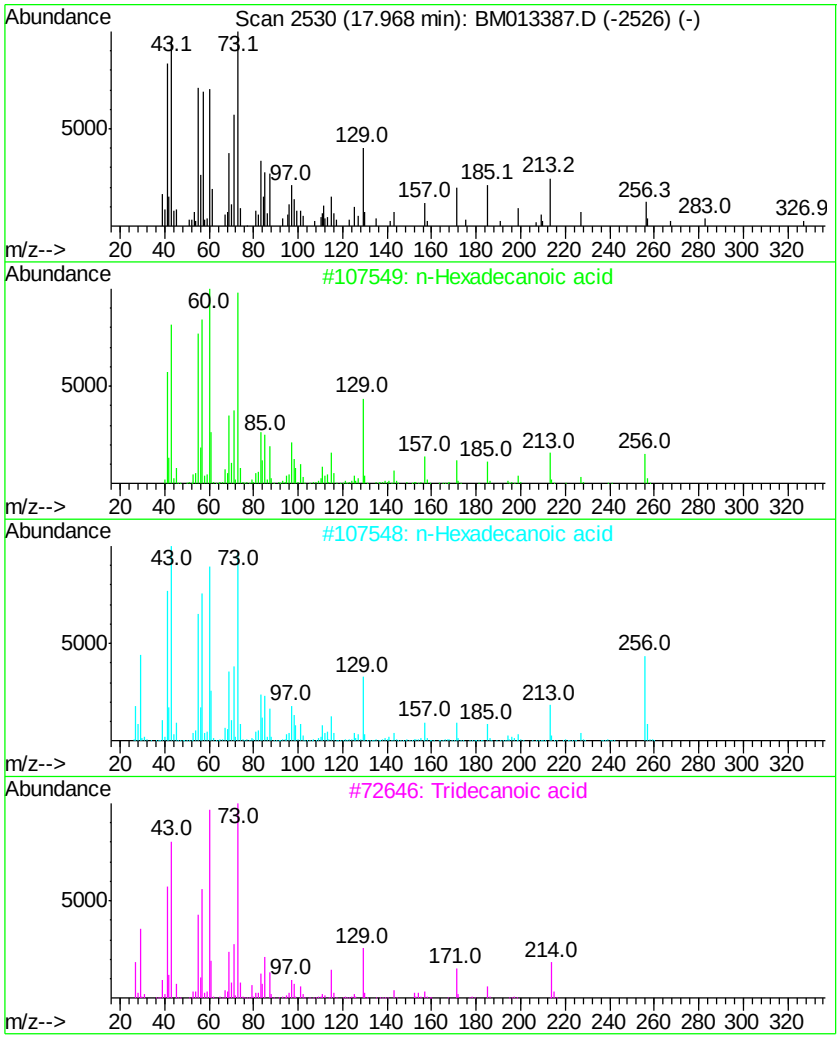
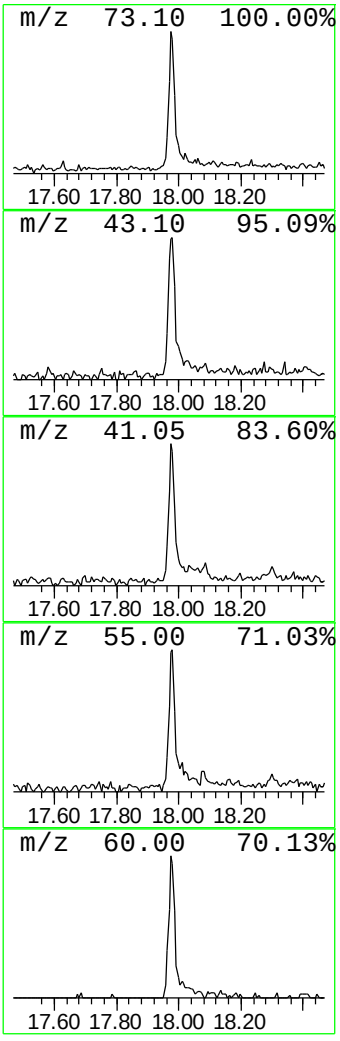
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.39 ng/ul	350619	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Instrument : BNA_M
ClientSampleId : F9A31

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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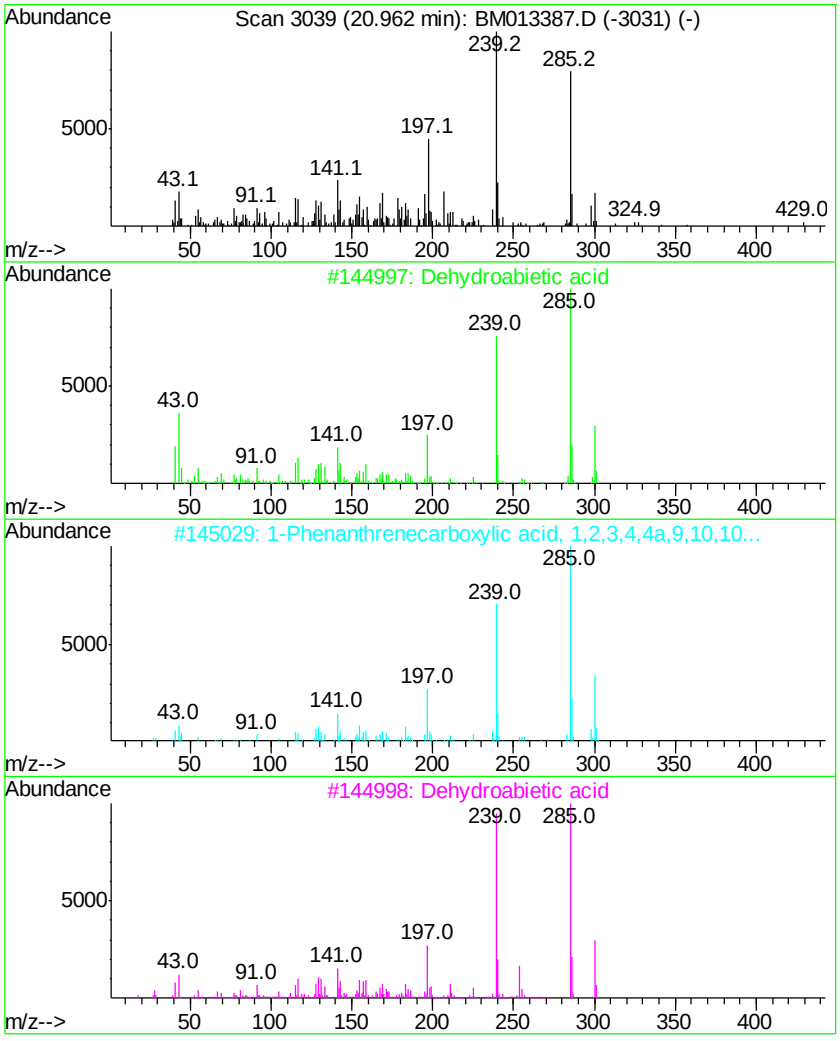
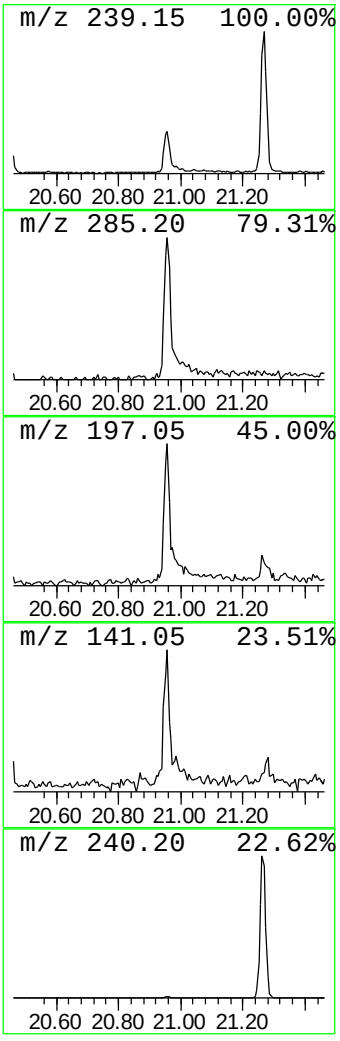
Peak Number 2 Dehydroabietic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.02 ng/ul	461684	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	90
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	62
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	50





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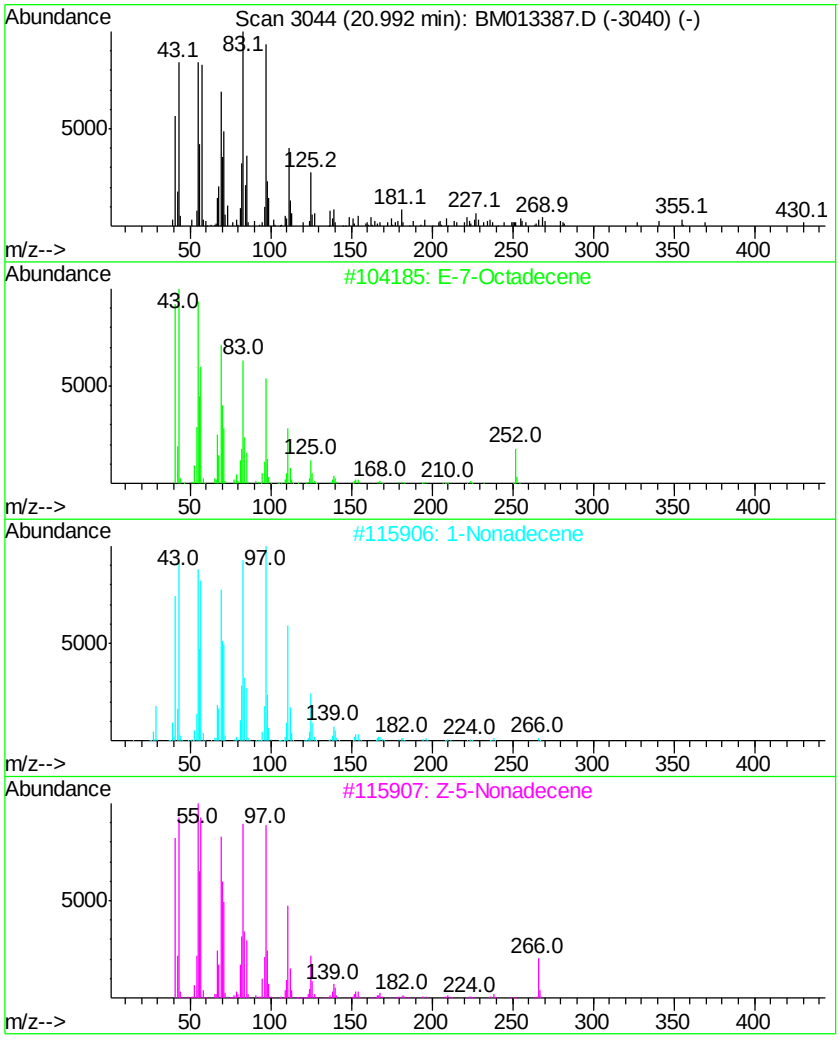
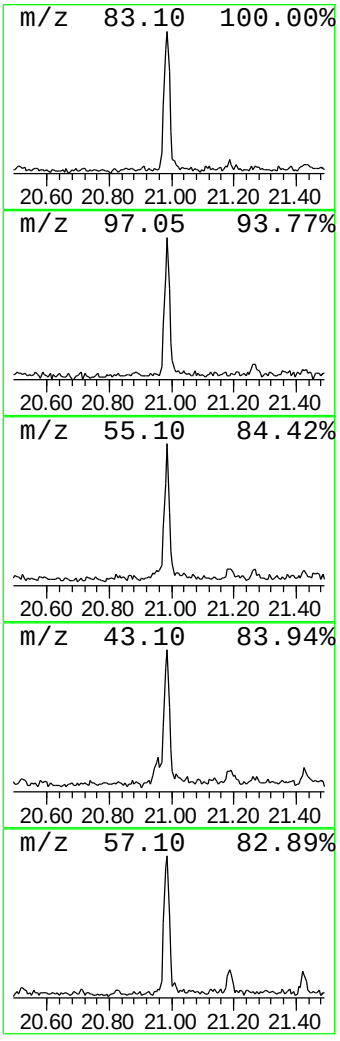
Peak Number 3 (DEL) Alkane: Cyclic20.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.59 ng/ul	549452	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	93
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
4	1-Tricosene	322	C23H46	018835-32-0	91
5	9-Nonadecene	266	C19H38	031035-07-1	89





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	17.97	2.4	ng/ul	350619	4	17.07	2939650	20.0
Dehydroabietic acid	20.96	3.0	ng/ul	461684	5	21.26	3058330	20.0
(DEL) Alkane: Cyc...	20.99	3.6	ng/ul	549452	5	21.26	3058330	20.0