LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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	6.428	647	653	660	rBV	6066741	9642545	2.10%	0.632%
2	7.075	758	763	770	rVB2	4840202	8130000	1.77%	0.533%
3	7.304	787	802	806	rBV	5570745	11381185	2.48%	0.746%
4	7.357	806	811	819	rVB	13444887	19842794	4.32%	1.300%
5	8.063	912	931	935	rBV2	55828102	209262895	45.58%	13.714%
6	8.404	979	989	996	rBV	24174784	41069484	8.95%	2.691%
7	8.481	996	1002	1008	rBV	4588044	7101091	1.55%	0.465%
8	9.063	1094	1101	1105	rVB	3337447	4894925	1.07%	0.321%
9	9.798	1220	1226	1229	rBV	4782032	8360206	1.82%	0.548%
10	10.280	1303	1308	1318	rBV	3059277	6348058	1.38%	0.416%
11	10.827	1389	1401	1406	rVB2	49274763	116690751	25.42%	7.647%
12	10.922	1412	1417	1426	rVB	3280532	6095918	1.33%	0.399%
13	11.016	1426	1433	1438	rBV2	3768503	7896209	1.72%	0.517%
14	11.098	1442	1447	1460	rVV	3403804	8295903	1.81%	0.544%
15	11.474	1506	1511	1519	rVB3	3680559	6250115	1.36%	0.410%
16	11.610	1529	1534	1537	rVV	5161861	7482408	1.63%	0.490%
17	11.651	1537	1541	1546	rVB	3464062	4950290	1.08%	0.324%
18	12.404	1661	1669	1674	rVB	12934772	20454037	4.46%	1.340%
19	12.621	1700	1706	1716	rVB	7615511	12969620	2.83%	0.850%
20	12.721	1716	1723	1734	rBV	3768659	12421245	2.71%	0.814%
21	13.092	1776	1786	1797	rVB	39496657	68066155	14.83%	4.461%
22	13.268	1809	1816	1821	rBV	9019163	13233996	2.88%	0.867%
23	13.363	1824	1832	1836	rVV3	2141756	5604397	1.22%	0.367%
24	13.586	1863	1870	1880	rVB	20049568	33983016	7.40%	2.227%
25	14.557	2019	2035	2040	rBV	47200116	129319184	28.17%	8.475%
26	14.633	2043	2048	2053	rVB	3763121	5944545	1.29%	0.390%
27	14.757	2060	2069	2074	rBV3	4182596	9726458	2.12%	0.637%
28	14.921	2090	2097	2101	rBV4	2221839	5064727	1.10%	0.332%
29	14.968	2101	2105	2107	rVV	3573412	5363593	1.17%	0.352%
30	15.057	2111	2120	2126	rVB4	7389821	20382709	4.44%	1.336%
31	15.192	2139	2143	2146	rBV	4406866	5482461	1.19%	0.359%
32	15.257	2146	2154	2174	rVB5	6677508	27149158	5.91%	1.779%
33	15.451	2174	2187	2189	rBV	3819197	8569363	1.87%	0.562%
34	15.486	2189	2193	2202	rVB2	3880571	9202993	2.00%	0.603%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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	15.639	2211	2219	2223	rBV2	3282943	9174779	2.00%	0.601%
36	15.757	2223	2239	2241	rBV2	124874000	459095282	100.00%	30.087%
37	16.998	2439	2450	2457	rBV	59615951	117063582	25.50%	7.672%
38	17.239	2485	2491	2496	rVV	15378242	20277544	4.42%	1.329%
39	17.374	2509	2514	2520	rVV2	6171466	12307250	2.68%	0.807%
40	17.439	2520	2525	2532	rVV3	5938320	10461968	2.28%	0.686%
41	17.503	2532	2536	2546	rVB	6623566	8635198	1.88%	0.566%
42	17.739	2570	2576	2582	rVB	8335633	12260451	2.67%	0.803%

Sum of corrected areas: 1525908488

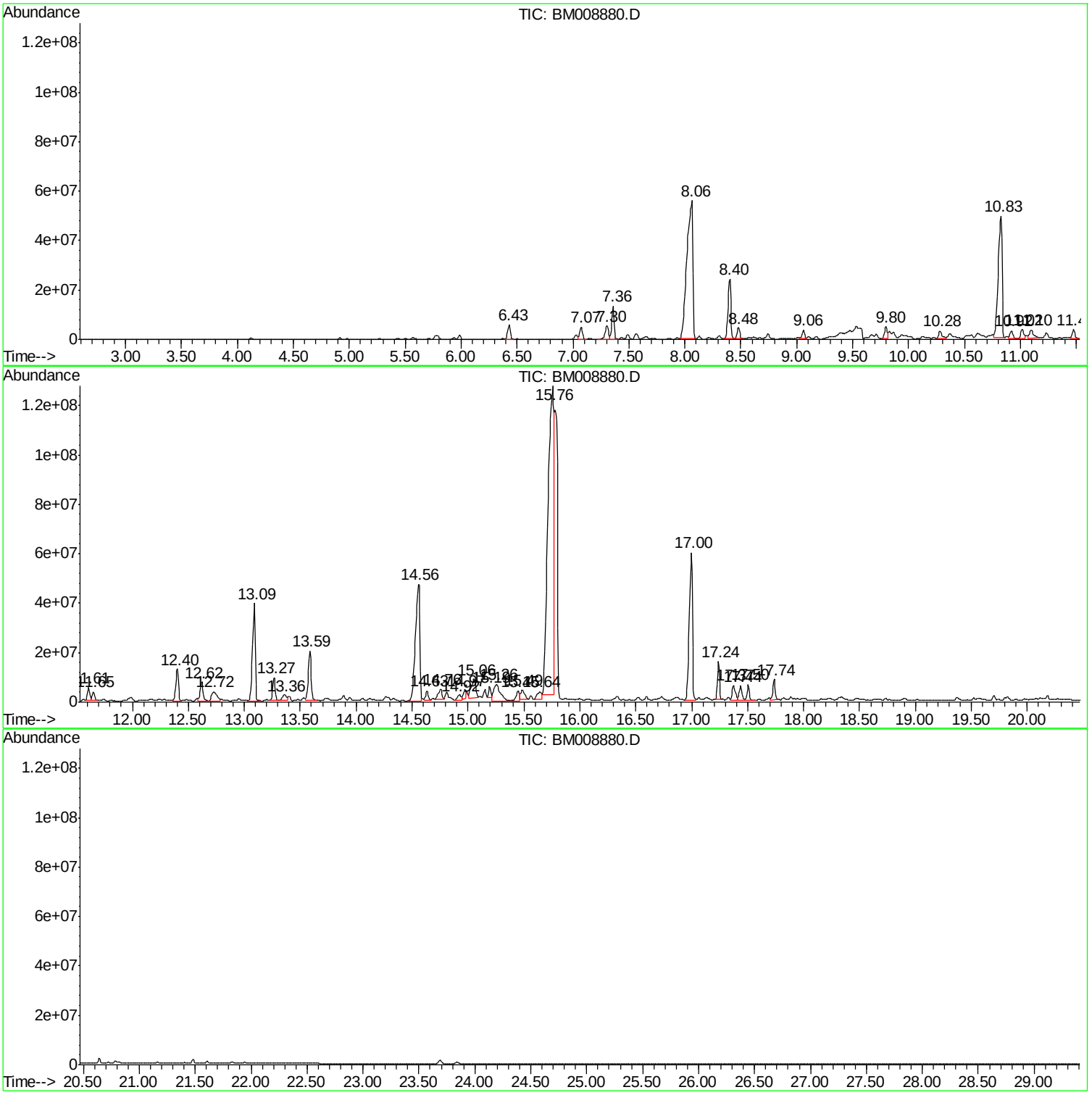
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7RE

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\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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

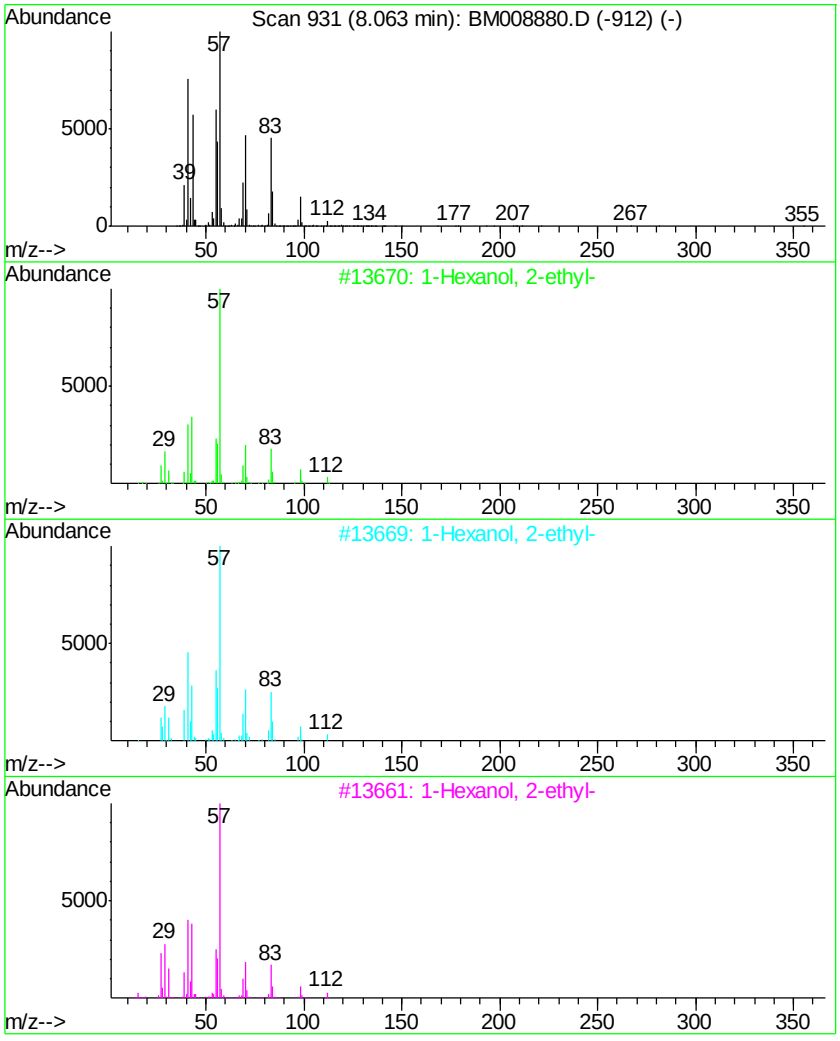
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

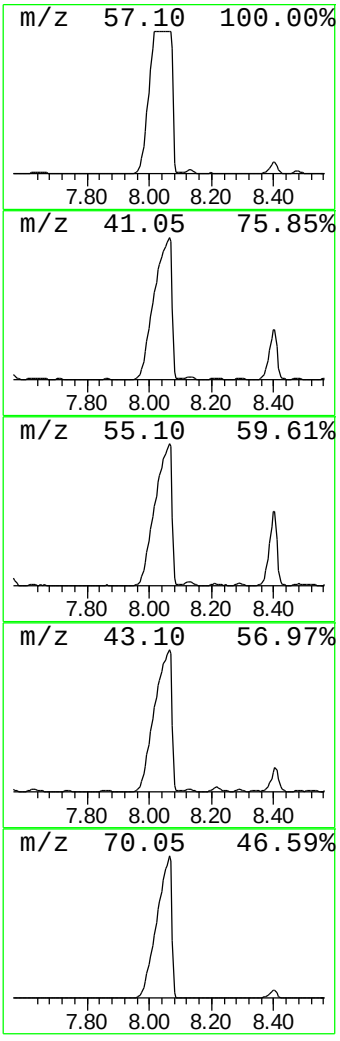
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	20.00 ng/ul	209263000	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	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	(Z)-2-Heptene	98	C7H14	006443-92-1	45
5	Acetic acid, heptyl ester	158	C9H18O2	000112-06-1	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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

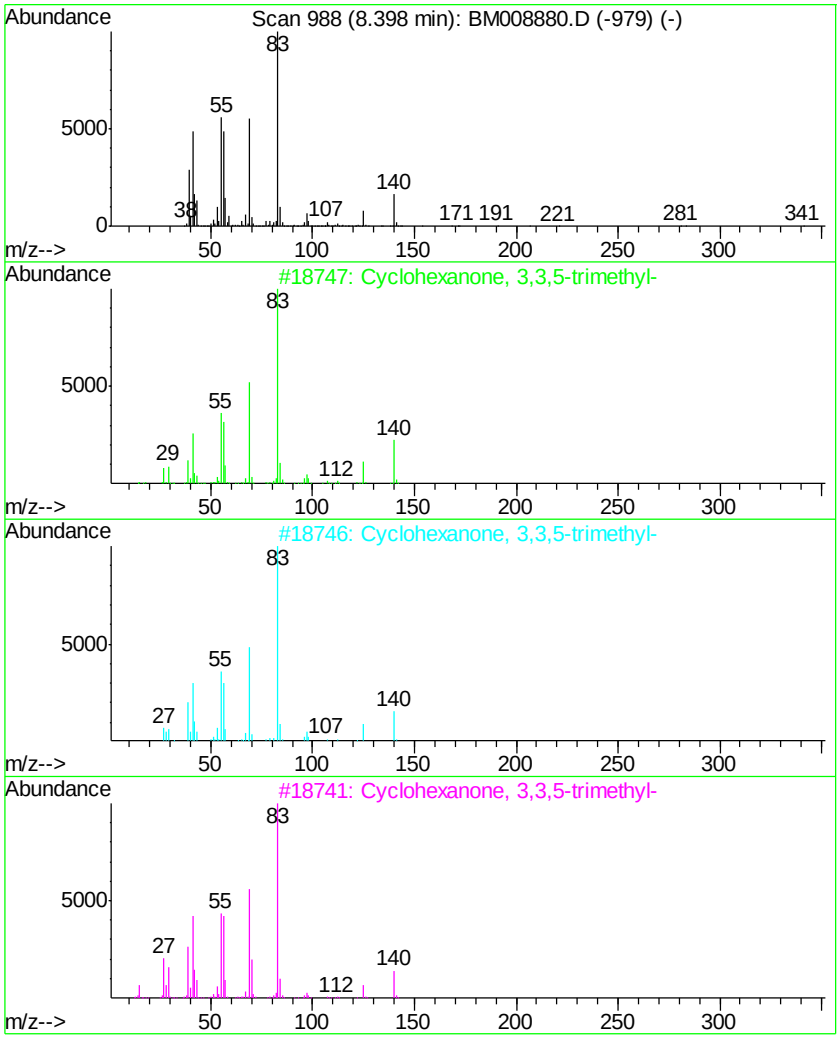
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

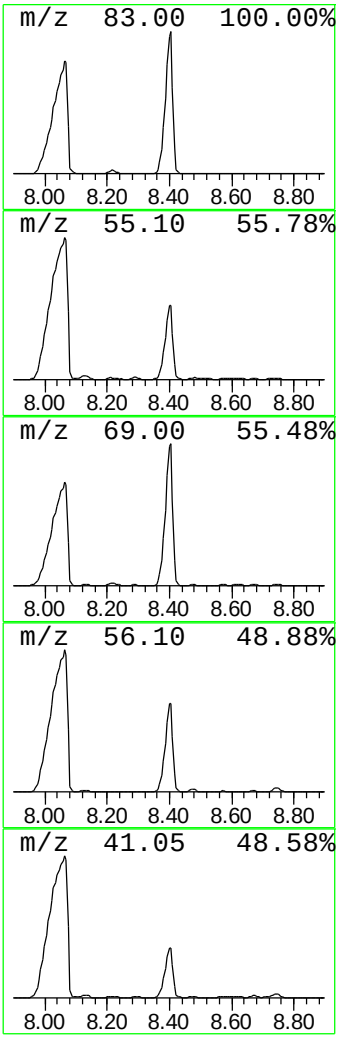
****

Peak Number 2 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	3.93 ng/ul	41069500	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	94
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	93
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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

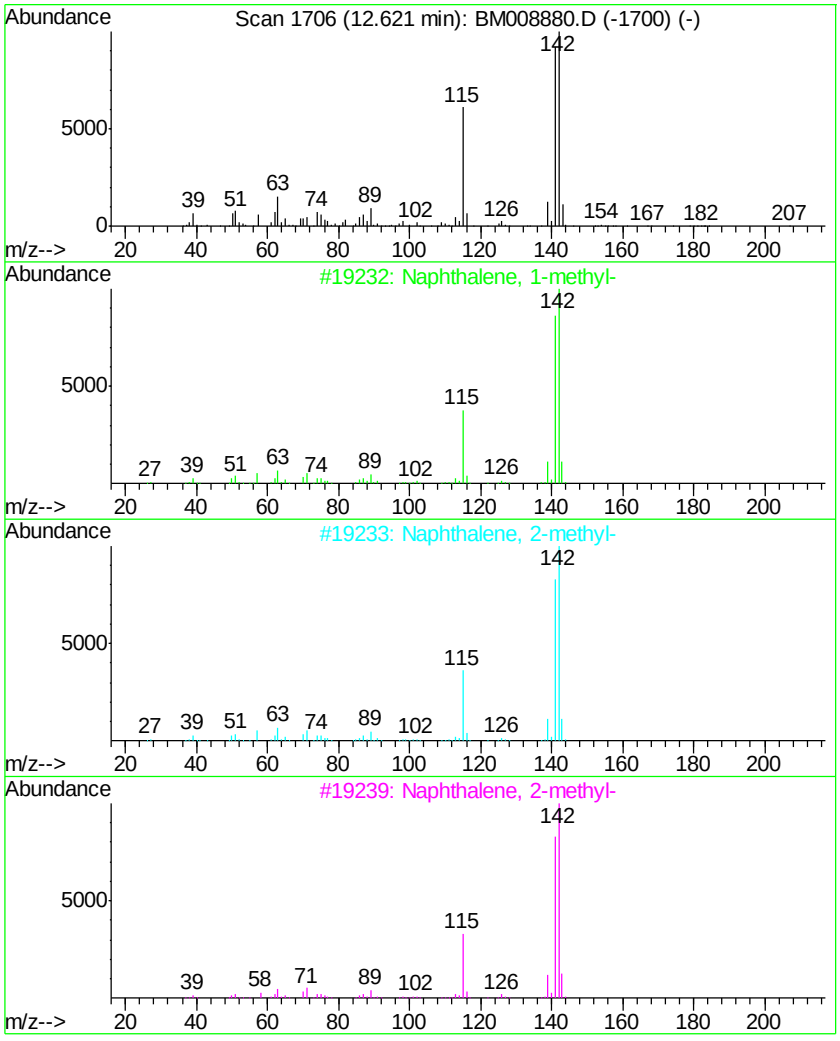
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

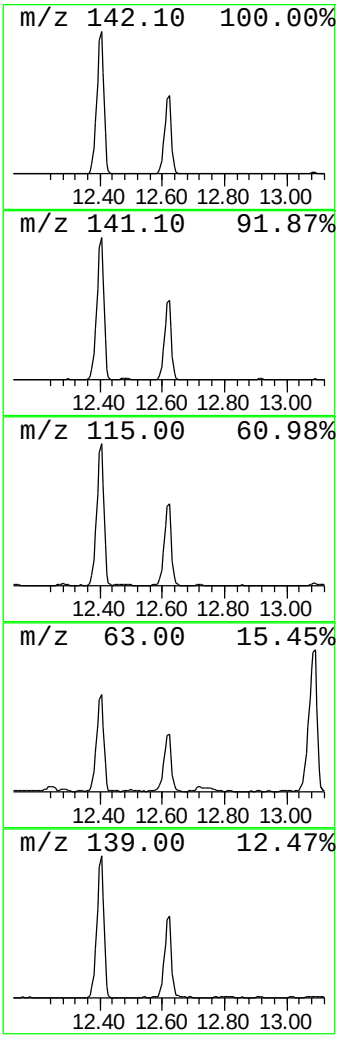
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.22 ng/ul	12969600	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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

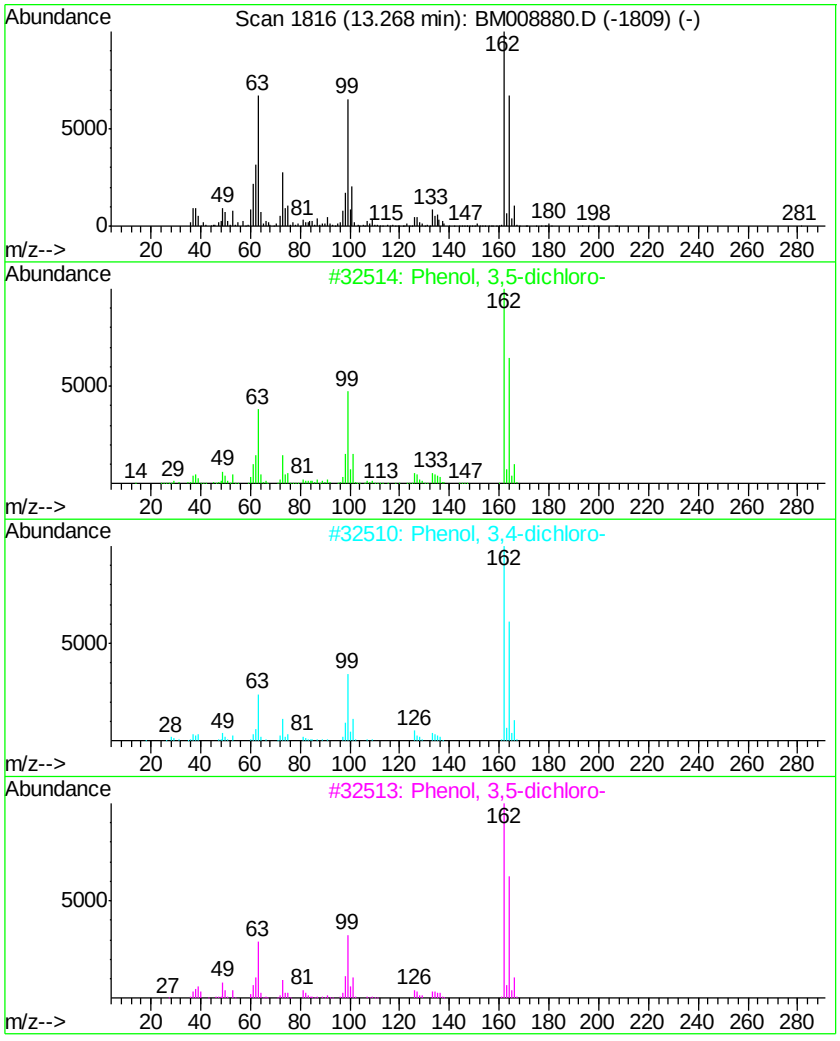
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

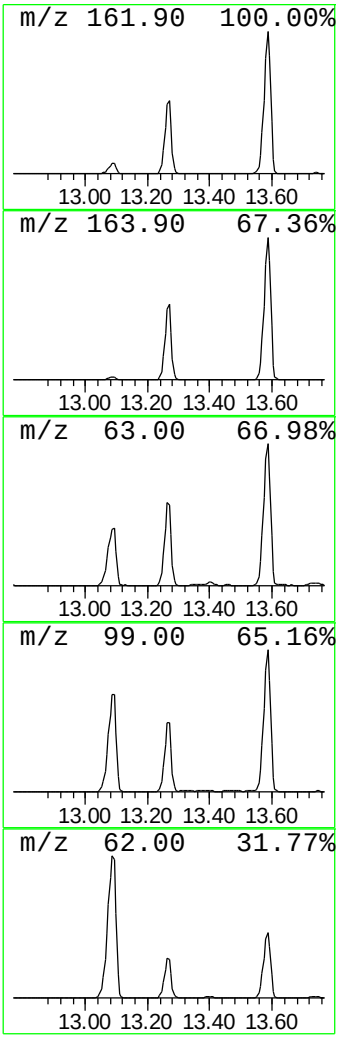
****

Peak Number 4 Phenol, 3,5-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.05 ng/ul	13234000	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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

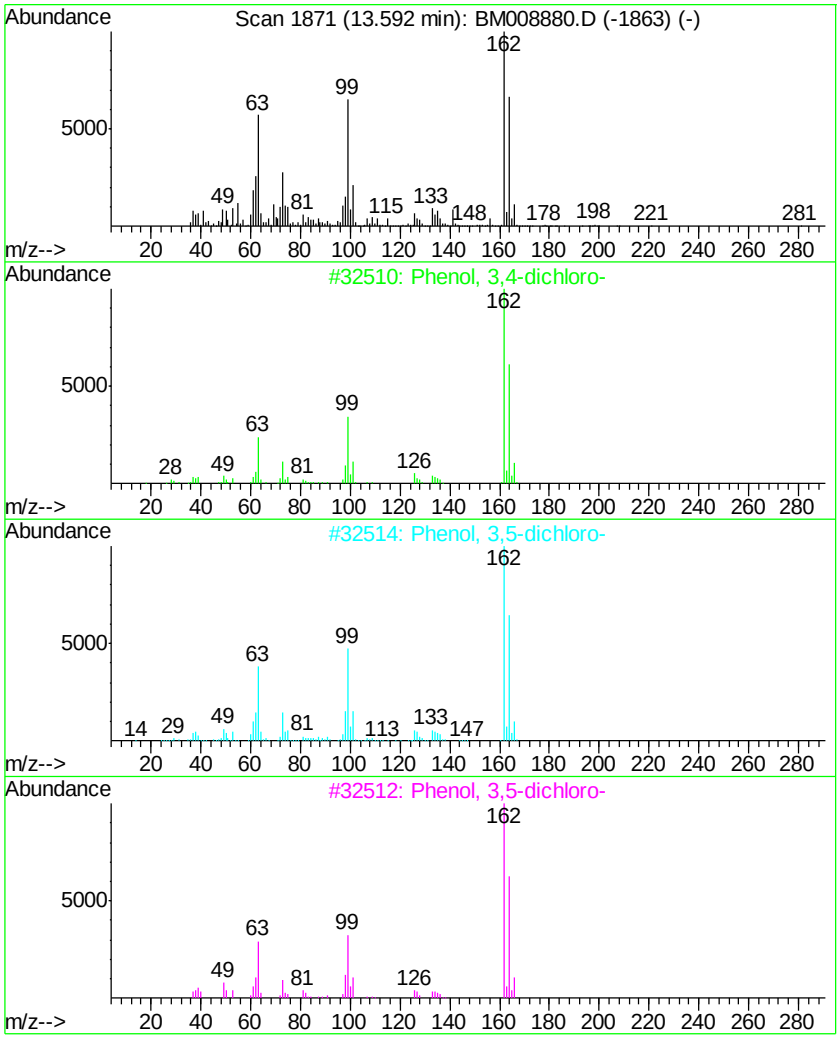
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

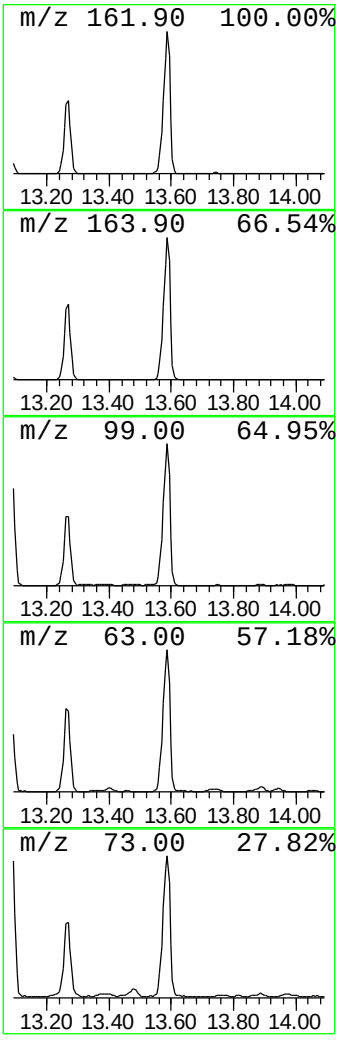
****

Peak Number 5 Phenol, 3,4-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	5.26 ng/ul	33983000	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	91
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	91
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	91
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91





Library Search Compound Report

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Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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

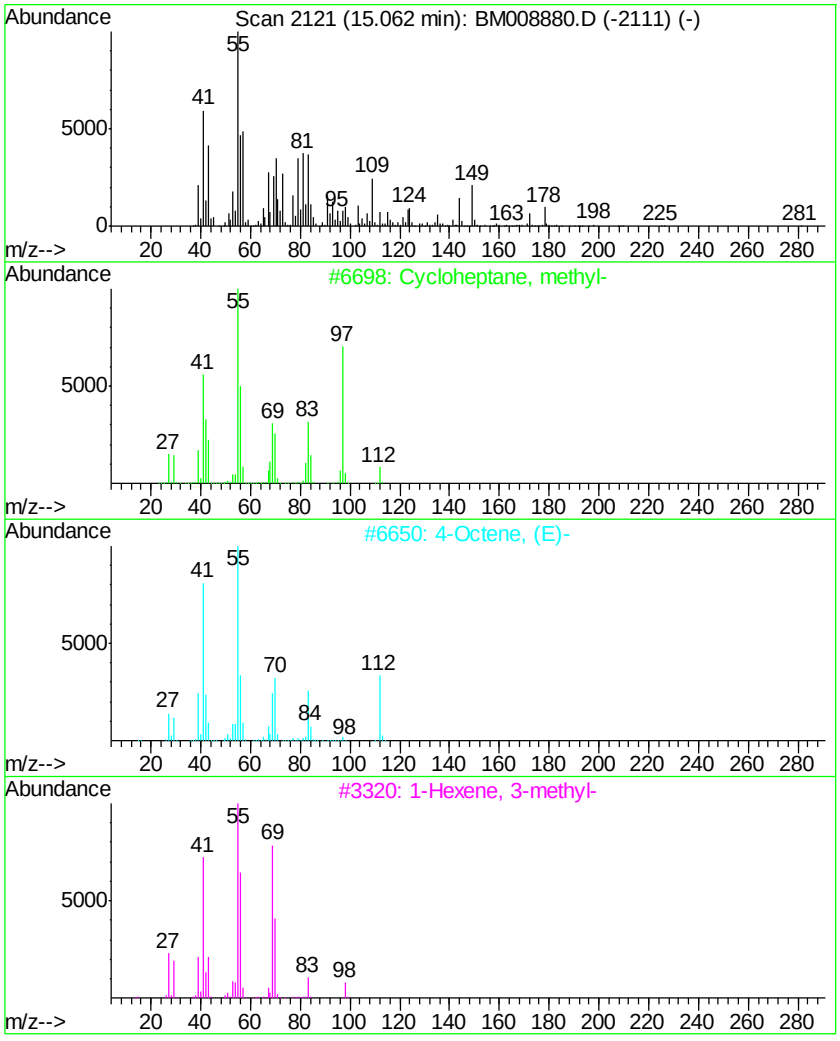
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

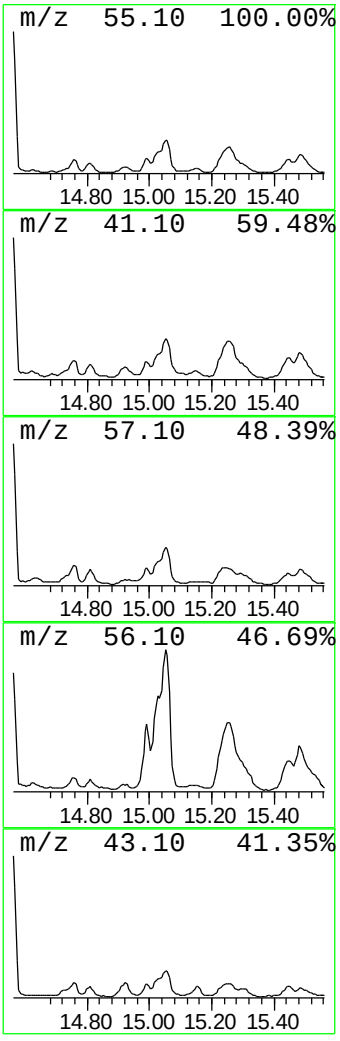
****

Peak Number 6 (DEL) Alkane: Cyclic15.06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.15 ng/ul	20382700	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	49
2	4-Octene, (E)-	112	C8H16	014850-23-8	38
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	35
5	2-Decene, (E)-	140	C10H20	020063-97-2	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
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Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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

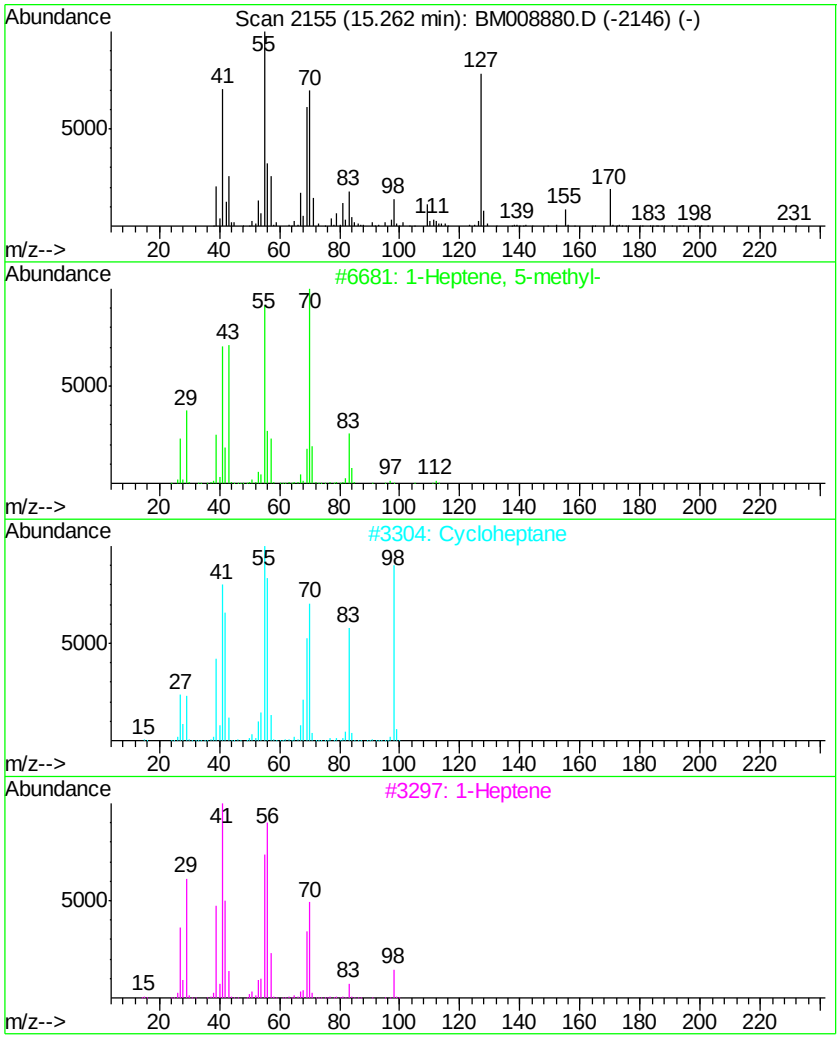
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

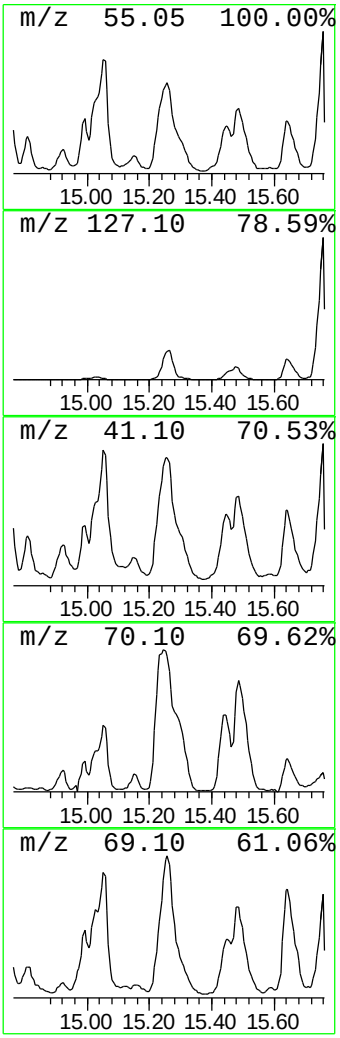
****

Peak Number 7 (DEL) Alkane: Cyclic15.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.20 ng/ul	27149200	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	43
2	Cycloheptane	98	C7H14	000291-64-5	38
3	1-Heptene	98	C7H14	000592-76-7	38
4	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	35
5	2,6-Nonadienal, (E,Z)-	138	C9H14O	000557-48-2	27





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
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Sample : I1323-22RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

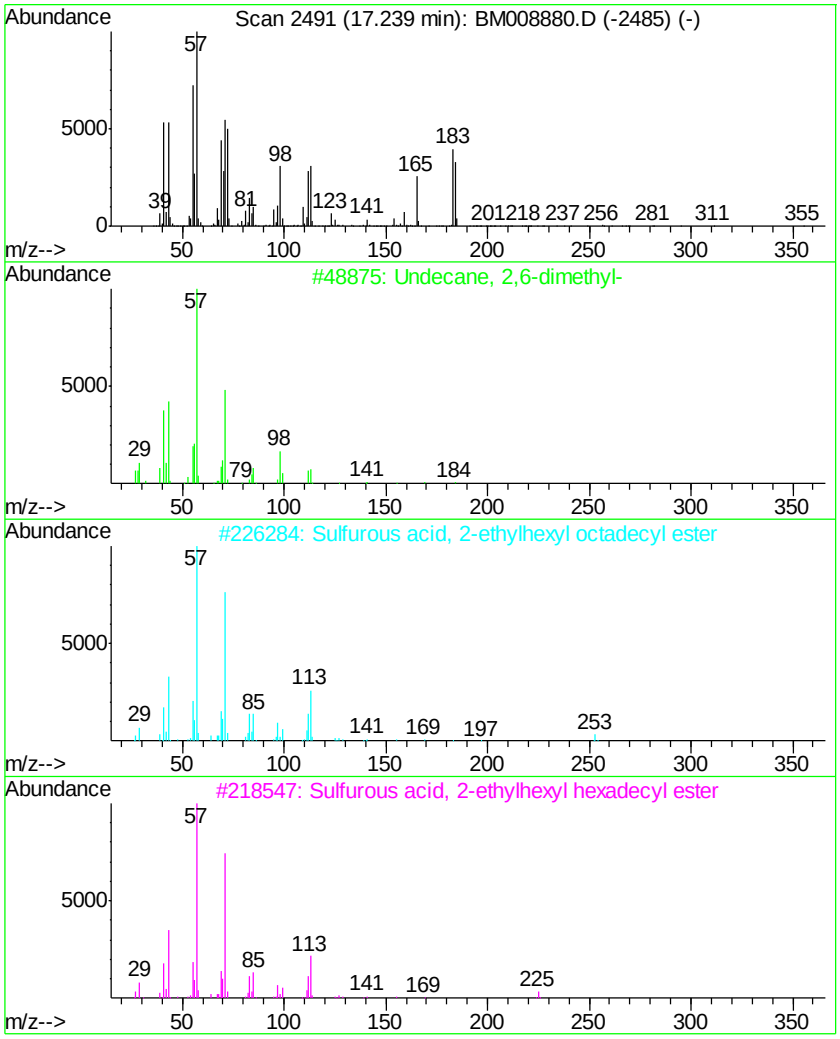
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

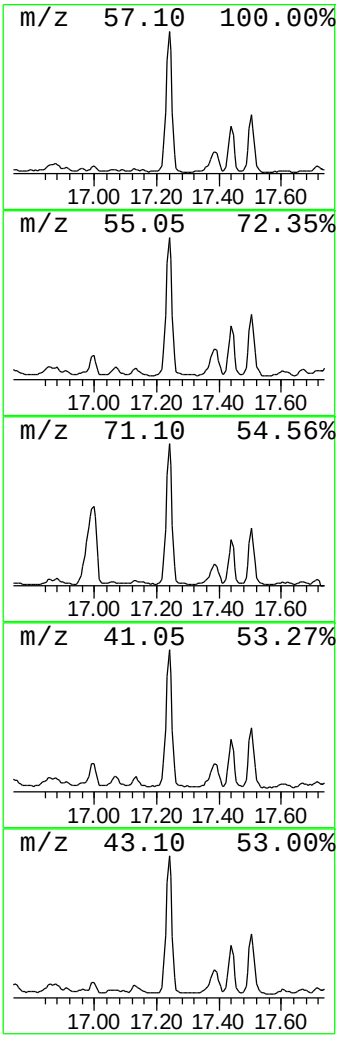
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	32.95 ng/ul	20277500	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	25
2	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	14
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	14
4	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	14
5	Octadecane, 6-methyl-	268	C19H40	010544-96-4	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008880.D
Acq On : 26 Jan 2017 18:00
Operator : SJ/MA
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7RE

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
1-Hexanol, 2-ethyl-	8.06	20.0	ng/ul	209263000	1	7.93	209263000	20.0
Cyclohexanone, 3,...	8.40	3.9	ng/ul	41069500	1	7.93	209263000	20.0
Naphthalene, 1-me...	12.62	2.2	ng/ul	12969600	2	10.75	116691000	20.0
Phenol, 3,5-dichl...	13.27	2.0	ng/ul	13234000	3	14.57	129319000	20.0
Phenol, 3,4-dichl...	13.59	5.3	ng/ul	33983000	3	14.57	129319000	20.0
(DEL) Alkane: Cyc...	15.06	3.1	ng/ul	20382700	3	14.57	129319000	20.0
(DEL) Alkane: Cyc...	15.26	4.2	ng/ul	27149200	3	14.57	129319000	20.0
(DEL) Alkane: Str...	17.24	33.0	ng/ul	20277500	4	17.33	12307300	20.0