LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

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-BM012317.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	6.422	647	652	658	rVB2	48224	72655	1.25%	0.368%
2	7.075	758	763	770	rVB3	40375	68903	1.19%	0.349%
3	7.286	791	799	805	rBV	47077	84675	1.46%	0.428%
4	7.351	805	810	818	rVB2	99990	150720	2.60%	0.762%
5	7.933	903	909	913	rBV	385409	618432	10.67%	3.128%
6	7.986	913	918	925	rVB	844841	1261830	21.76%	6.383%
7	8.363	976	982	994	rVB	178459	292732	5.05%	1.481%
8	8.469	996	1000	1006	rBV3	37213	63175	1.09%	0.320%
9	9.210	1114	1126	1132	rBV2	134526	272021	4.69%	1.376%
10	9.816	1225	1229	1233	rVB3	39078	60615	1.05%	0.307%
11	10.498	1337	1345	1350	rBV5	33811	65173	1.12%	0.330%
12	10.739	1378	1386	1390	rBV	461855	801793	13.83%	4.056%
13	10.792	1390	1395	1401	rVB	417224	707473	12.20%	3.579%
14	12.398	1658	1668	1674	rVB2	94951	152632	2.63%	0.772%
15	12.498	1680	1685	1691	rVB2	54183	90500	1.56%	0.458%
16	12.616	1699	1705	1711	rVB2	50671	85554	1.48%	0.433%
17	13.063	1776	1781	1789	rVB	297841	416305	7.18%	2.106%
18	13.257	1809	1814	1819	rBV3	61674	93060	1.61%	0.471%
19	13.568	1862	1867	1872	rBV2	108640	169125	2.92%	0.856%
20	14.445	2009	2016	2027	rBV	518664	868353	14.98%	4.393%
21	14.574	2029	2038	2043	rBV	711474	1064336	18.36%	5.384%
22	14.627	2043	2047	2052	rVB5	61720	97490	1.68%	0.493%
23	14.874	2079	2089	2096	rBV3	134391	317507	5.48%	1.606%
24	14.939	2096	2100	2101	rVV3	51304	66343	1.14%	0.336%
25	14.962	2101	2104	2110	rVB4	58679	101468	1.75%	0.513%
26	15.045	2110	2118	2126	rVB8	53338	117224	2.02%	0.593%
27	15.192	2138	2143	2150	rVB3	83731	139078	2.40%	0.704%
28	15.592	2203	2211	2219	rBV9	71246	171365	2.96%	0.867%
29	15.680	2219	2226	2237	rBV	4255027	5798073	100.00%	29.329%
30	16.956	2436	2443	2450	rVB	469277	677034	11.68%	3.425%
31	17.239	2484	2491	2496	rBV2	193545	258799	4.46%	1.309%
32	17.315	2498	2504	2509	rBV	939493	1370101	23.63%	6.931%
33	17.392	2514	2517	2522	rVV4	87647	149091	2.57%	0.754%
34	17.439	2522	2525	2531	rVV3	63550	90232	1.56%	0.456%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

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-BM012317.M
Title : SVOA CALIBRATION

35	17.503	2531	2536	2544	rVB3	56039	83424	1.44%	0.422%
36	17.574	2544	2548	2555	rBV3	44692	62555	1.08%	0.316%
37	17.721	2568	2573	2580	rVB	94047	132797	2.29%	0.672%
38	21.485	3208	3213	3218	rBV	1166884	1517697	26.18%	7.677%
39	23.844	3608	3614	3622	rVB	586817	1158527	19.98%	5.860%

Sum of corrected areas: 19768867

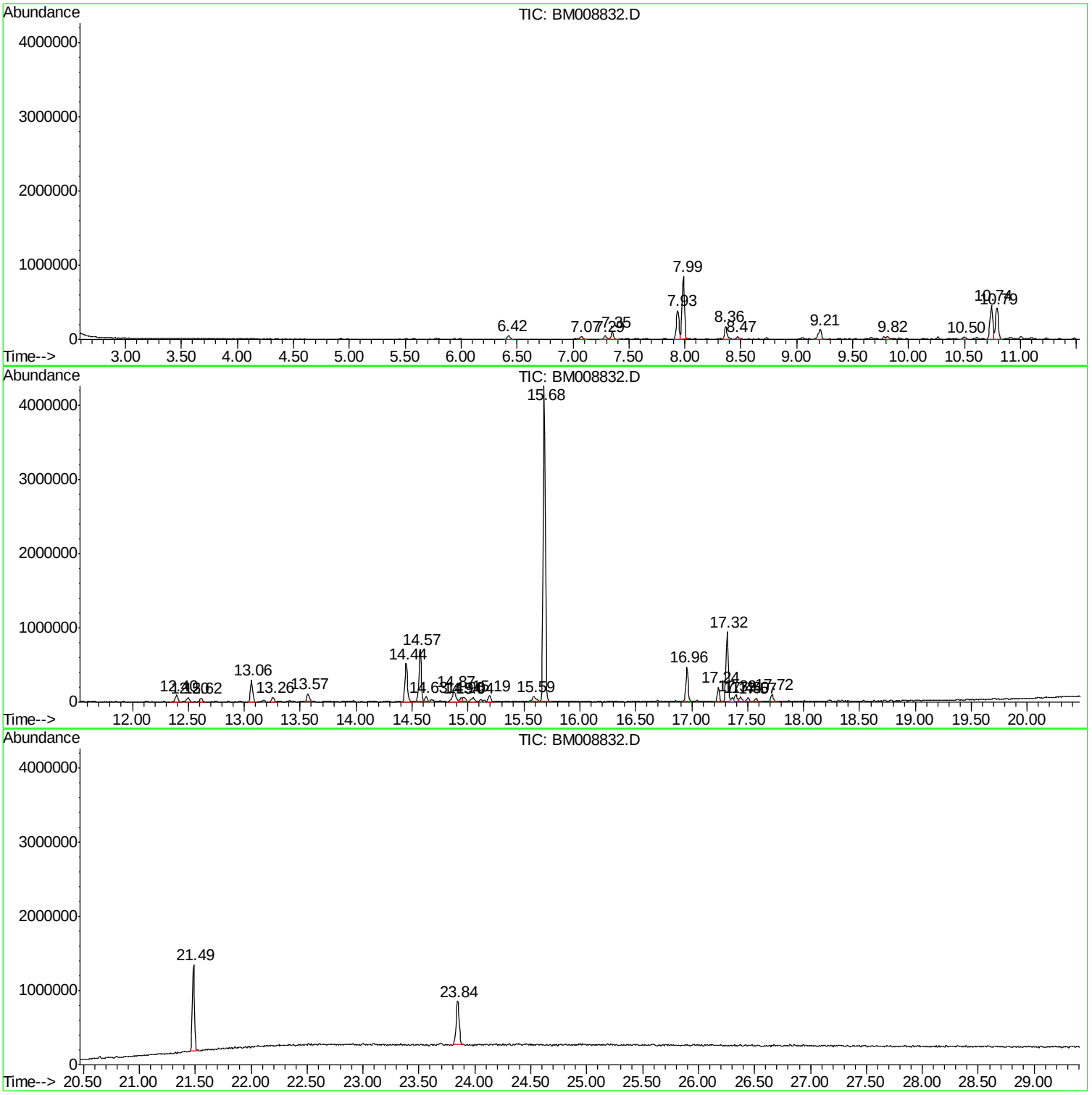
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

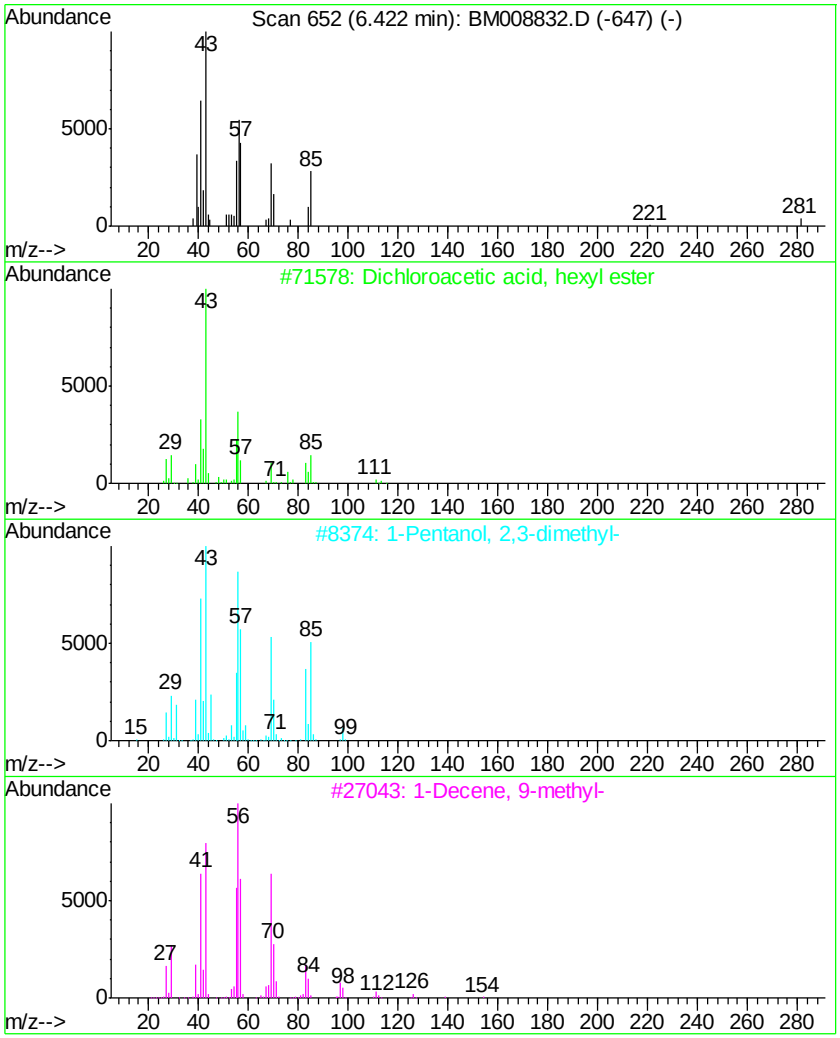
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

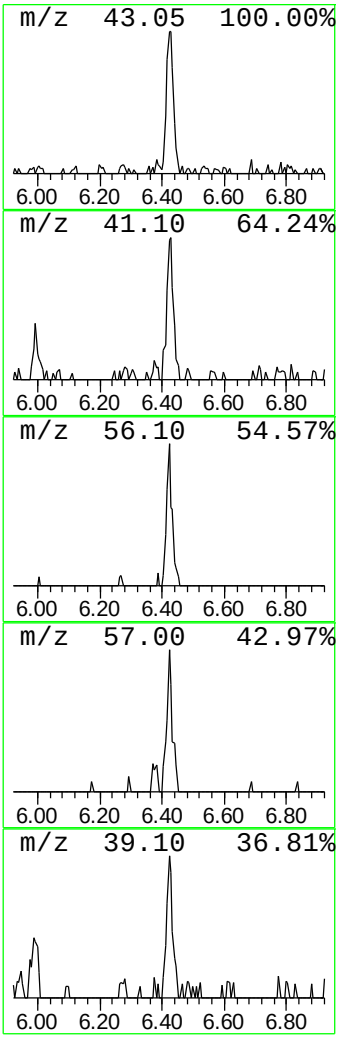
****

Peak Number 1 Dichloroacetic acid, hexyl ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	2.35 ng/ul	72655	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, hexyl ester	212	C8H14Cl2O2	037079-04-2	72
2	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	56
3	1-Decene, 9-methyl-	154	C11H22	061142-78-7	50
4	Octane	114	C8H18	000111-65-9	50
5	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

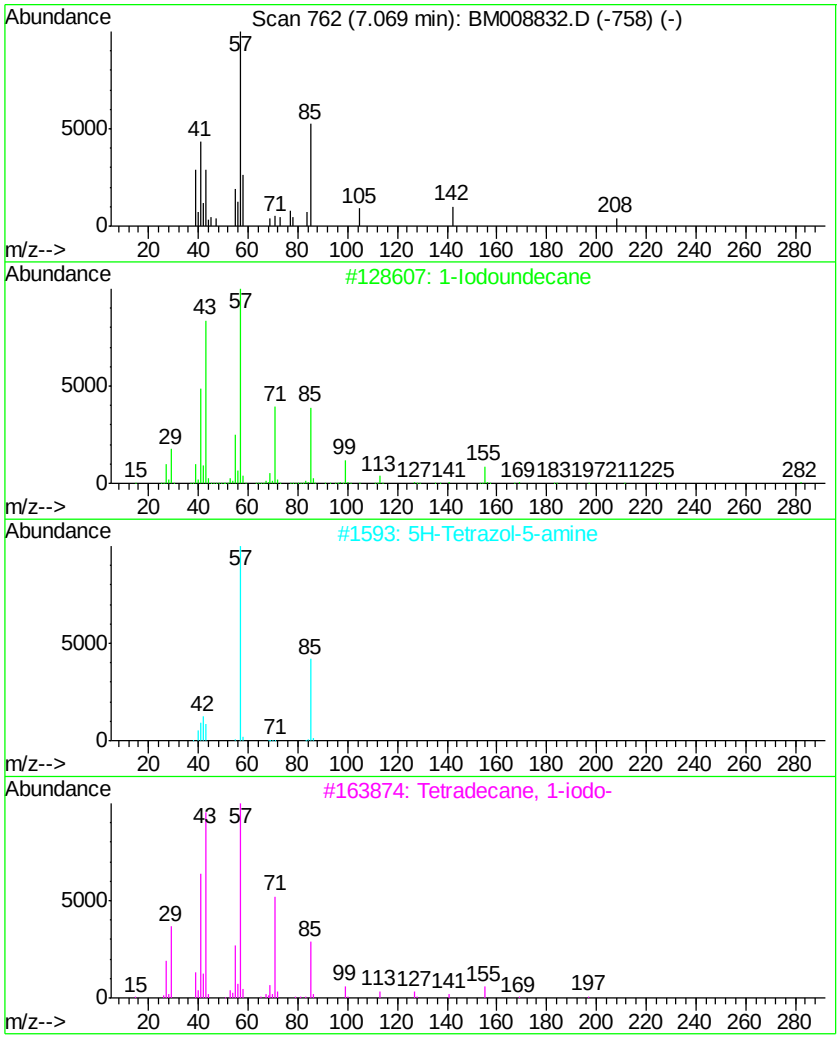
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

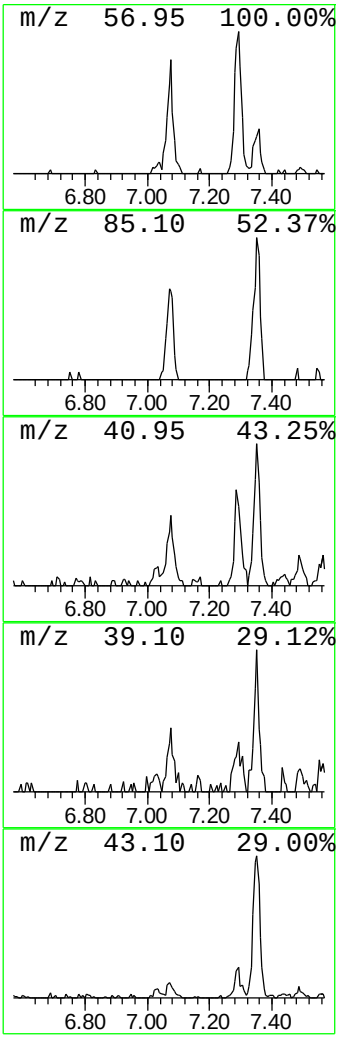
****

Peak Number 2 1-Iodoundecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	2.23 ng/ul	68903	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	50
2	5H-Tetrazol-5-amine	85	CH3N5	1000273-02-0	43
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	40
4	2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	38
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	33





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

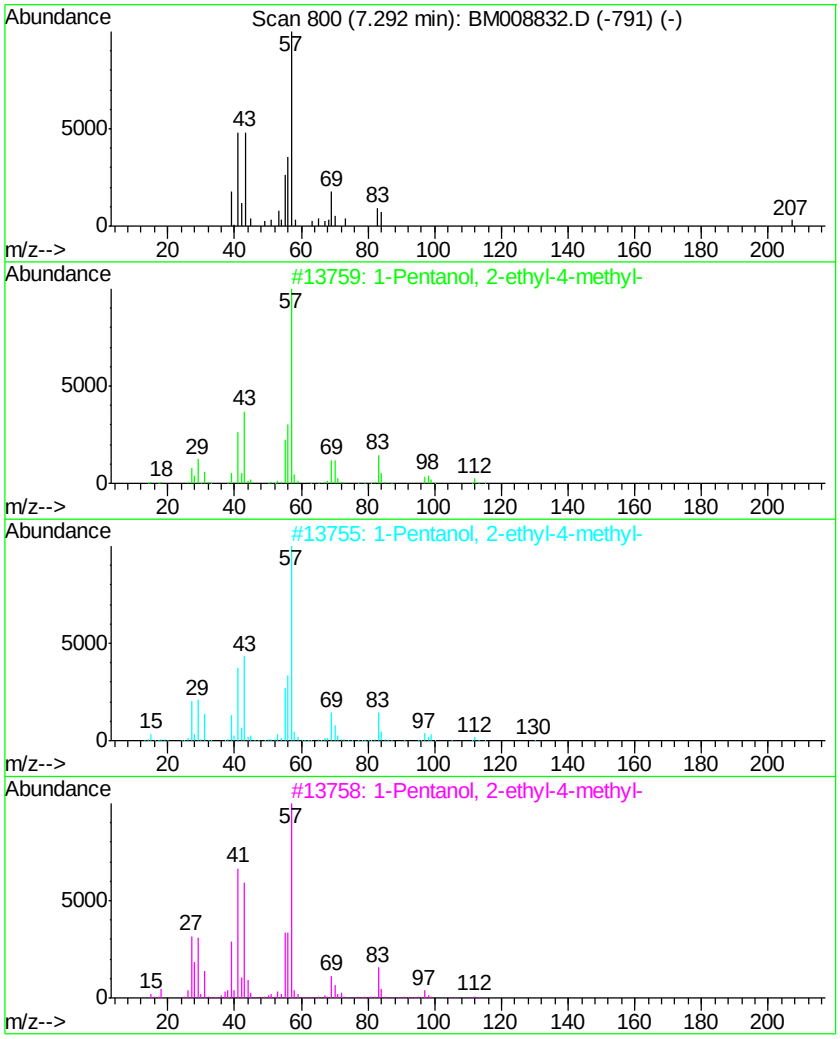
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

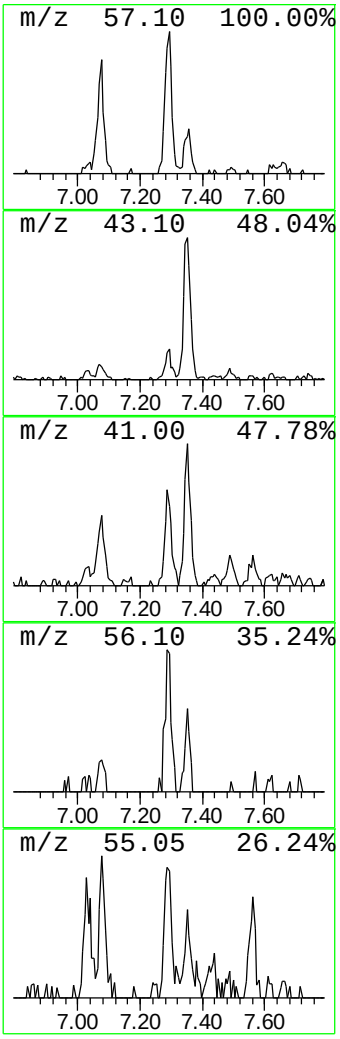
****

Peak Number 3 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	2.74 ng/ul	84675	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
4	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	43
5	(Z)-2-Heptene	98	C7H14	006443-92-1	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

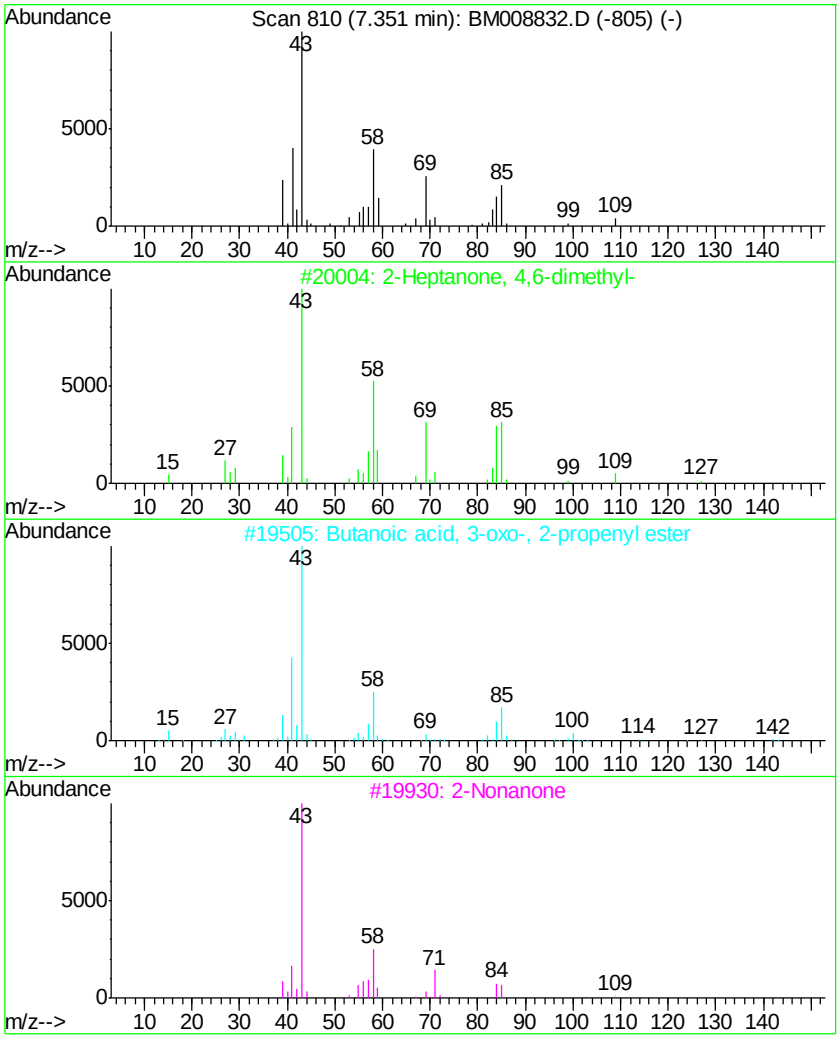
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

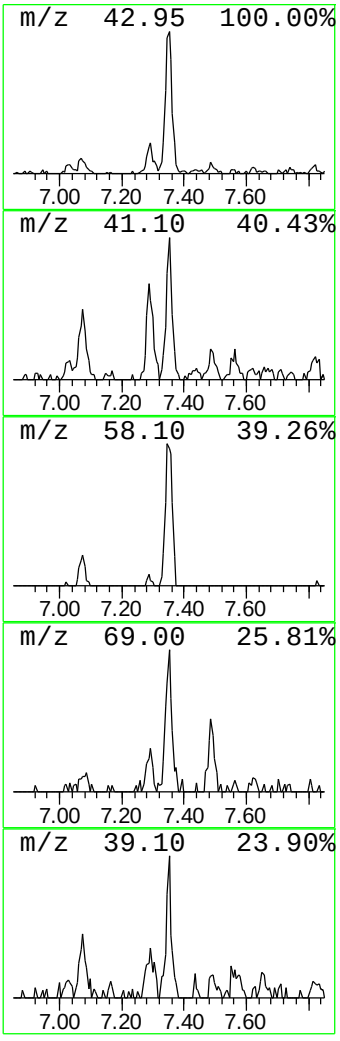
****

Peak Number 4 2-Heptanone, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	4.87 ng/ul	150720	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	64
2	Butanoic acid, 3-oxo-, 2-propeny...	142	C7H10O3	001118-84-9	64
3	2-Nonanone	142	C9H18O	000821-55-6	59
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
5	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	36





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

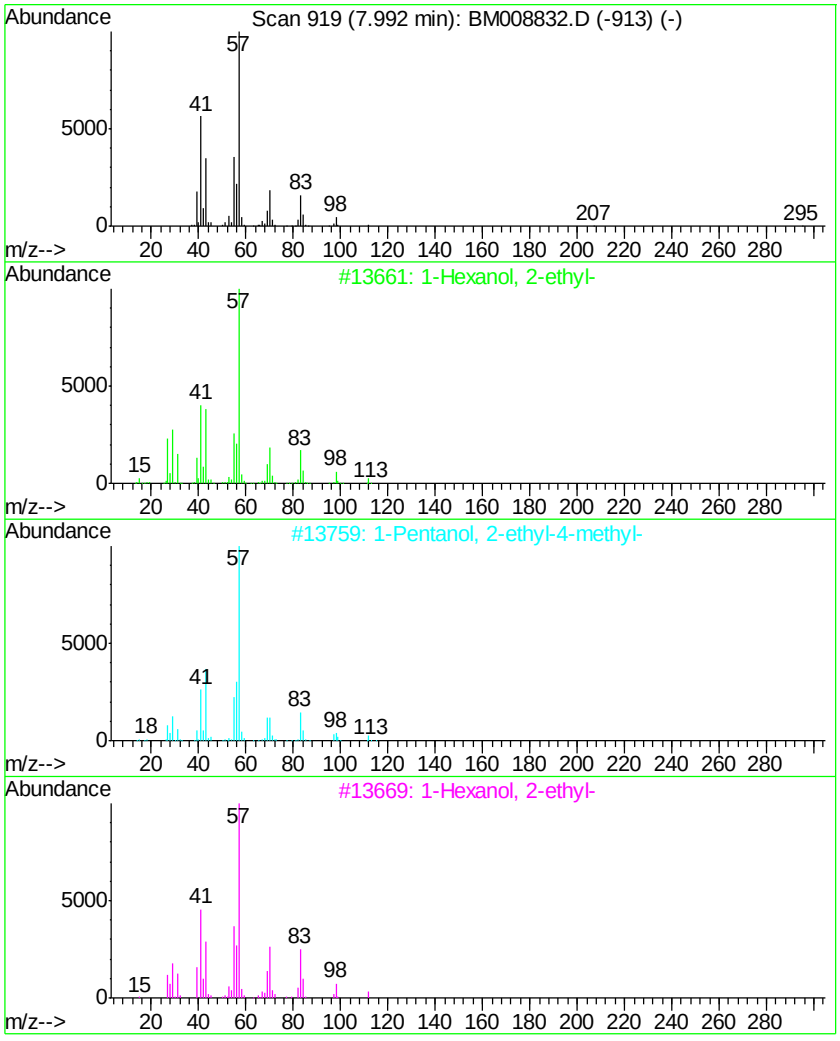
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

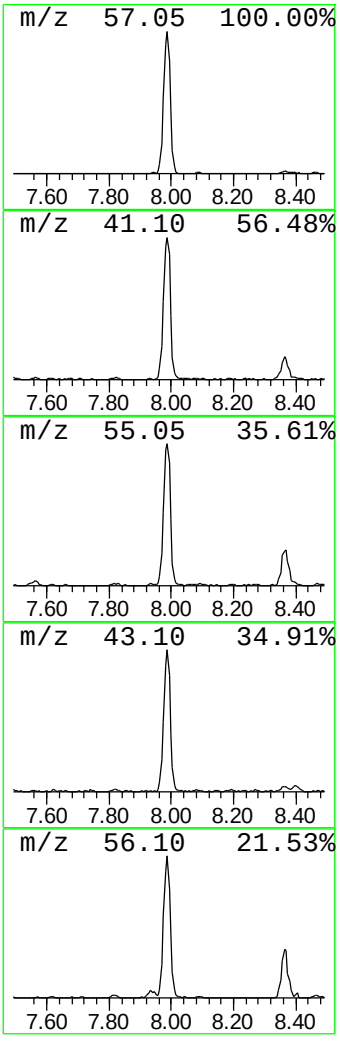
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	40.81 ng/ul	1261830	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

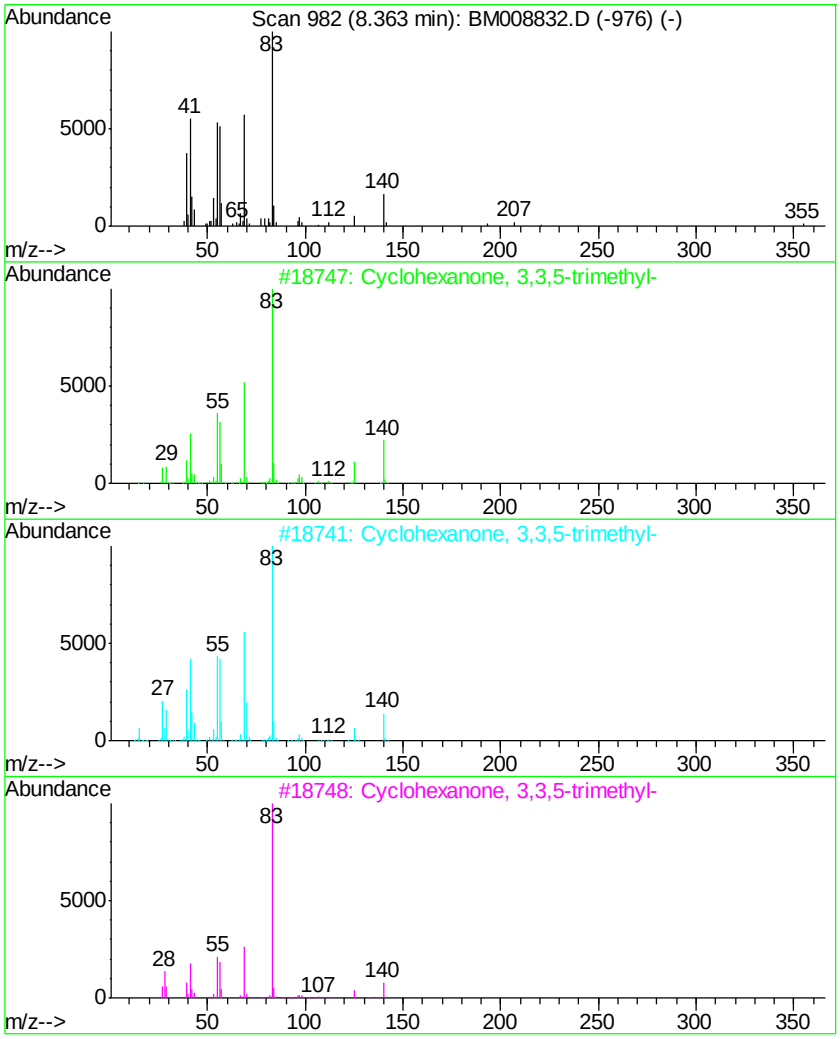
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

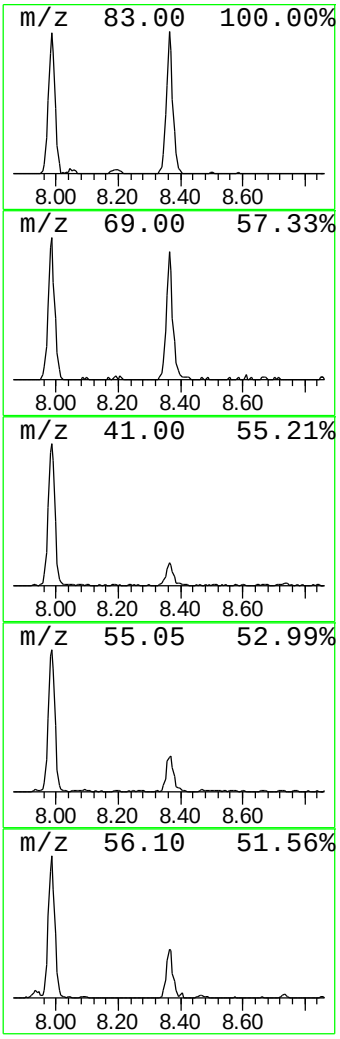
****

Peak Number 6 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	9.47 ng/ul	292732	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	62
5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

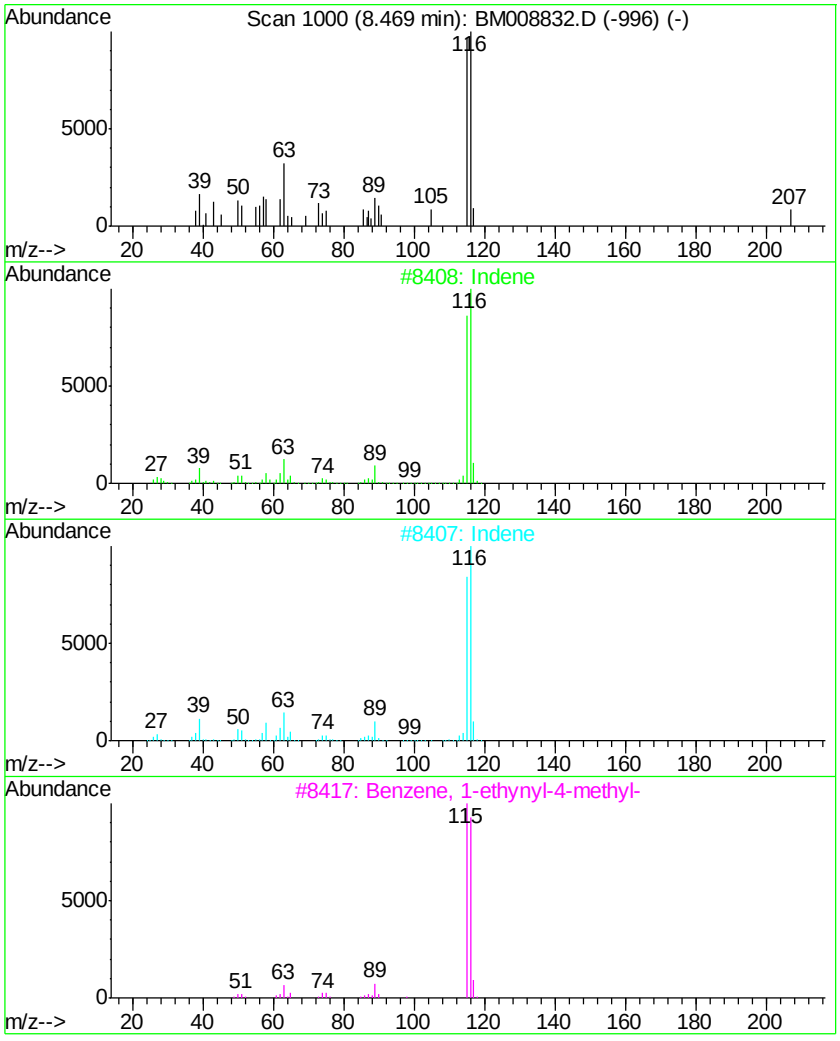
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

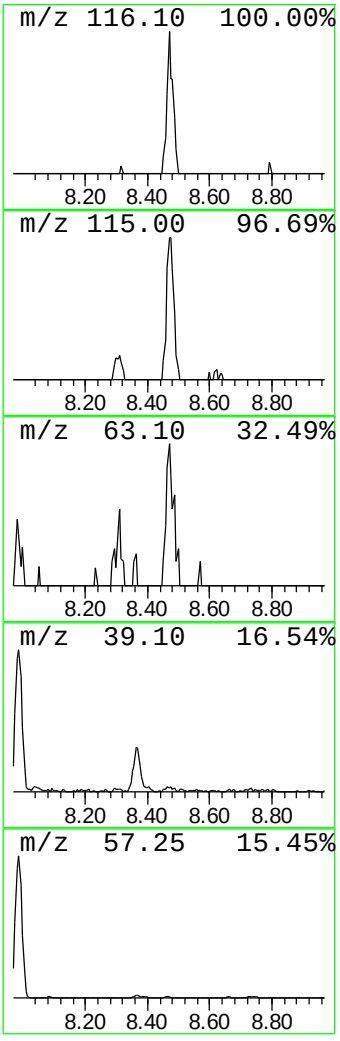
****

Peak Number 7 Indene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	2.04 ng/ul	63175	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	87
2	Indene	116	C9H8	000095-13-6	87
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	87
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

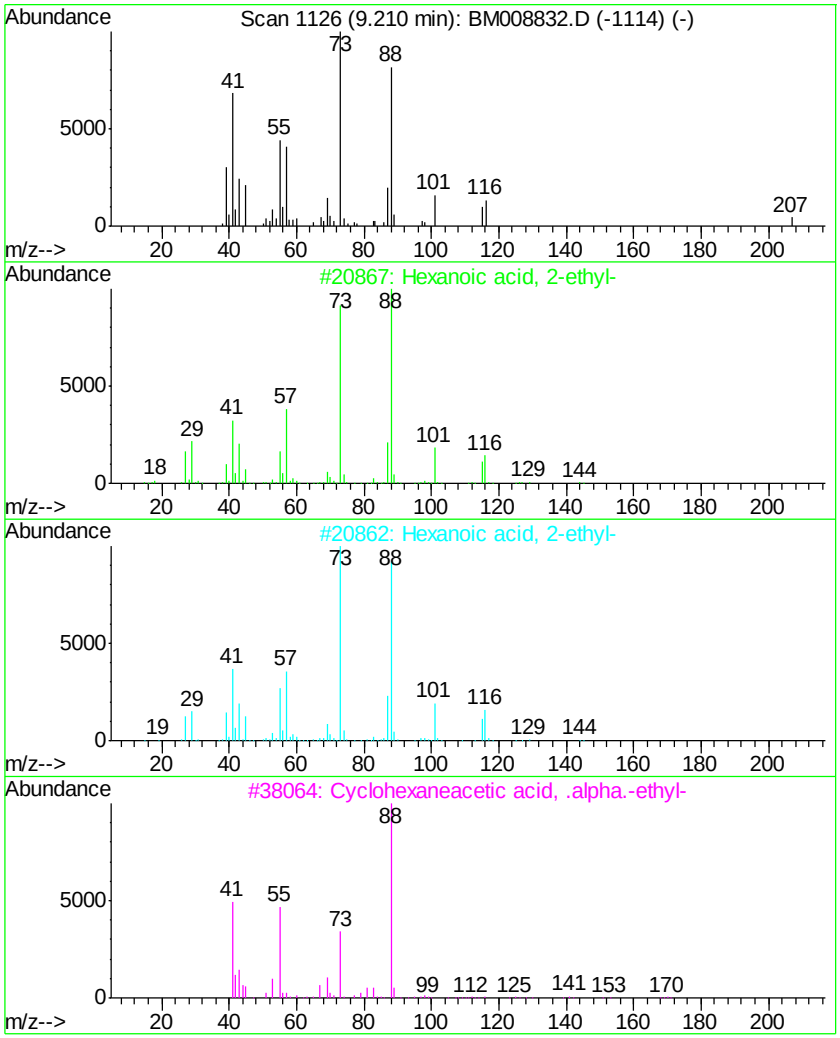
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

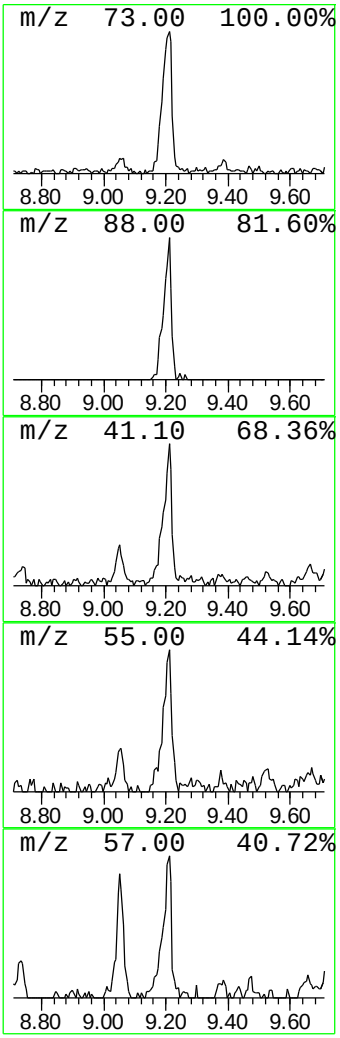
****

Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	8.80 ng/ul	272021	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
3	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	47
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	47
5	3-Aza-2-oxabicyclo[2.2.2]oct-5-e...	267	C10H12F3NO4	102698-35-1	42





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

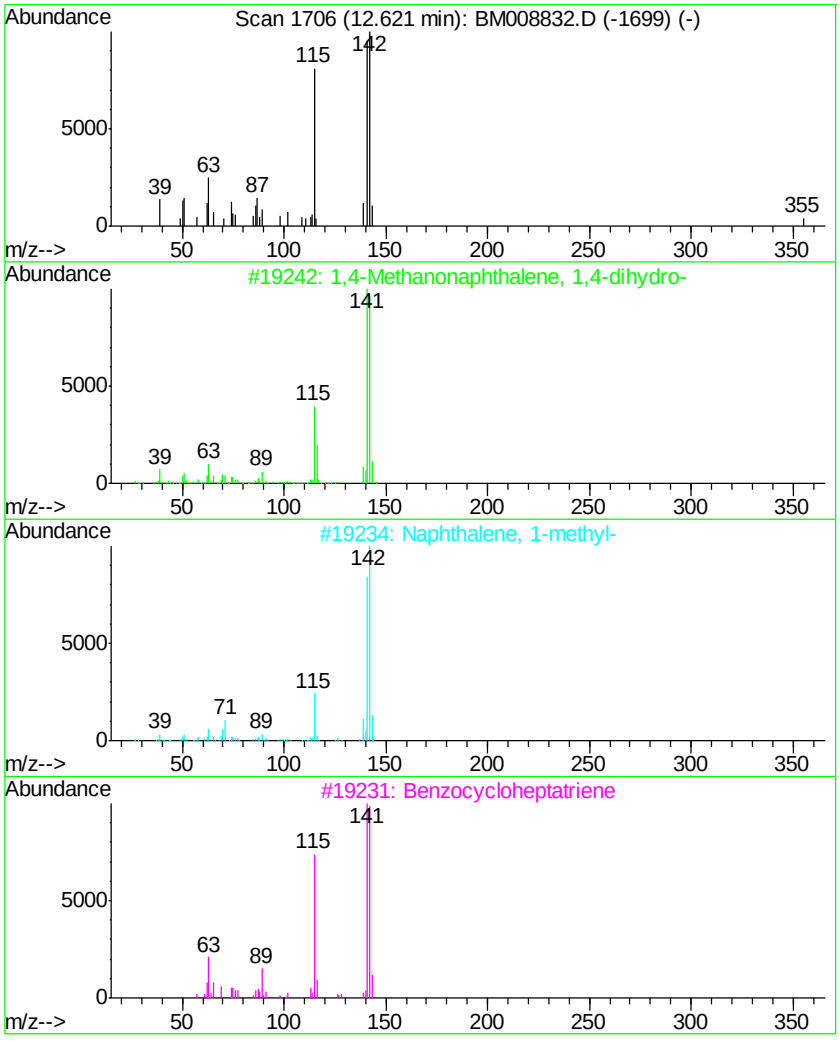
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

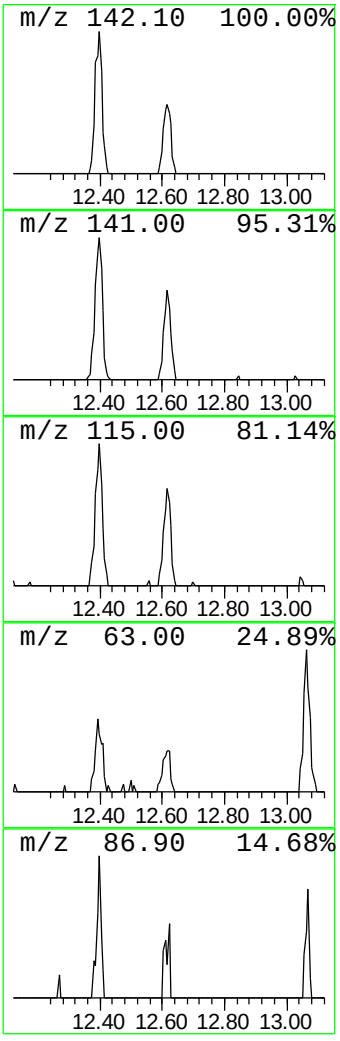
****

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.13 ng/ul	85554	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

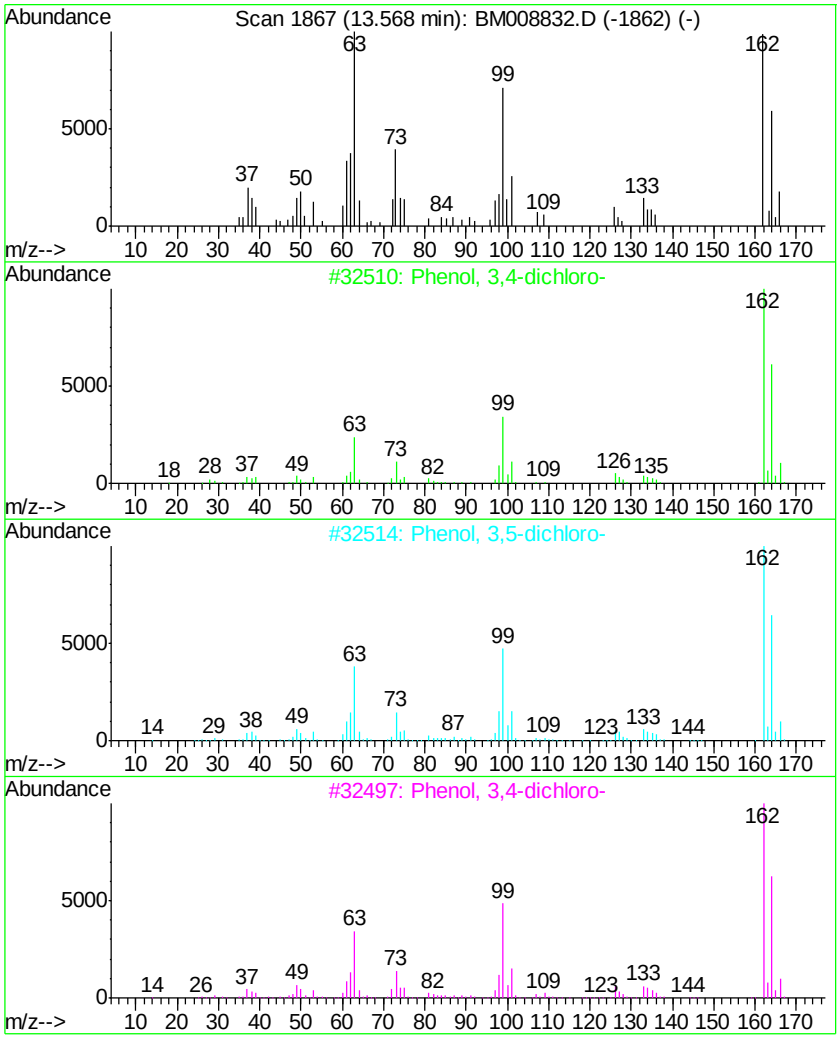
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

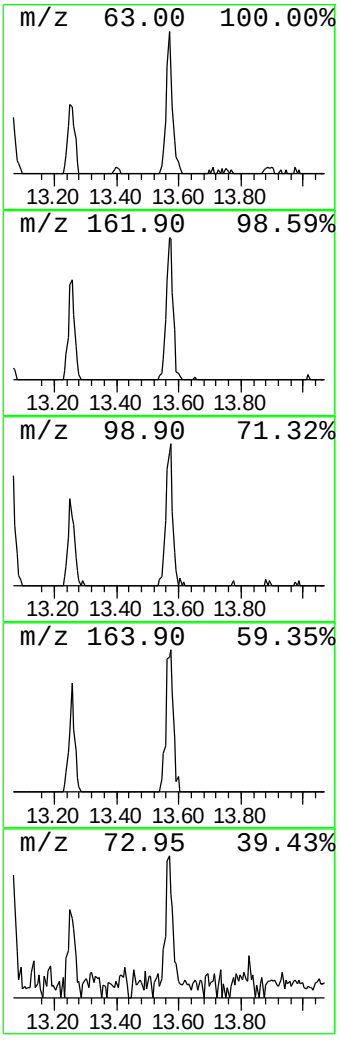
****

Peak Number 11 Phenol, 3,4-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	3.18 ng/ul	169125	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	90
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90





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Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

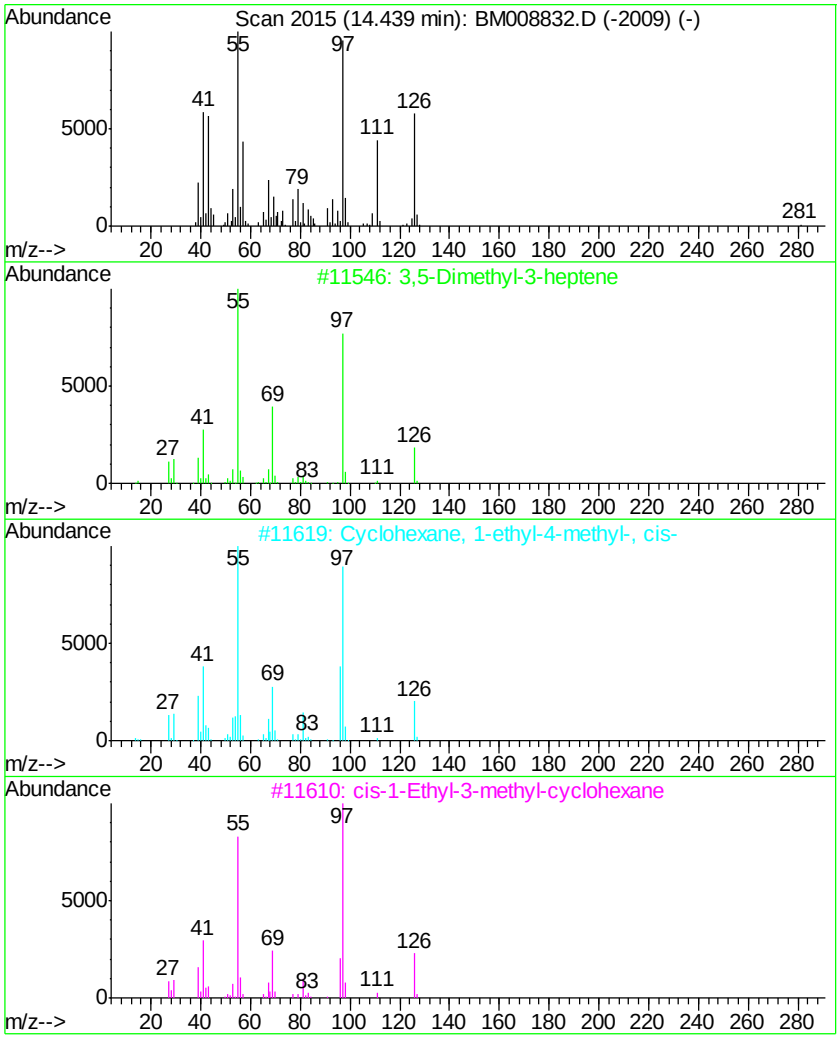
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

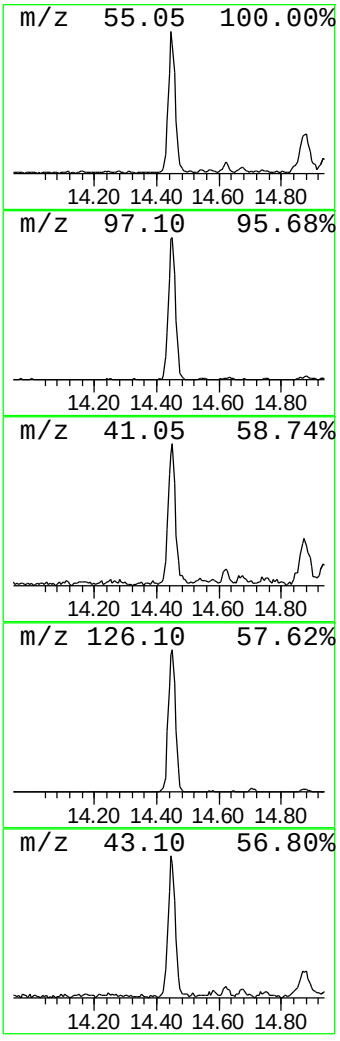
****

Peak Number 12 (DEL) Alkane: Cyclic14.44 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	16.32 ng/ul	868353	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53





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Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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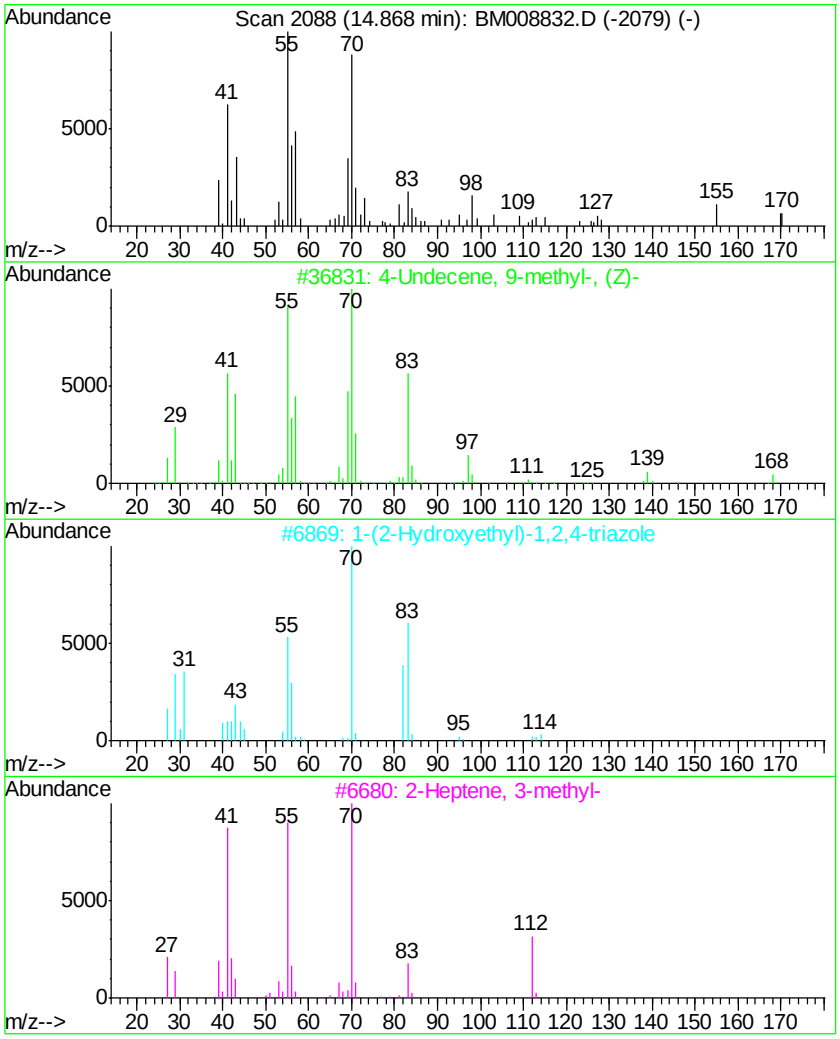
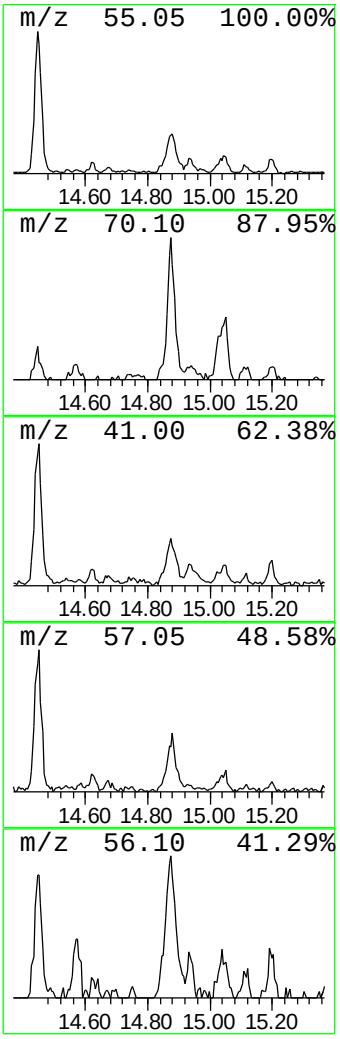
Peak Number 13 (DEL) Alkane: Cyclic14.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	5.97 ng/ul	317507	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-56-1	59
2	1-(2-Hydroxyethyl)-1,2,4-triazole	113	C4H7N3O	003273-14-1	47
3	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	38
4	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	38
5	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	35





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Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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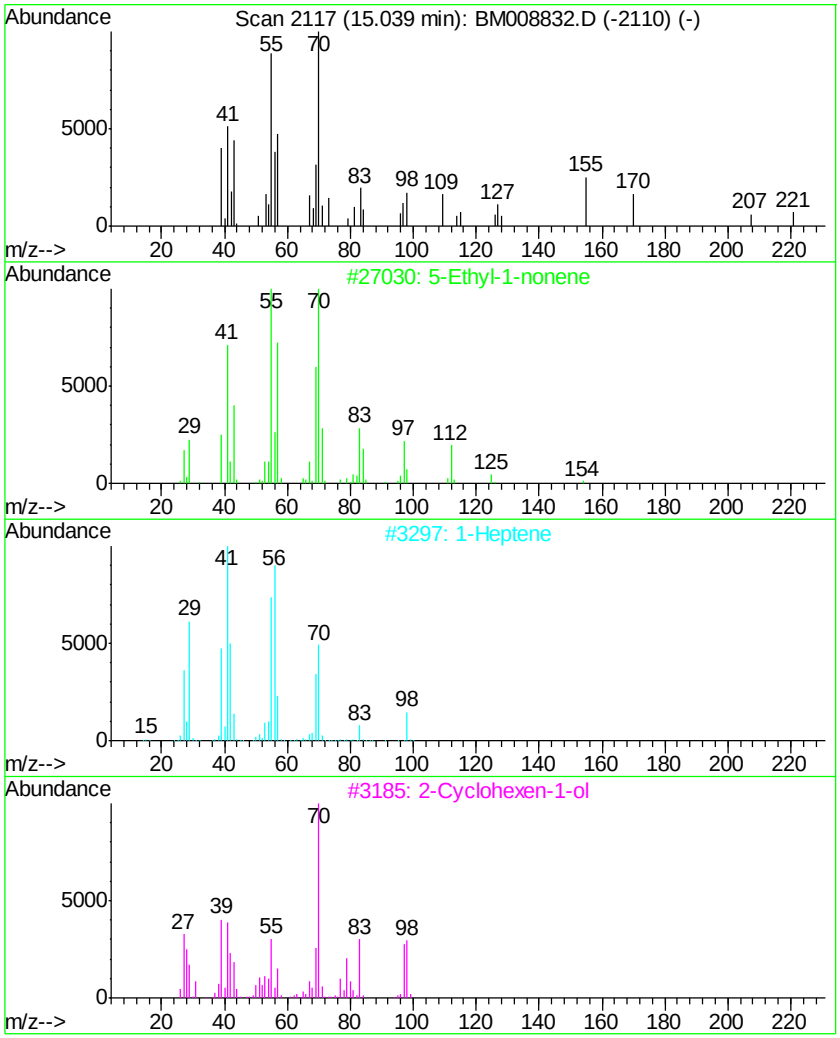
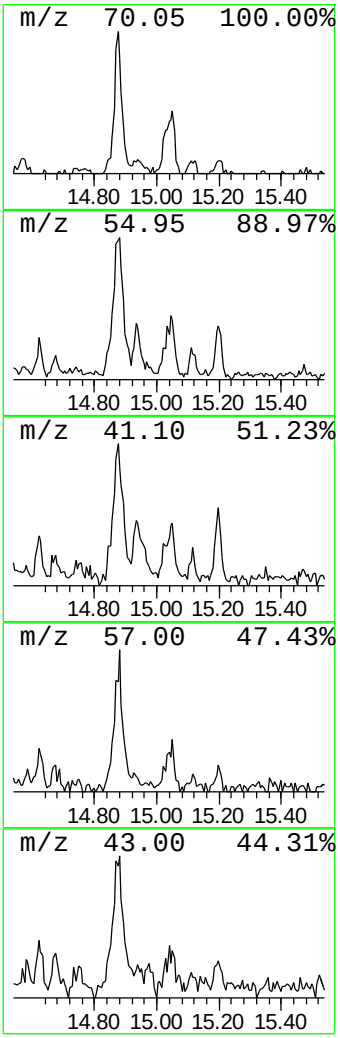
Peak Number 14 (DEL) Alkane: Cyclic15.04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.20 ng/ul	117224	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-1-nonene	154	C11H22	019780-74-6	50
2	1-Heptene	98	C7H14	000592-76-7	43
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	43
4	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	35
5	2-Butenal	70	C4H6O	004170-30-3	30





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Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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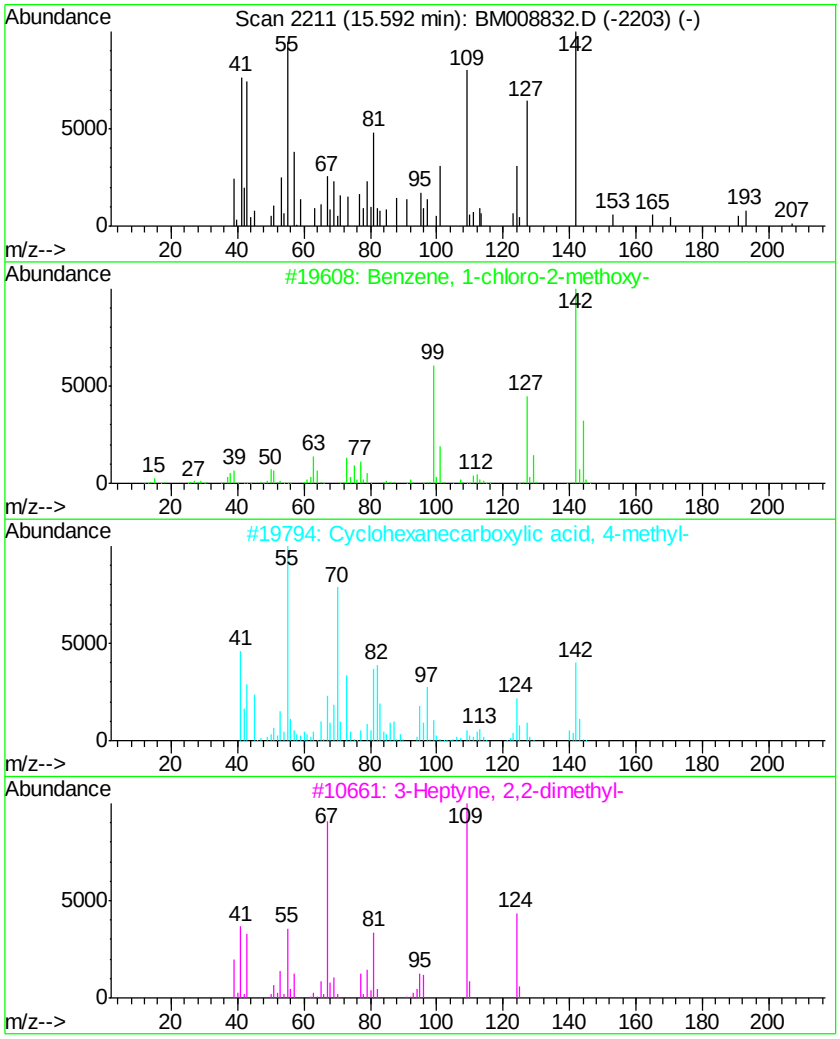
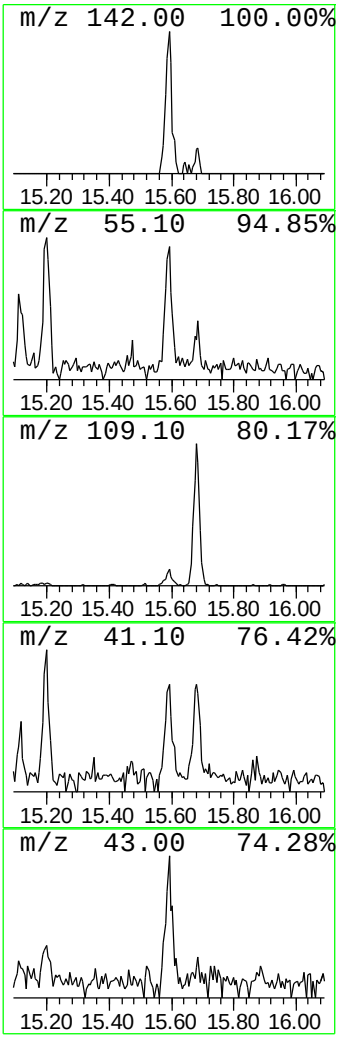
Peak Number 15 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.22 ng/ul	171365	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methoxy-	142	C7H7ClO	000766-51-8	43
2	Cyclohexanecarboxylic acid, 4-me...	142	C8H14O2	004331-54-8	35
3	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	30
4	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	30
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	30





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Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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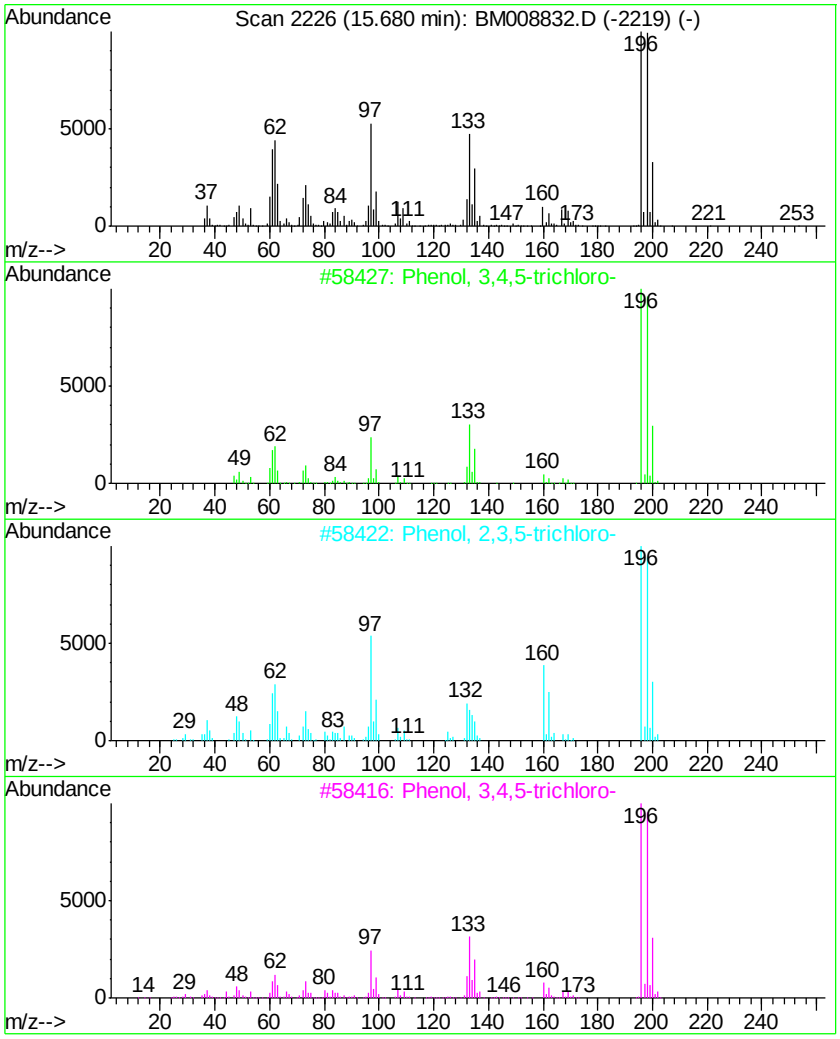
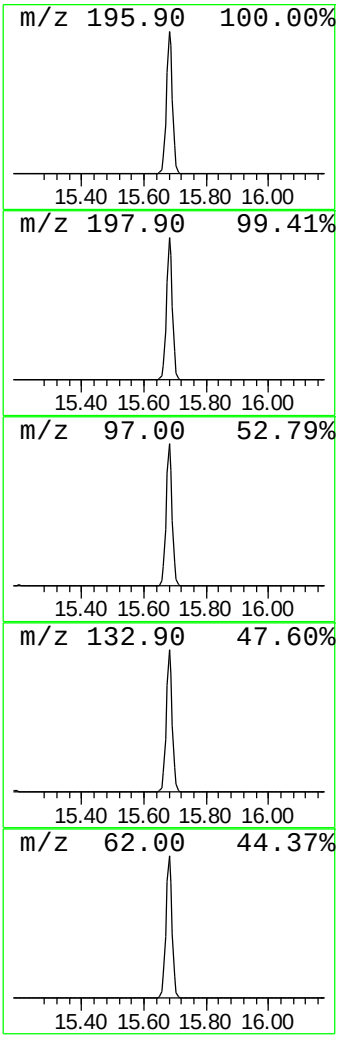
Peak Number 16 Phenol, 3,4,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	108.95 ng/ul	5798070	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	94
2	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	91
3	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	90
4	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	78
5	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	78





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Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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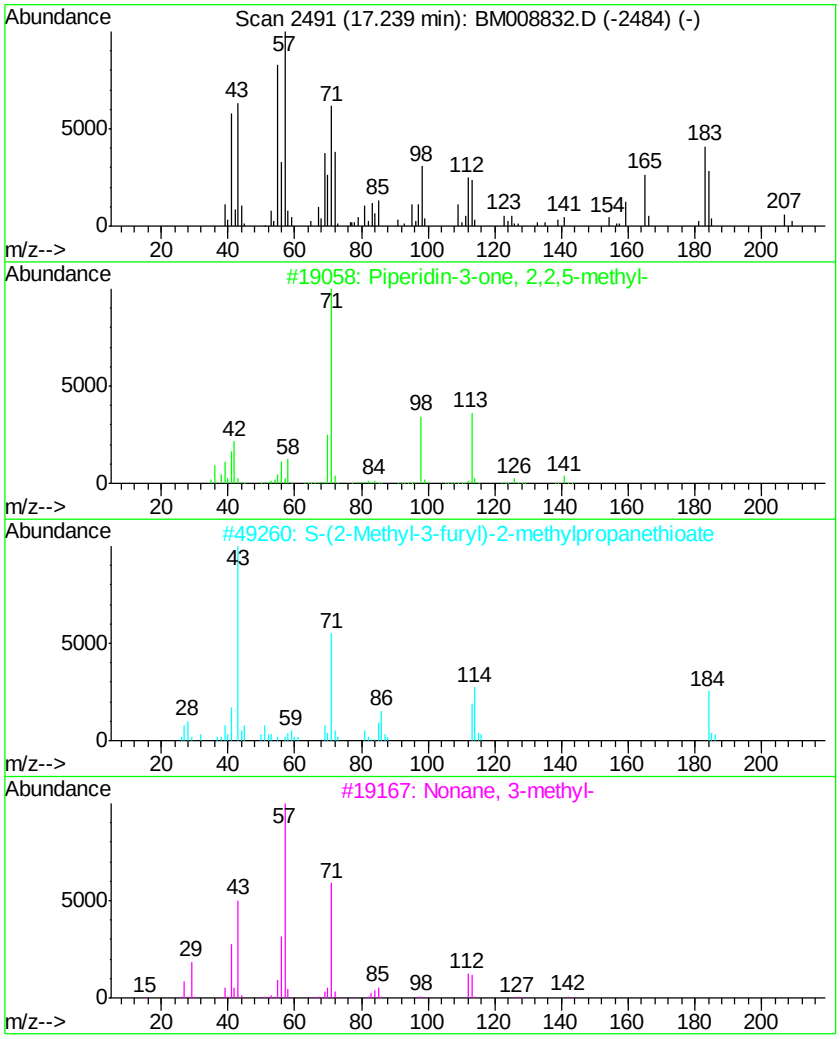
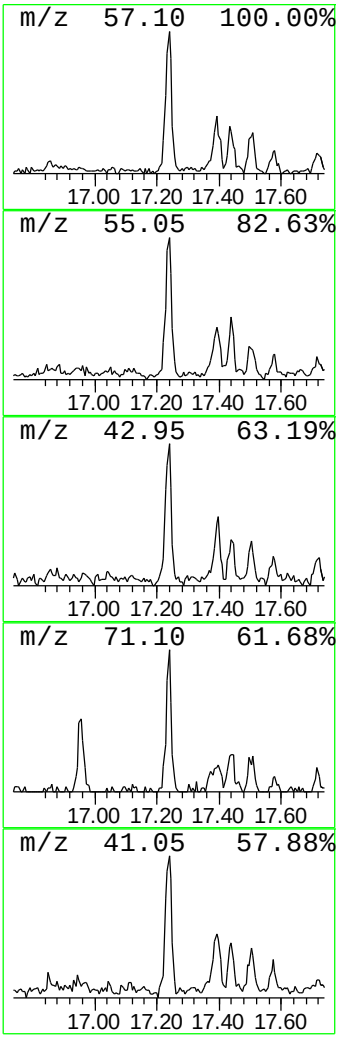
Peak Number 17 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	3.78 ng/ul	258799	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidin-3-one, 2,2,5-methyl-	141	C8H15NO	103634-57-7	25
2	S-(2-Methyl-3-furyl)-2-methylpro...	184	C9H12O2S	1000360-32-7	22
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	22
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	22
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	14





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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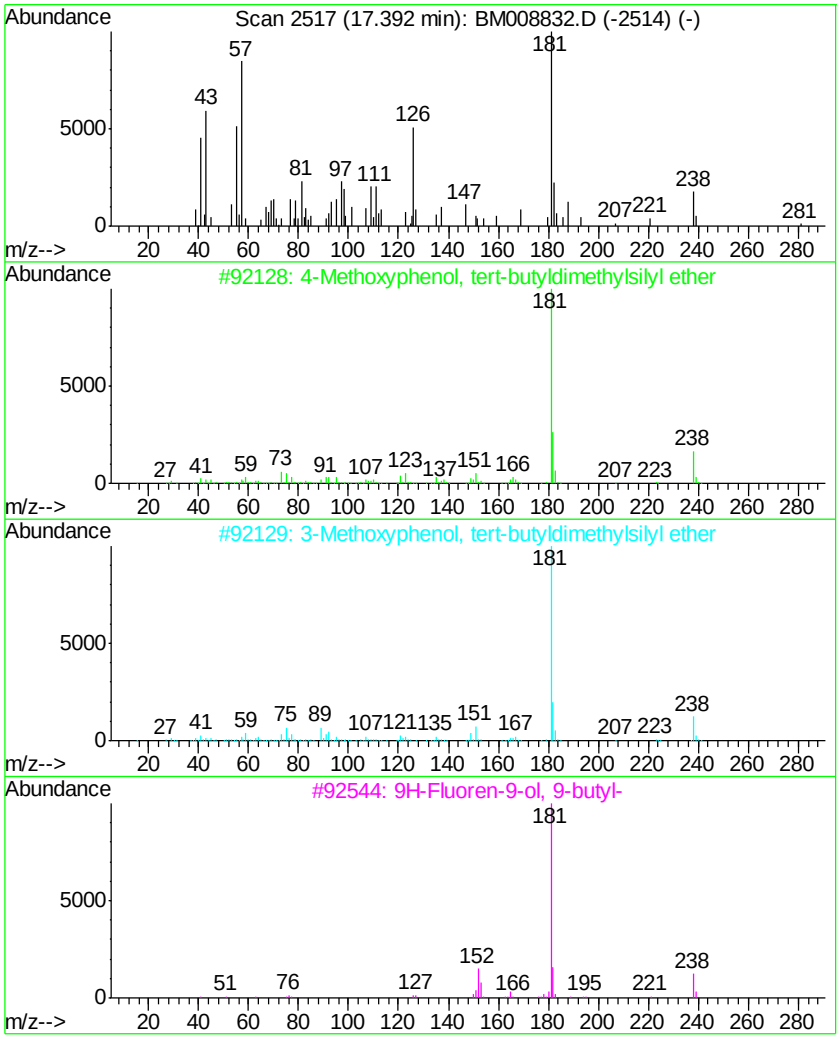
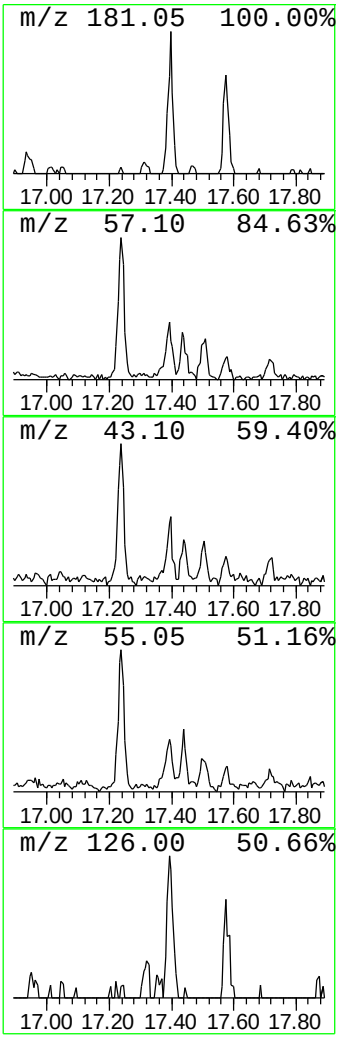
Peak Number 18 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	2.18 ng/ul	149091	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxyphenol, tert-butyldimet...	238	C13H22O2Si	1000352-89-6	43
2	3-Methoxyphenol, tert-butyldimet...	238	C13H22O2Si	1000352-91-8	43
3	9H-Fluoren-9-ol, 9-butyl-	238	C17H18O	005806-10-0	38
4	Orcinol, tert-butyldimethylsilyl...	238	C13H22O2Si	1000352-83-2	35
5	3-Methylbenzenethiol, S-(tert-bu...	238	C13H22SSi	1000353-00-5	32





Tentatively Identified Compound (LSC) summary

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Data File : BM008832.D
Acq On : 24 Jan 2017 09:32
Operator : UM/SJ
Sample : I1323-22DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.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
Dichloroacetic ac...	6.42	2.4	ng/ul	72655	1	7.93	618432	20.0
1-Iodoundecane	7.07	2.2	ng/ul	68903	1	7.93	618432	20.0
1-Pentanol, 2-eth...	7.29	2.7	ng/ul	84675	1	7.93	618432	20.0
2-Heptanone, 4,6-...	7.35	4.9	ng/ul	150720	1	7.93	618432	20.0
1-Hexanol, 2-ethyl-	7.99	40.8	ng/ul	1261830	1	7.93	618432	20.0
Cyclohexanone, 3,...	8.36	9.5	ng/ul	292732	1	7.93	618432	20.0
Indene	8.47	2.0	ng/ul	63175	1	7.93	618432	20.0
Hexanoic acid, 2-...	9.21	8.8	ng/ul	272021	1	7.93	618432	20.0
1,4-Methanonaphth...	12.62	2.1	ng/ul	85554	2	10.74	801793	20.0
Phenol, 3,4-dichl...	13.57	3.2	ng/ul	169125	3	14.57	1064340	20.0
(DEL) Alkane: Cyc...	14.44	16.3	ng/ul	868353	3	14.57	1064340	20.0
(DEL) Alkane: Cyc...	14.87	6.0	ng/ul	317507	3	14.57	1064340	20.0
(DEL) Alkane: Cyc...	15.04	2.2	ng/ul	117224	3	14.57	1064340	20.0
unknown-01	15.59	3.2	ng/ul	171365	3	14.57	1064340	20.0
Phenol, 3,4,5-tri...	15.68	109.0	ng/ul	5798070	3	14.57	1064340	20.0
unknown-02	17.24	3.8	ng/ul	258799	4	17.32	1370100	20.0
unknown-03	17.39	2.2	ng/ul	149091	4	17.32	1370100	20.0