LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010752.D
Acq On : 26 Jun 2017 19:15
Operator : SJ/JU
Sample : I3756-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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-BM062017.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	6.639	631	638	647	rBB	249102	380768	18.94%	1.629%
2	6.804	660	666	674	rBB	187663	261752	13.02%	1.120%
3	6.992	692	698	704	rBB	262319	394326	19.61%	1.687%
4	7.451	770	776	783	rVB	266059	400442	19.91%	1.713%
5	8.157	890	896	903	rBV	303836	462597	23.01%	1.979%
6	8.598	964	971	978	rVB	263097	401759	19.98%	1.719%
7	9.310	1086	1092	1099	rBB	242111	381393	18.97%	1.632%
8	9.845	1176	1183	1189	rBV	386803	623490	31.01%	2.668%
9	10.216	1238	1246	1254	rBB	402485	641770	31.92%	2.746%
10	10.363	1264	1271	1278	rBV	267740	445154	22.14%	1.905%
11	13.527	1803	1809	1814	rBV	783315	1051208	52.28%	4.498%
12	13.574	1814	1817	1823	rVB	184054	241052	11.99%	1.031%
13	13.798	1848	1855	1861	rBV	754564	1105800	54.99%	4.732%
14	14.110	1900	1908	1916	rBB2	653522	981421	48.81%	4.199%
15	14.321	1937	1944	1954	rBV2	332273	456508	22.70%	1.953%
16	14.874	2033	2038	2046	rVB	139983	170939	8.50%	0.731%
17	14.998	2055	2059	2062	rVB	17800	20993	1.04%	0.090%
18	15.110	2072	2078	2087	rBV	1034414	1432452	71.24%	6.129%
19	15.233	2094	2099	2105	rBV	345233	449555	22.36%	1.924%
20	15.862	2201	2206	2210	rBV2	22461	29150	1.45%	0.125%
21	16.862	2370	2376	2381	rBV	944134	1265870	62.95%	5.416%
22	16.962	2387	2393	2405	rVB	1205068	1620962	80.61%	6.936%
23	17.786	2528	2533	2540	rBV	155796	203750	10.13%	0.872%
24	18.898	2718	2722	2725	rBV2	12805	20593	1.02%	0.088%
25	18.933	2725	2728	2735	rVB	57314	81505	4.05%	0.349%
26	19.080	2749	2753	2760	rBV4	72804	91586	4.55%	0.392%
27	19.156	2762	2766	2774	rVB2	11931	24348	1.21%	0.104%
28	19.274	2780	2786	2795	rBV	1522430	2010810	100.00%	8.604%
29	20.392	2974	2976	2983	rVB3	17655	25064	1.25%	0.107%
30	20.662	3018	3022	3028	rBV2	28300	36119	1.80%	0.155%
31	20.721	3029	3032	3037	rVV	46637	57189	2.84%	0.245%
32	20.815	3044	3048	3052	rBV2	182027	211467	10.52%	0.905%
33	20.956	3068	3072	3074	rBV5	25948	33053	1.64%	0.141%
34	21.021	3079	3083	3088	rVV	626904	716416	35.63%	3.065%

LSC Area Percent Report

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Acq On : 26 Jun 2017 19:15
Operator : SJ/JU
Sample : I3756-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

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

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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
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35	21.080	3088	3093	3097	rVV	1274562	1551747	77.17%	6.640%
36	21.115	3097	3099	3104	rVV4	47090	51418	2.56%	0.220%
37	21.239	3117	3120	3125	rVV	30936	45280	2.25%	0.194%
38	21.291	3126	3129	3132	rVB	40656	40825	2.03%	0.175%
39	21.409	3147	3149	3156	rVB2	35154	34078	1.69%	0.146%
40	21.533	3166	3170	3173	rVB	68842	90226	4.49%	0.386%
41	21.586	3176	3179	3182	rBV2	40694	46415	2.31%	0.199%
42	21.691	3192	3197	3202	rBV8	61240	125746	6.25%	0.538%
43	21.768	3207	3210	3214	rVB	78129	85842	4.27%	0.367%
44	21.891	3227	3231	3240	rVB	136347	245726	12.22%	1.051%
45	21.991	3244	3248	3250	rBV2	41885	67074	3.34%	0.287%
46	22.033	3252	3255	3257	rBV2	47572	59243	2.95%	0.253%
47	22.133	3268	3272	3281	rVB	167781	237950	11.83%	1.018%
48	22.268	3291	3295	3300	rVB2	148860	270237	13.44%	1.156%
49	22.415	3315	3320	3325	rVB	242116	351037	17.46%	1.502%
50	22.833	3386	3391	3399	rVB	172896	355386	17.67%	1.521%
51	23.085	3428	3434	3440	rBV	904143	1487940	74.00%	6.367%
52	23.221	3451	3457	3464	rVB	667035	1189864	59.17%	5.091%
53	23.750	3542	3547	3554	rVB3	79251	155960	7.76%	0.667%
54	24.027	3589	3594	3602	rVB	82937	147759	7.35%	0.632%

Sum of corrected areas: 23371014

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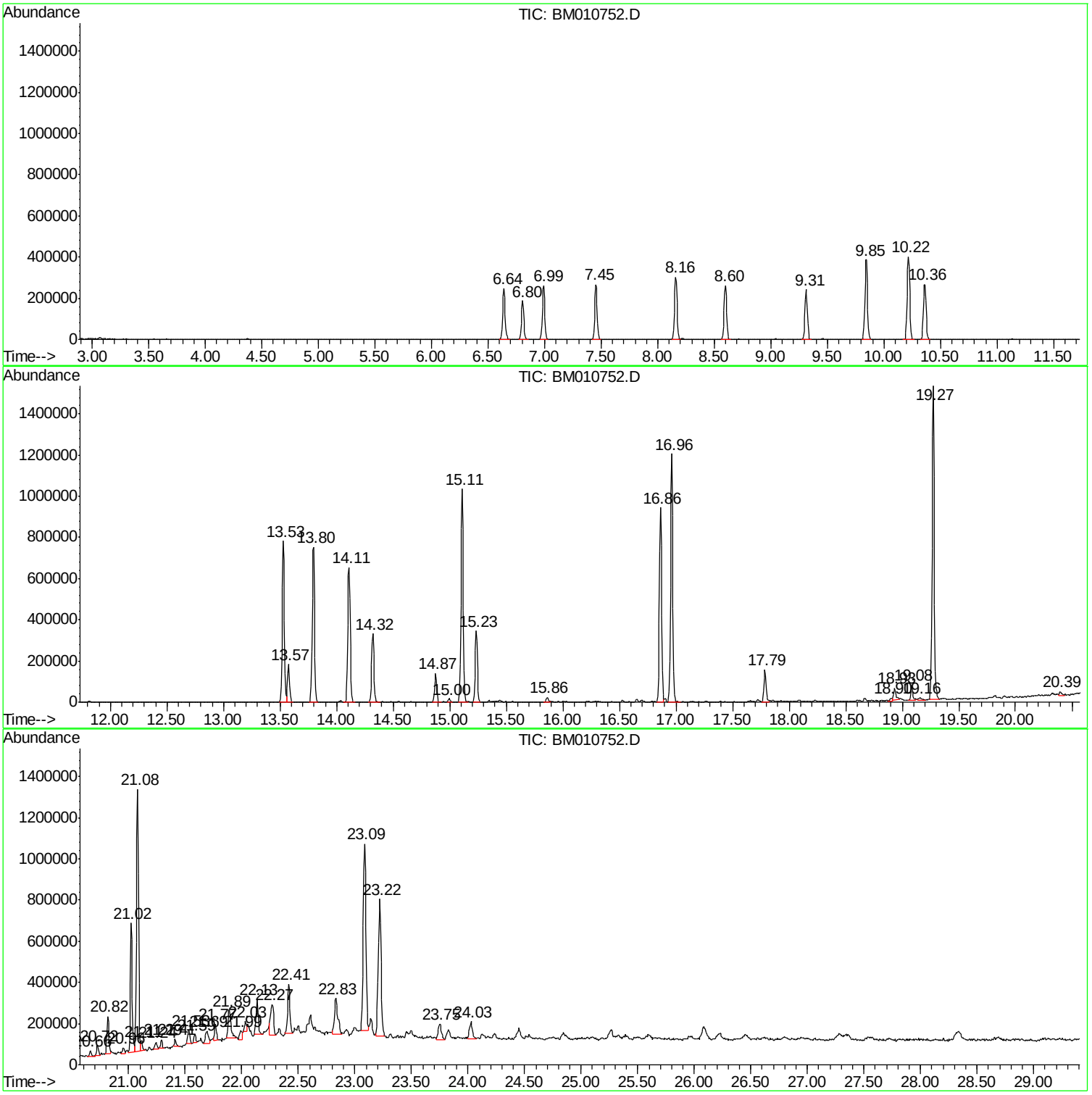
Sample : I3756-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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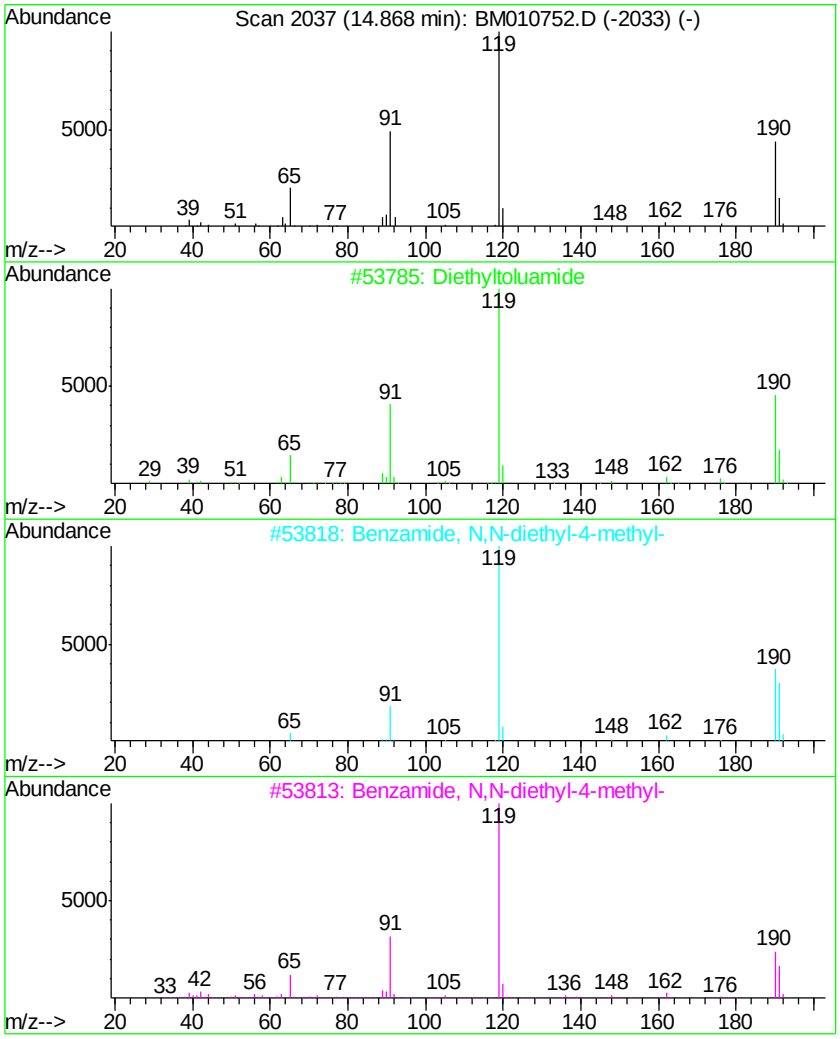
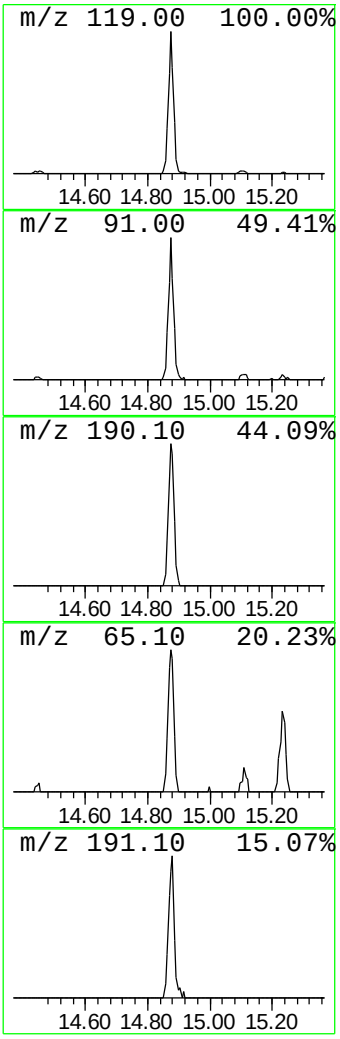
Peak Number 1 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.48 ng/ul	170939	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	72
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	64
4	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	62
5	4-Methylbenzoic acid, pentafluor...	302	C14H7F5O2	1000354-15-1	58





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Operator : SJ/JU
Sample : I3756-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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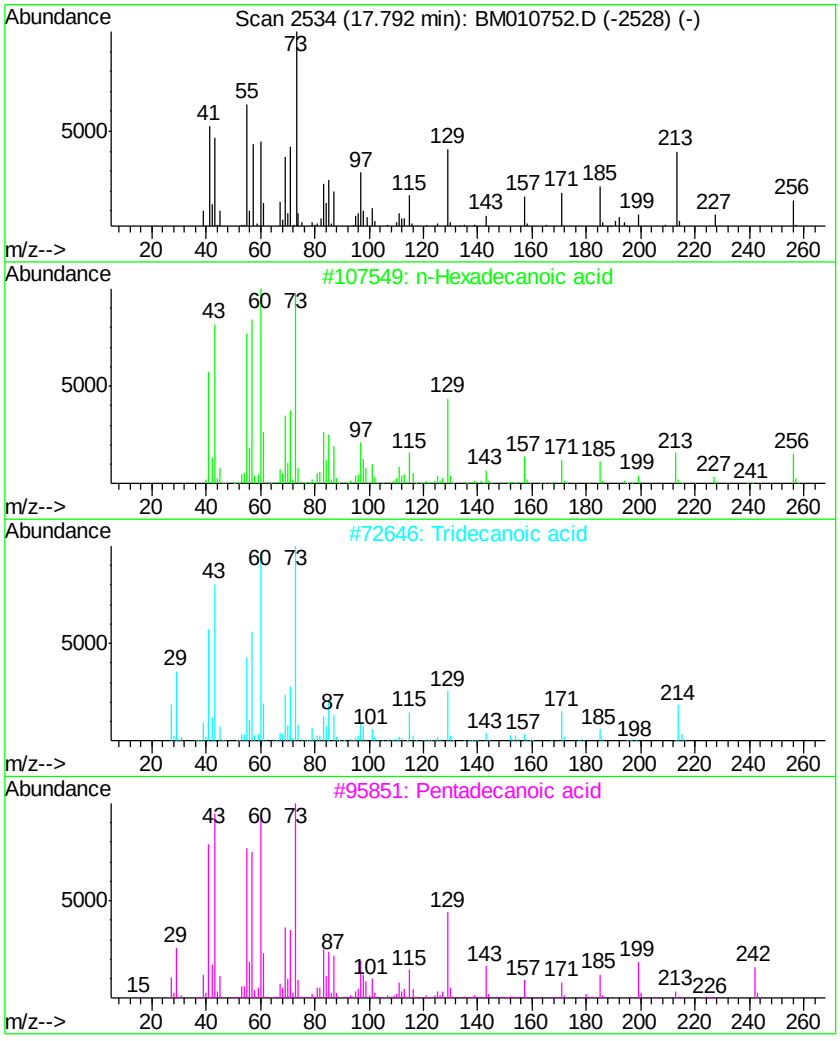
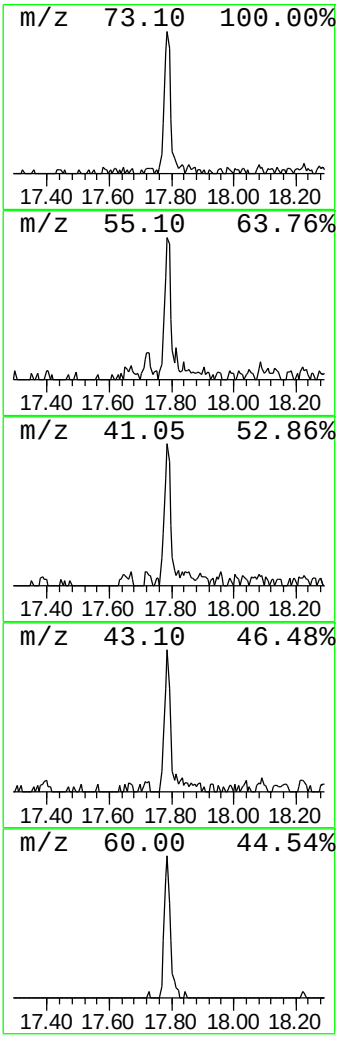
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.22 ng/ul	203750	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	30





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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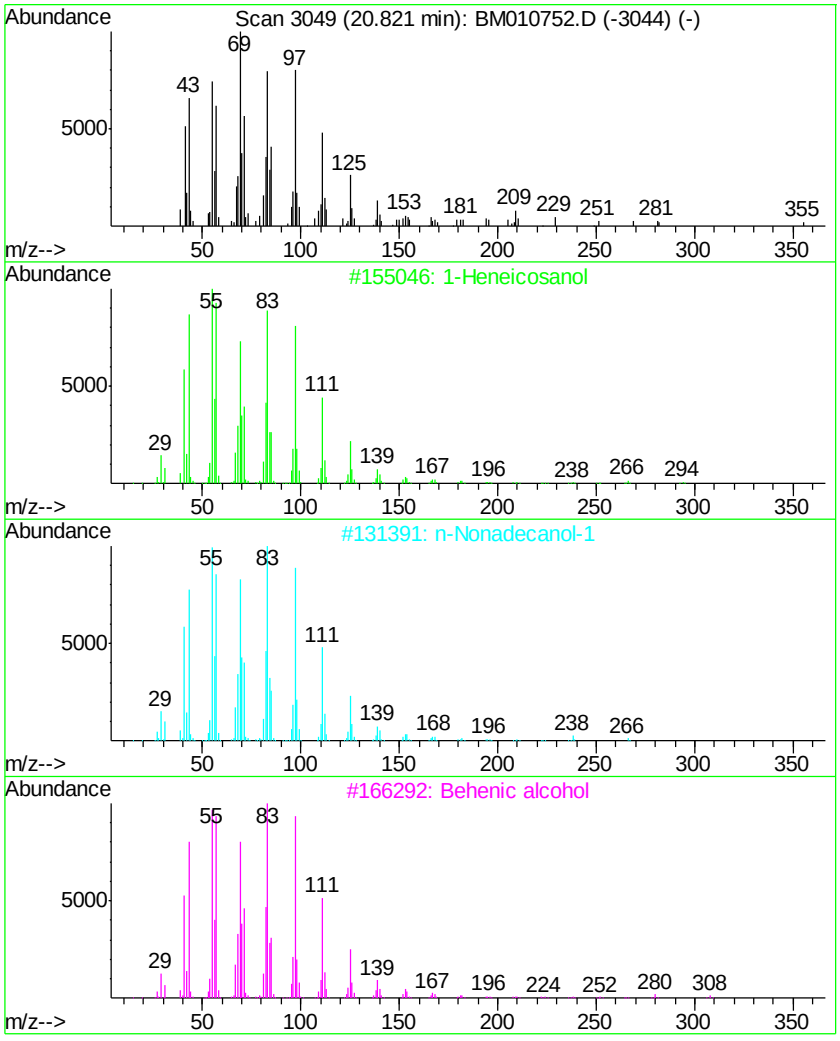
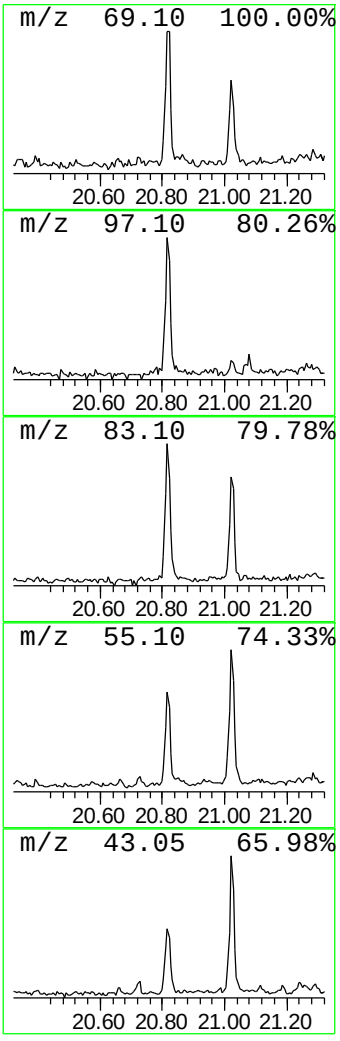
****

Peak Number 3 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.73 ng/ul	211467	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

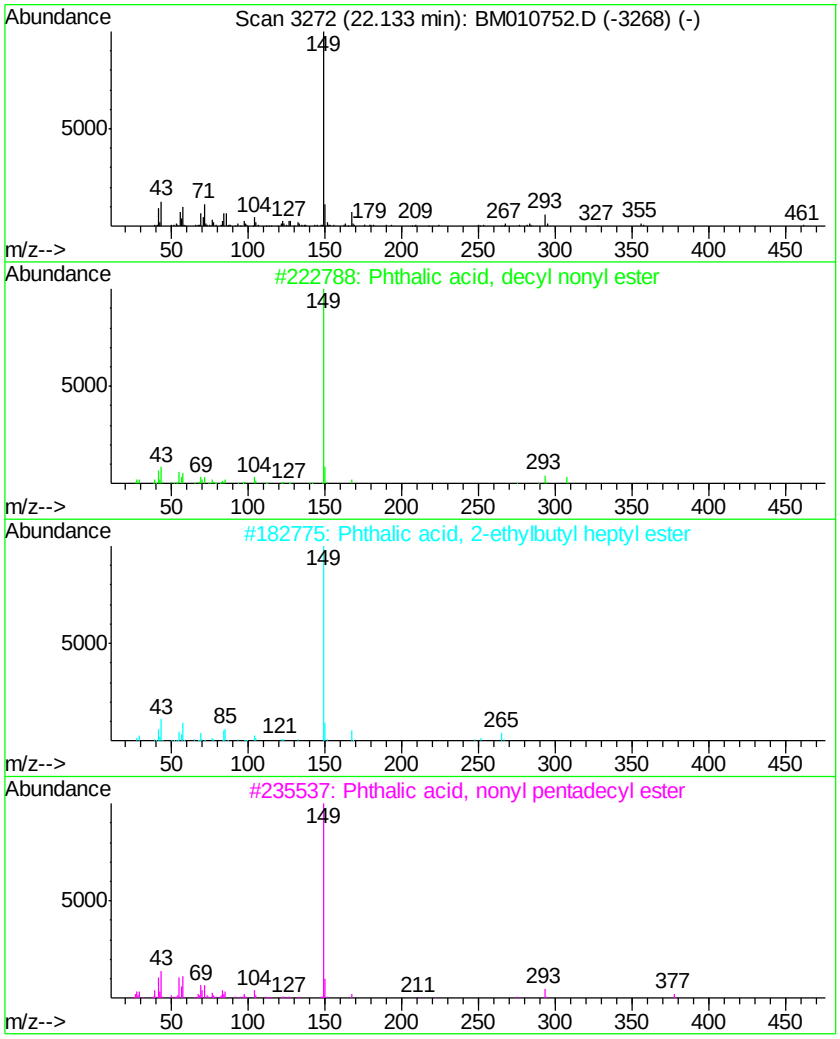
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

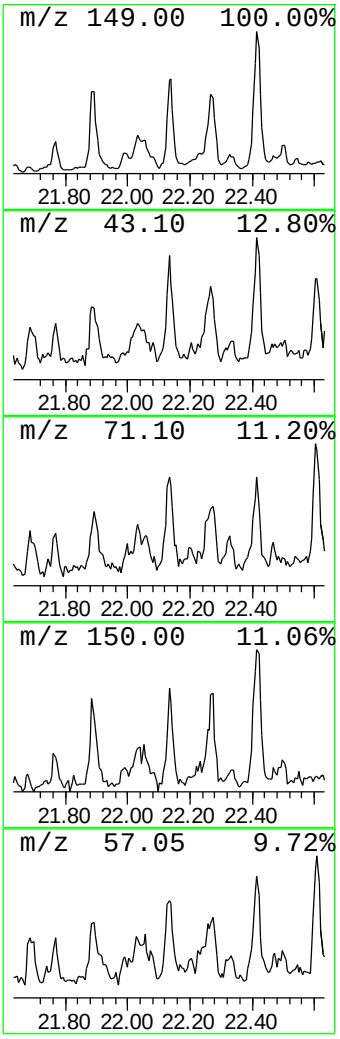
****

Peak Number 4 Phthalic acid, decyl nonyl ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	3.07 ng/ul	237950	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, decyl nonyl ester	432	C27H44O4	1000308-89-8	86
2	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	86
3	Phthalic acid, nonyl pentadecyl ...	502	C32H54O4	1000308-92-7	86
4	Phthalic acid, isohexyl pentadec...	460	C29H48O4	1000308-98-3	86
5	Phthalic acid, hexadecyl 4-methy...	502	C32H54O4	1000377-95-1	80





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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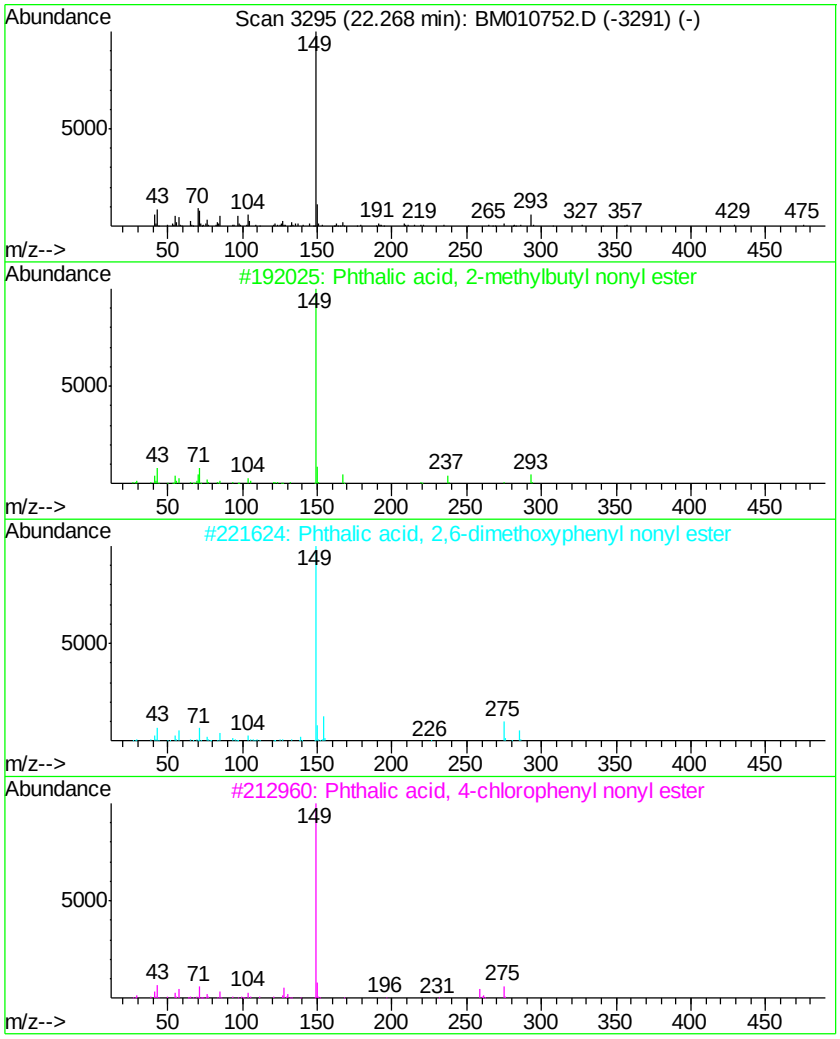
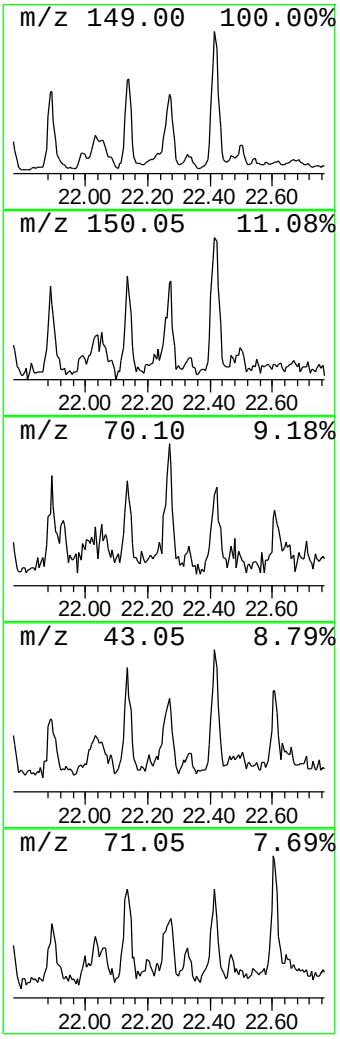
****

Peak Number 5 Phthalic acid, 2-methylbuty... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	4.54 ng/ul	270237	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-methylbutyl non...	362	C22H34O4	1000322-81-7	80
2	Phthalic acid, 2,6-dimethoxyphen...	428	C25H32O6	1000315-26-8	72
3	Phthalic acid, 4-chlorophenyl no...	402	C23H27ClO4	1000315-25-3	72
4	Phthalic acid, 3-methylbut-3-eny...	360	C22H32O4	1000357-10-7	72
5	Phthalic acid, 2,5-dichloropheny...	436	C23H26Cl2O4	1000356-84-4	72





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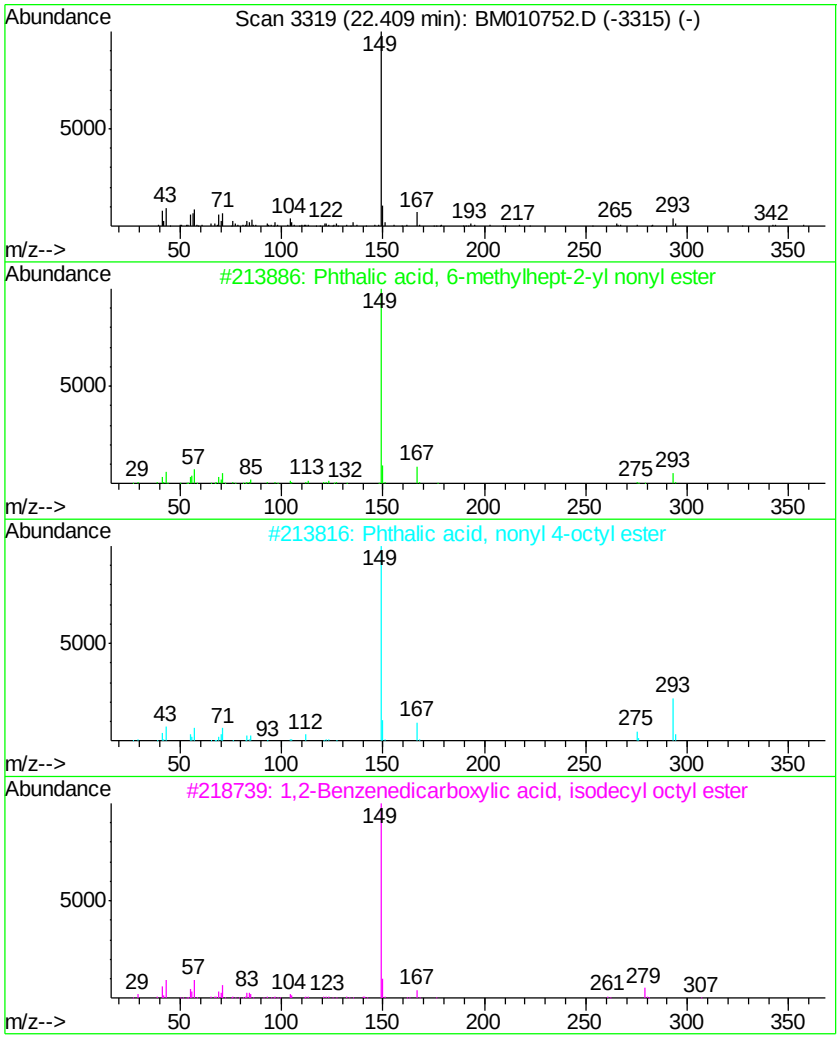
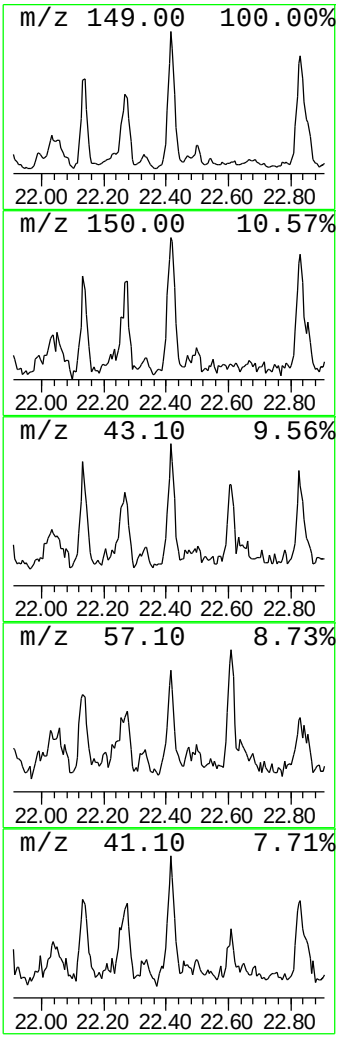
Peak Number 6 Phthalic acid, 6-methylhept... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	5.90 ng/ul	351037	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	86
2	Phthalic acid, nonyl 4-octyl ester	404	C25H40O4	1000314-84-2	86
3	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	80
4	Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	80
5	Phthalic acid, 2,4-dimethylpent-...	390	C24H38O4	1000356-84-8	78





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Quant Title : SVOA CALIBRATION

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

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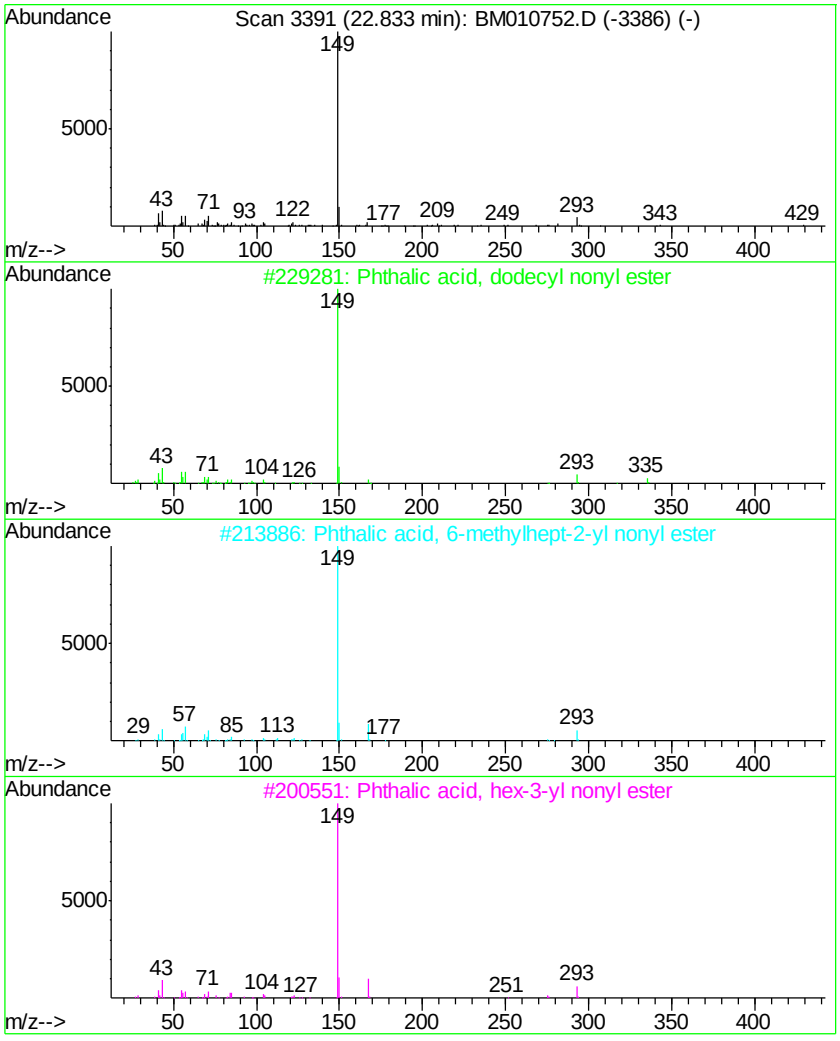
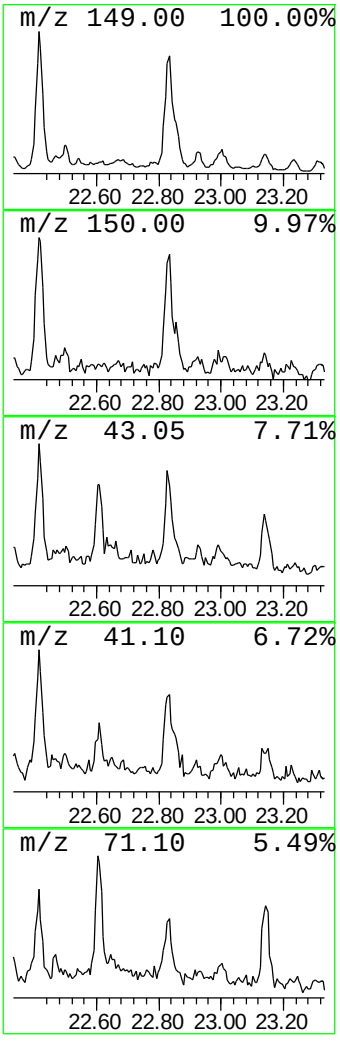
Peak Number 7 Phthalic acid, dodecyl nony... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	5.97 ng/ul	355386	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	86
2	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	80
3	Phthalic acid, hex-3-yl nonyl ester	376	C23H36O4	1000356-96-0	72
4	Phthalic acid, 8-chlorooctyl non...	438	C25H39ClO4	1000356-86-4	72
5	Phthalic acid, butyl 2-methylpen...	306	C18H26O4	1000356-90-8	64





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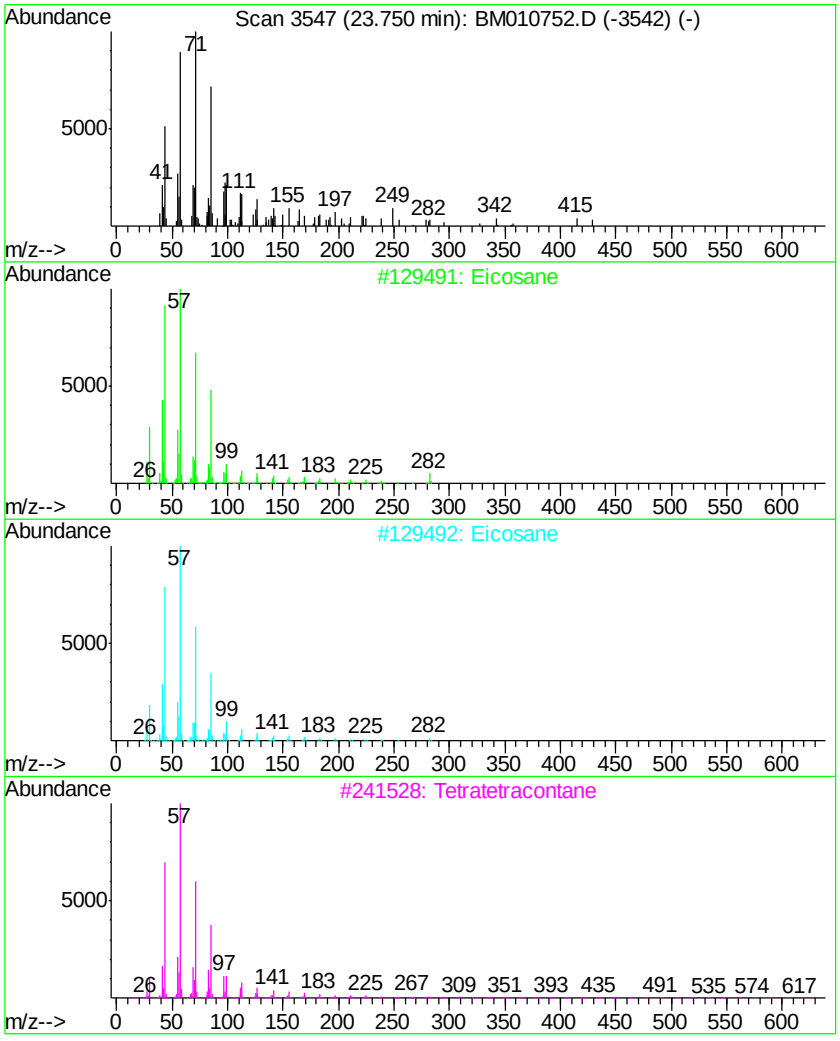
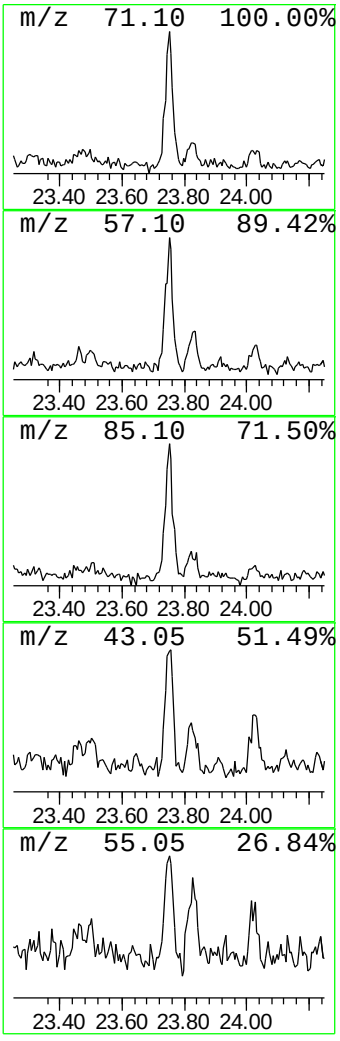
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	2.62 ng/ul	155960	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Eicosane	282	C20H42	000112-95-8	76
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	74
5	Tetratetracontane	619	C44H90	007098-22-8	74





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Data File : BM010752.D
Acq On : 26 Jun 2017 19:15
Operator : SJ/JU
Sample : I3756-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

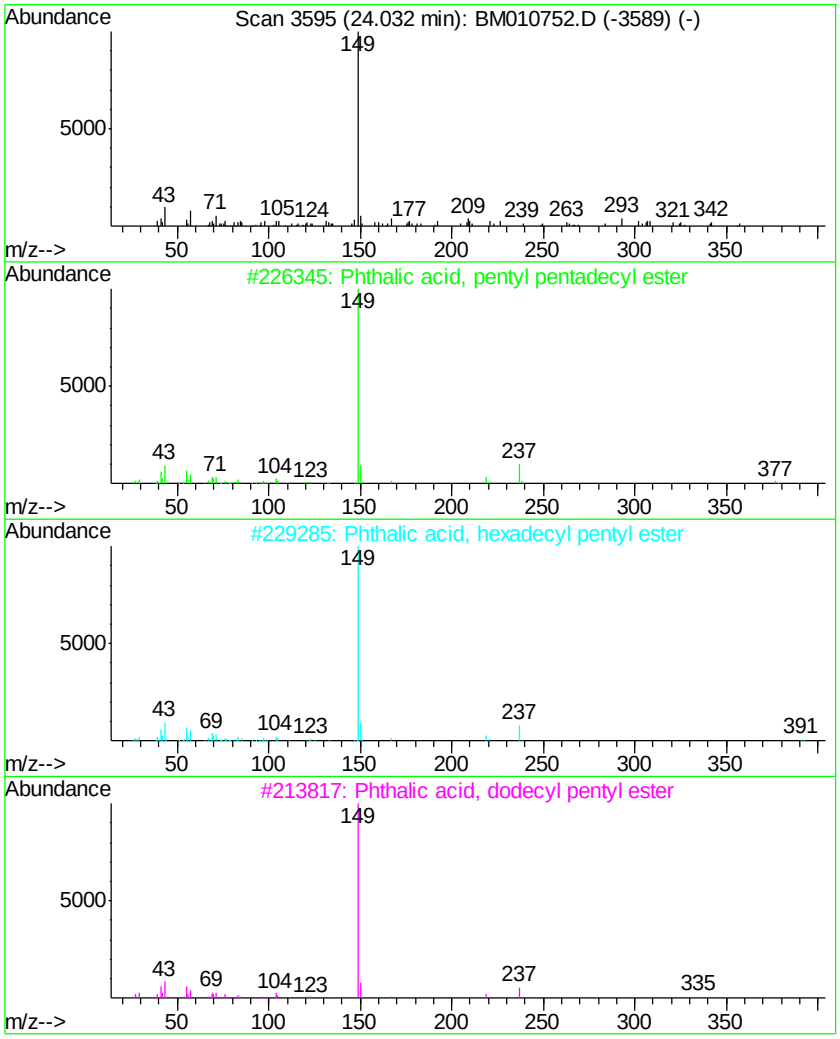
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

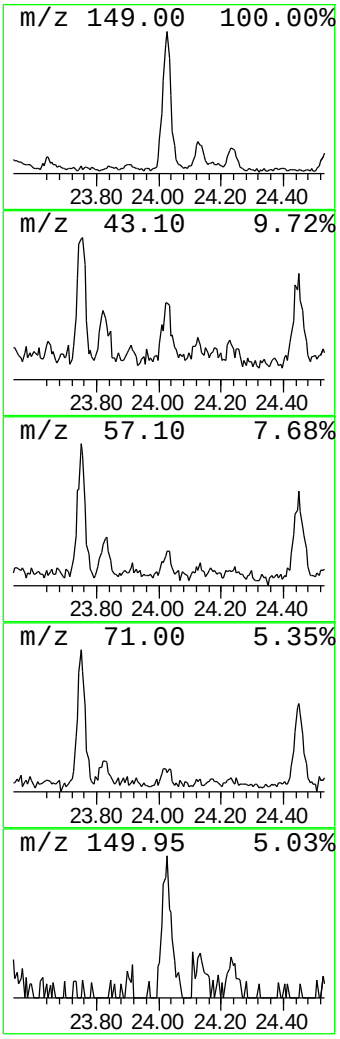
****

Peak Number 9 Phthalic acid, pentyl penta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.48 ng/ul	147759	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, pentyl pentadecyl...	446	C28H46O4	1000308-92-9	64
2	Phthalic acid, hexadecyl pentyl ...	460	C29H48O4	1000308-92-8	64
3	Phthalic acid, dodecyl pentyl ester	404	C25H40O4	1000308-93-0	64
4	Phthalic acid, decyl dodecyl ester	474	C30H50O4	1000309-04-9	64
5	Phthalic acid, hept-3-yl pentyl ...	334	C20H30O4	1000356-98-8	64





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010752.D
Acq On : 26 Jun 2017 19:15
Operator : SJ/JU
Sample : I3756-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
Diethyltoluamide	14.87	3.5	ng/ul	170939	3	14.11	981421	20.0
n-Hexadecanoic acid	17.79	3.2	ng/ul	203750	4	16.86	1265870	20.0
1-Heneicosanol	20.82	2.7	ng/ul	211467	5	21.08	1551750	20.0
Phthalic acid, de...	22.13	3.1	ng/ul	237950	5	21.08	1551750	20.0
Phthalic acid, 2-...	22.27	4.5	ng/ul	270237	6	23.22	1189860	20.0
Phthalic acid, 6-...	22.41	5.9	ng/ul	351037	6	23.22	1189860	20.0
Phthalic acid, do...	22.83	6.0	ng/ul	355386	6	23.22	1189860	20.0
(DEL) Alkane: Str...	23.75	2.6	ng/ul	155960	6	23.22	1189860	20.0
Phthalic acid, pe...	24.03	2.5	ng/ul	147759	6	23.22	1189860	20.0