LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010167.D
Acq On : 24 May 2017 06:46
Operator : SJ/MA
Sample : I3282-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM051917.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.534	409	416	424	rBV	1029449	1472053	11.86%	2.929%
2	7.140	682	689	700	rBV	563341	938430	7.56%	1.867%
3	7.493	742	749	760	rBV	1884814	2937509	23.67%	5.845%
4	7.952	821	827	834	rBV	497565	783605	6.31%	1.559%
5	8.275	874	882	894	rBV	1967376	3130538	25.23%	6.229%
6	9.140	1021	1029	1039	rBV	1455461	2393722	19.29%	4.763%
7	9.557	1089	1100	1107	rBV	147715	290471	2.34%	0.578%
8	10.763	1296	1305	1313	rBV	564627	990233	7.98%	1.970%
9	11.898	1492	1498	1503	rBV5	53583	129595	1.04%	0.258%
10	13.204	1713	1720	1729	rBV	4261173	6143103	49.50%	12.224%
11	14.045	1859	1863	1874	rVB	228878	332767	2.68%	0.662%
12	14.410	1917	1925	1934	rBV	966768	1642262	13.23%	3.268%
13	14.586	1949	1955	1962	rBV2	928197	1462328	11.78%	2.910%
14	15.316	2075	2079	2085	rBV	117097	195667	1.58%	0.389%
15	15.769	2152	2156	2162	rVB	212428	288728	2.33%	0.575%
16	16.075	2202	2208	2220	rBV	3479662	5275773	42.51%	10.498%
17	17.333	2416	2422	2430	rBV	1366577	1924756	15.51%	3.830%
18	17.792	2496	2500	2509	rVB	136453	212862	1.72%	0.424%
19	18.180	2562	2566	2577	rBV	318449	513590	4.14%	1.022%
20	19.451	2779	2782	2789	rBV2	223295	288384	2.32%	0.574%
21	19.768	2833	2836	2842	rVB	192577	263206	2.12%	0.524%
22	19.933	2858	2864	2869	rBV	10773047	12410051	100.00%	24.694%
23	21.492	3124	3129	3135	rBV	2316598	2966827	23.91%	5.903%
24	23.850	3524	3530	3540	rVB2	1644650	3269831	26.35%	6.506%

Sum of corrected areas: 50256291

LSC Report - Integrated Chromatogram

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Operator : SJ/MA
Sample : I3282-06
Misc :
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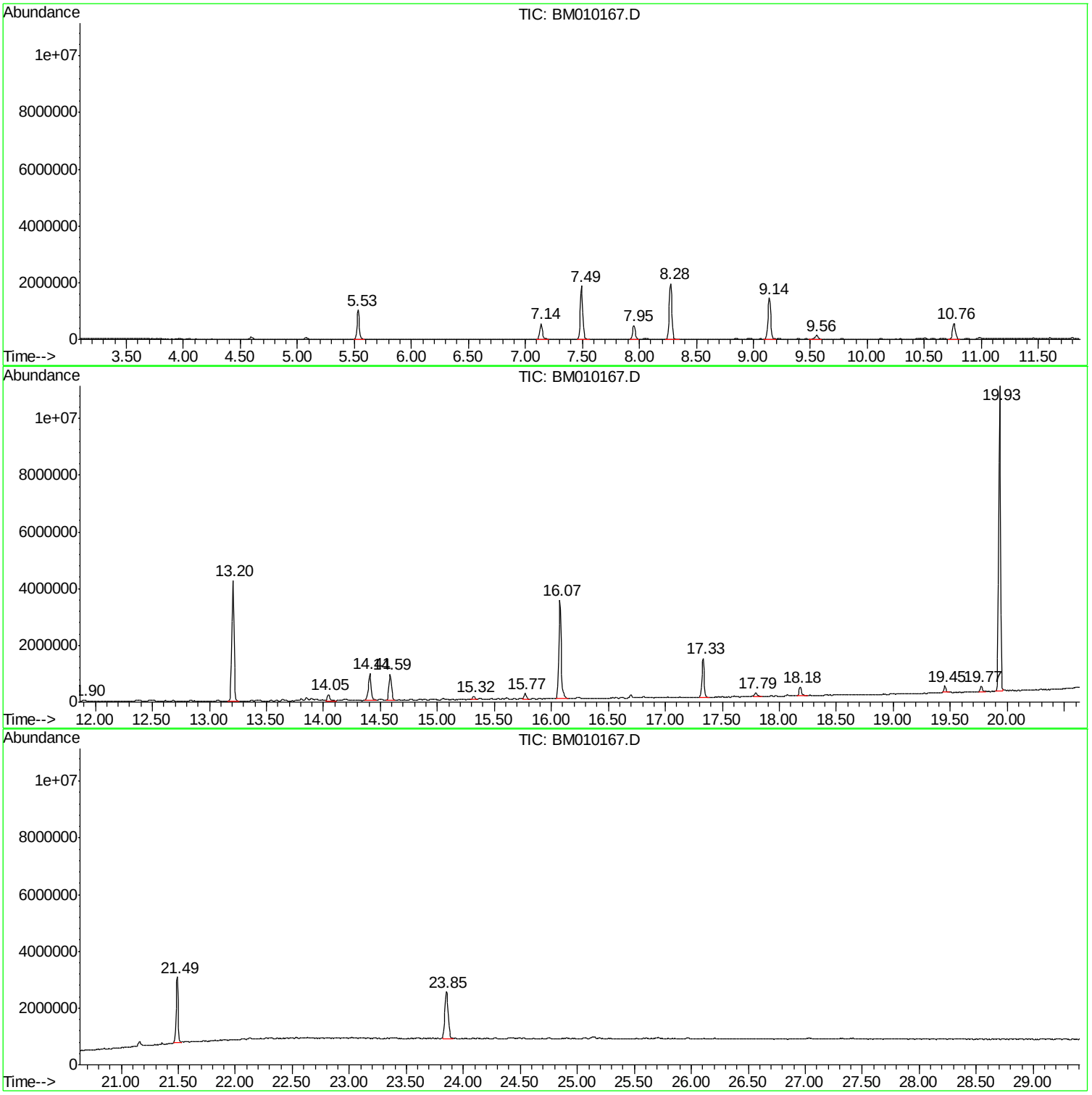
Instrument : BNA_M
ClientSampleId : GMW-2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010167.D
Acq On : 24 May 2017 06:46
Operator : SJ/MA
Sample : I3282-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

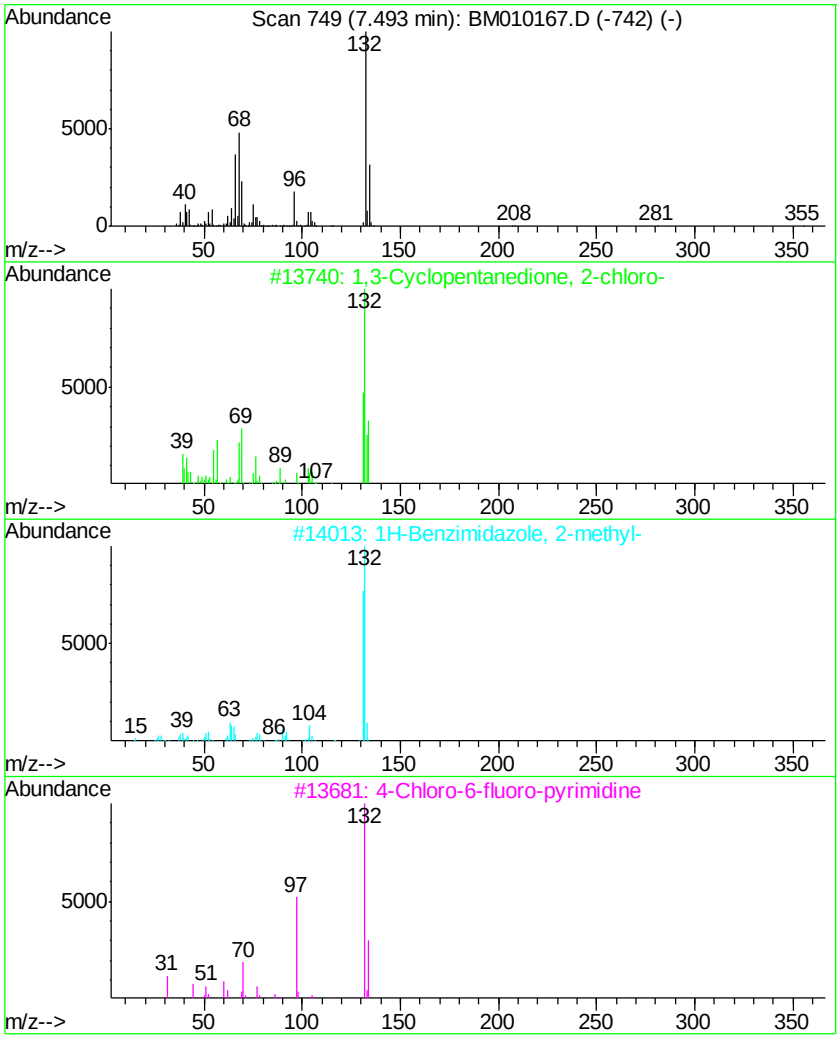
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

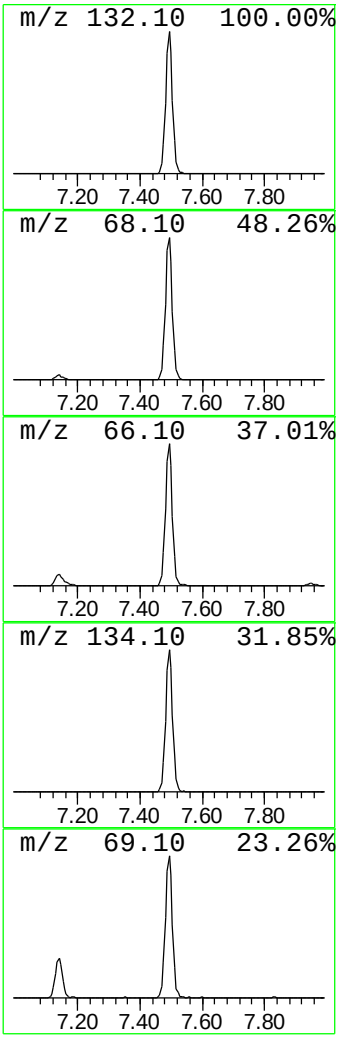
****

Peak Number 1 unknown7.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	74.97 ng	2937510	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22





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Operator : SJ/MA
Sample : I3282-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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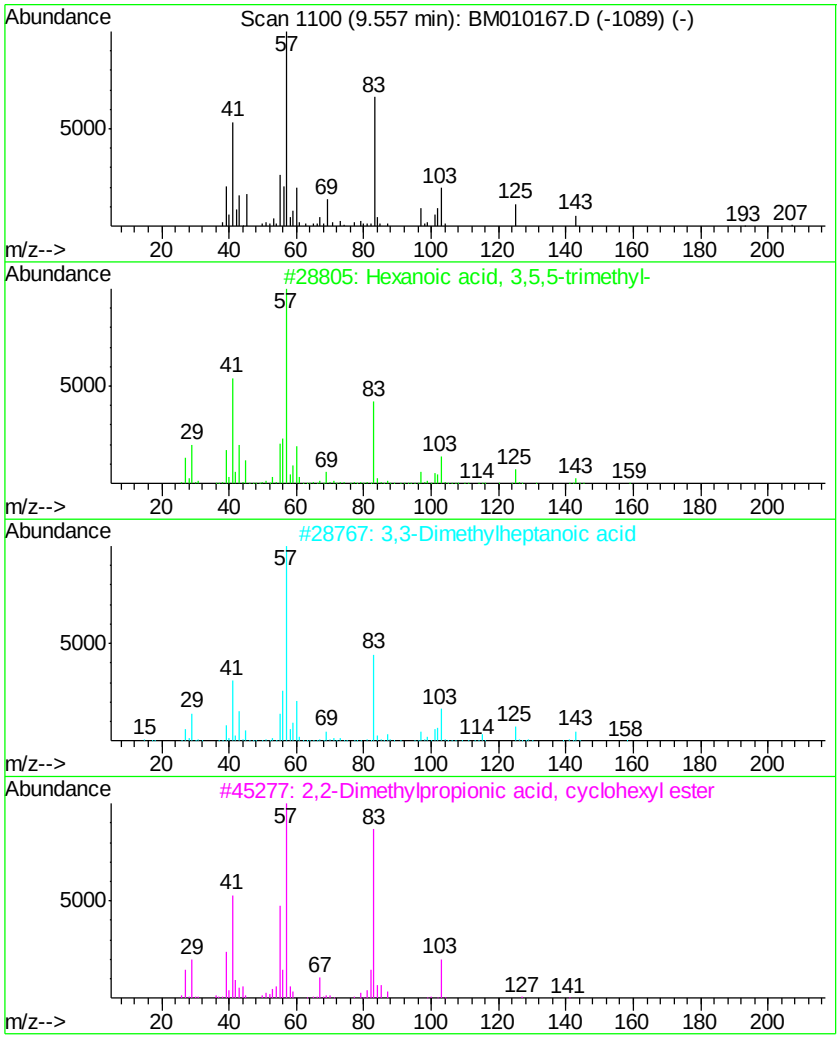
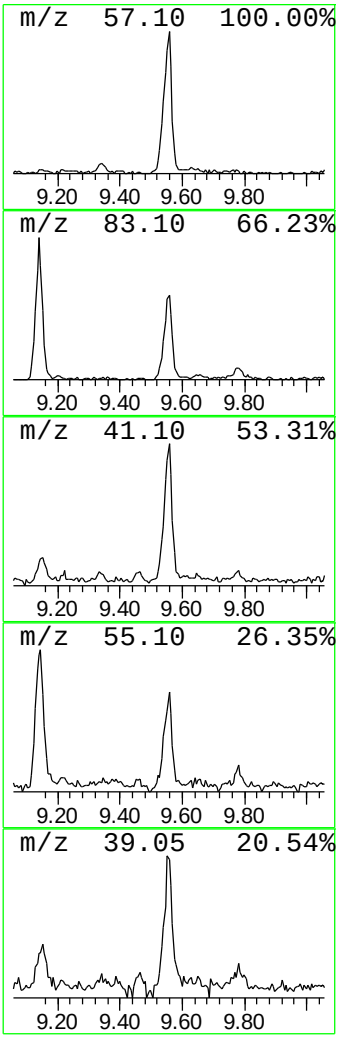
Peak Number 3 Hexanoic acid, 3,5,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	5.87 ng	290471	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	64
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	59
3	2,2-Dimethylpropionic acid, cycl...	184	C11H20O2	029878-49-7	37
4	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	22
5	2,2-Dimethylpropionic acid, trid...	284	C18H36O2	105859-93-6	22





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010167.D
Acq On : 24 May 2017 06:46
Operator : SJ/MA
Sample : I3282-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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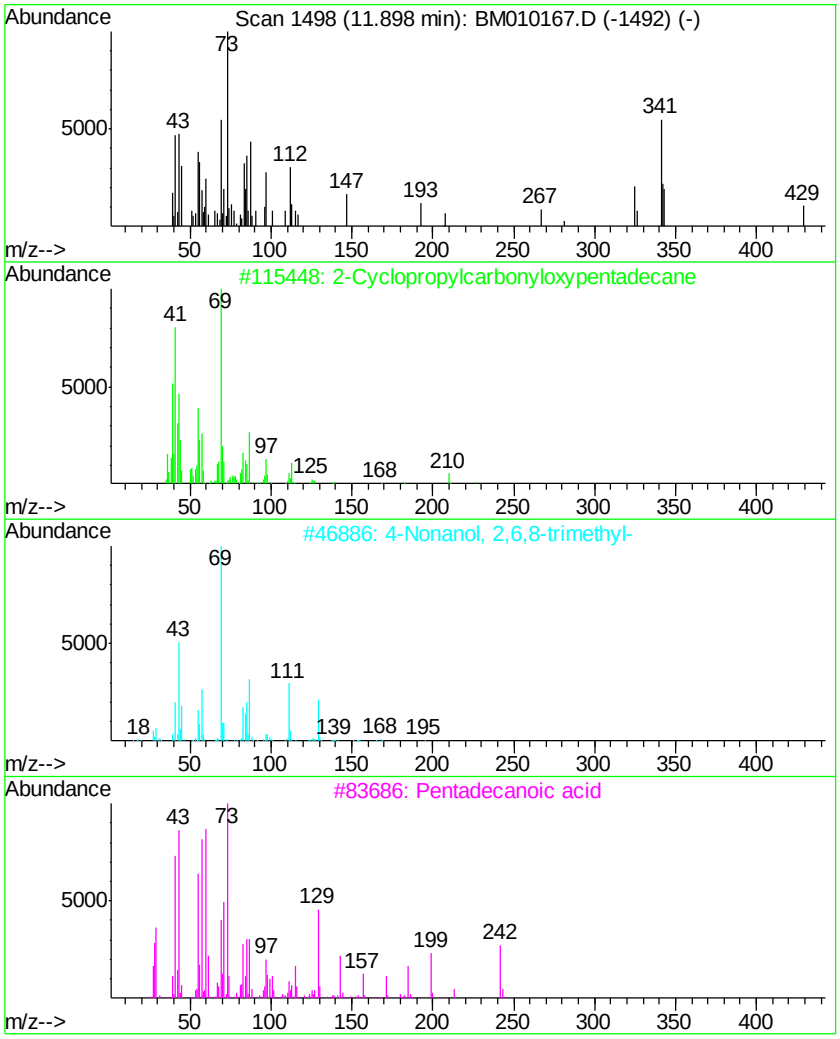
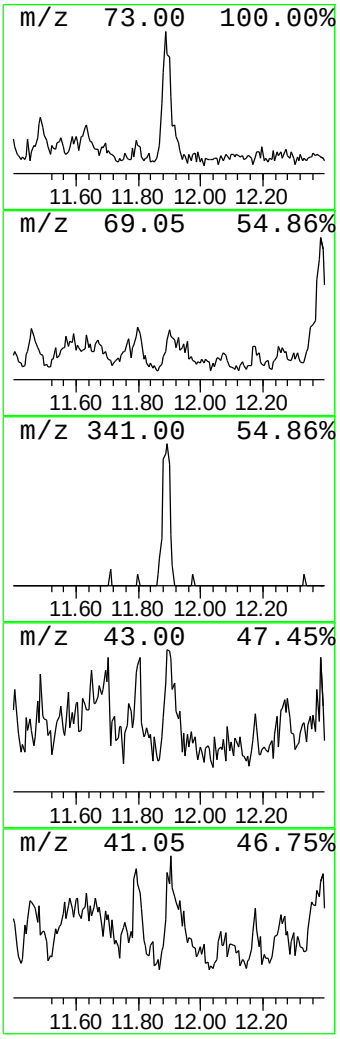
Peak Number 4 unknown11.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.62 ng	129595	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopropylcarbonyloxypentadecane	296	C19H36O2	1000245-58-9	16
2	4-Nonanol, 2,6,8-trimethyl-	186	C12H26O	000123-17-1	16
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	12
4	Octadecane-12-on-1-ol, TMS	356	C21H44O2Si	173029-12-4	12
5	3-Cyclopropylcarbonyloxypentadecane	296	C19H36O2	1000245-59-0	12





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Data File : BM010167.D
Acq On : 24 May 2017 06:46
Operator : SJ/MA
Sample : I3282-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

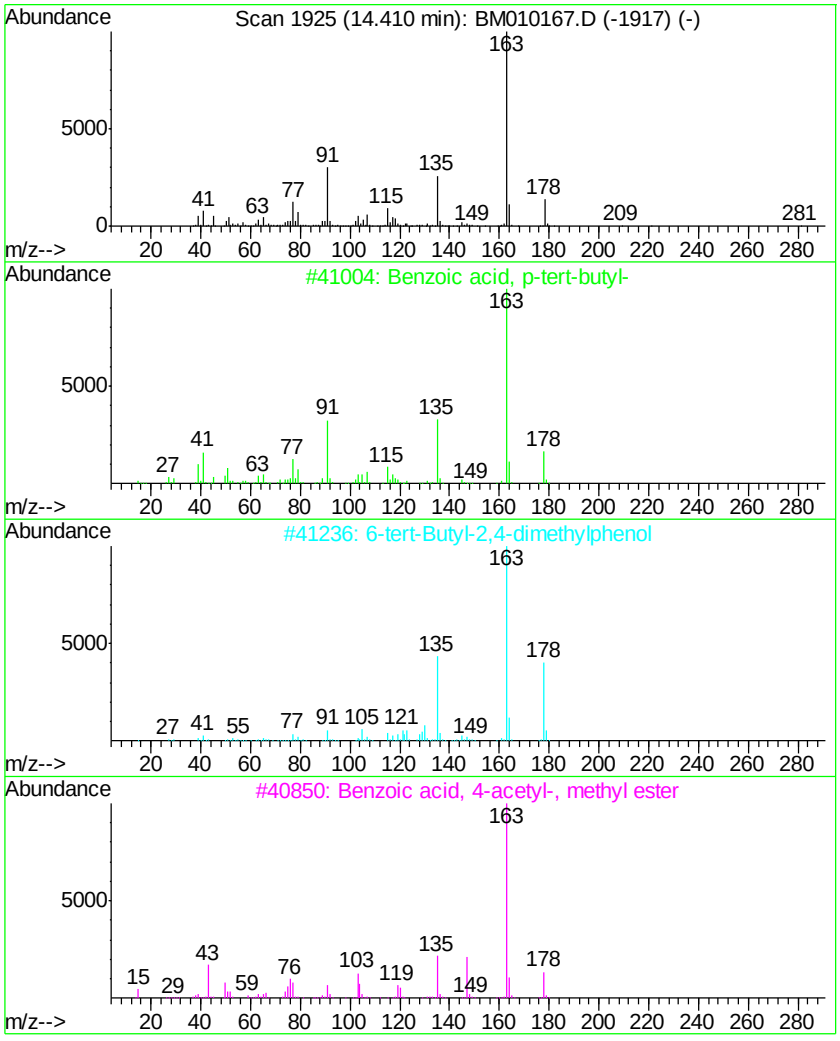
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

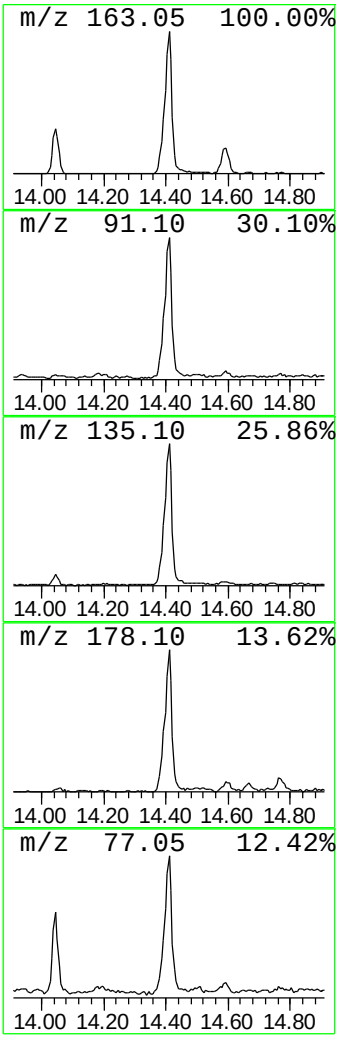
****

Peak Number 5 Benzoic acid, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	22.46 ng	1642260	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	68
3	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	64
4	Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	50
5	2,3-Dihydro-4-methoxyindole-2-one	163	C9H9NO2	007699-17-4	50





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Operator : SJ/MA
Sample : I3282-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

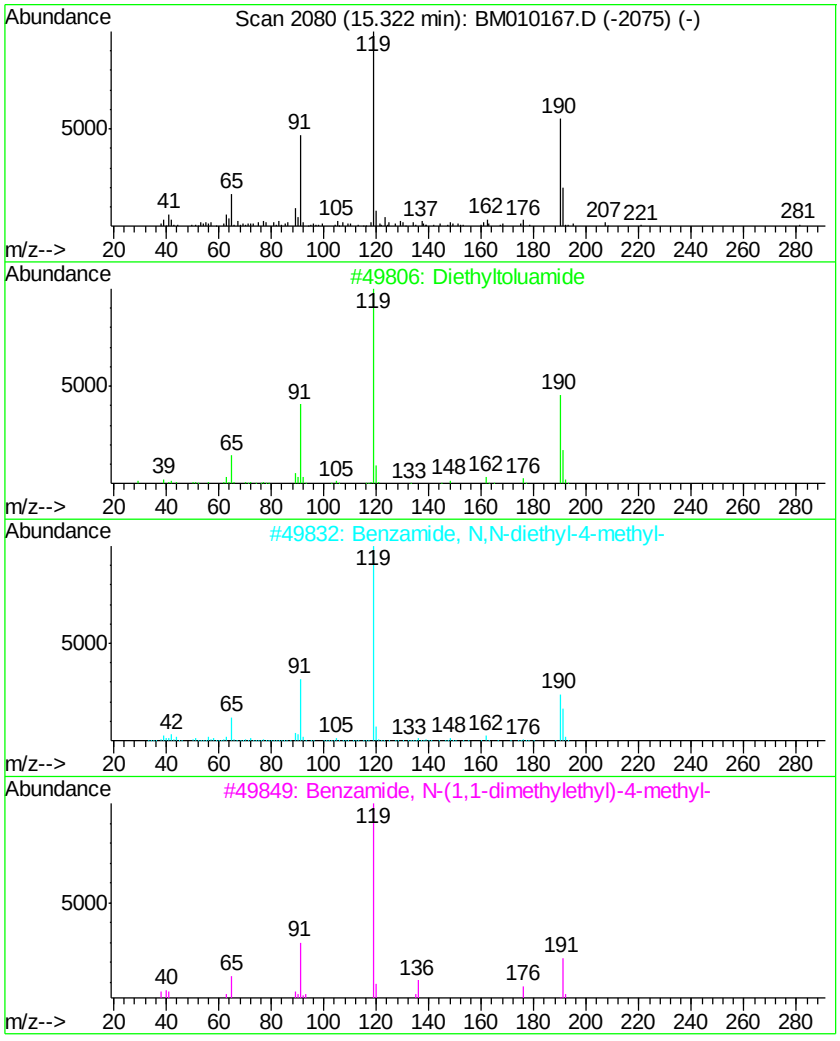
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

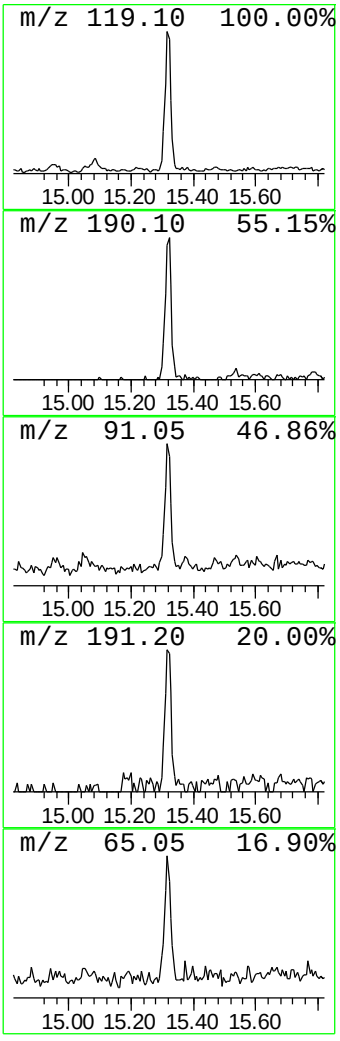
****

Peak Number 6 Diethyltoluamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.68 ng	195667	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	64
3	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	53
4	Quinoxaline-2(1H)-one, 5,6,7,8-t...	314	C17H18N2O4	1000295-63-8	47
5	Benzoic acid, 4-methyl-, phenyl ...	212	C14H12O2	001900-85-2	47





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Misc :
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Instrument : BNA_M
ClientSampleId : GMW-2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

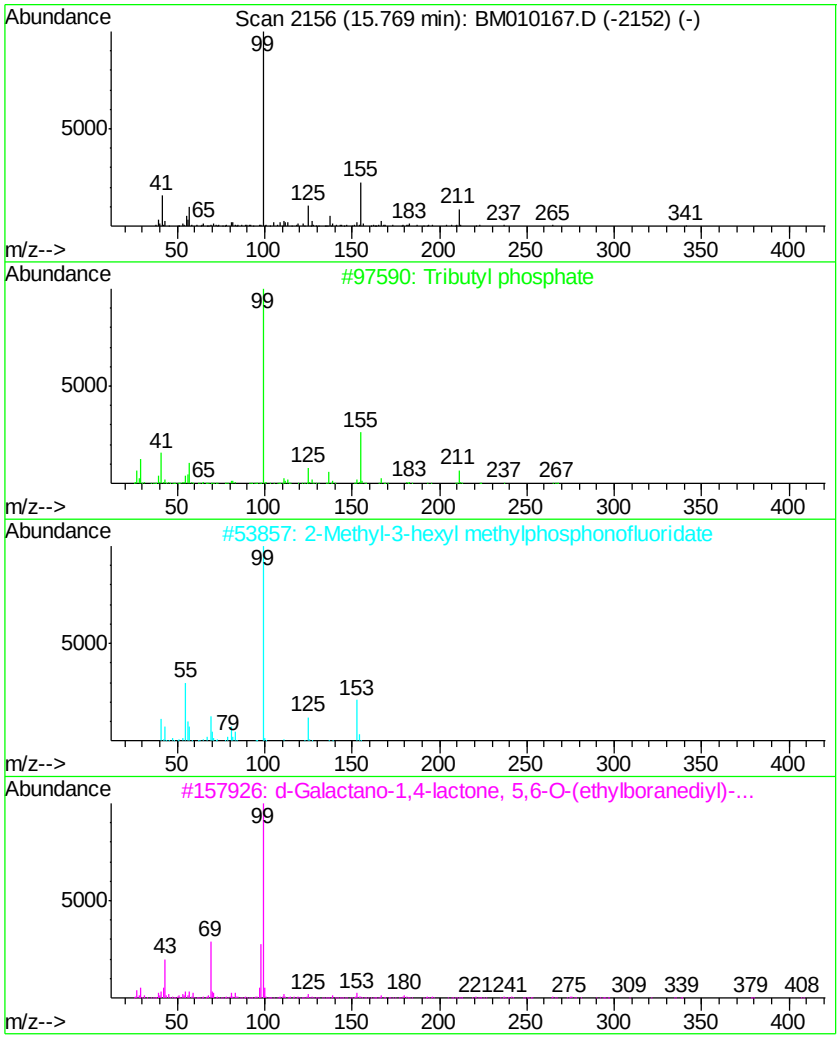
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

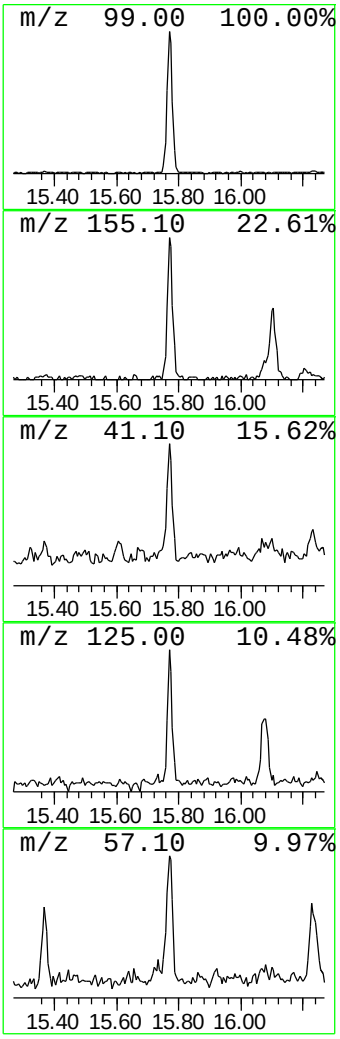
****

Peak Number 7 Tributyl phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.95 ng	288728	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	2-Methyl-3-hexyl methylphosphono...	196	C8H18FO2P	345260-70-0	33
3	d-Galactano-1,4-lactone, 5,6-O-(...	408	C12H11BF6O8	1000150-02-1	28
4	1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	10
5	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	9





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Instrument : BNA_M
ClientSampleId : GMW-2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

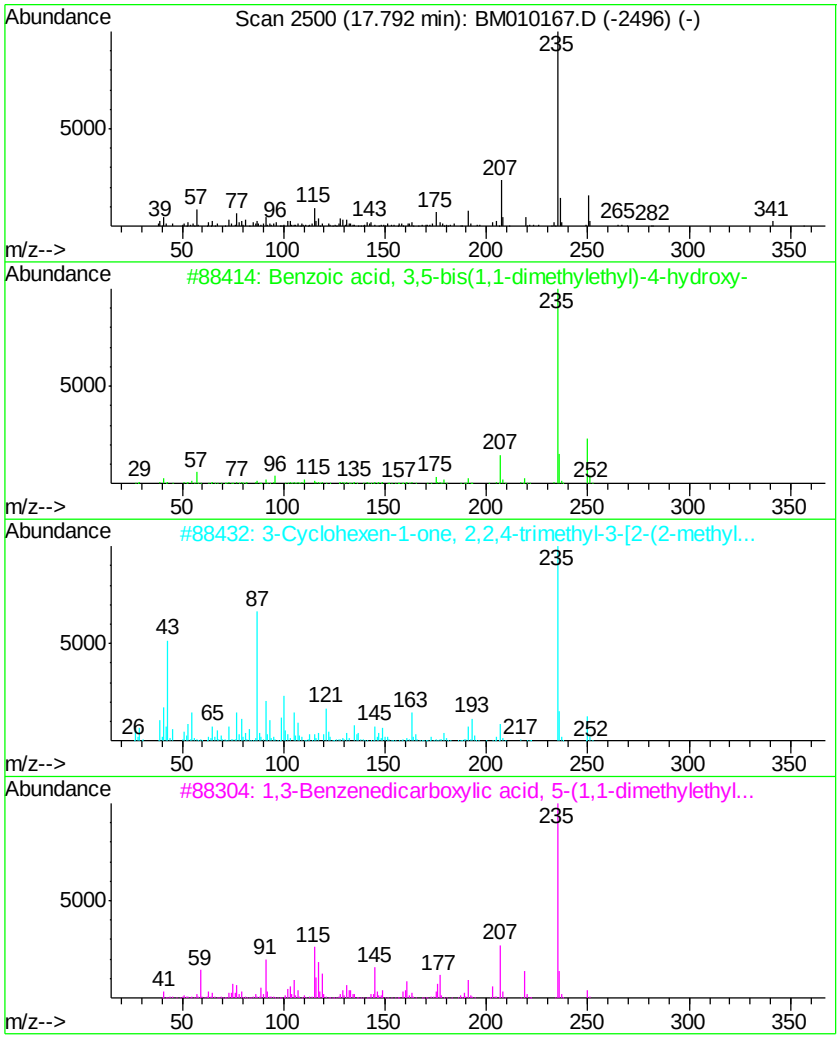
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

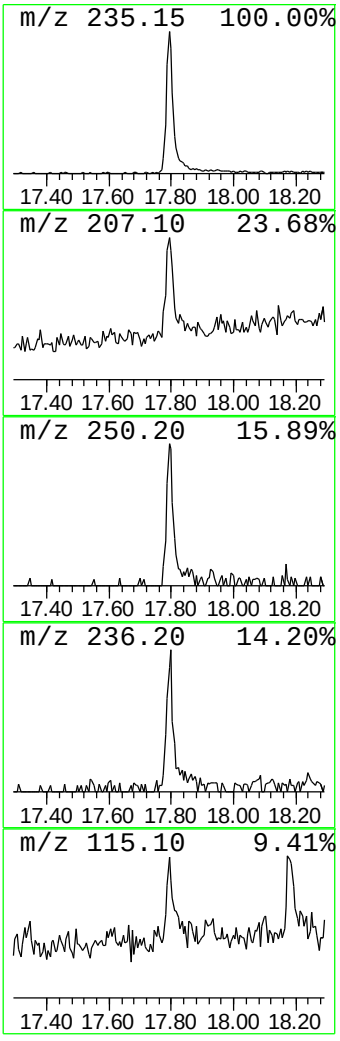
****

Peak Number 8 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.21 ng	212862	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	91
2	3-Cyclohexen-1-one, 2,2,4-trimet...	250	C15H22O3	1000197-90-2	59
3	1,3-Benzenedicarboxylic acid, 5-...	250	C14H18O4	016308-65-9	56
4	N-(4-Hydroxyphenyl)-2-naphthylamine	235	C16H13NO	000093-45-8	53
5	4-[Acetyloxy-(2-pyridyl)methyl]-...	294	C17H14N2O3	093323-89-8	53





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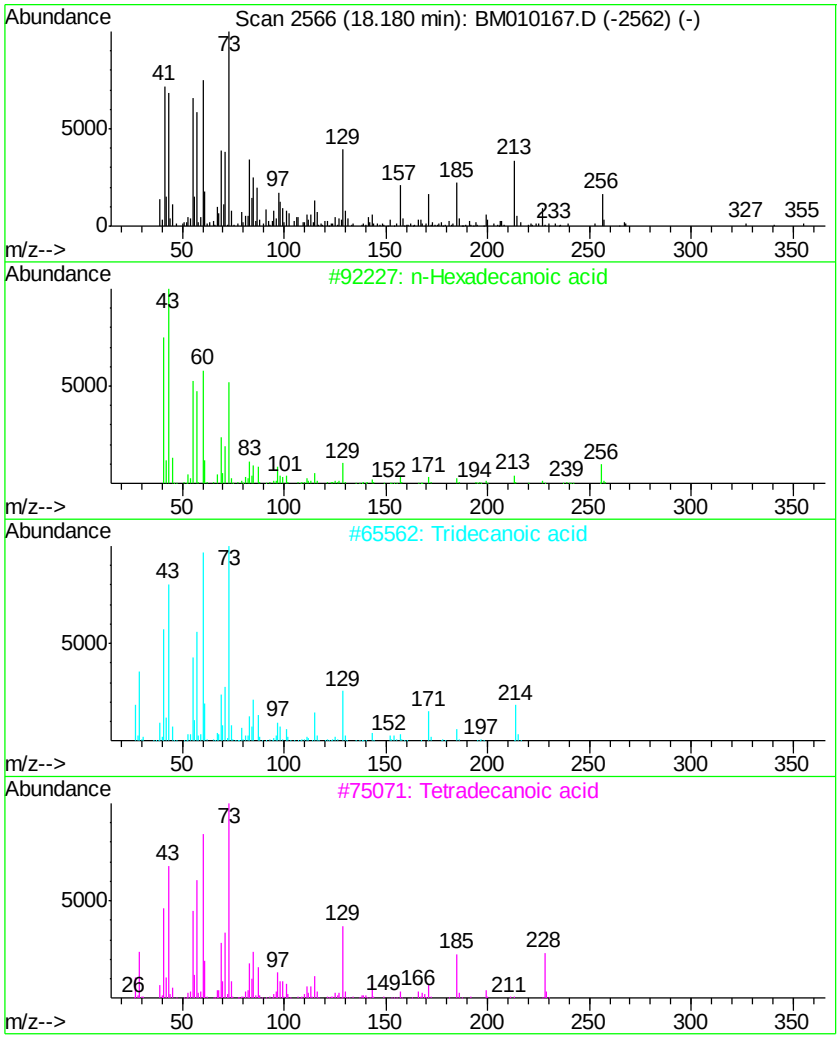
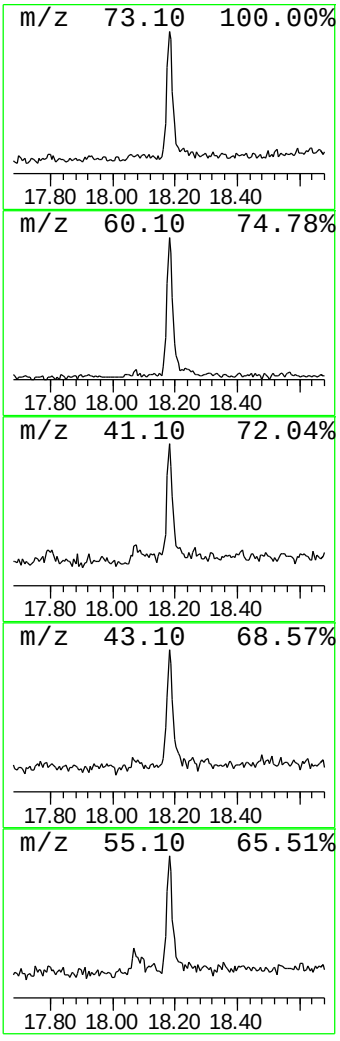
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.34 ng	513590	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.49	7.49	75.0	ng	2937510	1	7.95	783605	20.0
Hexanoic acid, 3,...	9.56	5.9	ng	290471	2	10.76	990233	20.0
unknown11.90	11.90	2.6	ng	129595	2	10.76	990233	20.0
Benzoic acid, p-t...	14.41	22.5	ng	1642260	3	14.59	1462330	20.0
Diethyltoluamide	15.32	2.7	ng	195667	3	14.59	1462330	20.0
Tributyl phosphate	15.77	4.0	ng	288728	3	14.59	1462330	20.0
Benzoic acid, 3,5...	17.79	2.2	ng	212862	4	17.33	1924760	20.0
n-Hexadecanoic acid	18.18	5.3	ng	513590	4	17.33	1924760	20.0