LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007215.D
Acq On : 18 Aug 2016 21:51
Operator : UM/SJ
Sample : H4445-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5N30

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-BM081116.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	4.946	396	401	410	rBV	55605	83636	1.28%	0.115%
2	5.581	504	509	524	rBV	194688	340363	5.20%	0.468%
3	6.969	738	745	753	rBV	887165	1449519	22.16%	1.995%
4	7.140	764	774	781	rBV	665651	1071577	16.38%	1.475%
5	7.334	800	807	819	rVV	935179	1510557	23.09%	2.079%
6	7.804	879	887	896	rBV	1121449	1807326	27.63%	2.487%
7	8.498	997	1005	1014	rVB	957687	1550120	23.70%	2.133%
8	8.957	1076	1083	1091	rBV	845032	1414950	21.63%	1.947%
9	9.675	1198	1205	1212	rBV	717731	1209497	18.49%	1.665%
10	10.204	1286	1295	1306	rBV	1136310	1934951	29.58%	2.663%
11	10.586	1351	1360	1366	rBV	1441870	2478705	37.90%	3.411%
12	10.722	1375	1383	1392	rBV	407713	740393	11.32%	1.019%
13	13.845	1904	1914	1918	rBV	1942218	2857426	43.69%	3.932%
14	13.886	1918	1921	1929	rVB	727340	1037149	15.86%	1.427%
15	14.127	1951	1962	1971	rBV	2196699	3373746	51.58%	4.643%
16	14.392	2001	2007	2009	rBV	257194	339900	5.20%	0.468%
17	14.433	2009	2014	2021	rVB2	2096055	3242086	49.57%	4.462%
18	14.627	2040	2047	2062	rBV	866919	1408018	21.53%	1.938%
19	14.786	2067	2074	2079	rVV	49329	97964	1.50%	0.135%
20	15.286	2155	2159	2164	rVB	58860	71465	1.09%	0.098%
21	15.427	2176	2183	2189	rBV	2940829	4218835	64.50%	5.806%
22	15.545	2196	2203	2216	rVB	685447	1025048	15.67%	1.411%
23	15.668	2219	2224	2227	rBV2	40256	70541	1.08%	0.097%
24	16.145	2297	2305	2308	rBV	125498	189521	2.90%	0.261%
25	16.721	2398	2403	2407	rBV2	50142	80245	1.23%	0.110%
26	16.939	2436	2440	2446	rBV2	71776	117792	1.80%	0.162%
27	16.992	2446	2449	2458	rVB3	41329	66386	1.01%	0.091%
28	17.174	2474	2480	2485	rBV	2717399	3996175	61.10%	5.500%
29	17.215	2485	2487	2491	rVV	176260	213925	3.27%	0.294%
30	17.274	2491	2497	2507	rVB2	3258308	4645232	71.02%	6.393%
31	18.068	2626	2632	2641	rVV3	247749	484866	7.41%	0.667%
32	18.245	2657	2662	2666	rBV3	47561	88451	1.35%	0.122%
33	19.133	2804	2813	2818	rBV5	79011	192146	2.94%	0.264%
34	19.203	2821	2825	2826	rVV	57405	80577	1.23%	0.111%

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Title : SVOA CALIBRATION

35	19.233	2826	2830	2836	rVB	484737	676501	10.34%	0.931%
36	19.351	2843	2850	2853	rBV4	73598	142682	2.18%	0.196%
37	19.456	2865	2868	2874	rBV3	35218	72537	1.11%	0.100%
38	19.568	2881	2887	2900	rVB	4216797	6399853	97.84%	8.808%
39	20.015	2958	2963	2967	rBV	248329	325965	4.98%	0.449%
40	20.098	2973	2977	2984	rVB6	156519	265372	4.06%	0.365%
41	20.186	2990	2992	2996	rVB2	52966	71945	1.10%	0.099%
42	20.245	2997	3002	3007	rVV4	65691	143872	2.20%	0.198%
43	21.074	3140	3143	3151	rBV4	266925	390692	5.97%	0.538%
44	21.356	3185	3191	3195	rBV	4338401	5933555	90.71%	8.166%
45	21.392	3195	3197	3203	rVB	346847	421999	6.45%	0.581%
46	21.509	3215	3217	3222	rVB5	65030	74350	1.14%	0.102%
47	21.950	3289	3292	3298	rBV3	118827	212828	3.25%	0.293%
48	22.627	3404	3407	3415	rVB5	128241	214793	3.28%	0.296%
49	22.939	3455	3460	3465	rBV3	430747	831012	12.70%	1.144%
50	23.486	3546	3553	3568	rVB2	3131502	6540901	100.00%	9.002%
51	23.633	3570	3578	3593	rVB	2737828	5529412	84.54%	7.610%
52	24.168	3664	3669	3677	rVB2	298226	583786	8.93%	0.803%
53	24.927	3794	3798	3806	rVB2	161030	341315	5.22%	0.470%

Sum of corrected areas: 72662458

LSC Report - Integrated Chromatogram

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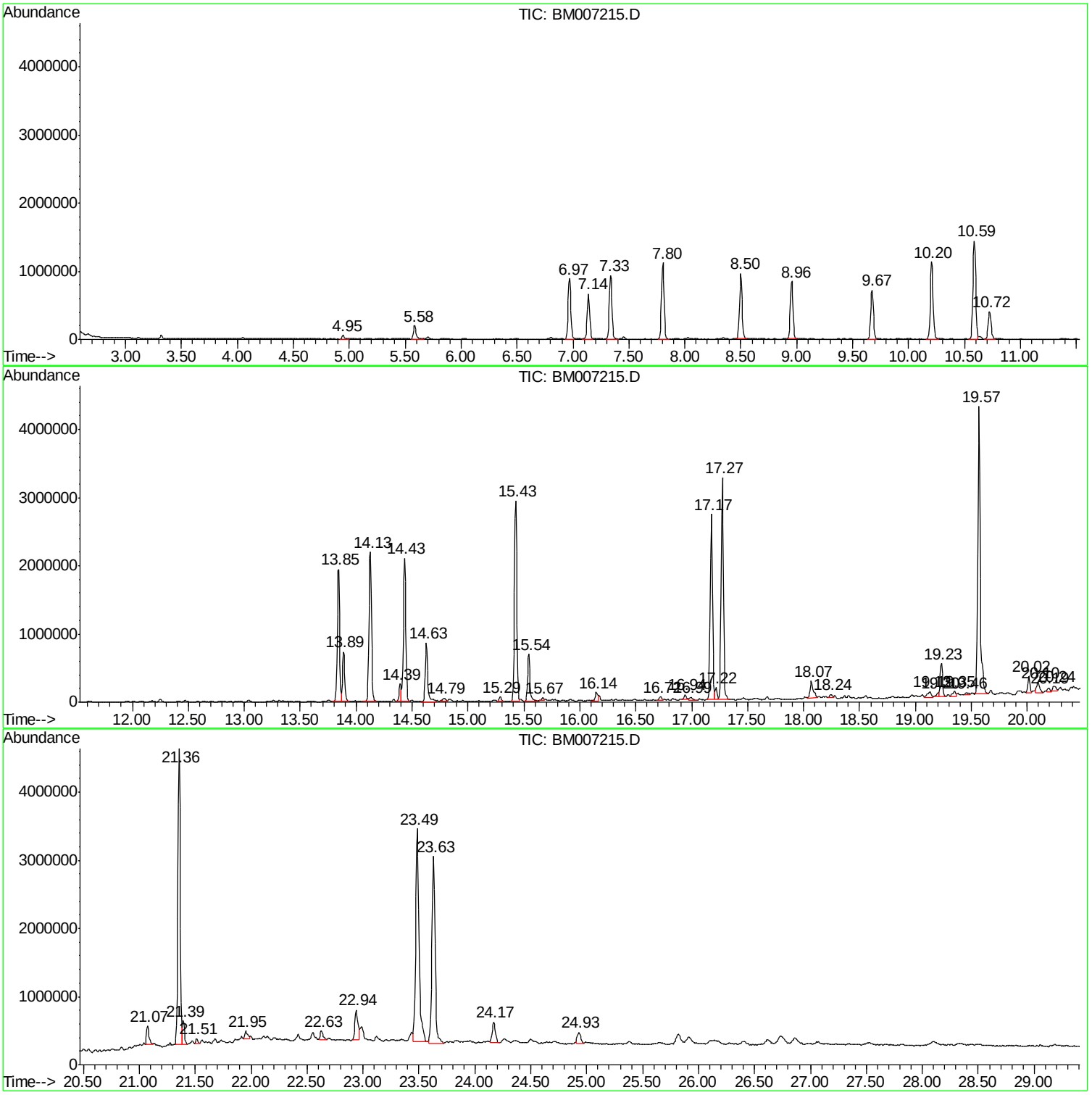
Sample : H4445-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5N30

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : E5N30

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Quant Title : SVOA CALIBRATION

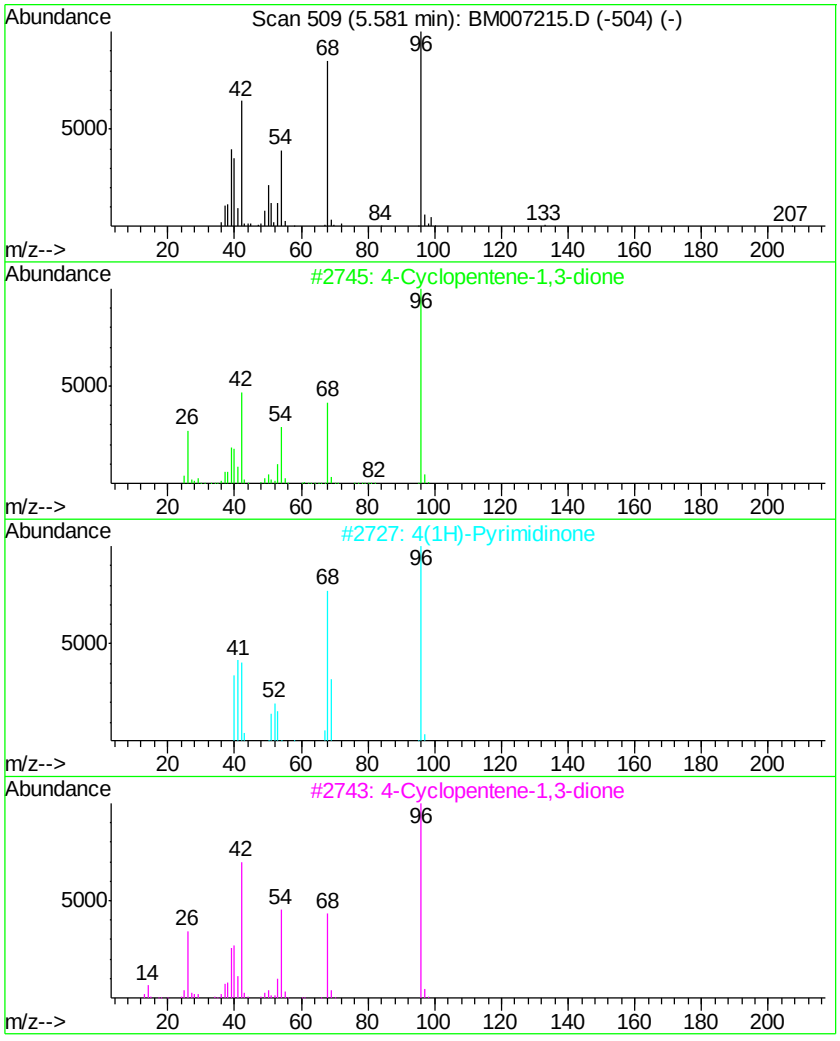
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

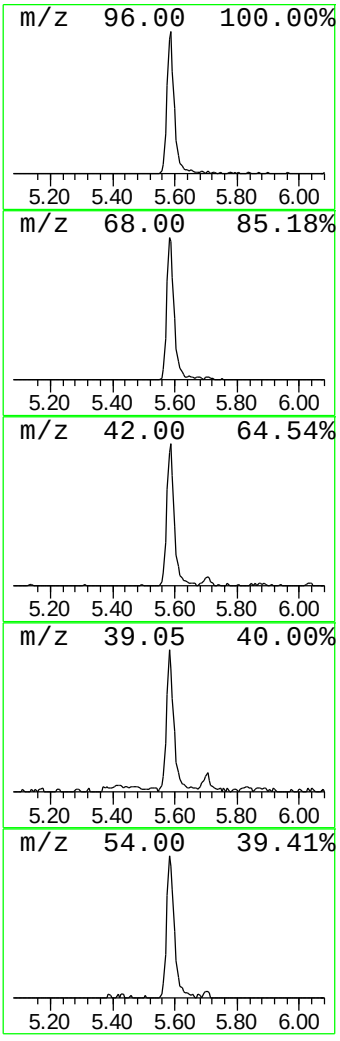
****

Peak Number 1 4-Cyclopentene-1,3-dione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	3.77 ng/ul	340363	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	62
2	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	52
3	4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	52
4	Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	50
5	3(2H)-Pyridazinone	96	C4H4N2O	000504-30-3	49





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Operator : UM/SJ
Sample : H4445-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5N30

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

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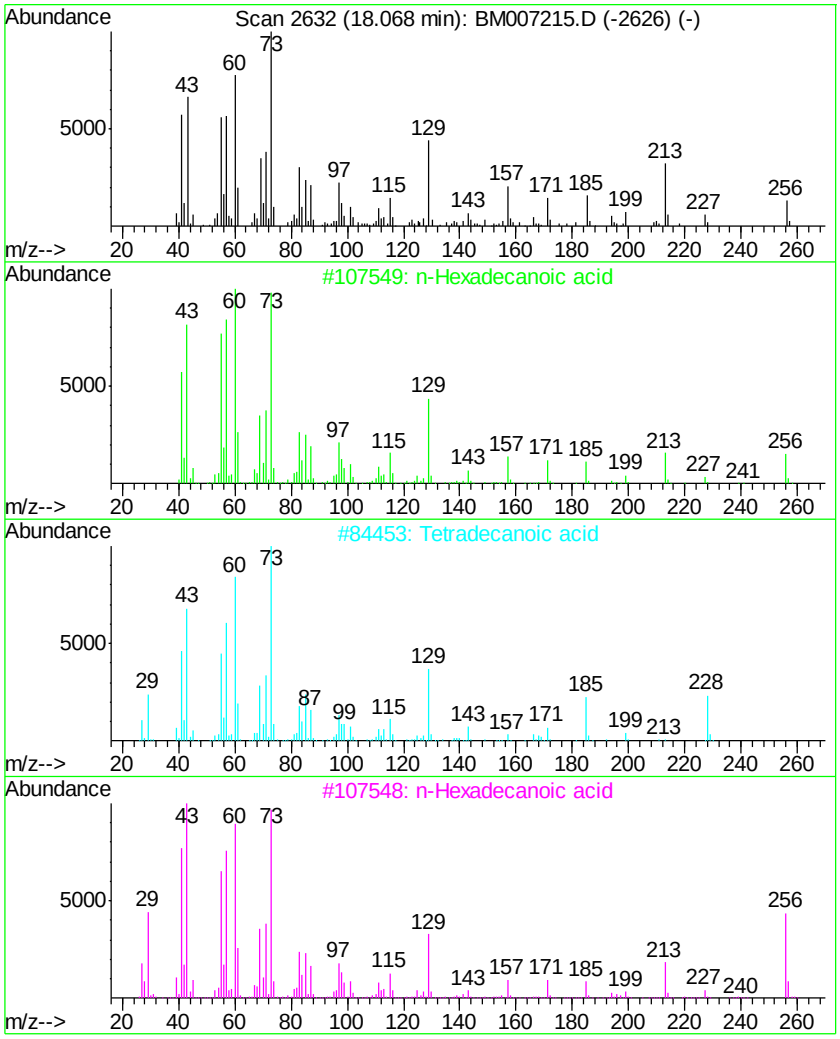
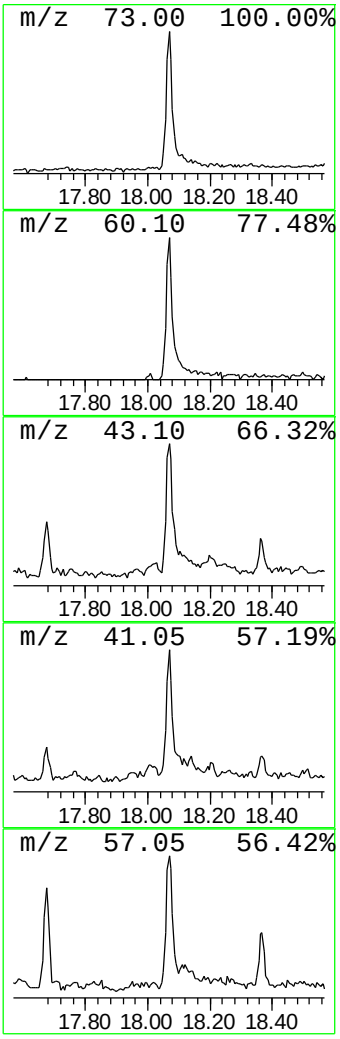
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.43 ng/ul	484866	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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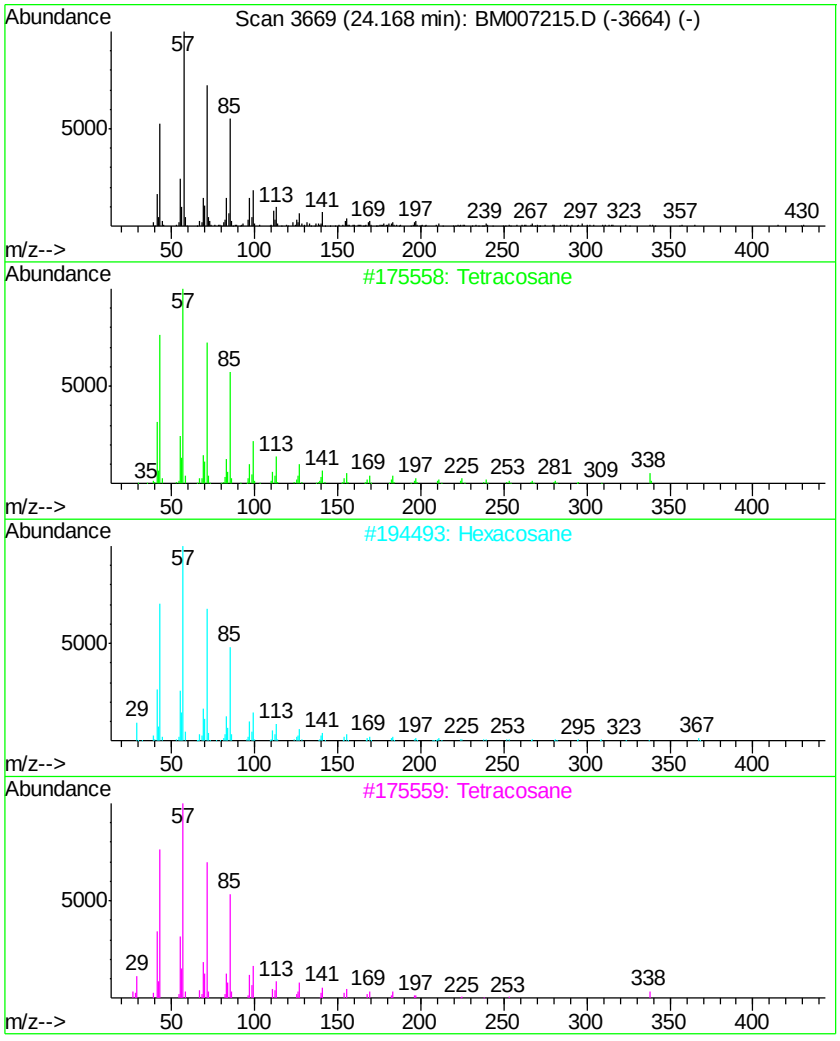
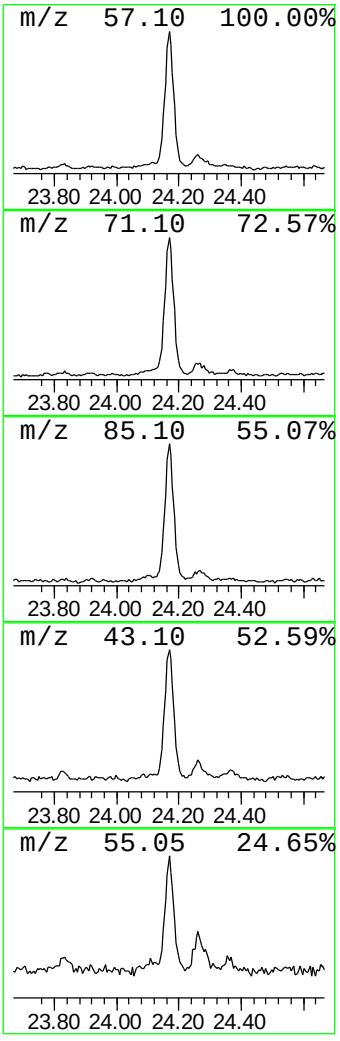
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	2.11 ng/ul	583786	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Octacosane	394	C28H58	000630-02-4	87





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
4-Cyclopentene-1,...	5.58	3.8	ng/ul	340363	1	7.80	1807330	20.0
n-Hexadecanoic acid	18.07	2.4	ng/ul	484866	4	17.17	3996180	20.0
(DEL) Alkane: Str...	24.17	2.1	ng/ul	583786	6	23.63	5529410	20.0