LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007062.D
Acq On : 13 Aug 2016 10:44
Operator : UM/SJ
Sample : H4389-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS006-0206-01

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	3.328	121	126	135	rVB	40228	61954	1.04%	0.085%
2	5.481	486	492	501	rBV	28057	61402	1.03%	0.084%
3	6.975	739	746	760	rVB	767608	1258672	21.17%	1.718%
4	7.145	769	775	784	rBV	606418	913475	15.37%	1.247%
5	7.345	801	809	817	rBV	806323	1297197	21.82%	1.771%
6	7.810	880	888	896	rBV	973637	1563759	26.31%	2.135%
7	8.504	1000	1006	1016	rBV	913142	1443425	24.28%	1.970%
8	8.963	1076	1084	1091	rBV	729288	1204912	20.27%	1.645%
9	9.069	1095	1102	1108	rVV	41948	62625	1.05%	0.085%
10	9.680	1199	1206	1218	rVB	608989	1002432	16.86%	1.368%
11	10.216	1289	1297	1305	rBV	973368	1643107	27.64%	2.243%
12	10.598	1354	1362	1371	rBV	1216251	2109445	35.49%	2.880%
13	10.727	1377	1384	1395	rBV	659705	1209023	20.34%	1.650%
14	13.851	1909	1915	1919	rBV	1730518	2385713	40.13%	3.257%
15	13.898	1919	1923	1929	rVB	1395860	1882265	31.67%	2.569%
16	14.133	1956	1963	1975	rVB	1927645	2881147	48.47%	3.933%
17	14.439	2008	2015	2023	rBV2	1720355	2759479	46.42%	3.767%
18	14.627	2040	2047	2063	rBV	640745	979682	16.48%	1.337%
19	15.298	2157	2161	2167	rVB2	64490	87430	1.47%	0.119%
20	15.433	2177	2184	2190	rBV	2525249	3576639	60.17%	4.882%
21	15.545	2197	2203	2213	rBV	635447	904105	15.21%	1.234%
22	16.162	2302	2308	2316	rBV	108500	194369	3.27%	0.265%
23	16.951	2438	2442	2447	rBV2	74423	103679	1.74%	0.142%
24	17.180	2475	2481	2486	rBV2	2310781	3410703	57.38%	4.656%
25	17.221	2486	2488	2493	rVV	284680	373436	6.28%	0.510%
26	17.280	2493	2498	2509	rVB2	2757139	3989998	67.12%	5.447%
27	18.080	2625	2634	2637	rBV2	328119	610735	10.27%	0.834%
28	18.245	2657	2662	2666	rBV3	103044	180296	3.03%	0.246%
29	18.286	2666	2669	2676	rVB	74575	105150	1.77%	0.144%
30	18.556	2711	2715	2718	rBV2	47861	67838	1.14%	0.093%
31	18.597	2718	2722	2729	rVB4	65020	101059	1.70%	0.138%
32	18.974	2778	2786	2790	rBV	106406	176826	2.97%	0.241%
33	19.021	2790	2794	2799	rVV5	63518	123726	2.08%	0.169%
34	19.115	2805	2810	2817	rBV5	54284	112620	1.89%	0.154%

LSC Area Percent Report

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Acq On : 13 Aug 2016 10:44
Operator : UM/SJ
Sample : H4389-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS006-0206-01

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

35	19.239	2822	2831	2839	rBV	619870	936688	15.76%	1.279%
36	19.356	2845	2851	2855	rBV4	144908	219945	3.70%	0.300%
37	19.574	2882	2888	2901	rBV2	3616325	5944250	100.00%	8.114%
38	19.674	2902	2905	2911	rVB3	54306	85622	1.44%	0.117%
39	19.921	2943	2947	2955	rBV4	58243	141872	2.39%	0.194%
40	20.097	2967	2977	2986	rBV3	135262	433159	7.29%	0.591%
41	20.197	2990	2994	2998	rVV2	61826	81818	1.38%	0.112%
42	20.256	2999	3004	3008	rVB2	92736	132019	2.22%	0.180%
43	20.397	3023	3028	3032	rBV	79113	120715	2.03%	0.165%
44	20.439	3032	3035	3040	rVV2	68323	88997	1.50%	0.121%
45	20.838	3101	3103	3111	rVB	74084	116611	1.96%	0.159%
46	21.009	3125	3132	3135	rBV3	82126	174196	2.93%	0.238%
47	21.080	3140	3144	3150	rVV2	963366	1199329	20.18%	1.637%
48	21.286	3176	3179	3183	rVB	164571	169614	2.85%	0.232%
49	21.362	3185	3192	3196	rVV	3715747	5176661	87.09%	7.066%
50	21.397	3196	3198	3206	rVB	359549	449566	7.56%	0.614%
51	21.527	3216	3220	3224	rBV4	102876	151142	2.54%	0.206%
52	21.980	3291	3297	3305	rBV2	848932	1379643	23.21%	1.883%
53	22.433	3371	3374	3378	rBV2	126362	193270	3.25%	0.264%
54	22.674	3411	3415	3423	rVB4	116638	193576	3.26%	0.264%
55	22.956	3457	3463	3467	rBV2	759774	1377178	23.17%	1.880%
56	22.997	3467	3470	3481	rVB3	558191	950643	15.99%	1.298%
57	23.438	3541	3545	3547	rBV	151041	230675	3.88%	0.315%
58	23.491	3547	3554	3560	rVV2	2583579	4960020	83.44%	6.771%
59	23.638	3571	3579	3587	rBV	2437058	4729263	79.56%	6.456%
60	24.203	3669	3675	3682	rVV	487716	924473	15.55%	1.262%
61	24.285	3684	3689	3702	rVB4	248153	542105	9.12%	0.740%
62	24.974	3799	3806	3812	rBV	202194	462625	7.78%	0.632%
63	25.873	3952	3959	3964	rBV2	234905	650776	10.95%	0.888%
64	26.762	4103	4110	4124	rVB7	350297	1102659	18.55%	1.505%
65	27.450	4220	4227	4240	rVB7	342113	1099754	18.50%	1.501%

Sum of corrected areas: 73257187

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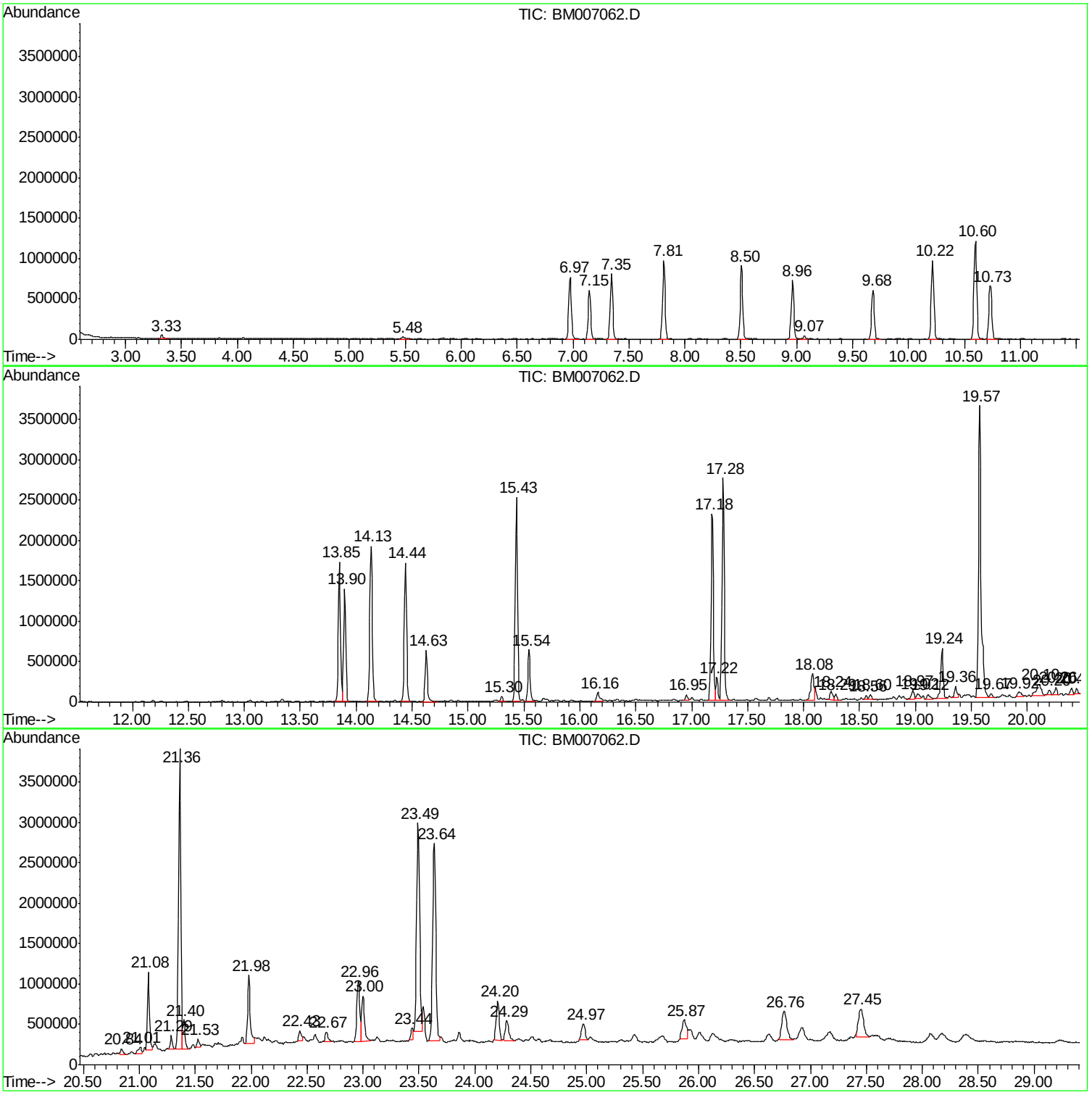
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR002-SS006-0206-01

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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TIC Library : C:\DATABASE\NIST11.L
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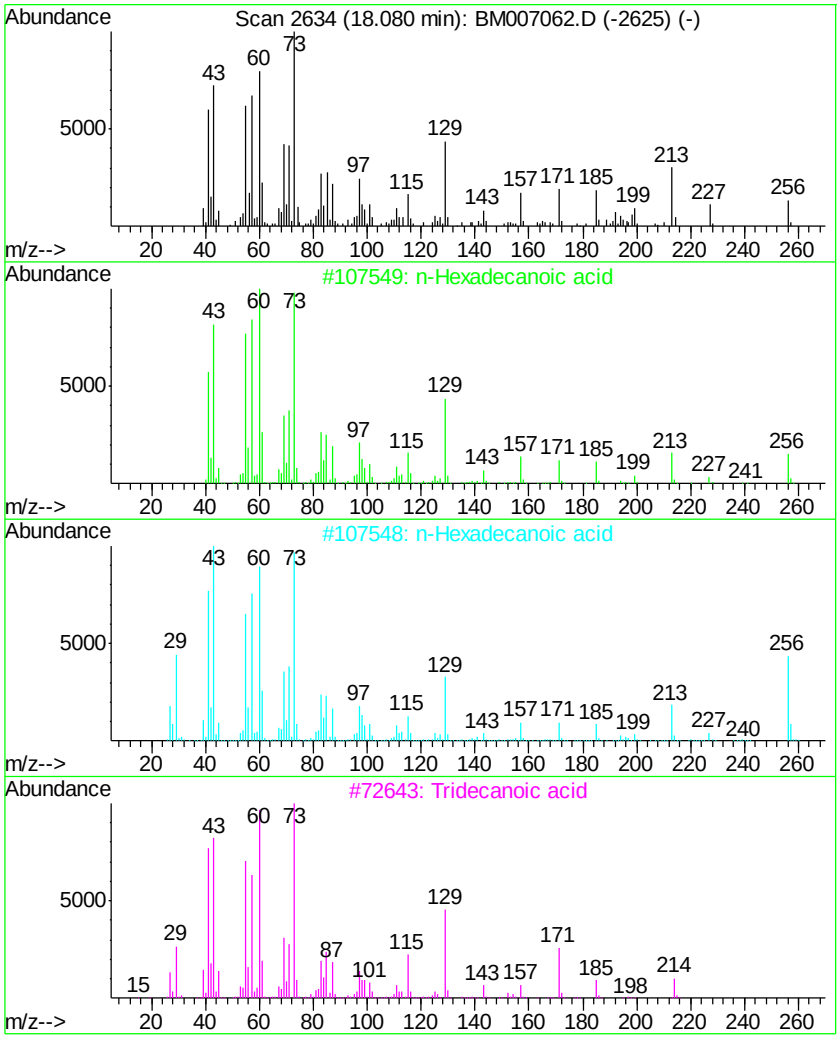
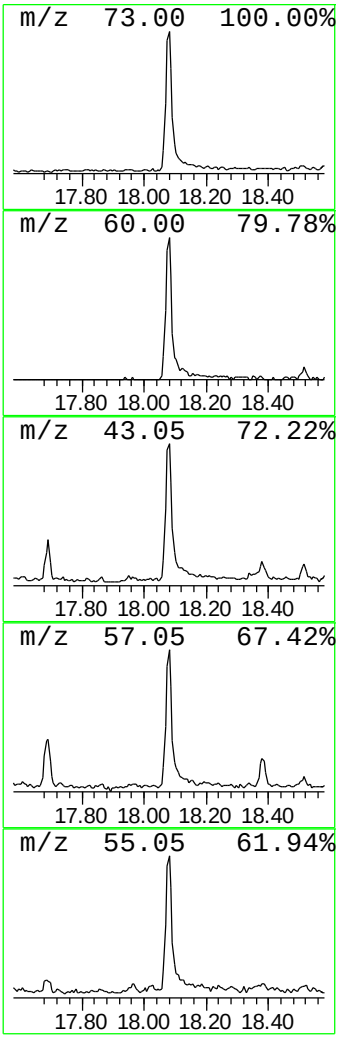
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.58 ng/ul	610735	Phenanthrene-d10	17.18

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

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Operator : UM/SJ
Sample : H4389-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS006-0206-01

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

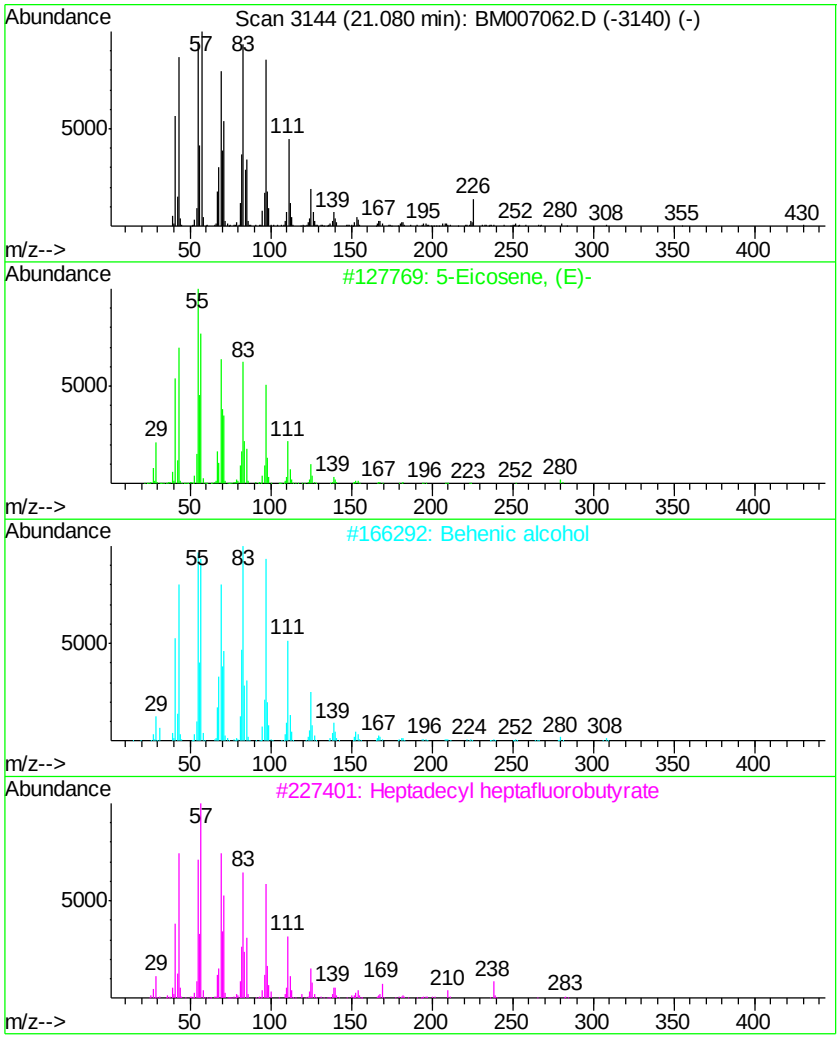
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

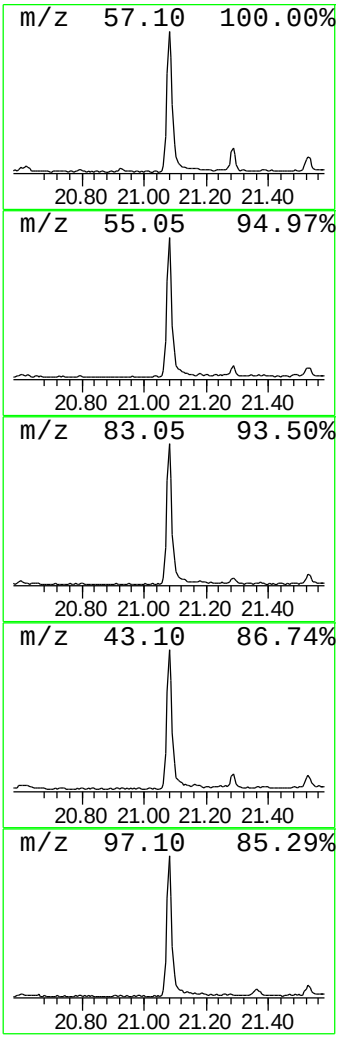
****

Peak Number 2 (DEL) Alkane: Cyclic21.08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	4.63 ng/ul	1199330	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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Sample : H4389-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS006-0206-01

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TIC Library : C:\DATABASE\NIST11.L
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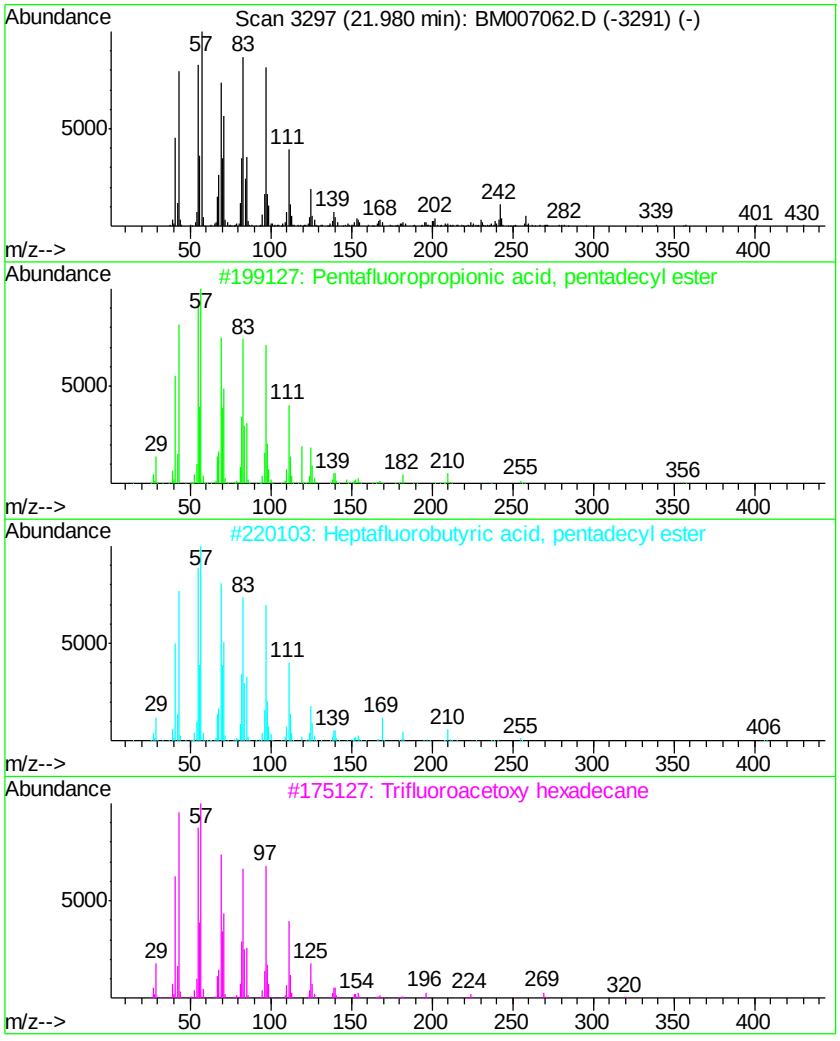
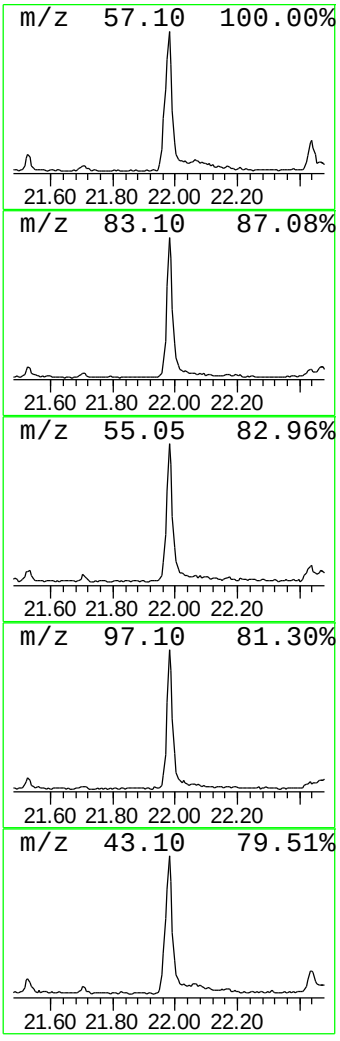
****

Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	5.33 ng/ul	1379640	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Library Search Compound Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PR002-SS006-0206-01

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

TIC Library : C:\DATABASE\NIST11.L
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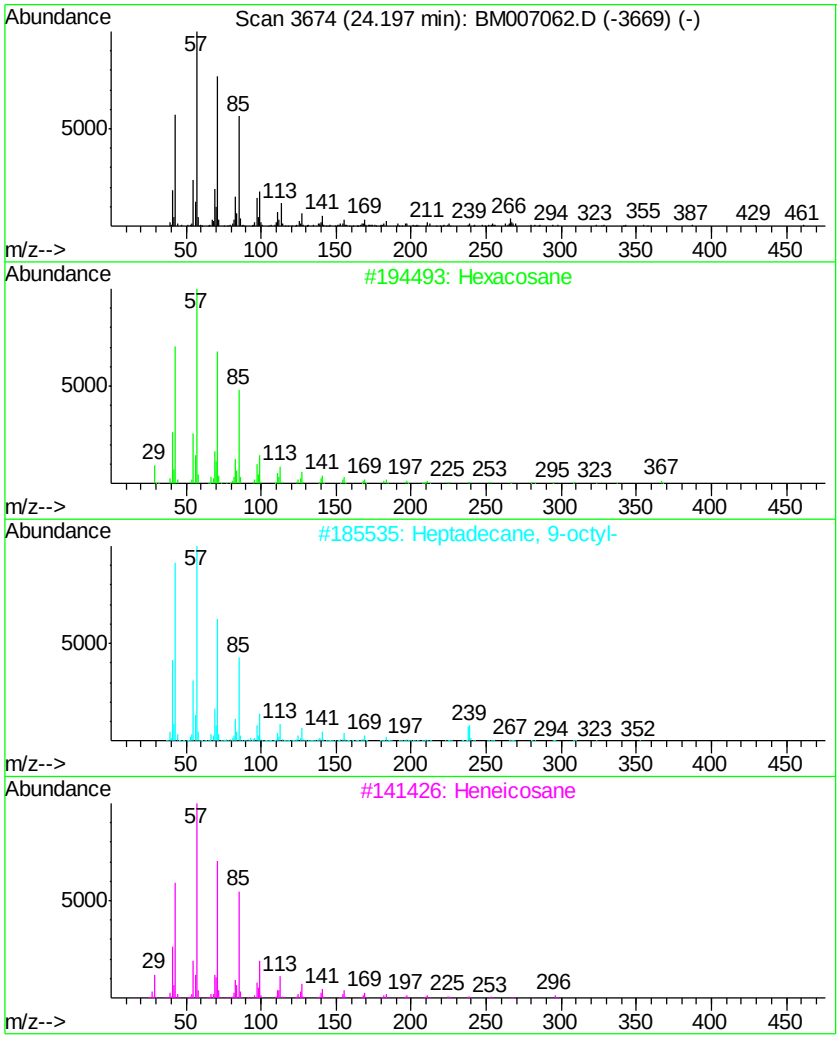
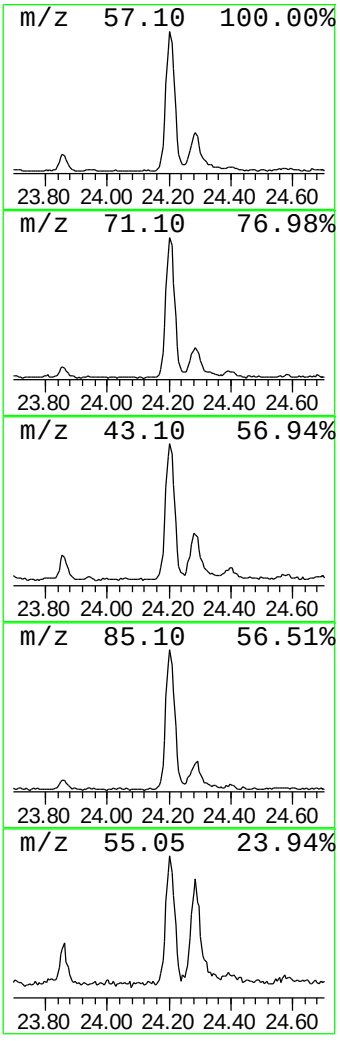
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	3.91 ng/ul	924473	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Sample : H4389-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS006-0206-01

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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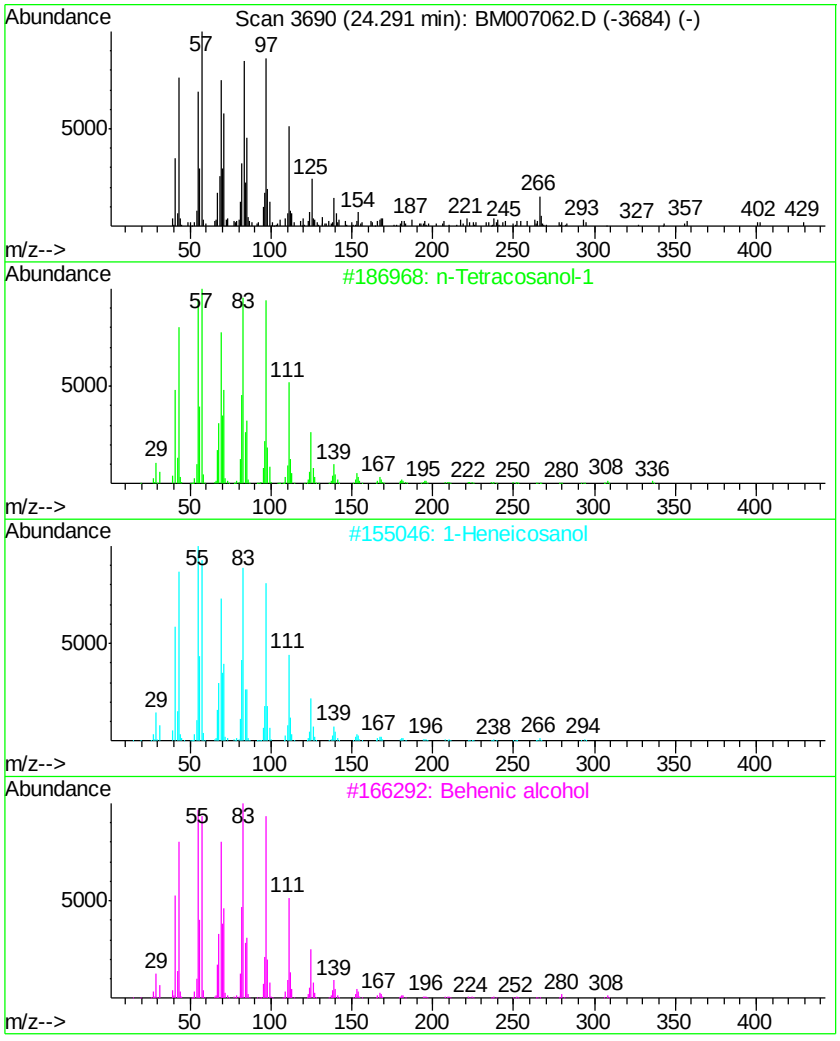
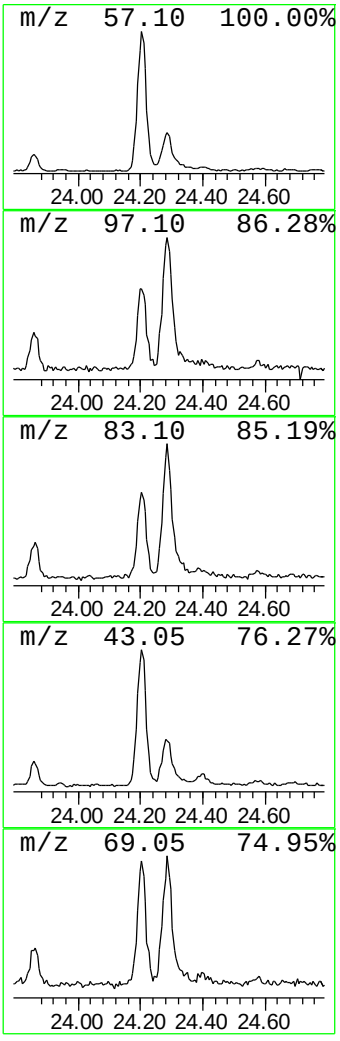
Peak Number 5 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	2.29 ng/ul	542105	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





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BNA_M
ClientSampleId :
PR002-SS006-0206-01

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

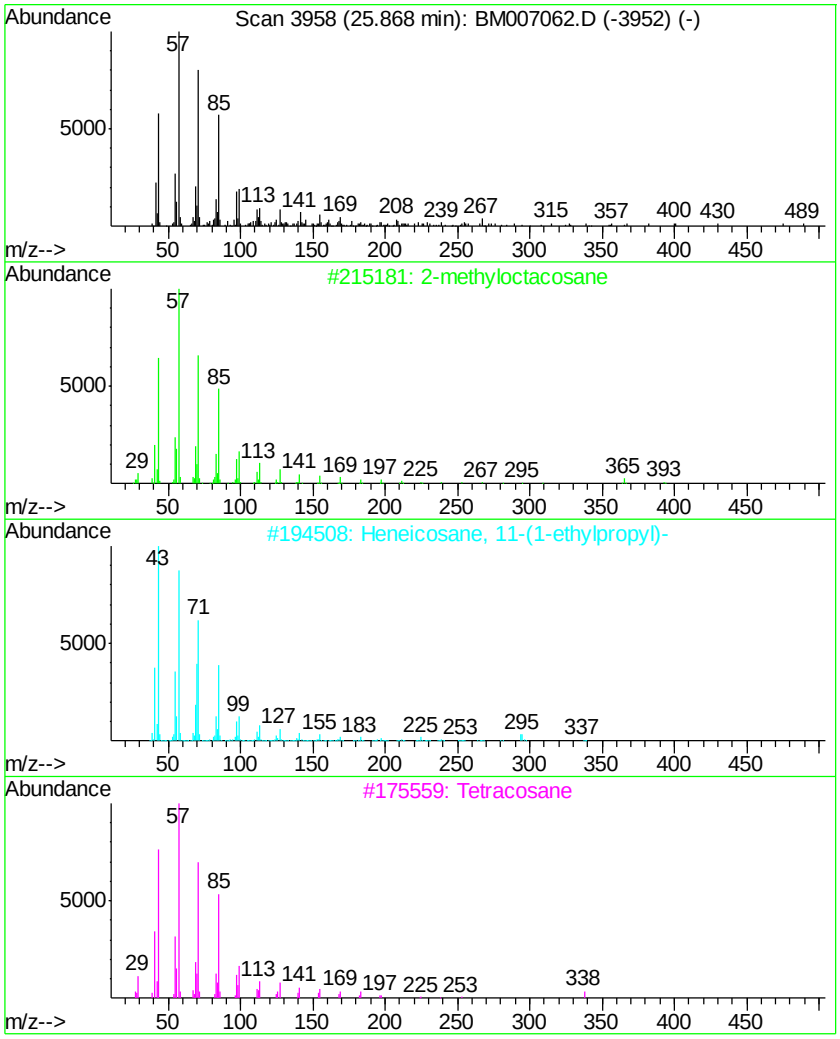
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

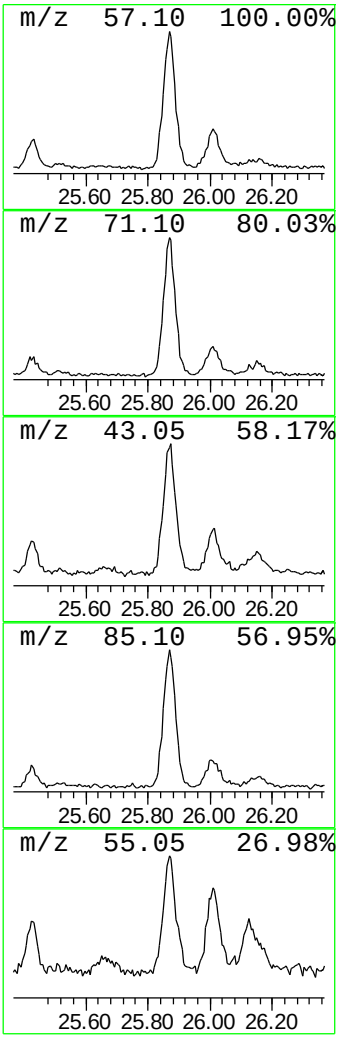
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	2.75 ng/ul	650776	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Docosane	310	C22H46	000629-97-0	87





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Operator : UM/SJ
Sample : H4389-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS006-0206-01

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

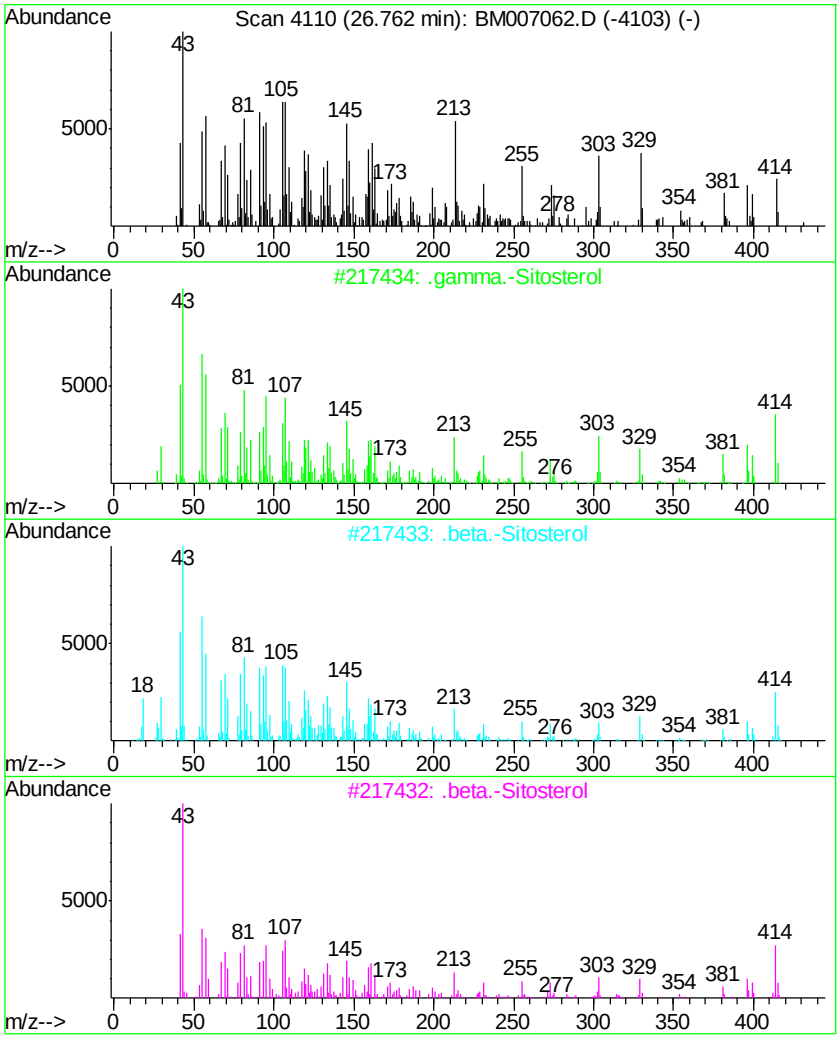
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

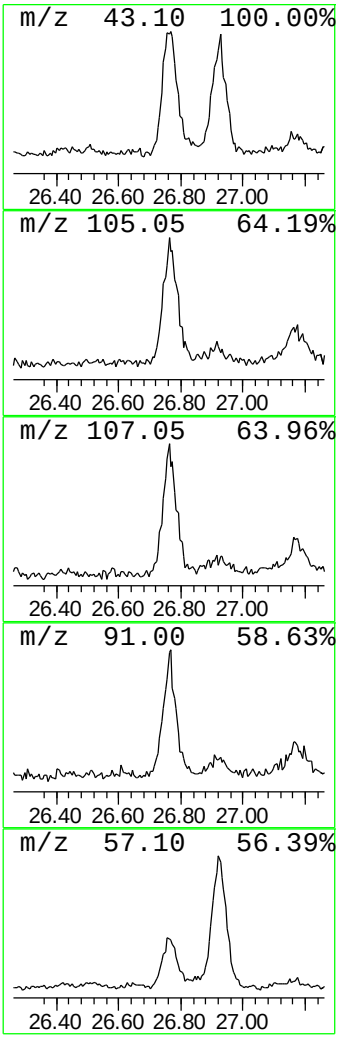
****

Peak Number 7 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.76	4.66 ng/ul	1102660	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	96
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	49
4	5-Pregnen-3.beta.-ol-20-one, met...	330	C22H34O2	1000364-94-5	32
5	Cyclopentanecarboxylic acid, 1-p...	273	C14H15N3OS	1000311-03-5	25





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS006-0206-01

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

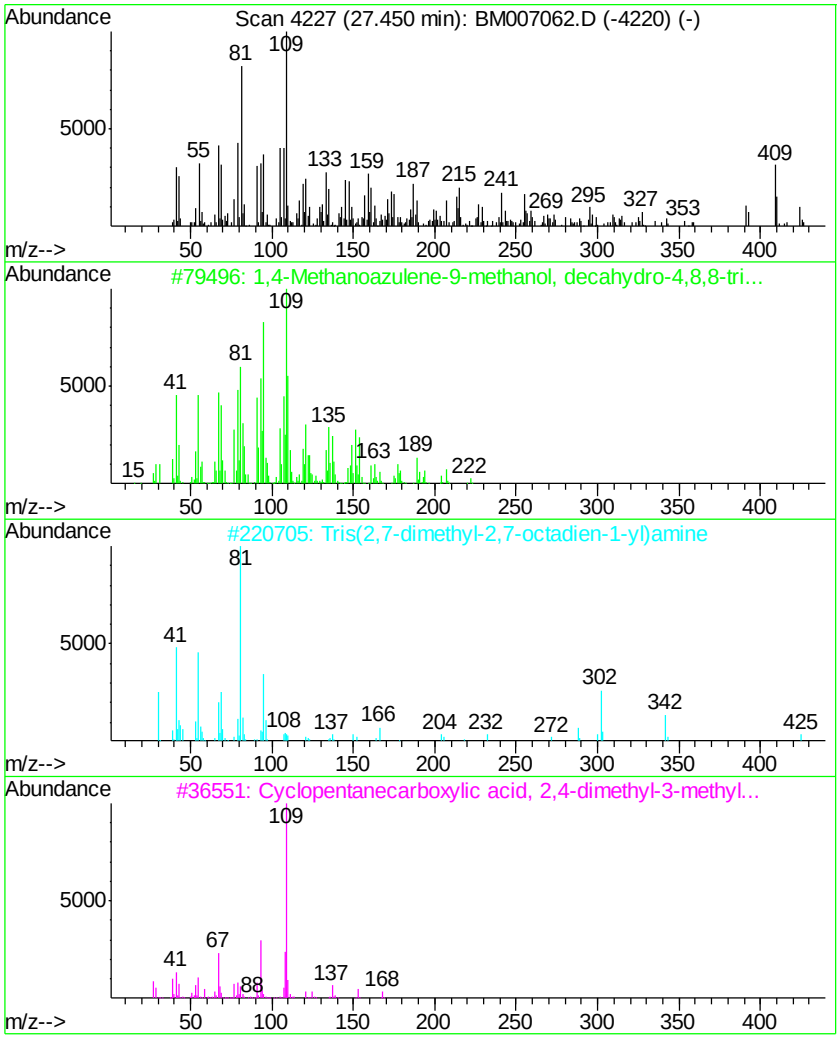
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

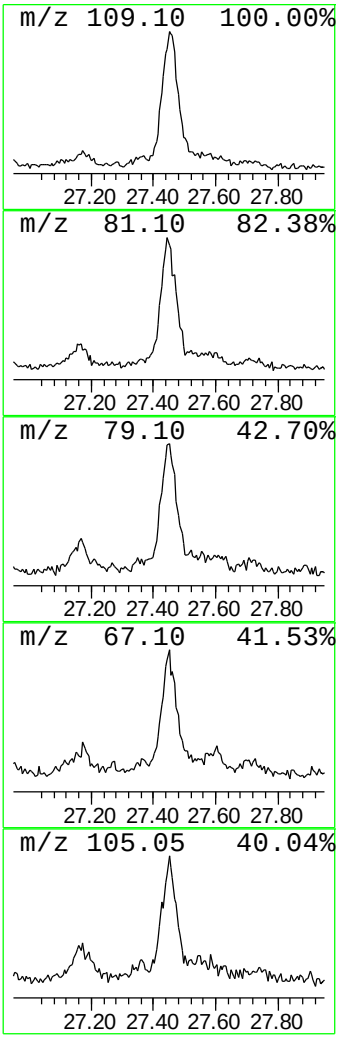
****

Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.45	4.65 ng/ul	1099750	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	27
2	Tris(2,7-dimethyl-2,7-octadien-1...	425	C30H51N	088399-36-4	20
3	Cyclopentanecarboxylic acid, 2,4...	168	C10H16O2	1000154-25-2	14
4	Benzene, 1-(bromomethyl)-4-fluoro-	188	C7H6BrF	000459-46-1	14
5	2-Furanpropanamine, N-(2-furanyl...	295	C19H21NO2	1000327-53-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007062.D
Acq On : 13 Aug 2016 10:44
Operator : UM/SJ
Sample : H4389-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS006-0206-01

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.08	3.6	ng/ul	610735	4	17.18	3410700	20.0
(DEL) Alkane: Cyc...	21.08	4.6	ng/ul	1199330	5	21.36	5176660	20.0
Pentafluoropropio...	21.98	5.3	ng/ul	1379640	5	21.36	5176660	20.0
(DEL) Alkane: Str...	24.20	3.9	ng/ul	924473	6	23.64	4729260	20.0
n-Tetracosanol-1	24.29	2.3	ng/ul	542105	6	23.64	4729260	20.0
(DEL) Alkane: Str...	25.87	2.8	ng/ul	650776	6	23.64	4729260	20.0
.gamma.-Sitosterol	26.76	4.7	ng/ul	1102660	6	23.64	4729260	20.0
unknown-01	27.45	4.7	ng/ul	1099750	6	23.64	4729260	20.0