LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113016\
Data File : BM008123.D
Acq On : 30 Nov 2016 21:34
Operator : UM/SJ
Sample : H5701-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WC2

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\SOM02.2-EPA-BM112916.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	2.999	66	70	75	rVB	28355	40139	1.23%	0.076%
2	6.857	720	726	747	rBV2	637252	1735781	53.22%	3.287%
3	7.040	752	757	770	rVV	329546	536194	16.44%	1.015%
4	7.234	784	790	813	rVB2	424192	836735	25.65%	1.585%
5	7.698	862	869	878	rBV	438968	729995	22.38%	1.382%
6	8.404	983	989	999	rBV	463597	845168	25.91%	1.601%
7	8.857	1059	1066	1082	rBV	402105	746165	22.88%	1.413%
8	9.575	1181	1188	1190	rBV	292346	522448	16.02%	0.989%
9	9.604	1190	1193	1204	rVB	393399	660800	20.26%	1.251%
10	10.110	1273	1279	1300	rBV	382565	859231	26.34%	1.627%
11	10.475	1330	1341	1346	rBV	616518	1082335	33.18%	2.050%
12	10.522	1346	1349	1356	rVB	211378	337447	10.35%	0.639%
13	10.645	1364	1370	1384	rBV	56974	133273	4.09%	0.252%
14	10.798	1389	1396	1404	rVB	450383	731063	22.41%	1.384%
15	11.786	1557	1564	1577	rBV	167554	351811	10.79%	0.666%
16	12.363	1654	1662	1676	rVB	490744	797754	24.46%	1.511%
17	12.516	1682	1688	1695	rBV	207185	336332	10.31%	0.637%
18	12.769	1724	1731	1742	rBV	301670	528354	16.20%	1.001%
19	13.163	1790	1798	1810	rBV	930050	1467874	45.00%	2.780%
20	13.751	1892	1898	1902	rBV	657968	916354	28.09%	1.735%
21	13.798	1902	1906	1920	rVB	572208	847147	25.97%	1.604%
22	13.933	1923	1929	1938	rBV	293025	479441	14.70%	0.908%
23	14.027	1938	1945	1955	rVB	1134990	1655700	50.76%	3.135%
24	14.333	1988	1997	2005	rBV	938587	1371792	42.06%	2.598%
25	14.580	2032	2039	2060	rBV3	364340	1104344	33.86%	2.091%
26	14.739	2060	2066	2072	rVB	377941	580142	17.79%	1.099%
27	15.180	2137	2141	2149	rVB	94171	112627	3.45%	0.213%
28	15.333	2161	2167	2174	rBV	1513005	2175087	66.68%	4.119%
29	15.492	2188	2194	2204	rBV4	190477	437221	13.40%	0.828%
30	15.580	2204	2209	2221	rVB6	29166	87663	2.69%	0.166%
31	16.045	2284	2288	2298	rBV2	71771	132380	4.06%	0.251%
32	16.392	2341	2347	2354	rBV	346103	497728	15.26%	0.943%
33	16.751	2402	2408	2418	rBV	265373	465133	14.26%	0.881%
34	16.839	2418	2423	2427	rVV	92668	118749	3.64%	0.225%

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Instrument : BNA_M
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Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Title : SVOA CALIBRATION

35	16.886	2427	2431	2439	rVB6	24139	42622	1.31%	0.081%
36	17.086	2459	2465	2468	rBV	1077773	1479139	45.35%	2.801%
37	17.127	2468	2472	2477	rVV	1517111	2118577	64.95%	4.012%
38	17.186	2477	2482	2486	rVV	1810546	2712095	83.15%	5.136%
39	17.221	2486	2488	2500	rVB	618143	750599	23.01%	1.421%
40	17.574	2543	2548	2555	rBV	51344	68757	2.11%	0.130%
41	18.051	2624	2629	2641	rVB	606830	745304	22.85%	1.411%
42	18.845	2760	2764	2768	rBV5	24671	42505	1.30%	0.080%
43	19.151	2807	2816	2824	rBV	1373053	1888536	57.90%	3.576%
44	19.486	2867	2873	2876	rBV	2149827	3261788	100.00%	6.177%
45	19.515	2876	2878	2888	rVB	1437698	1665206	51.05%	3.153%
46	20.986	3124	3128	3136	rBV2	115746	190823	5.85%	0.361%
47	21.186	3158	3162	3167	rBV	1262260	1369606	41.99%	2.594%
48	21.280	3173	3178	3181	rBV	1189340	1570349	48.14%	2.974%
49	21.315	3181	3184	3194	rVB	1210863	1679491	51.49%	3.180%
50	23.374	3528	3534	3539	rBV2	1546939	3030637	92.91%	5.739%
51	23.421	3539	3542	3551	rVB	765074	1310559	40.18%	2.482%
52	23.521	3553	3559	3568	rVB	761449	1516849	46.50%	2.872%
53	24.003	3637	3641	3648	rVB2	202708	364614	11.18%	0.690%
54	25.768	3933	3941	3953	rVB2	931751	2737456	83.93%	5.184%

Sum of corrected areas: 52805919

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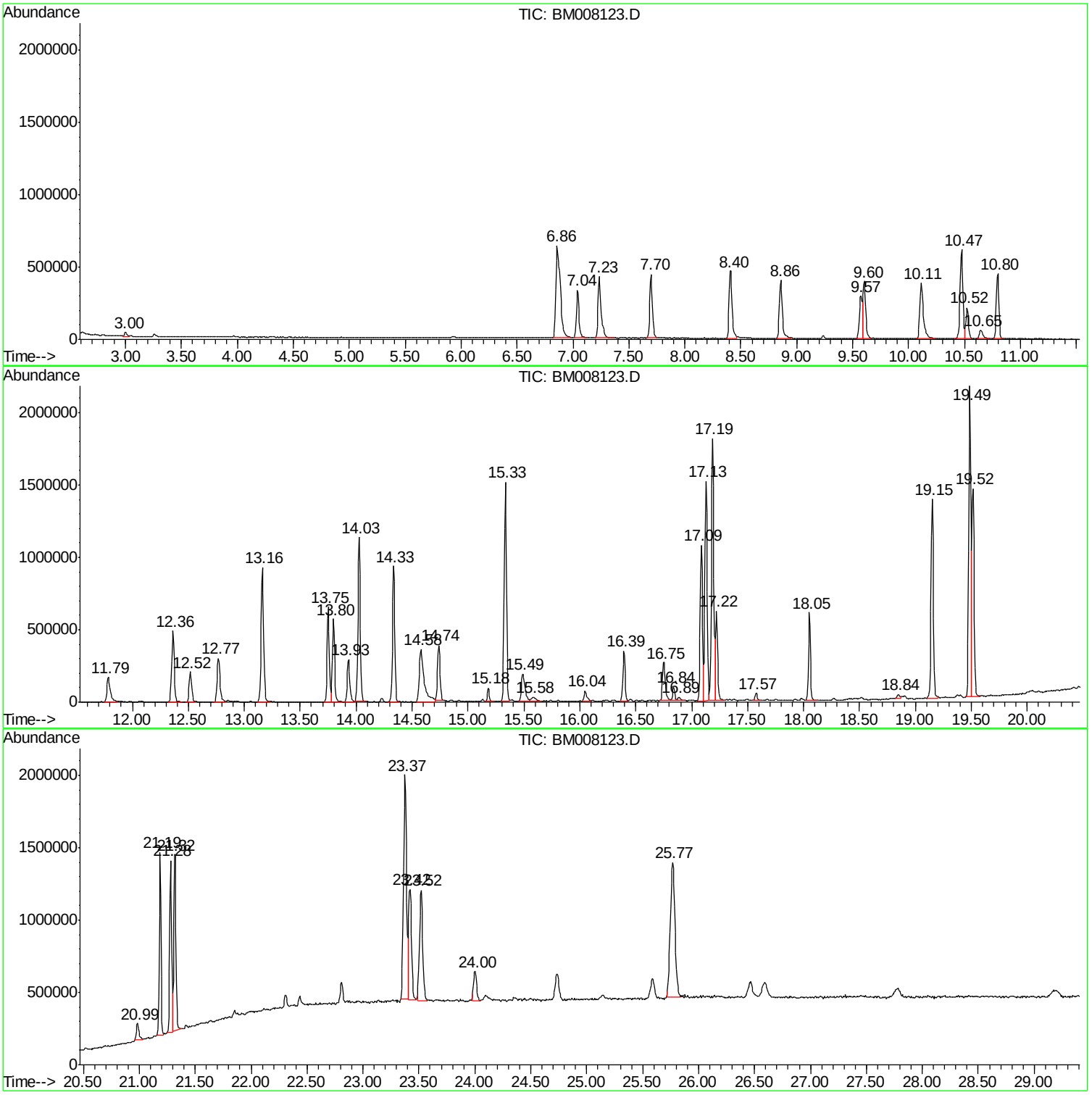
Instrument : BNA_M
ClientSampleId : A4WC2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

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



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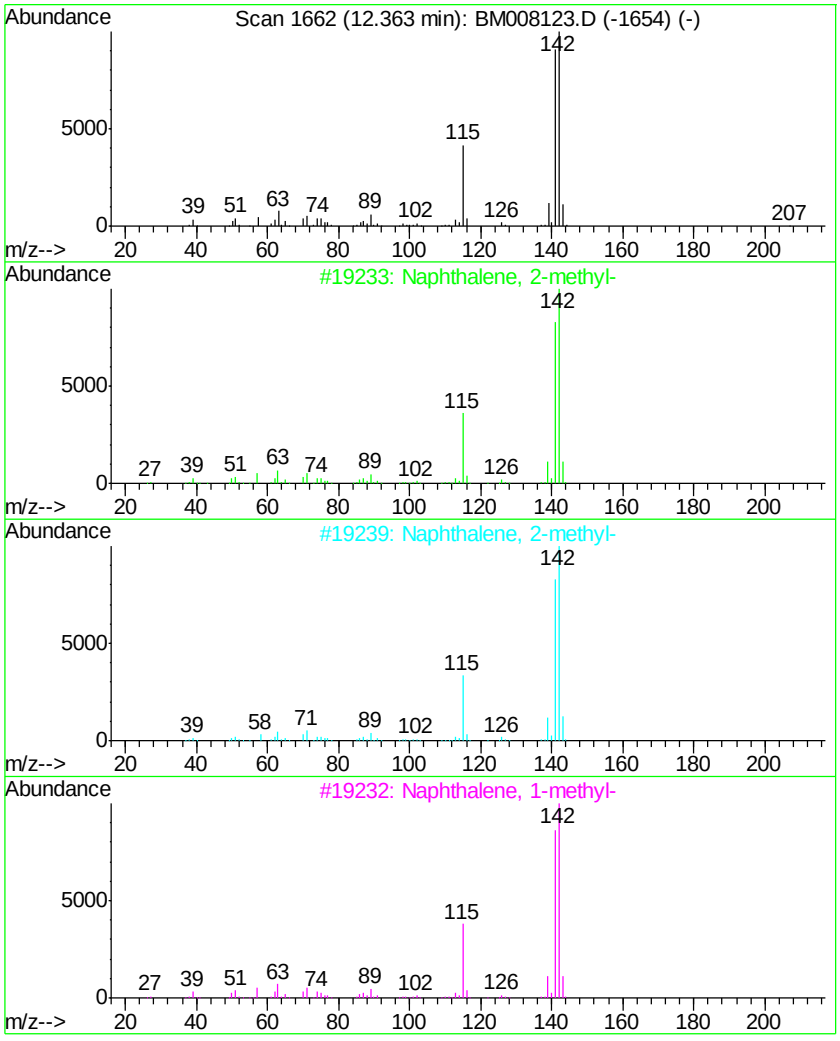
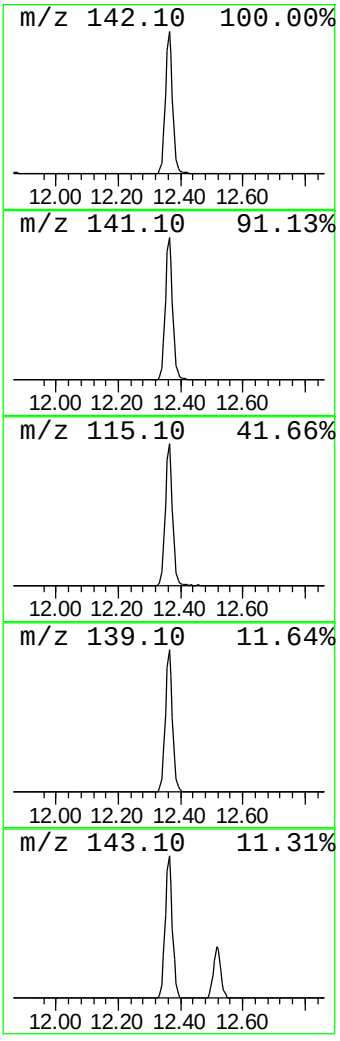
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	14.74 ng/ul	797754	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
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TIC Library : C:\DATABASE\NIST11.L
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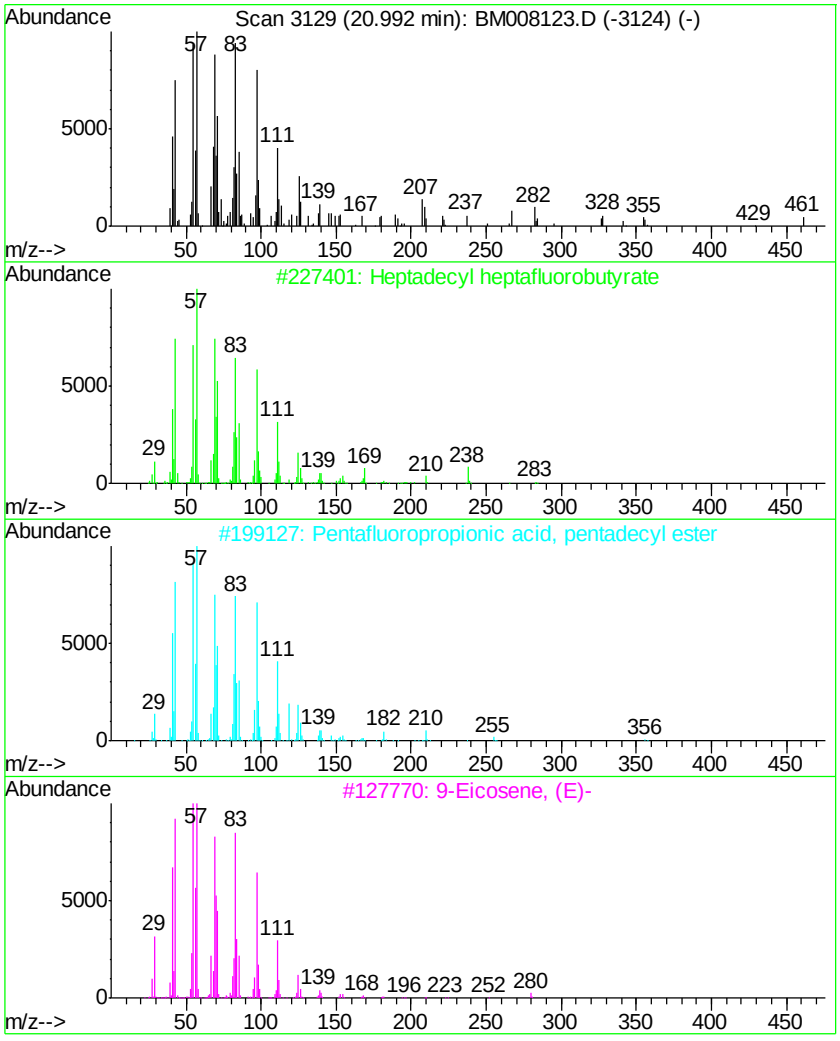
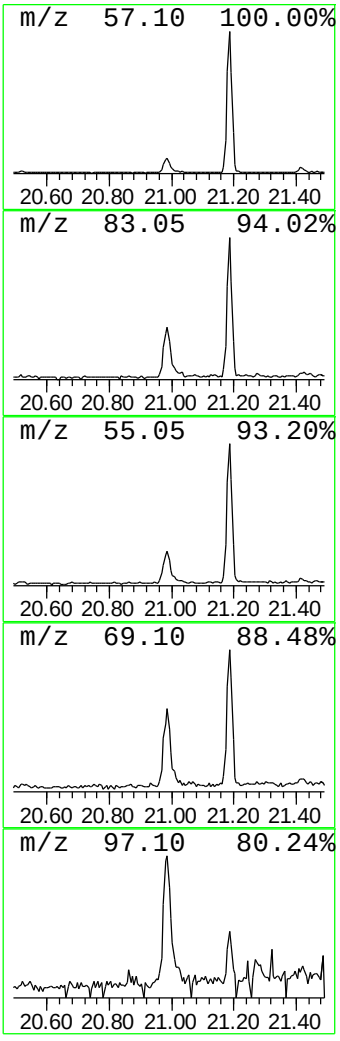
****
Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.43 ng/ul	190823	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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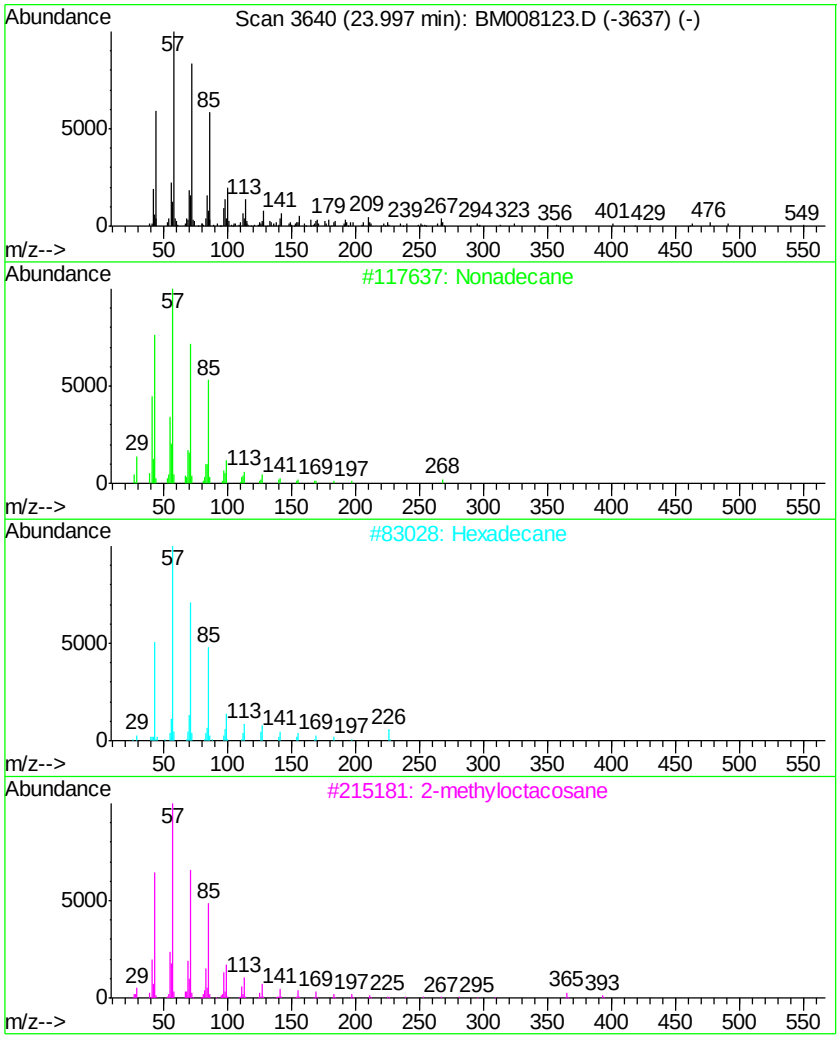
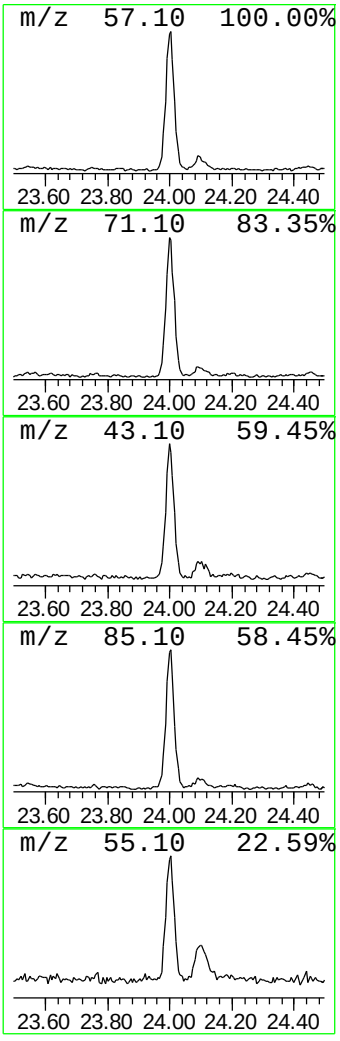
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	4.81 ng/ul	364614	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-me...	12.36	14.7	ng/ul	797754	2	10.47	1082340	20.0
Heptadecyl heptaf...	20.99	2.4	ng/ul	190823	5	21.28	1570350	20.0
(DEL) Alkane: Str...	24.00	4.8	ng/ul	364614	6	23.52	1516850	20.0