LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007053.D
Acq On : 12 Aug 2016 21:53
Operator : UM/SJ
Sample : H4389-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS005-0002-01

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	122	126	131	rVB	34397	48410	1.06%	0.085%
2	6.975	739	746	759	rVB	619057	1034736	22.66%	1.812%
3	7.145	768	775	785	rBV	479054	755122	16.54%	1.323%
4	7.345	802	809	818	rBV	666812	1054065	23.08%	1.846%
5	7.816	882	889	896	rBV	874414	1418604	31.07%	2.485%
6	8.510	1000	1007	1016	rBV	710873	1186991	25.99%	2.079%
7	8.963	1076	1084	1093	rBV	595586	979834	21.46%	1.716%
8	9.069	1096	1102	1109	rVB2	44485	74447	1.63%	0.130%
9	9.680	1200	1206	1215	rBV	465076	776818	17.01%	1.361%
10	10.216	1290	1297	1307	rBV	792988	1309562	28.68%	2.294%
11	10.598	1355	1362	1374	rVB	1145530	1898225	41.57%	3.325%
12	10.733	1374	1385	1393	rBV	458173	821321	17.99%	1.438%
13	13.339	1821	1828	1835	rBV5	34207	60196	1.32%	0.105%
14	13.851	1909	1915	1919	rBV	1328118	1863031	40.80%	3.263%
15	13.898	1919	1923	1932	rVB	1232960	1662890	36.41%	2.912%
16	14.133	1954	1963	1973	rBV	1544586	2318494	50.77%	4.061%
17	14.445	2005	2016	2024	rBV2	1611911	2512160	55.01%	4.400%
18	14.627	2039	2047	2055	rBV	441332	680392	14.90%	1.192%
19	15.304	2157	2162	2168	rVB	55245	74734	1.64%	0.131%
20	15.433	2177	2184	2192	rBV	1955625	2915431	63.84%	5.106%
21	15.551	2198	2204	2212	rBV	420057	632158	13.84%	1.107%
22	15.674	2219	2225	2229	rBV4	30000	58900	1.29%	0.103%
23	16.162	2303	2308	2316	rBV	92806	154426	3.38%	0.270%
24	16.956	2438	2443	2448	rBV3	58677	84722	1.86%	0.148%
25	17.186	2474	2482	2487	rVV	2080933	3107031	68.04%	5.442%
26	17.227	2487	2489	2493	rVV	130493	147768	3.24%	0.259%
27	17.280	2493	2498	2509	rVB2	2128618	3235595	70.85%	5.667%
28	17.574	2541	2548	2556	rBV6	32162	67095	1.47%	0.118%
29	18.080	2624	2634	2643	rBV2	273781	493390	10.80%	0.864%
30	18.156	2643	2647	2650	rVB	33780	47716	1.04%	0.084%
31	18.251	2658	2663	2667	rBV3	32631	57775	1.27%	0.101%
32	19.239	2822	2831	2839	rVV	333654	520404	11.40%	0.911%
33	19.362	2846	2852	2859	rBV3	121699	201910	4.42%	0.354%
34	19.574	2882	2888	2901	rBV2	2866896	4538898	99.39%	7.949%

LSC Area Percent Report

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Acq On : 12 Aug 2016 21:53
Operator : UM/SJ
Sample : H4389-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS005-0002-01

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	20.109	2973	2979	2987	rVB2	178785	304612	6.67%	0.533%
36	20.392	3024	3027	3032	rVB3	40746	51347	1.12%	0.090%
37	21.080	3140	3144	3151	rBV2	696492	863948	18.92%	1.513%
38	21.144	3152	3155	3160	rVB2	114988	160260	3.51%	0.281%
39	21.286	3176	3179	3183	rBV	129859	146441	3.21%	0.256%
40	21.362	3186	3192	3197	rVV	3438457	4566542	100.00%	7.998%
41	21.397	3197	3198	3204	rVB	182011	182263	3.99%	0.319%
42	21.980	3292	3297	3307	rBV2	589514	961369	21.05%	1.684%
43	22.574	3395	3398	3404	rVB	130368	173462	3.80%	0.304%
44	22.962	3458	3464	3468	rBV2	802175	1390156	30.44%	2.435%
45	23.003	3468	3471	3483	rVB3	344138	553312	12.12%	0.969%
46	23.491	3548	3554	3560	rBV2	2182315	4073336	89.20%	7.134%
47	23.638	3571	3579	3587	rBV	2263771	4375893	95.83%	7.664%
48	24.203	3670	3675	3683	rVB	539795	1057727	23.16%	1.852%
49	24.285	3685	3689	3699	rVB2	235348	503900	11.03%	0.883%
50	26.768	4106	4111	4123	rVB6	328490	940092	20.59%	1.646%

Sum of corrected areas: 57097911

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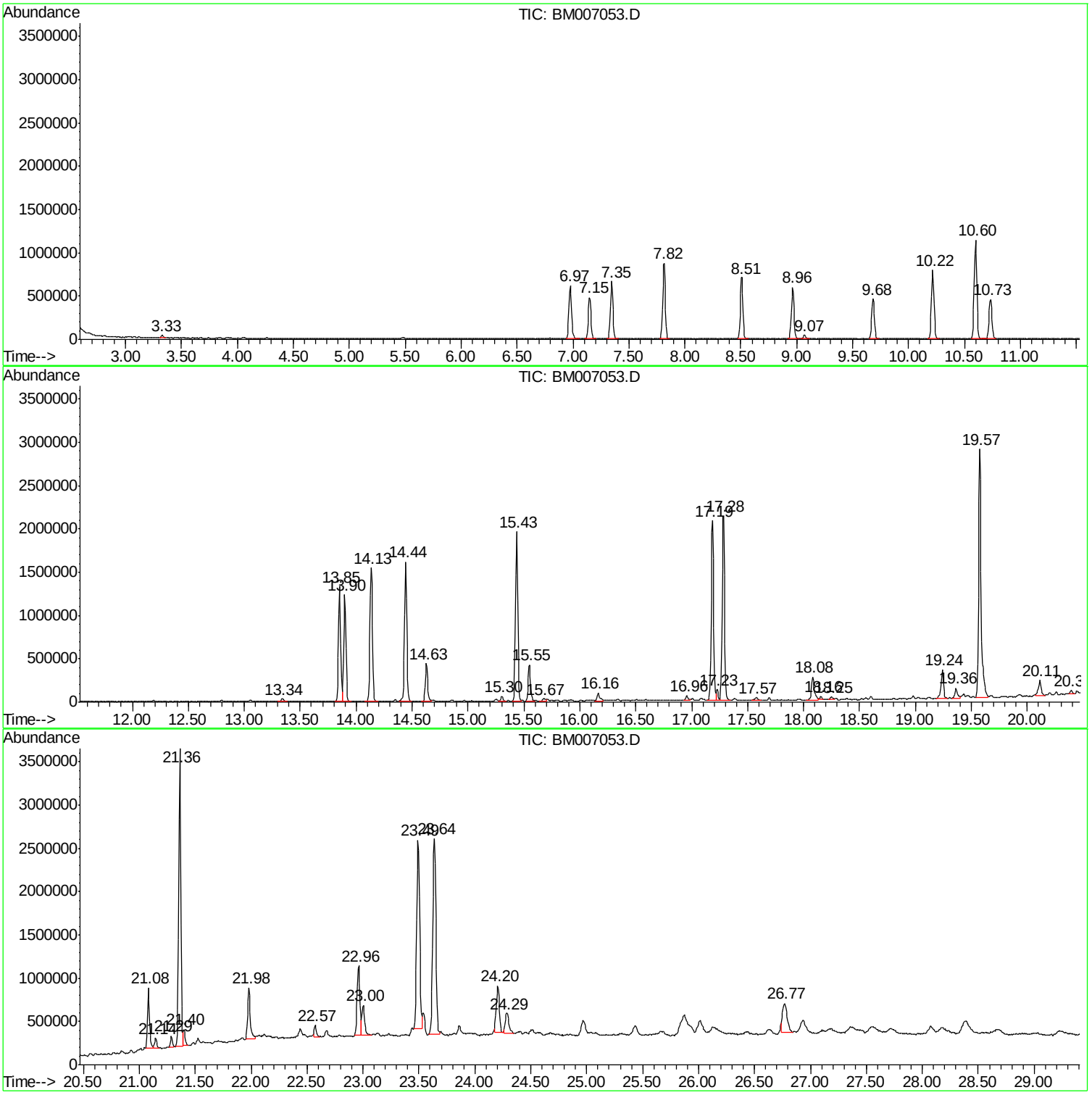
Instrument : BNA_M
ClientSampleId : PR002-SS005-0002-01

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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Data File : BM007053.D
Acq On : 12 Aug 2016 21:53
Operator : UM/SJ
Sample : H4389-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS005-0002-01

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

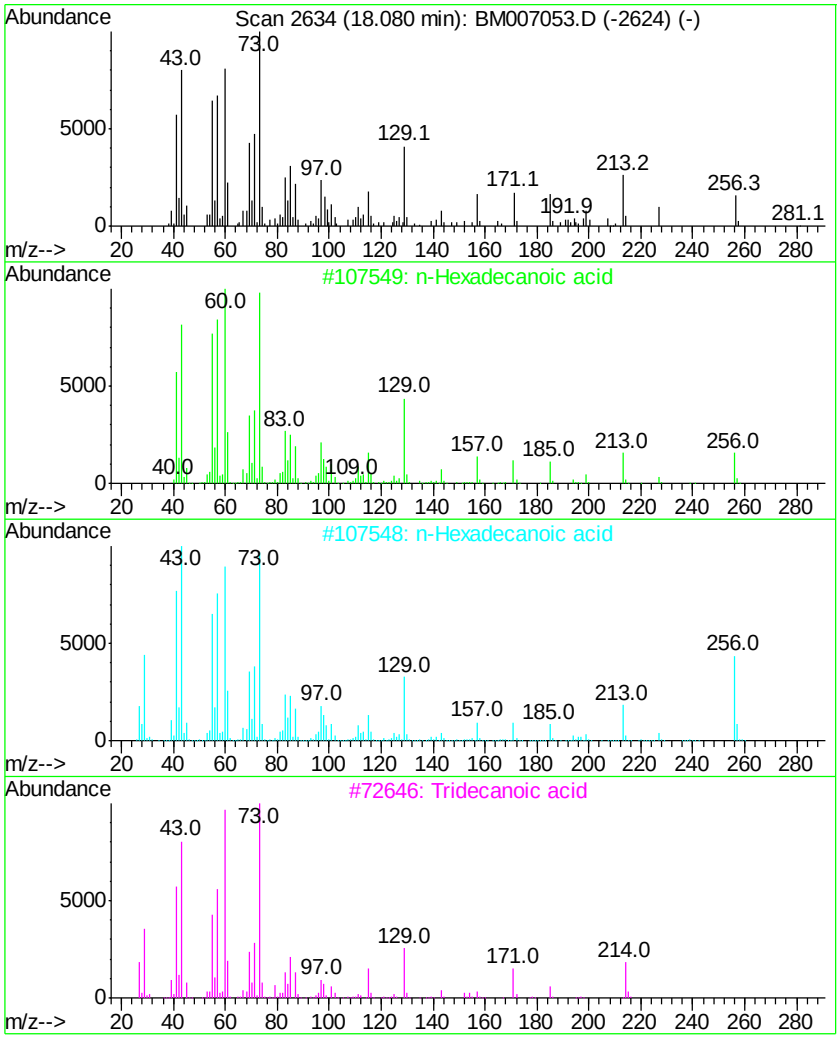
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

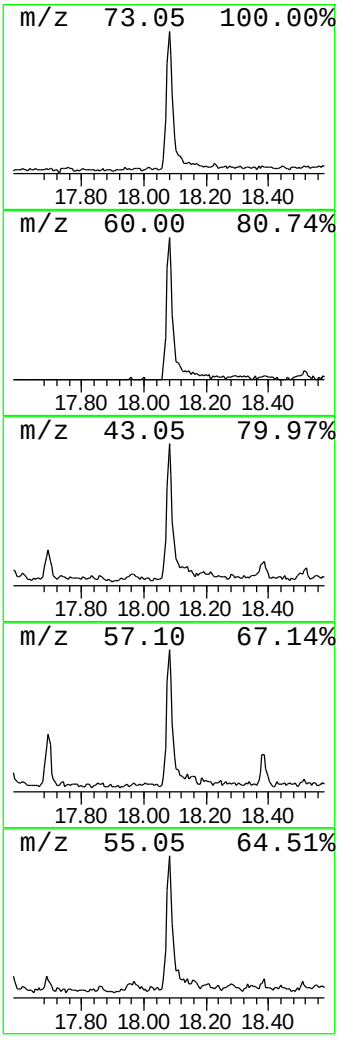
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.18 ng/ul	493390	Phenanthrene-d10	17.19

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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





Library Search Compound Report

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Operator : UM/SJ
Sample : H4389-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR002-SS005-0002-01

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

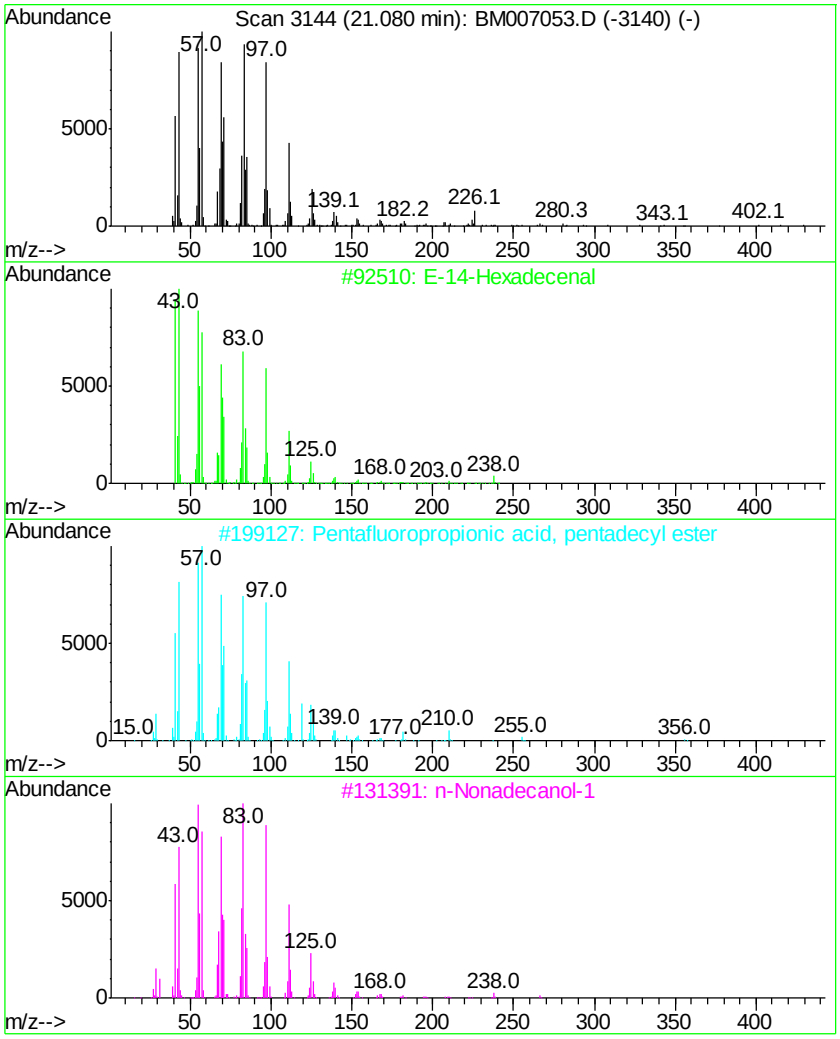
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

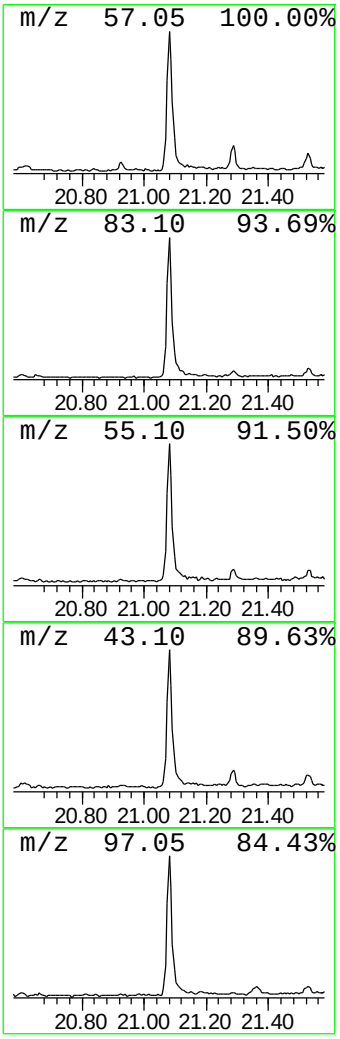
****

Peak Number 2 E-14-Hexadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	3.78 ng/ul	863948	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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Data File : BM007053.D
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Operator : UM/SJ
Sample : H4389-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR002-SS005-0002-01

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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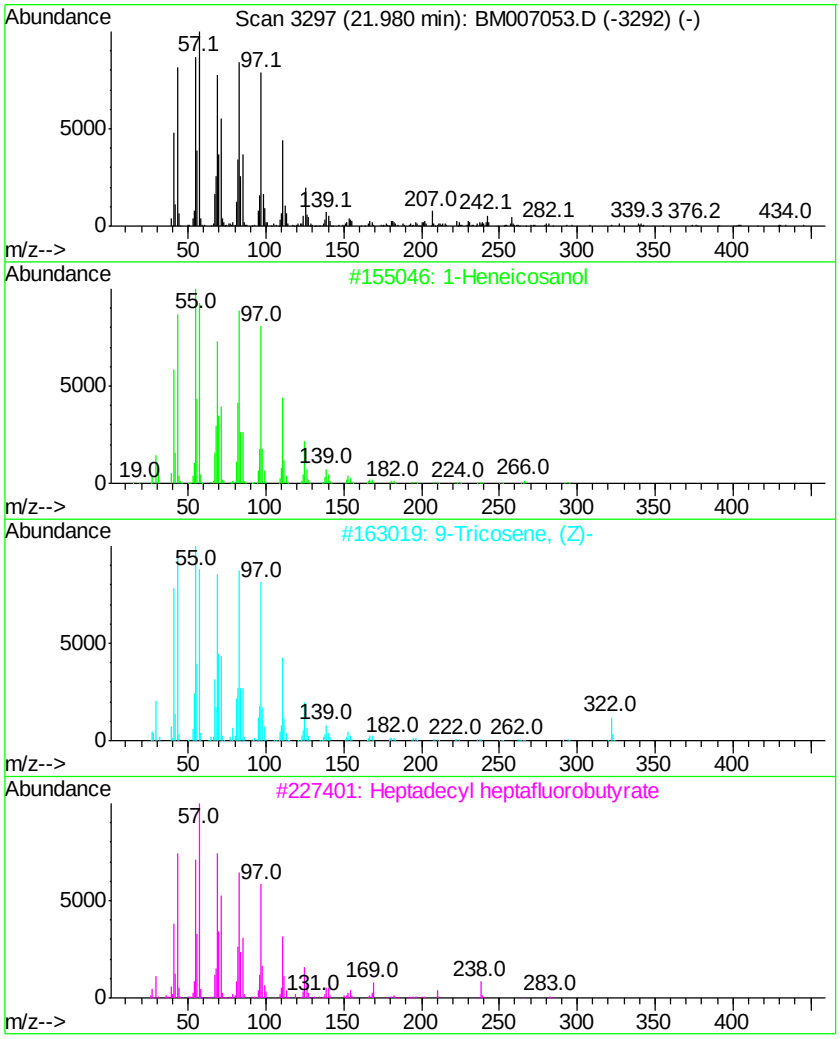
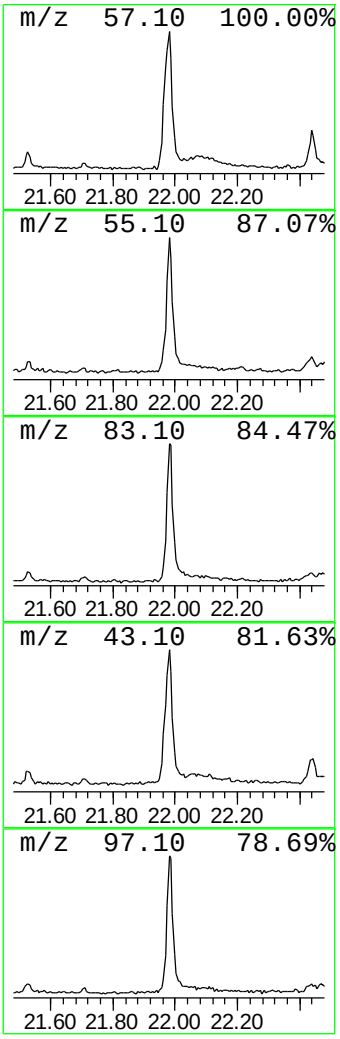
Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	4.21 ng/ul	961369	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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Sample : H4389-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR002-SS005-0002-01

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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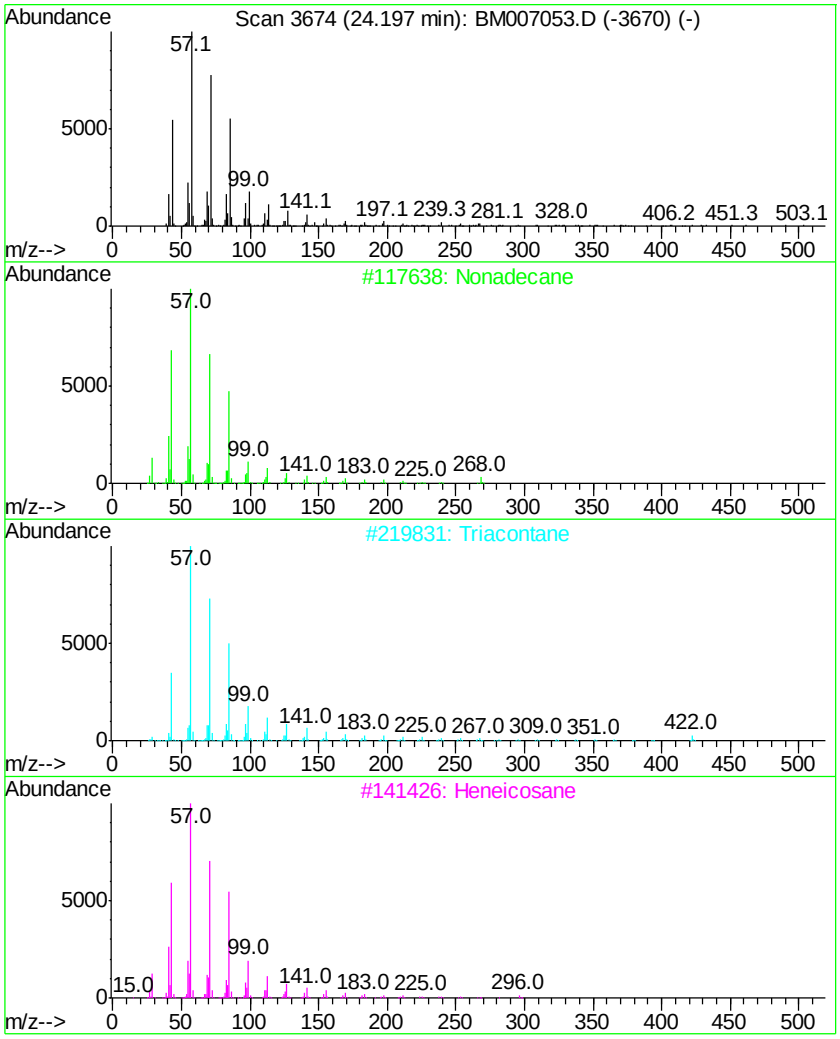
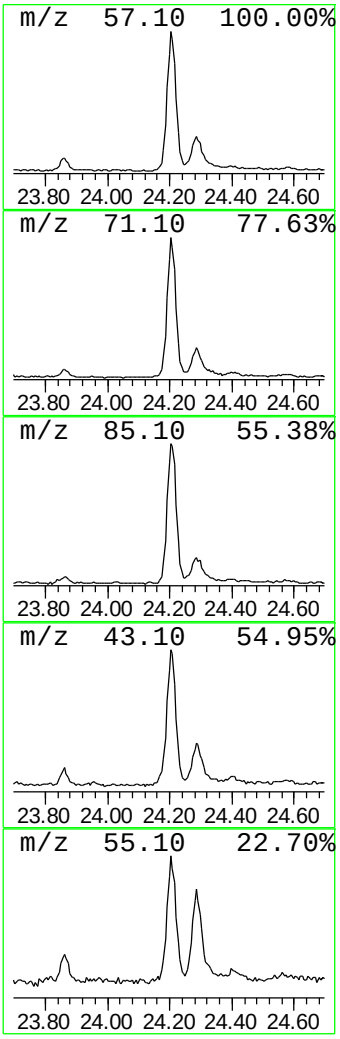
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	4.83 ng/ul	1057730	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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ClientSampleId : PR002-SS005-0002-01

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

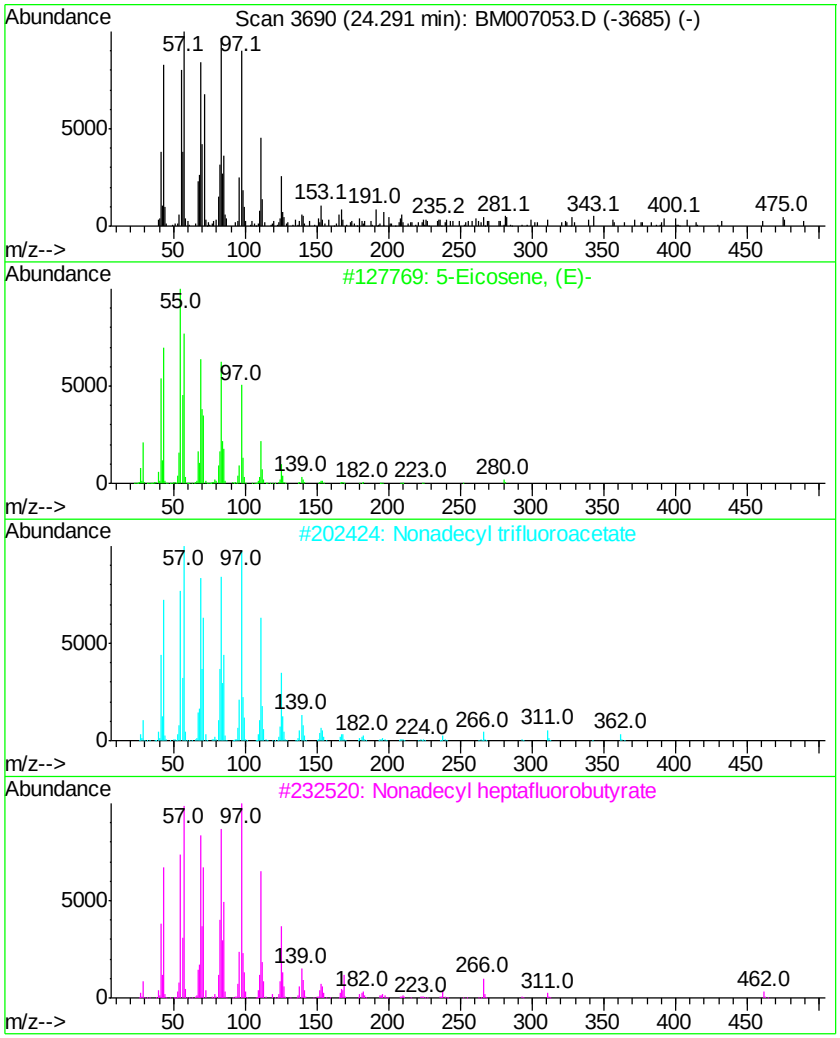
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

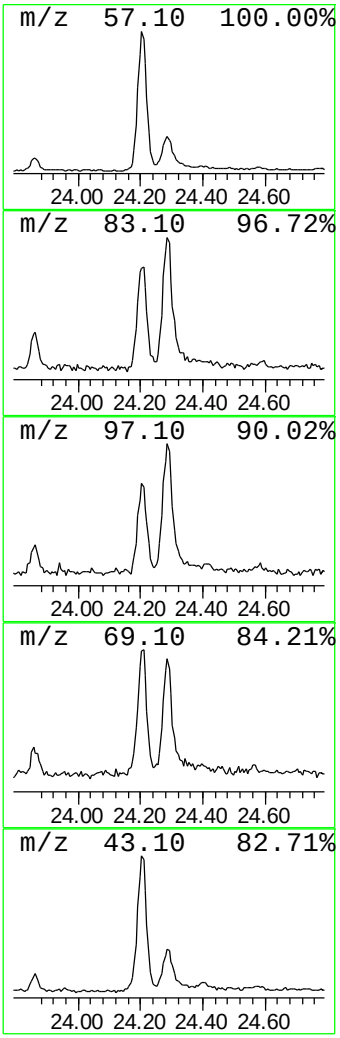
****

Peak Number 5 (DEL) Alkane: Cyclic24.29 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	2.30 ng/ul	503900	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





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ClientSampleId : PR002-SS005-0002-01

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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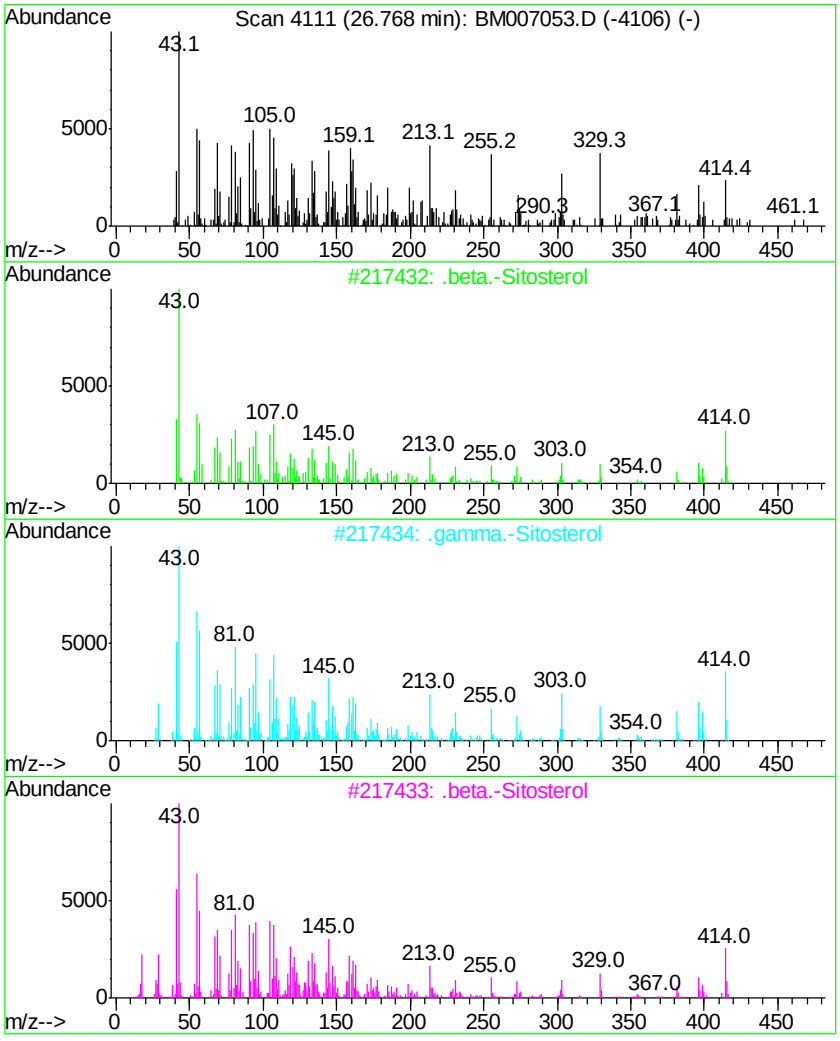
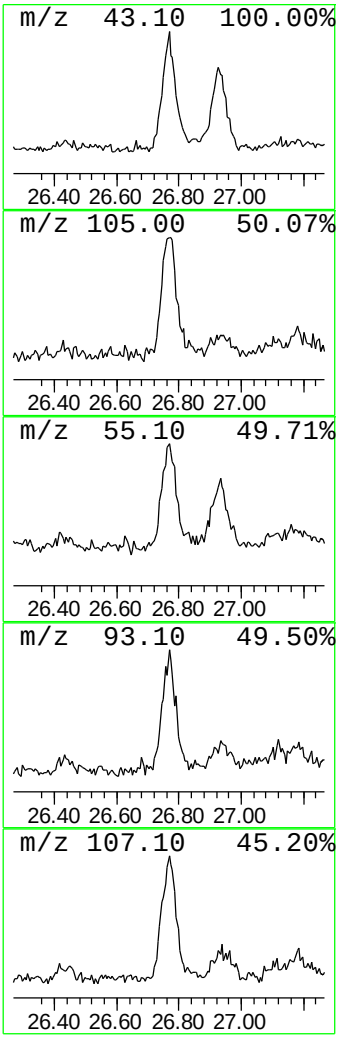
Peak Number 6 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	4.30 ng/ul	940092	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	83
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	52
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	46
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	25
5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	16





Tentatively Identified Compound (LSC) summary

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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	3.2	ng/ul	493390	4	17.19	3107030	20.0
E-14-Hexadecenal	21.08	3.8	ng/ul	863948	5	21.36	4566540	20.0
1-Heneicosanol	21.98	4.2	ng/ul	961369	5	21.36	4566540	20.0
(DEL) Alkane: Str...	24.20	4.8	ng/ul	1057730	6	23.64	4375890	20.0
(DEL) Alkane: Cyc...	24.29	2.3	ng/ul	503900	6	23.64	4375890	20.0
.beta.-Sitosterol	26.77	4.3	ng/ul	940092	6	23.64	4375890	20.0