LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

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-BM110417MA.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	4.028	153	160	168	rVB	77935	111400	1.53%	0.562%
2	5.463	399	404	413	rBV	119413	212988	2.93%	1.075%
3	5.828	461	466	475	rVB	120590	170199	2.34%	0.859%
4	6.957	652	658	667	rBV2	89546	173397	2.38%	0.875%
5	7.428	733	738	742	rBV	107602	178464	2.45%	0.901%
6	7.810	793	803	811	rBV	313839	521462	7.16%	2.631%
7	9.028	1005	1010	1018	rVB	87783	128904	1.77%	0.650%
8	10.598	1268	1277	1283	rBV	449571	776993	10.67%	3.921%
9	13.857	1826	1831	1836	rBV	76764	101463	1.39%	0.512%
10	14.139	1875	1879	1886	rVB	88304	122482	1.68%	0.618%
11	14.451	1924	1932	1941	rBV2	741946	1150312	15.80%	5.804%
12	15.116	2040	2045	2049	rVB	100974	116836	1.60%	0.590%
13	15.439	2094	2100	2106	rVB	114136	163478	2.25%	0.825%
14	15.986	2187	2193	2198	rBV	5735905	7280808	100.00%	36.738%
15	16.545	2284	2288	2293	rVB	61677	76511	1.05%	0.386%
16	16.733	2315	2320	2325	rBV	90072	114119	1.57%	0.576%
17	17.192	2392	2398	2404	rBV2	960029	1409583	19.36%	7.113%
18	17.292	2409	2415	2420	rBV	124161	178400	2.45%	0.900%
19	18.086	2545	2550	2554	rBV3	52174	82023	1.13%	0.414%
20	18.157	2558	2562	2572	rVB	121793	168826	2.32%	0.852%
21	18.857	2678	2681	2683	rBV	117735	152437	2.09%	0.769%
22	19.251	2744	2748	2753	rBV	57616	84172	1.16%	0.425%
23	19.586	2800	2805	2808	rBV	173535	239022	3.28%	1.206%
24	20.574	2971	2973	2978	rVB	153093	166410	2.29%	0.840%
25	20.839	3015	3018	3025	rBV	102852	140699	1.93%	0.710%
26	21.286	3090	3094	3098	rVB	810571	904919	12.43%	4.566%
27	21.374	3104	3109	3113	rBV	1102863	1351935	18.57%	6.822%
28	21.915	3197	3201	3206	rVB	2148137	2376670	32.64%	11.992%
29	23.662	3493	3498	3506	rVB	637867	1163229	15.98%	5.870%

Sum of corrected areas: 19818141

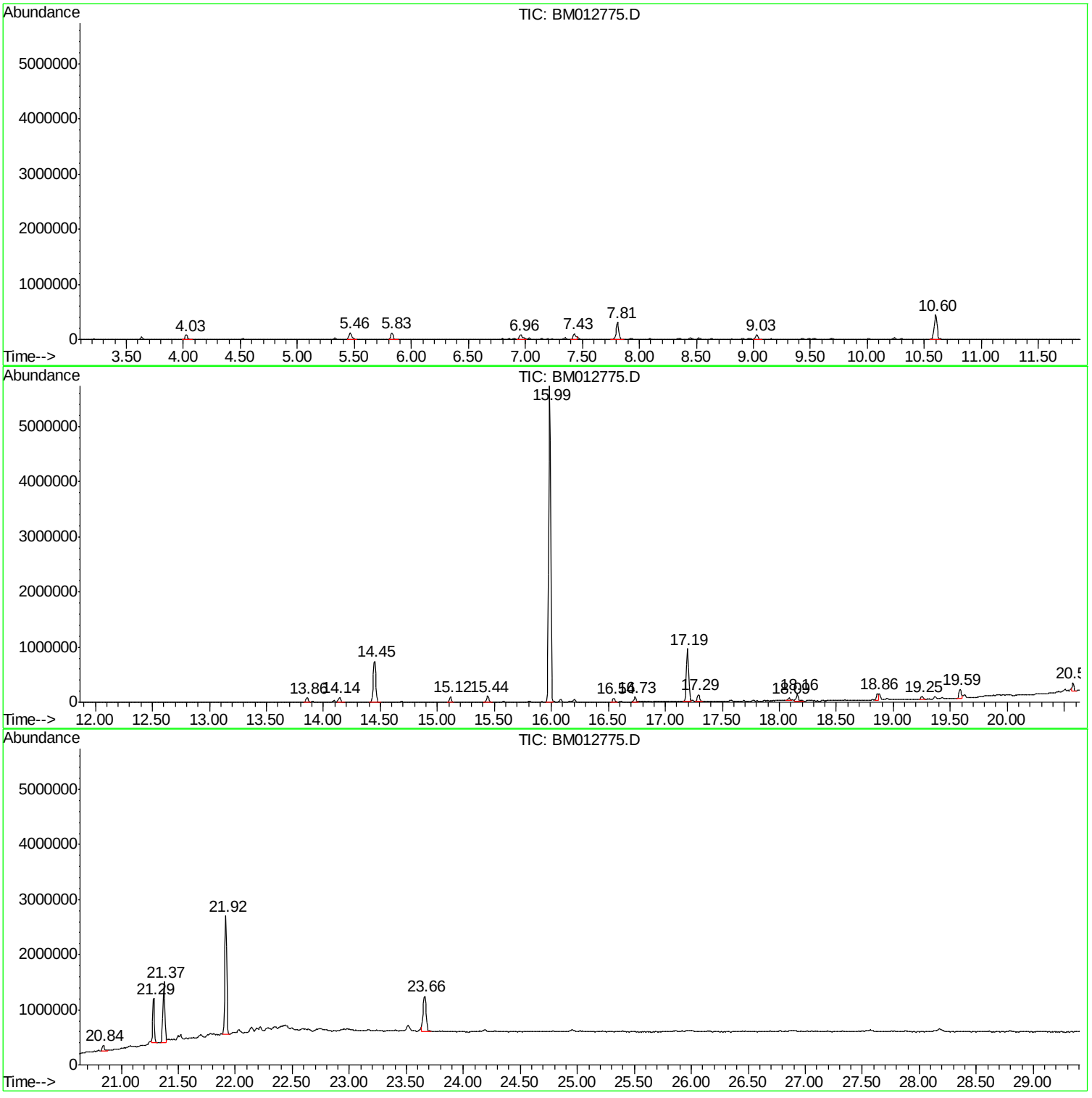
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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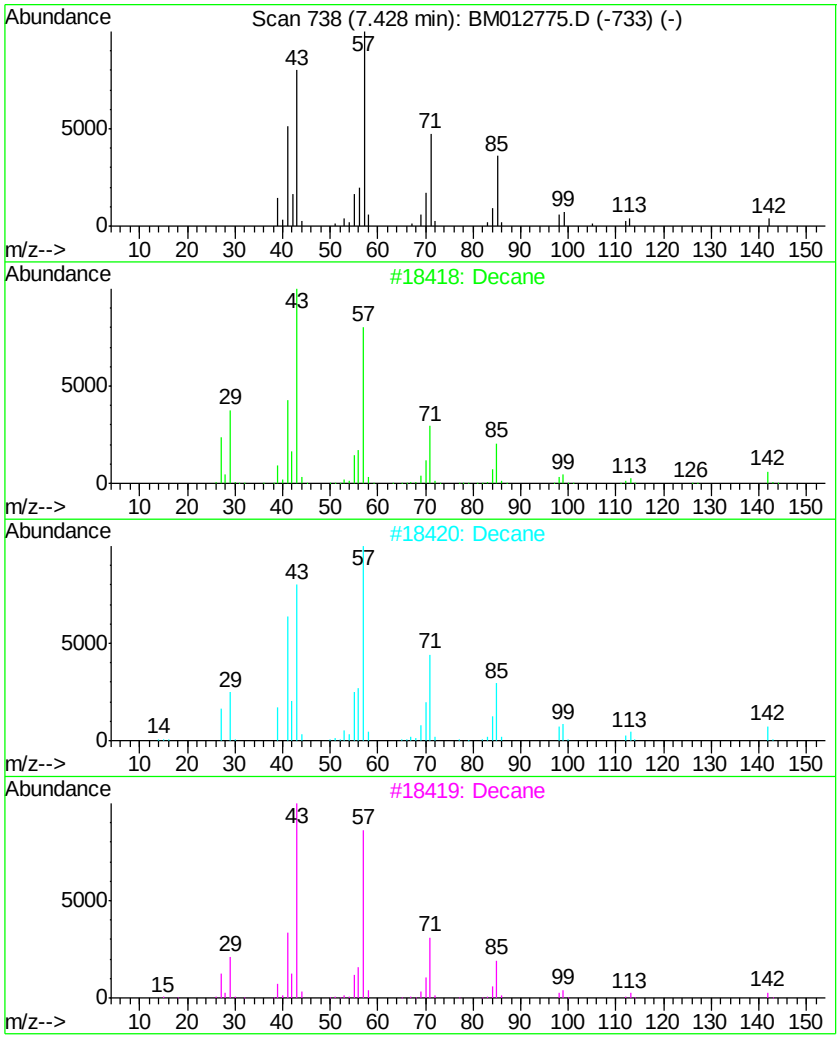
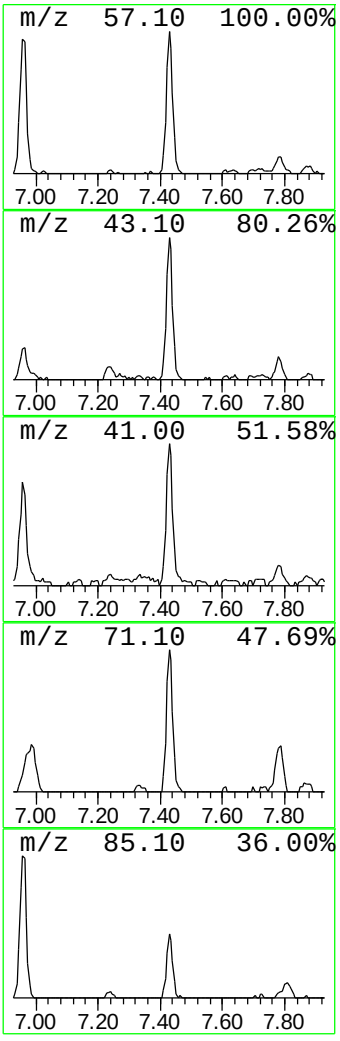
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	6.84 ng/ul	178464	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	91
3	Decane	142	C10H22	000124-18-5	91
4	Decane	142	C10H22	000124-18-5	90
5	Tridecane	184	C13H28	000629-50-5	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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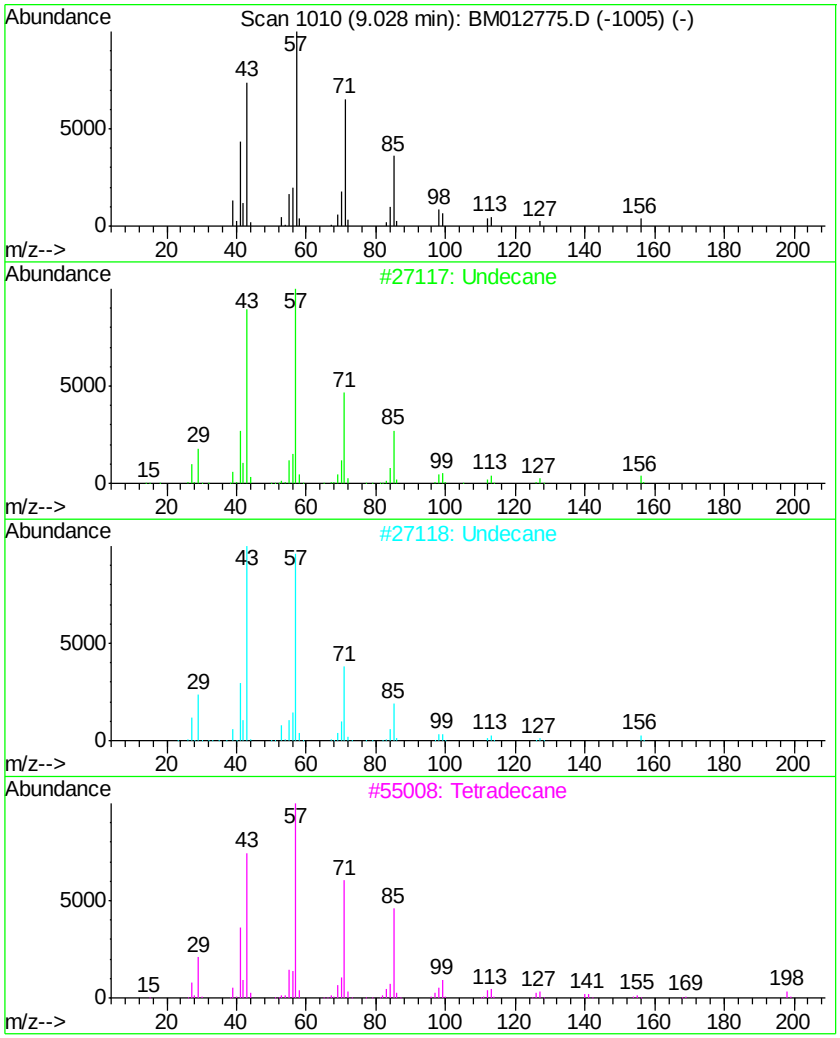
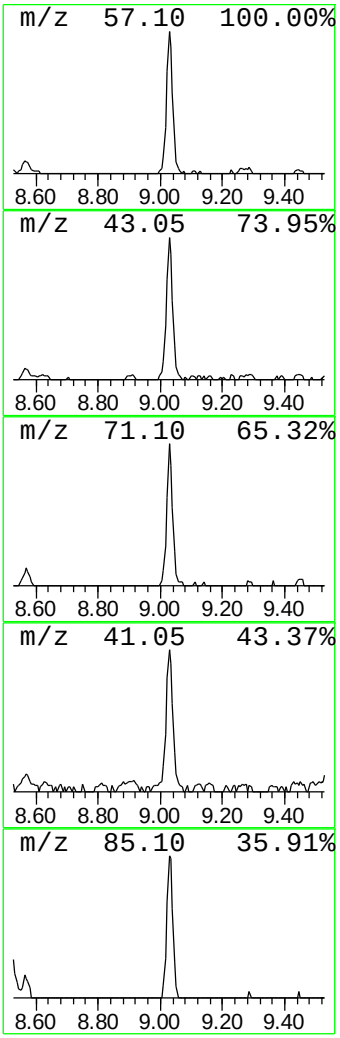
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	4.94 ng/ul	128904	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	74
3	Tetradecane	198	C14H30	000629-59-4	72
4	Decane	142	C10H22	000124-18-5	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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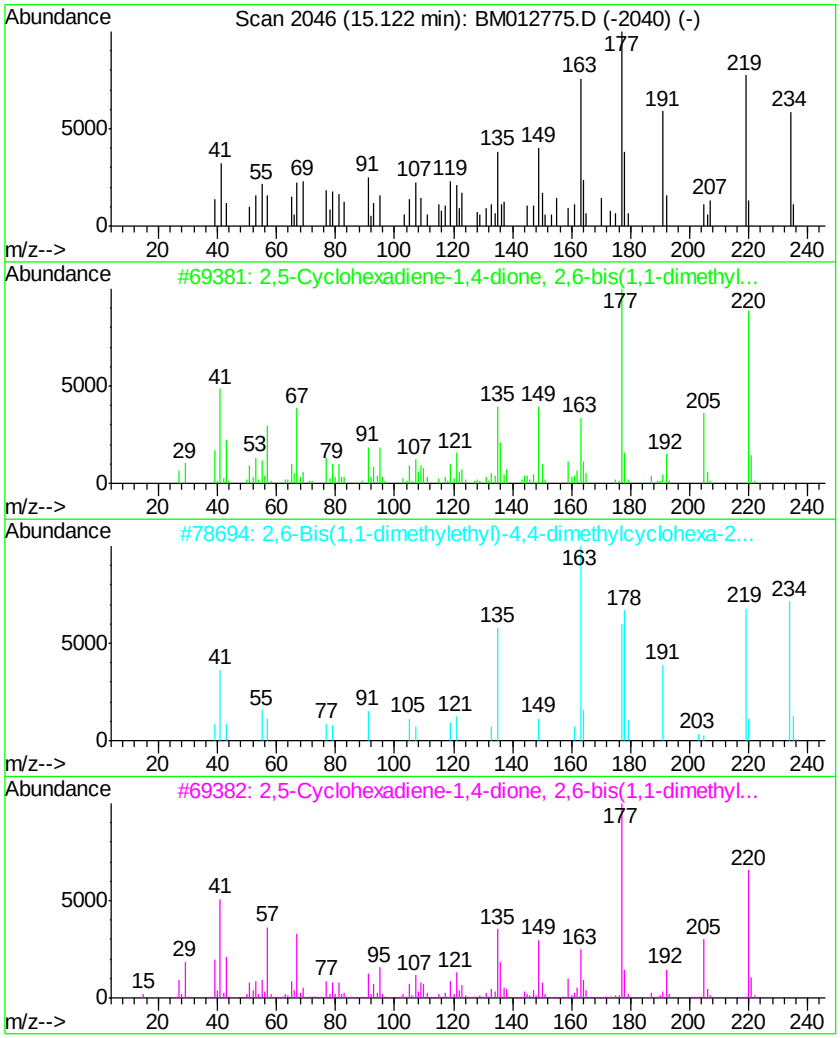
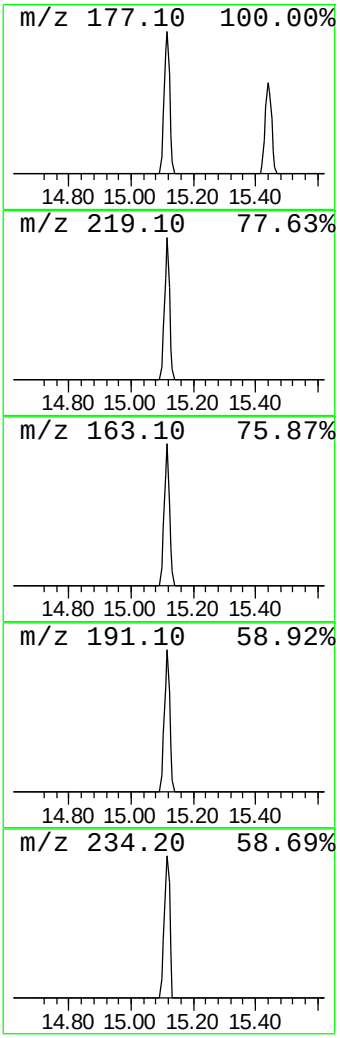
Peak Number 6 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.03 ng/ul	116836	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	52
2	2,6-Bis(1,1-dimethylethyl)-4,4-d...	234	C16H26O	020158-60-5	52
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	46
4	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	46
5	3-Isopropylamino-6-methyl-6,7-di...	234	C13H18N2O2	145220-69-5	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

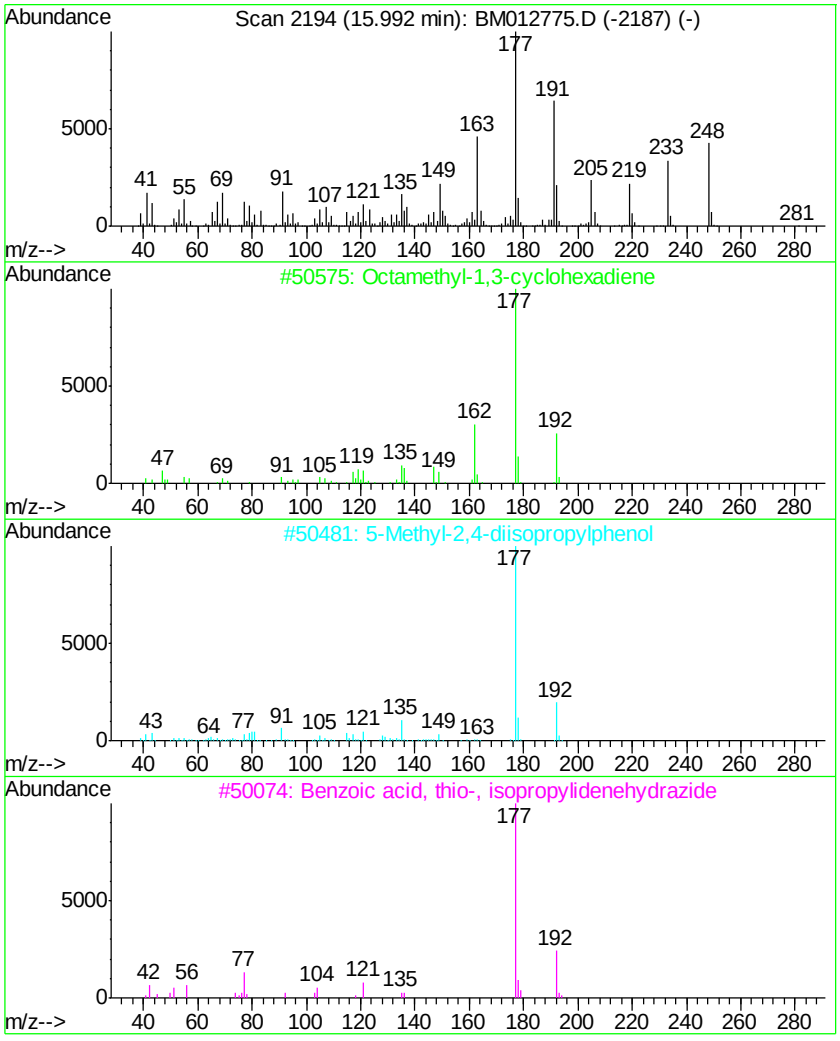
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

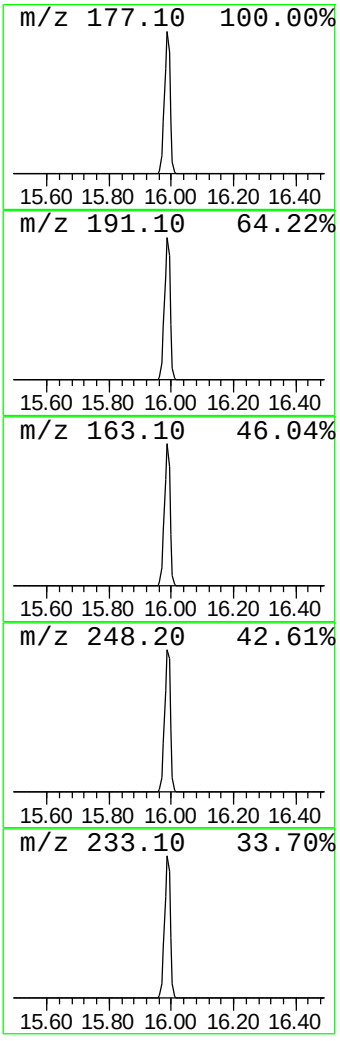
****

Peak Number 7 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	103.30 ng/ul	7280810	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octamethyl-1,3-cyclohexadiene	192	C14H24	1000110-41-8	38
2	5-Methyl-2,4-diisopropylphenol	192	C13H20O	040625-96-5	35
3	Benzoic acid, thio-, isopropylid...	192	C10H12N2S	020185-02-8	35
4	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	27
5	3-tert-Butyl-5-trifluoromethyl-1...	192	C8H11F3N2	150433-22-0	27





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

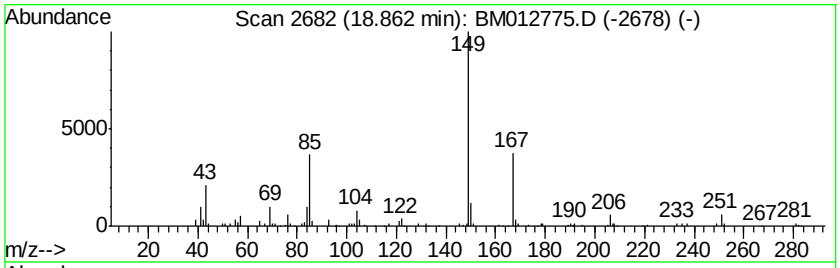
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

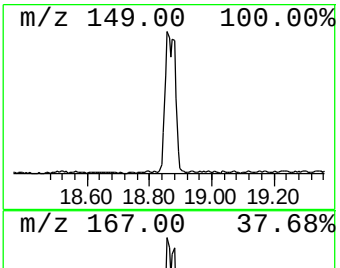
****

Peak Number 8 1,2-Benzenedicarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.16 ng/ul	152437	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	50
2	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	43
3	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	40
4	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	38
5	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

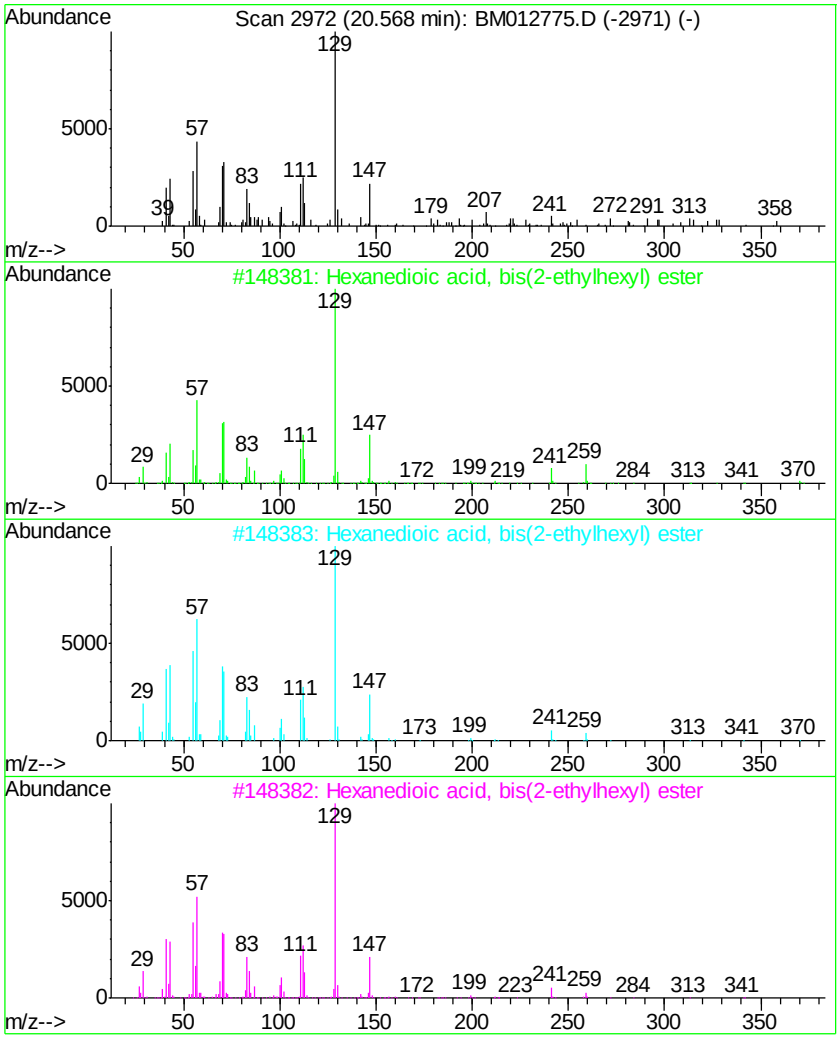
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

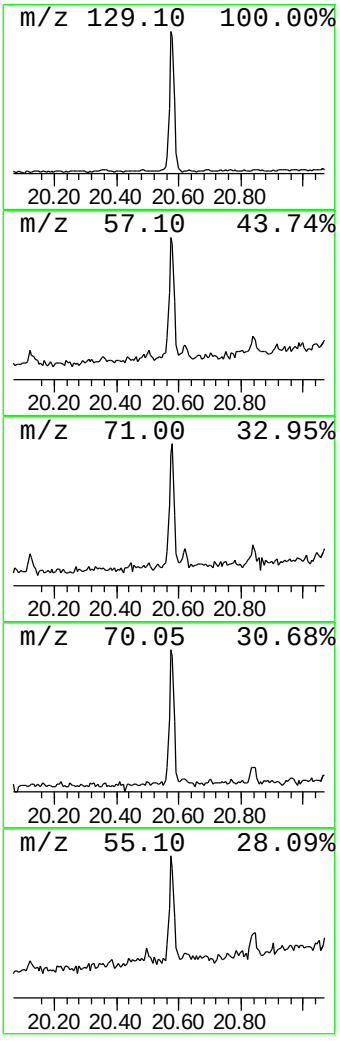
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexanedioic acid, bis(2-eth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.46 ng/ul	166410	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	70
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	62
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

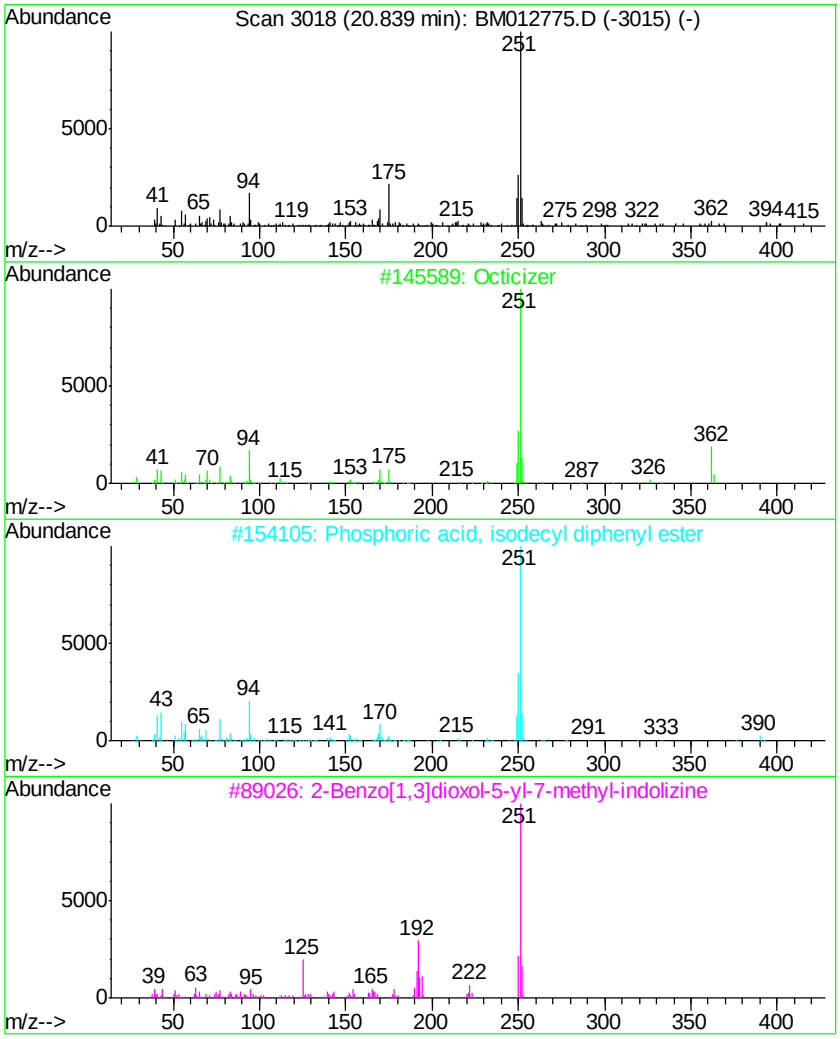
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

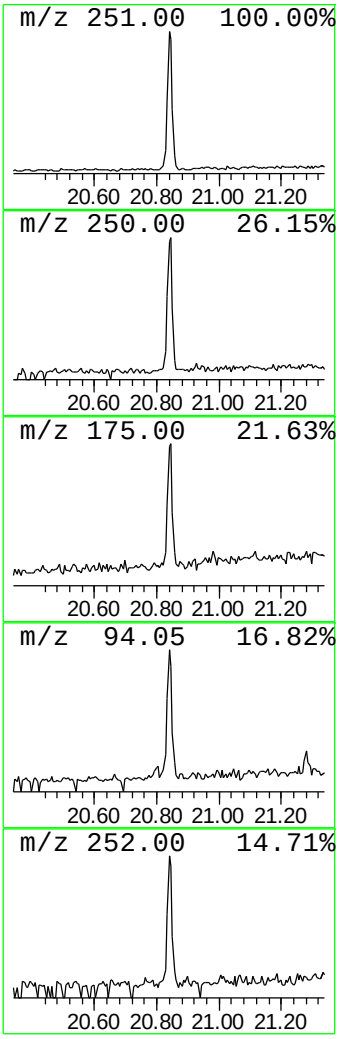
****

Peak Number 10 Octicizer Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.08 ng/ul	140699	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	93
2	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	45
3	2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	42
4	Propenone, 1-(4-cyclohexylphenyl...	334	C22H22O3	346613-03-4	40
5	p-Cyanophenyl 4'-pentyl-4-biphen...	369	C25H23NO2	059662-53-2	37





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Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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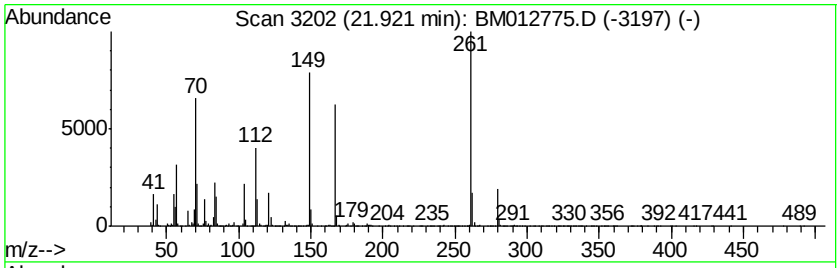
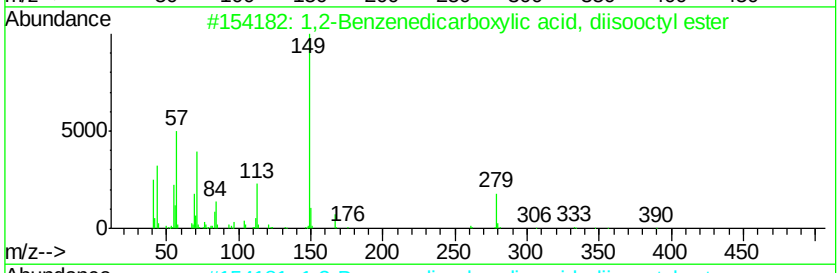
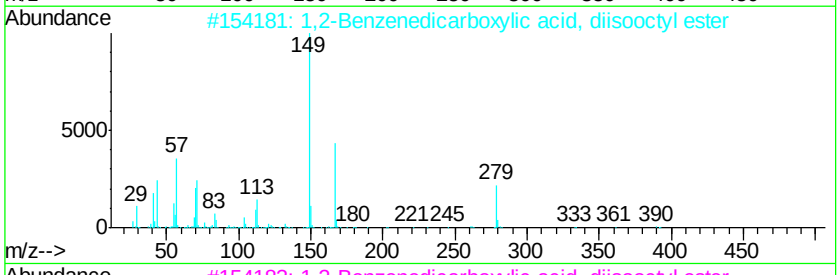
Peak Number 11 unknown-02 Concentration Rank 2

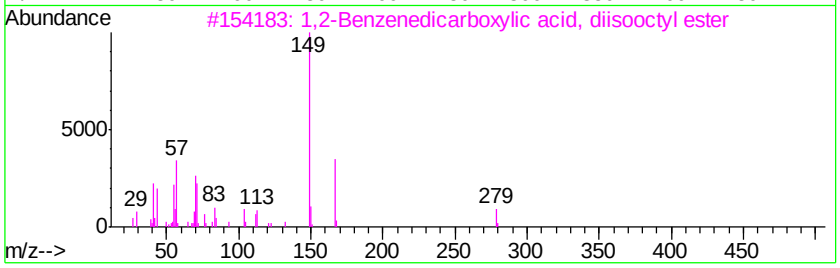
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	35.16 ng/ul	2376670	Chrysene-d12	21.37

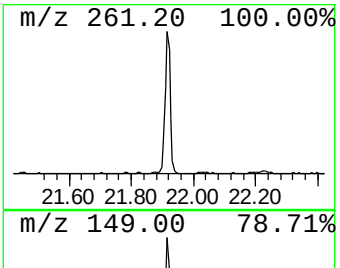
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	35
2	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	30
3	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	27
4	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	25
5	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	16

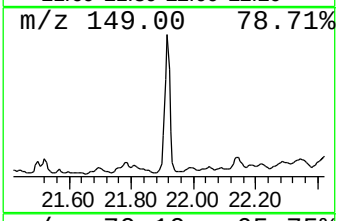


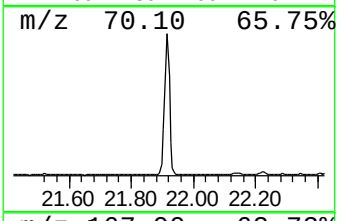


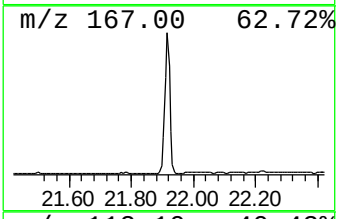


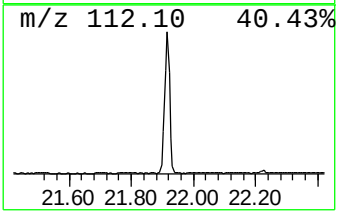












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012775.D
Acq On : 06 Nov 2017 13:47
Operator : SJ/JU
Sample : I5825-05DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-61(0-1)-101117DL

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA 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
(DEL) Alkane: Str...	7.43	6.8	ng/ul	178464	1	7.81	521462	20.0
(DEL) Alkane: Str...	9.03	4.9	ng/ul	128904	1	7.81	521462	20.0
2,5-Cyclohexadien...	15.12	2.0	ng/ul	116836	3	14.45	1150310	20.0
unknown-01	15.99	103.3	ng/ul	7280810	4	17.19	1409580	20.0
1,2-Benzenedicarb...	18.86	2.2	ng/ul	152437	4	17.19	1409580	20.0
Hexanedioic acid,...	20.57	2.5	ng/ul	166410	5	21.37	1351940	20.0
Octicizer	20.84	2.1	ng/ul	140699	5	21.37	1351940	20.0
unknown-02	21.92	35.2	ng/ul	2376670	5	21.37	1351940	20.0