LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008831.D
Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

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	7.293	787	800	805	rBV	505728	876644	1.12%	0.522%
2	7.351	805	810	819	rVB	1078682	1551455	1.99%	0.924%
3	7.998	913	920	926	rVB	9068922	14561575	18.68%	8.677%
4	8.369	977	983	995	rVB	1906204	3159966	4.05%	1.883%
5	9.304	1123	1142	1148	rVB3	791886	3184999	4.09%	1.898%
6	10.740	1378	1386	1390	rBV	512639	1001614	1.28%	0.597%
7	10.798	1390	1396	1402	rVB	4850197	8089830	10.38%	4.820%
8	12.398	1660	1668	1677	rBV	961703	1696250	2.18%	1.011%
9	12.539	1688	1692	1700	rVB	530935	886589	1.14%	0.528%
10	12.616	1700	1705	1715	rVB	610974	1009192	1.29%	0.601%
11	13.069	1775	1782	1794	rVB	3457093	5326999	6.83%	3.174%
12	13.257	1809	1814	1819	rVB	794180	1107235	1.42%	0.660%
13	13.569	1863	1867	1886	rVB	1419399	2518934	3.23%	1.501%
14	14.469	2007	2020	2025	rBV	6015742	10881753	13.96%	6.484%
15	14.575	2030	2038	2042	rVV	894519	1454457	1.87%	0.867%
16	14.645	2045	2050	2055	rVV5	698456	1237289	1.59%	0.737%
17	14.927	2080	2098	2102	rBV5	960053	3669788	4.71%	2.187%
18	14.969	2102	2105	2114	rVB3	1153458	2177978	2.79%	1.298%
19	15.145	2130	2135	2140	rVV5	603153	1449610	1.86%	0.864%
20	15.298	2152	2161	2168	rBV4	286311	851791	1.09%	0.508%
21	15.627	2210	2217	2221	rBV2	1699598	2844197	3.65%	1.695%
22	15.704	2221	2230	2235	rVV	49028425	77951536	100.00%	46.448%
23	16.963	2436	2444	2454	rVB	6420597	9205003	11.81%	5.485%
24	17.239	2484	2491	2499	rVB	2110868	2959372	3.80%	1.763%
25	17.321	2499	2505	2508	rBV2	1097396	1621117	2.08%	0.966%
26	17.439	2521	2525	2531	rVB2	720696	1023816	1.31%	0.610%
27	17.504	2531	2536	2543	rVB	703797	921506	1.18%	0.549%
28	17.721	2568	2573	2582	rVB	1029975	1453181	1.86%	0.866%
29	21.486	3208	3213	3220	rBV	1358515	1790344	2.30%	1.067%
30	23.845	3608	3614	3623	rVB	677065	1361428	1.75%	0.811%

Sum of corrected areas: 167825448

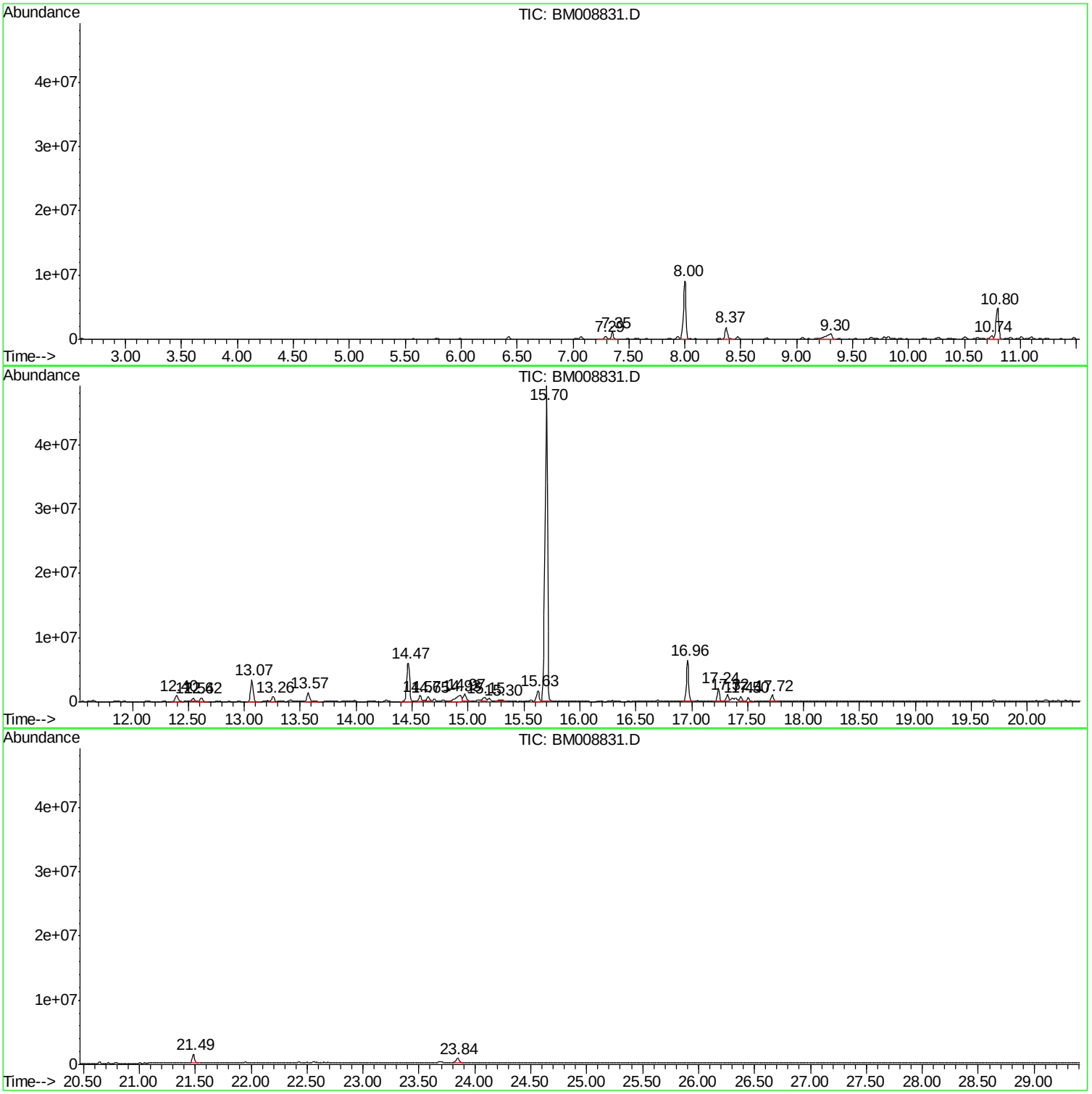
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008831.D
Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

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\
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Quant Title : SVOA CALIBRATION

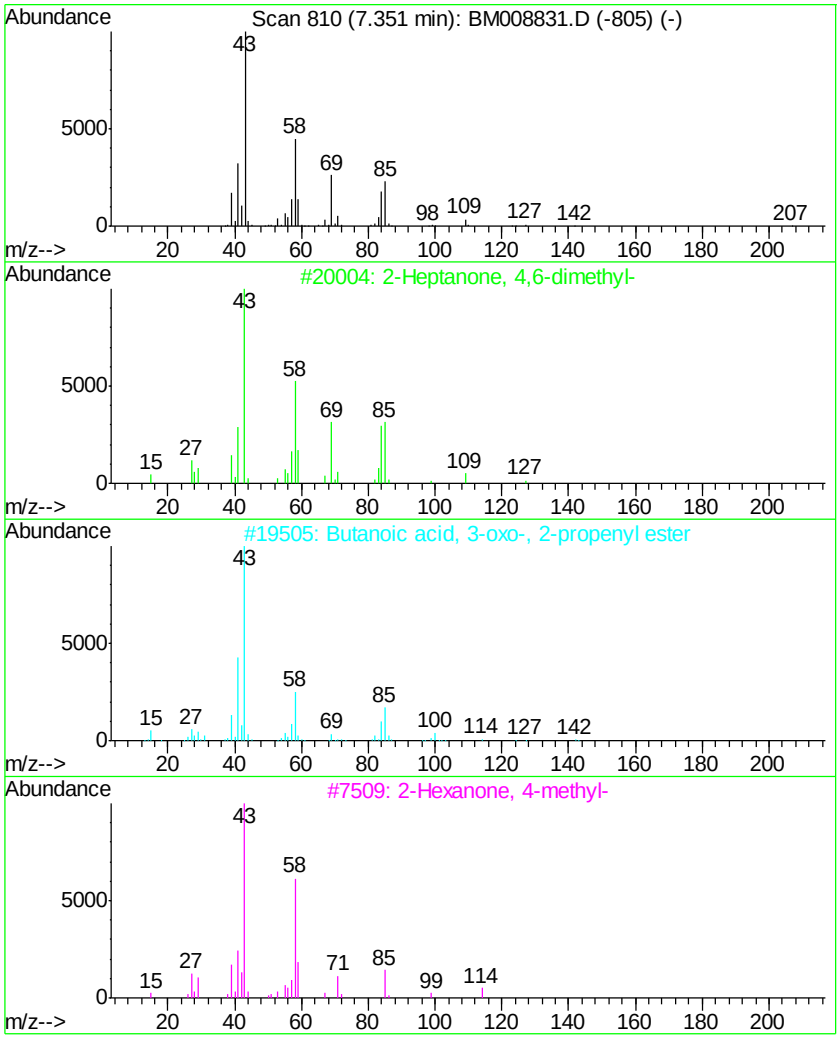
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

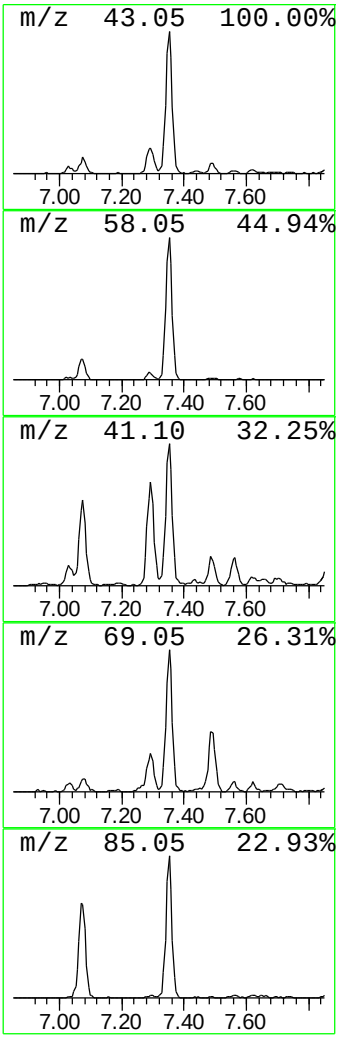
****

Peak Number 1 2-Heptanone, 4,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	2.13 ng/ul	1551460	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	78
2	Butanoic acid, 3-oxo-, 2-propeny...	142	C7H10O3	001118-84-9	56
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	45
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	42
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	40





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008831.D
Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

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

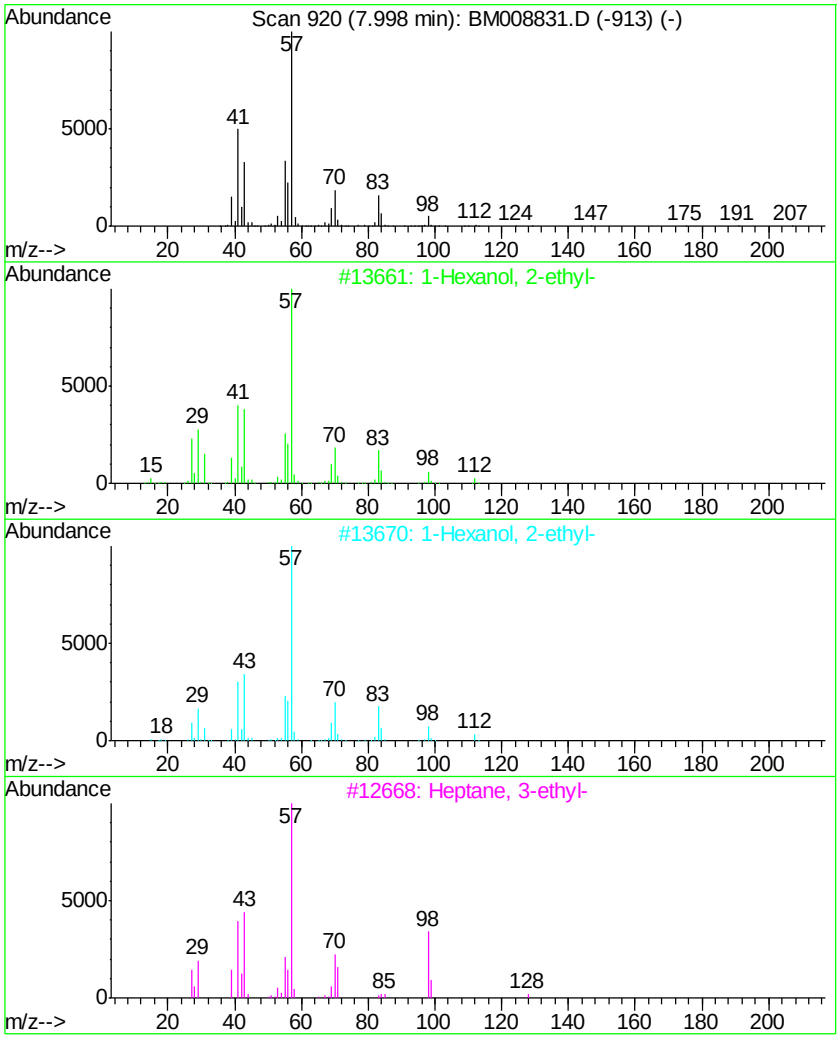
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

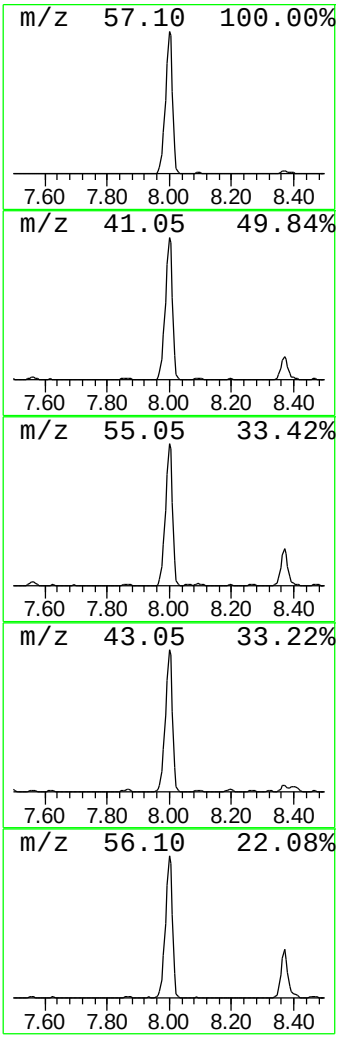
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	20.00 ng/ul	14561600	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-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	56
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53





Library Search Compound Report

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Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

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

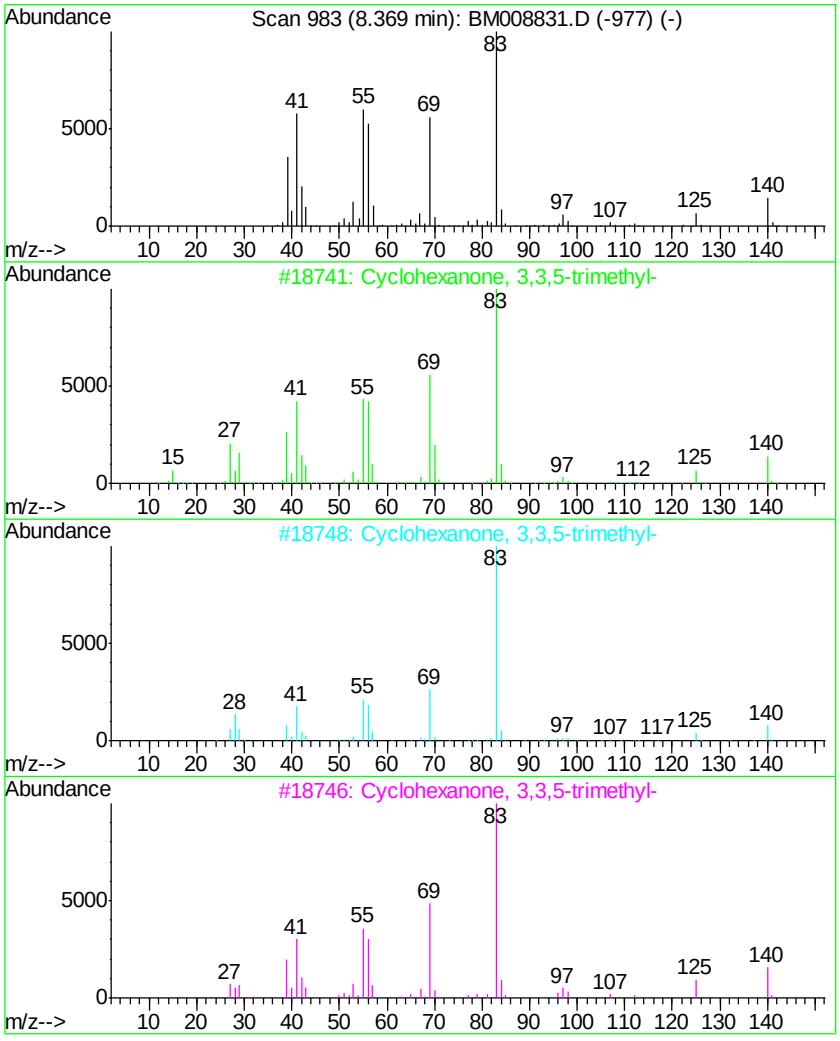
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

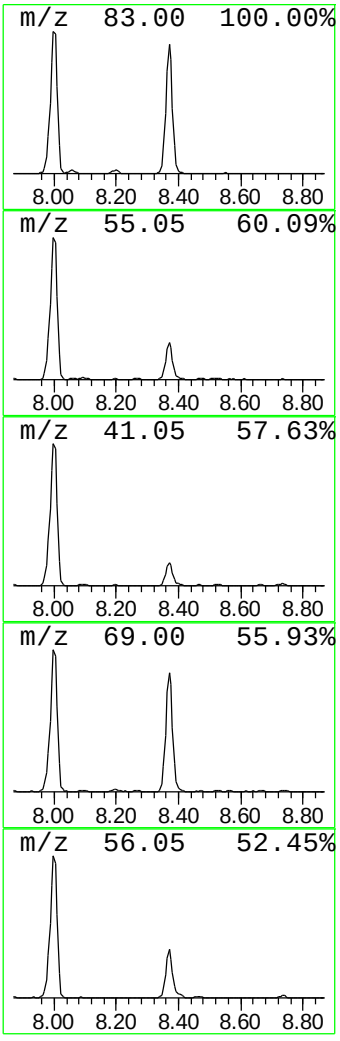
****

Peak Number 3 Cyclohexanone, 3,3,5-trimet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	4.34 ng/ul	3159970	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	90
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	52





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008831.D
Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

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

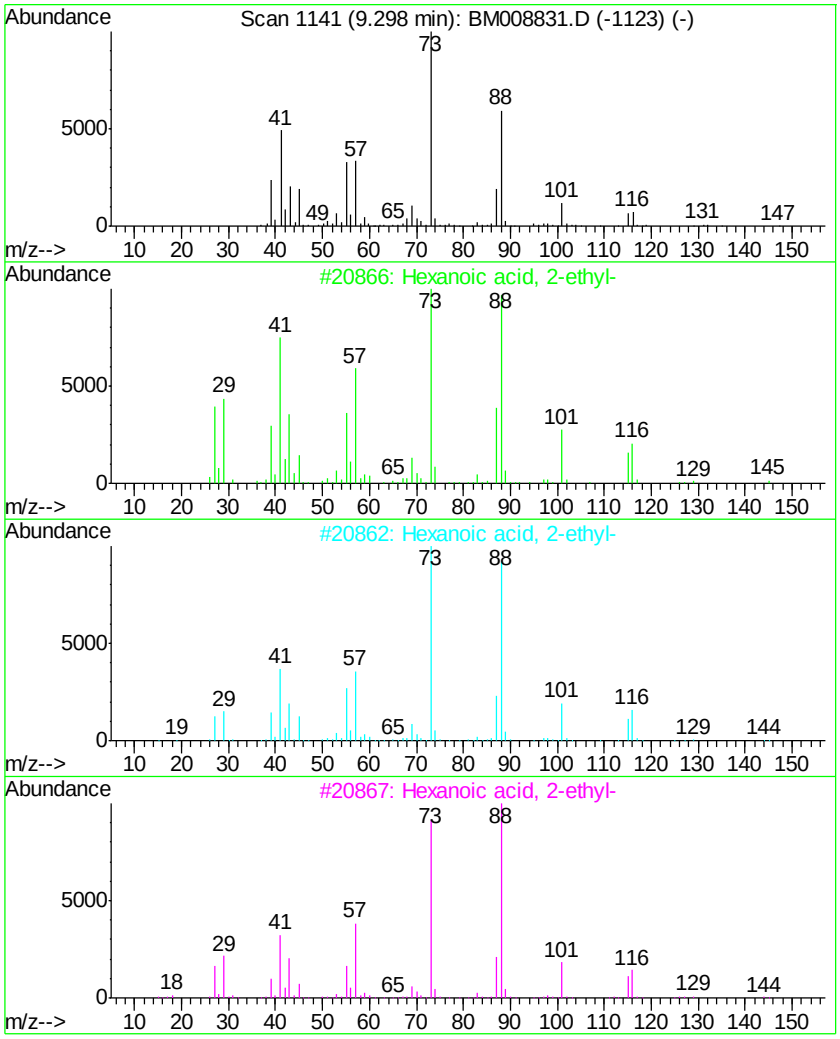
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

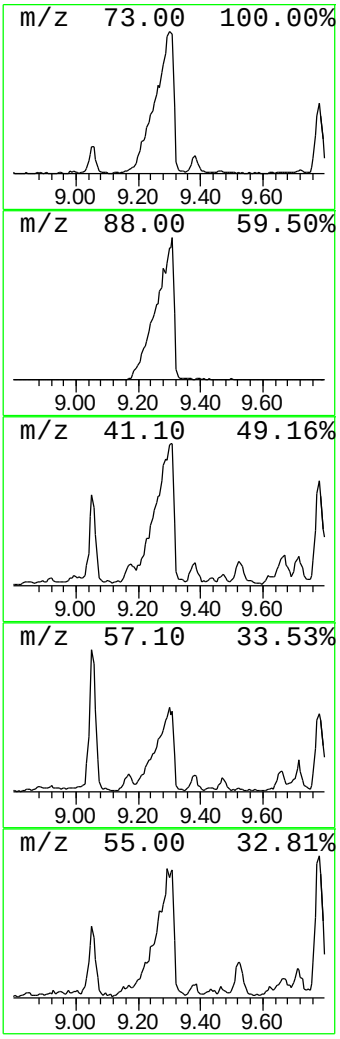
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	4.37 ng/ul	3185000	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	50
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	49
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	47
5	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	32





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
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Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

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

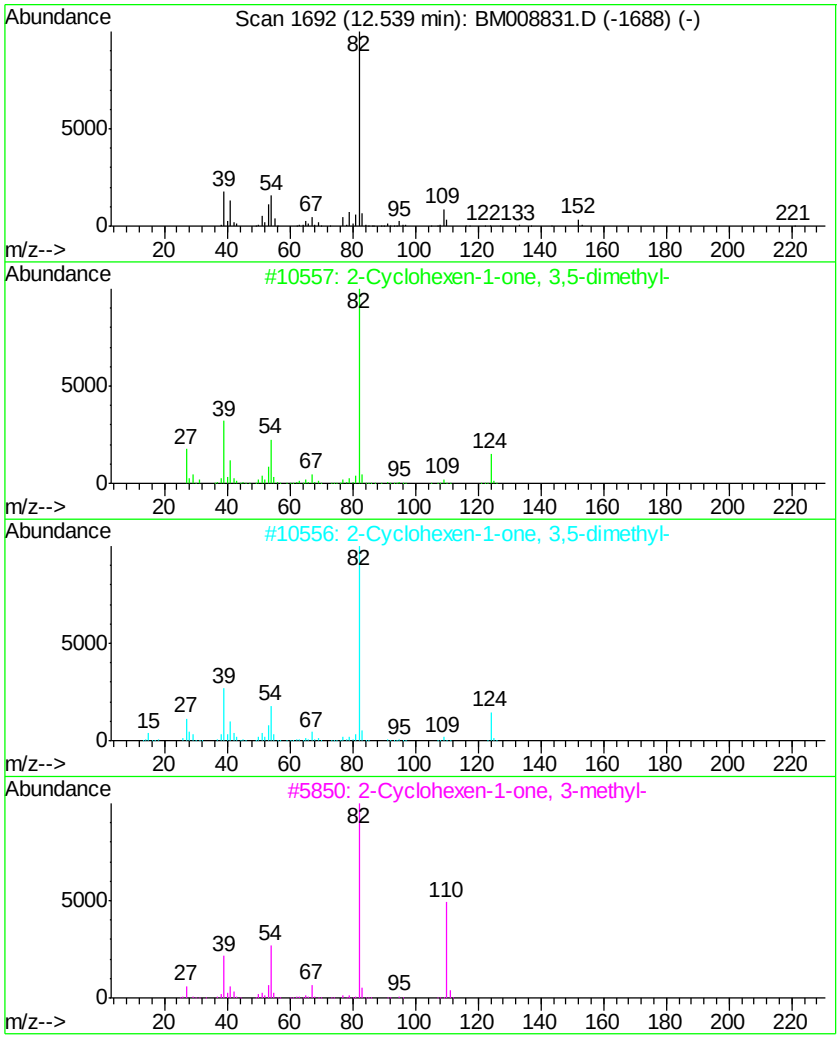
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

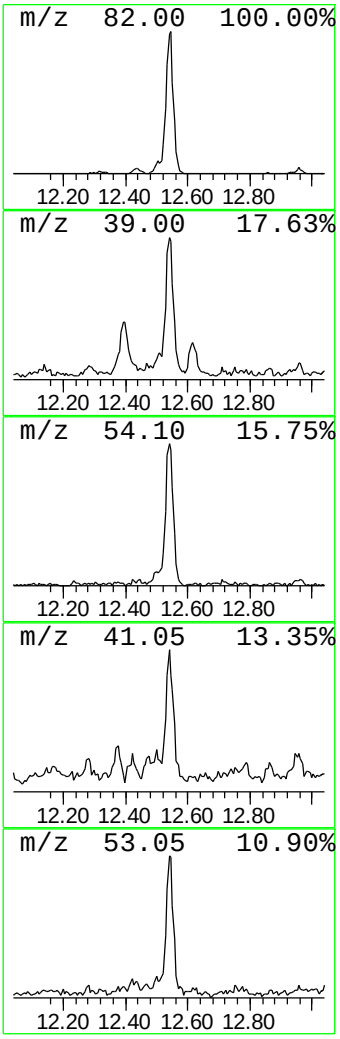
****

Peak Number 5 2-Cyclohexen-1-one, 3,5-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	17.70 ng/ul	886589	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	72
2	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	72
3	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	72
4	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	64
5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	64





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ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId : DA9R7DL

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

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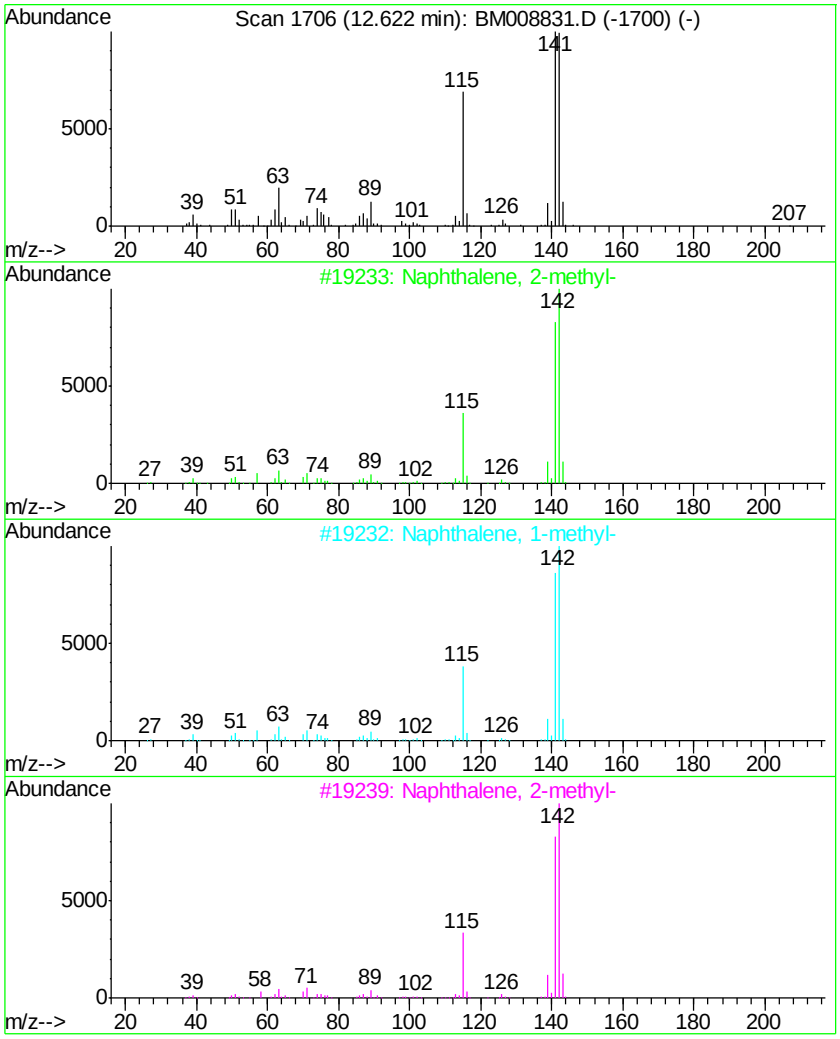
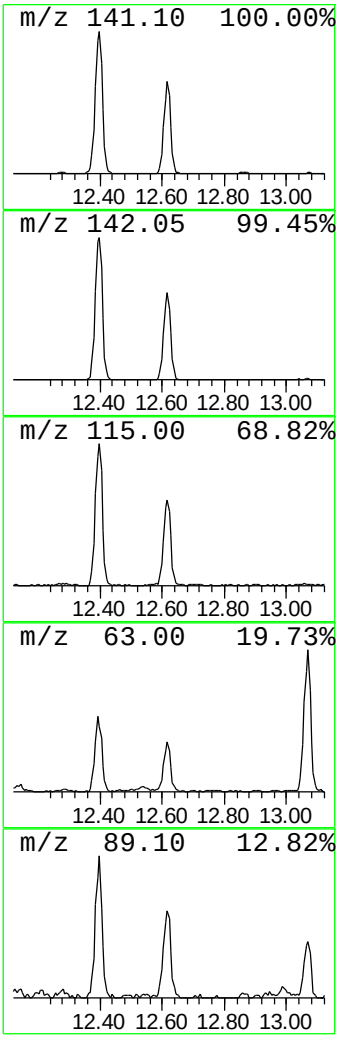
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	20.15 ng/ul	1009190	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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Sample : I1323-22DL 10X
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

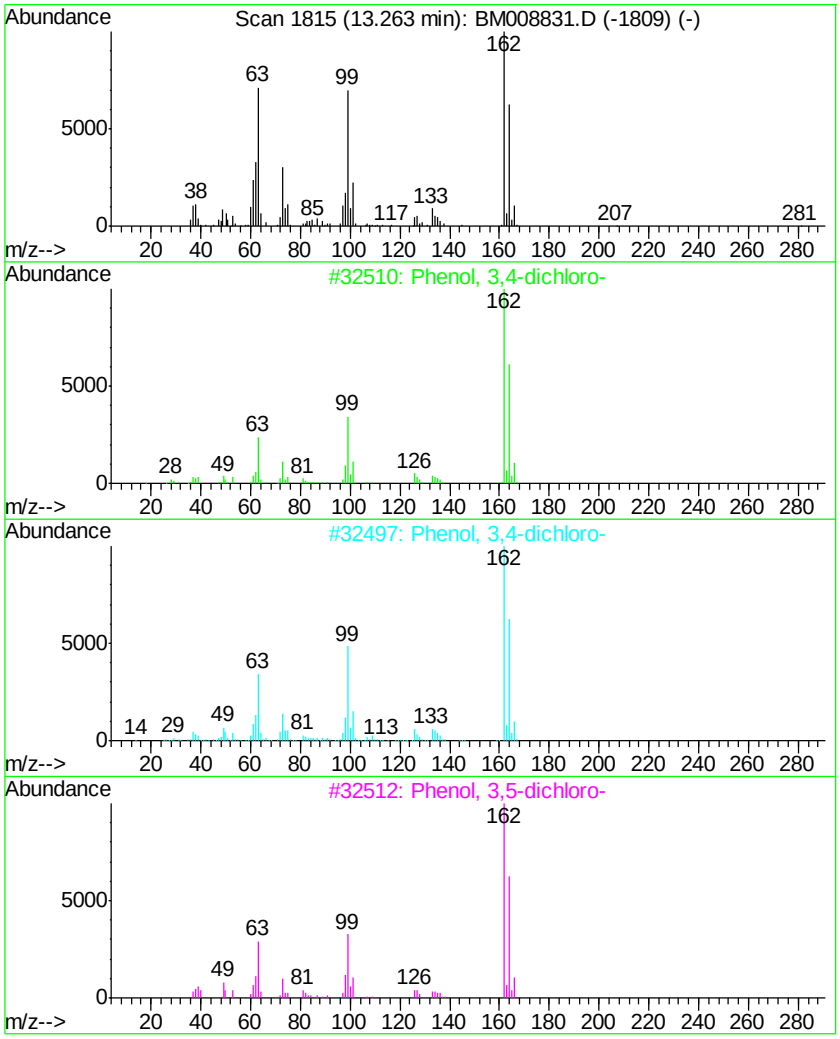
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

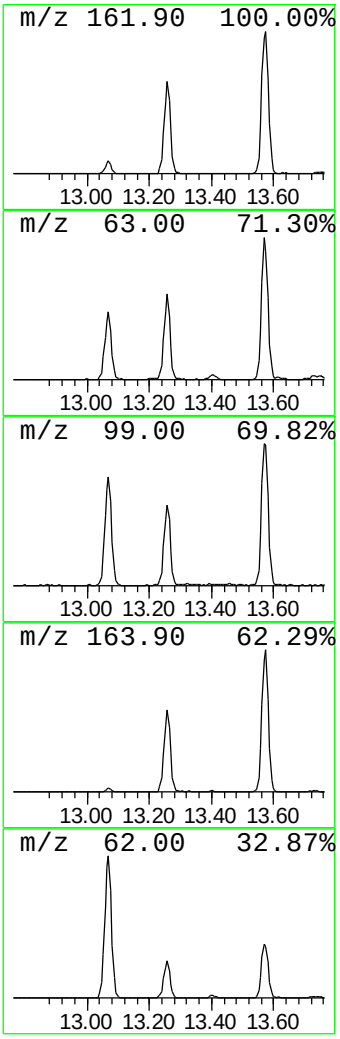
****

Peak Number 7 Phenol, 3,4-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	15.23 ng/ul	1107240	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
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	91
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	91





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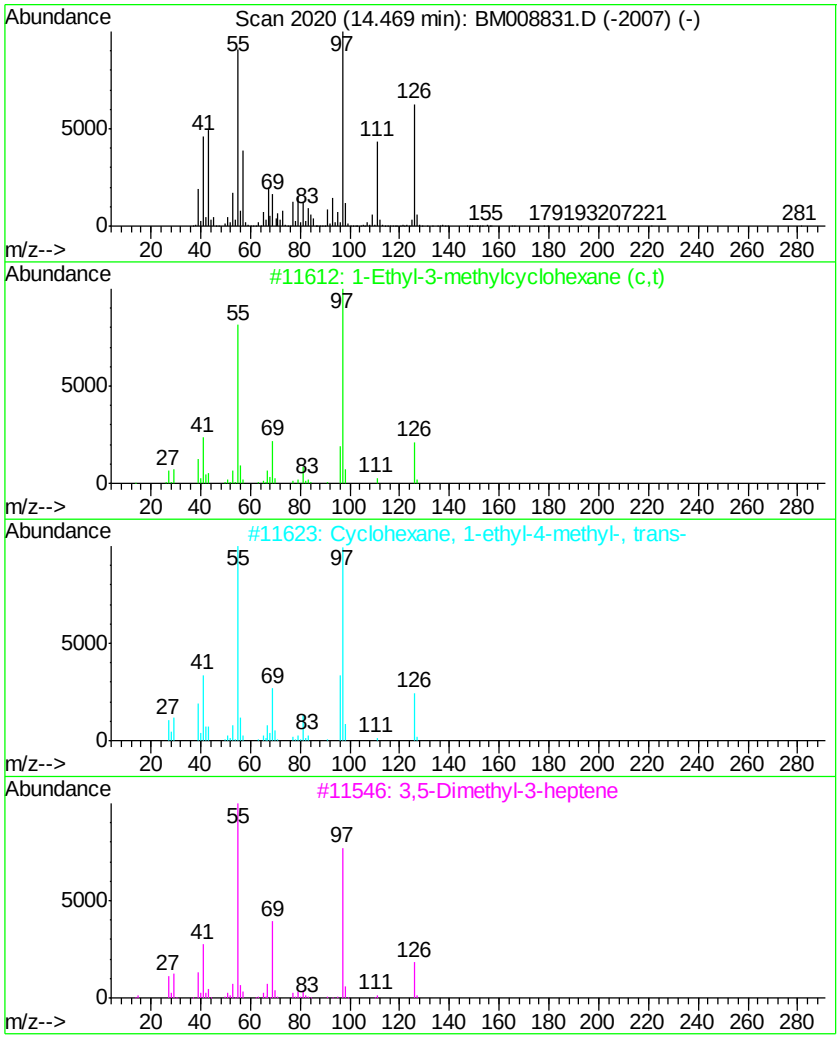
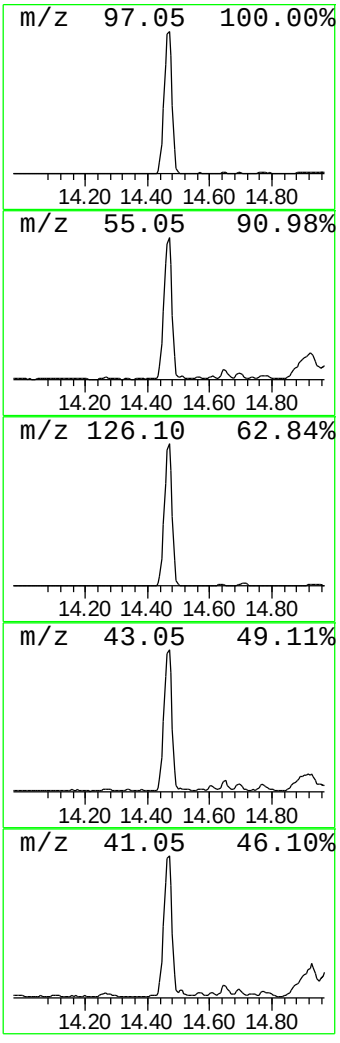
****

Peak Number 9 (DEL) Alkane: Cyclic14.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	149.63 ng/ul	10881800	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53





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

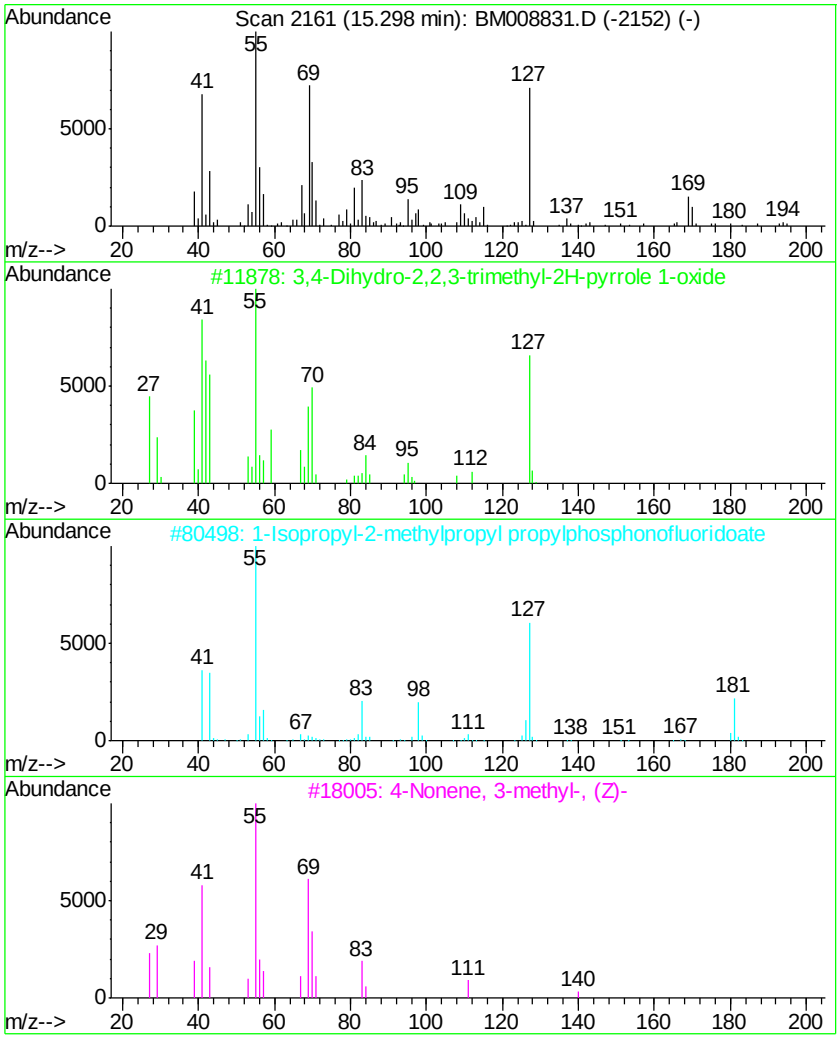
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

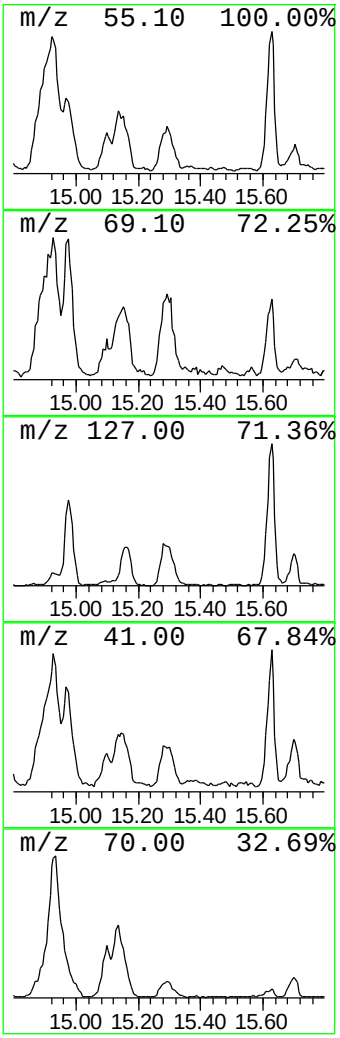
****

Peak Number 10 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	11.71 ng/ul	851791	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-2,2,3-trimethyl-2H-p...	127	C7H13NO	003146-84-7	38
2	1-Isopropyl-2-methylpropyl propy...	224	C10H22FO2P	1000298-29-6	38
3	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	35
4	Cyclooctyl propylphosphonofluori...	236	C11H22FO2P	1000298-26-9	22
5	2,3,4-Trimethyl-isoxazol-5(2H)-one	127	C6H9NO2	007713-68-0	22





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008831.D
Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

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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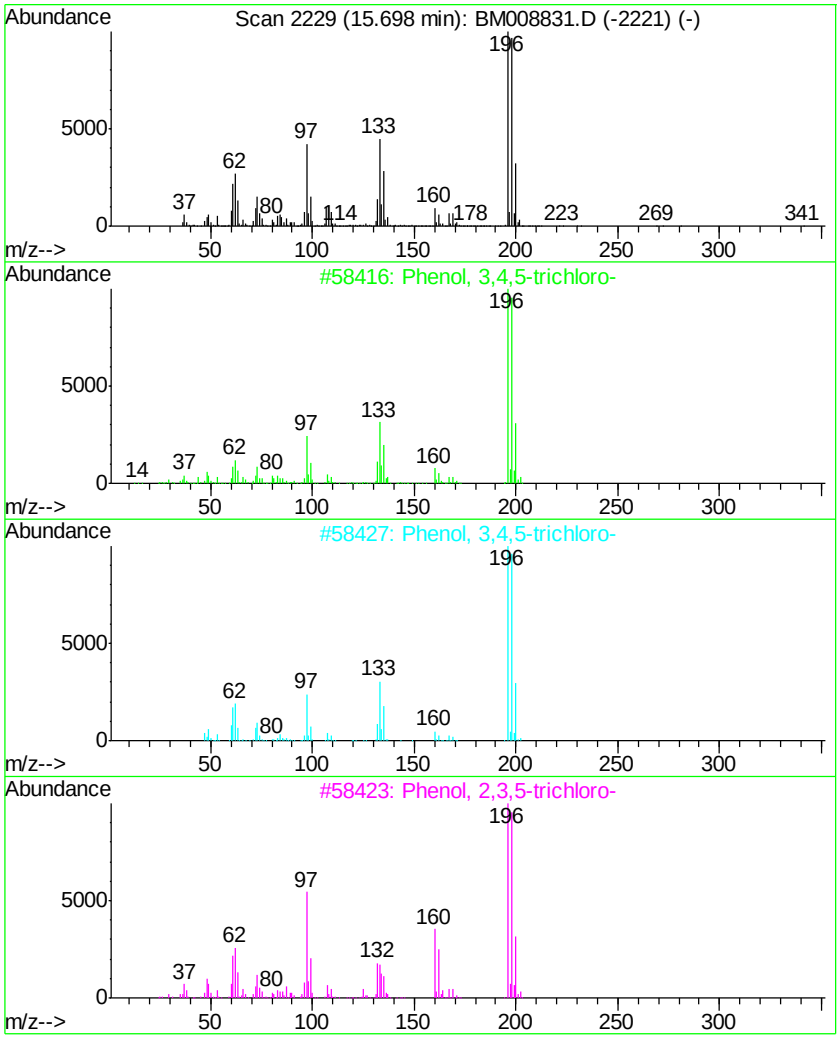
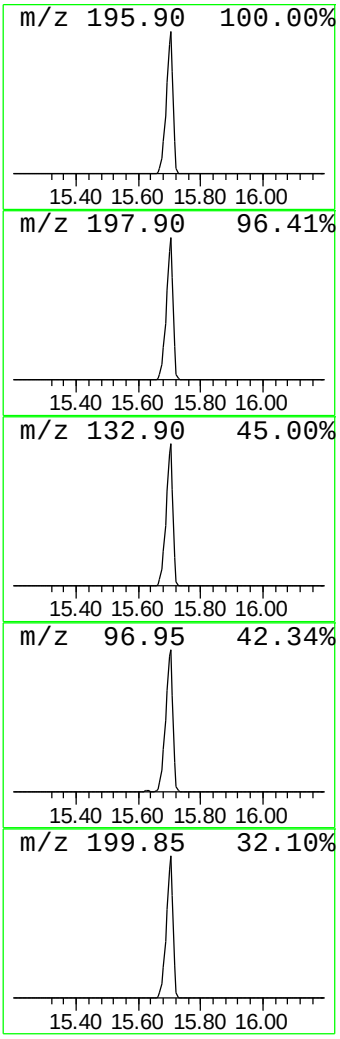
Peak Number 11 Phenol, 3,4,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	1071.90 ng/ul	77951500	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	96
2	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	95
3	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	93
4	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	91
5	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	86





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Instrument : BNA_M
ClientSampleId : DA9R7DL

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Quant Title : SVOA CALIBRATION

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

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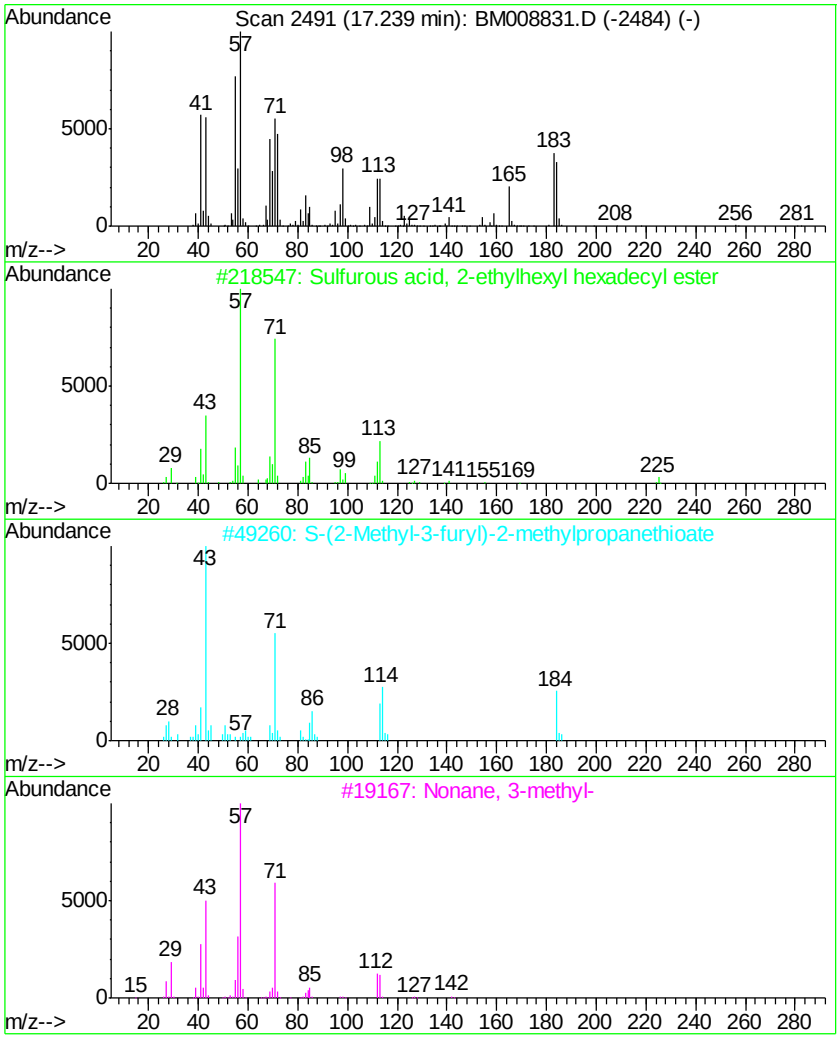
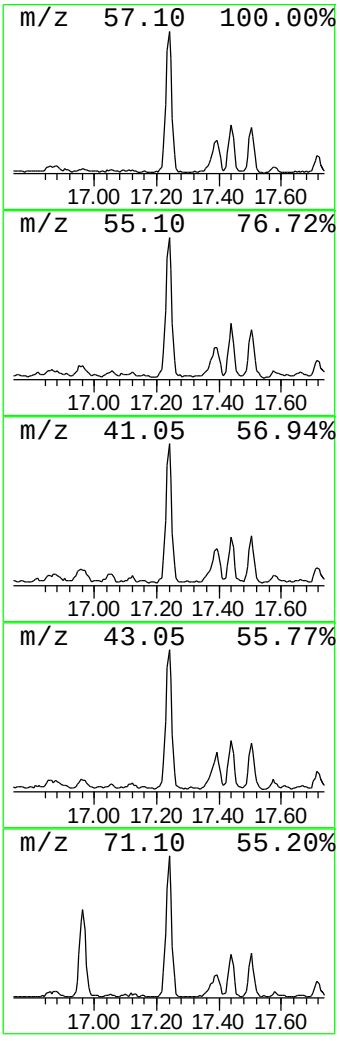
Peak Number 12 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	36.51 ng/ul	2959370	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	25
2	S-(2-Methyl-3-furyl)-2-methylpro...	184	C9H12O2S	1000360-32-7	25
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	22
4	Oxalic acid, 2-ethylhexyl pentad...	412	C25H48O4	1000309-39-8	22
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	14





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Data File : BM008831.D
Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

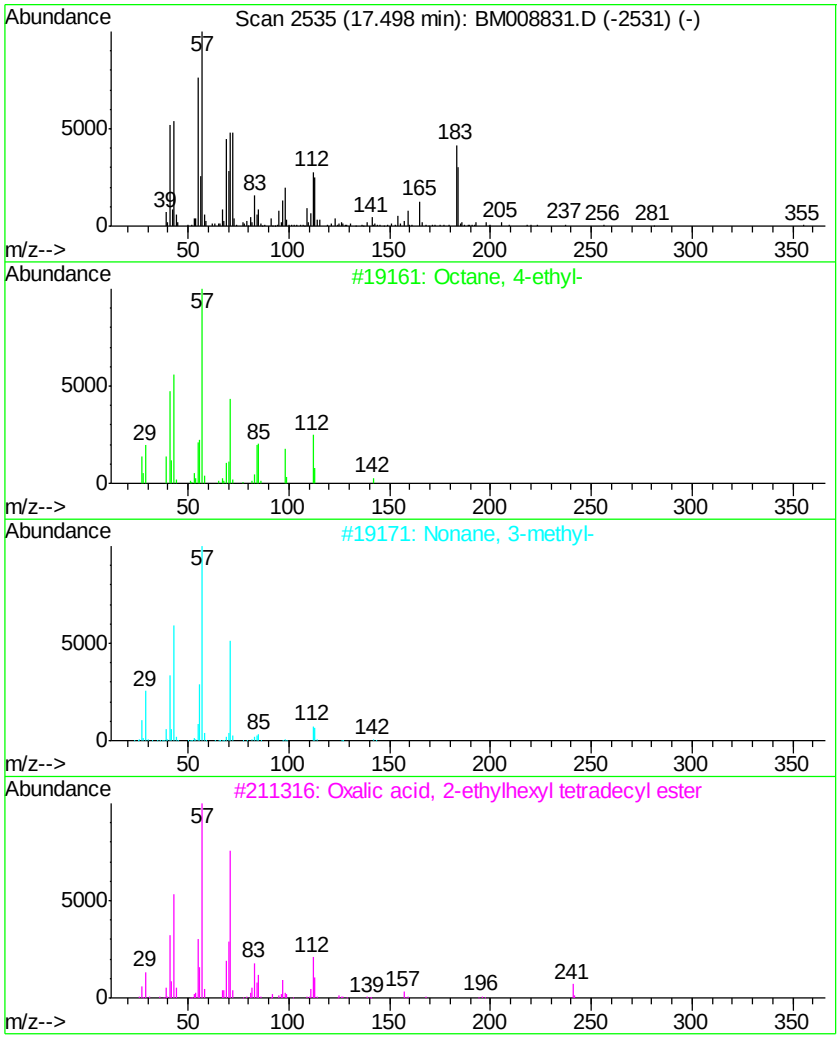
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

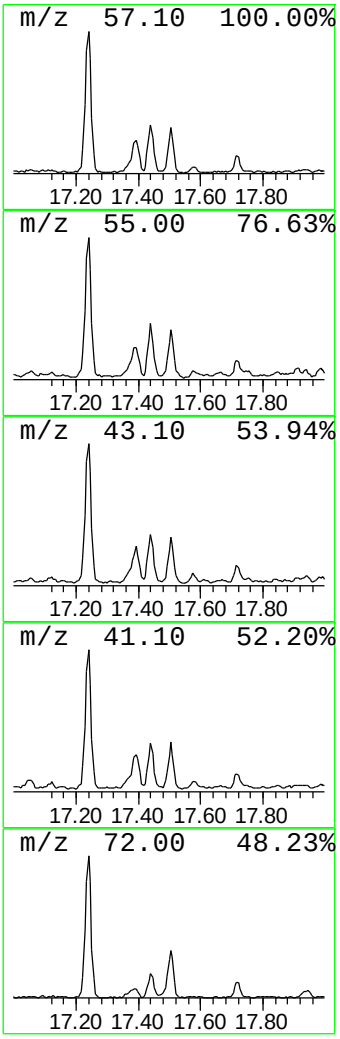
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	11.37 ng/ul	921506	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	27
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	22
3	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	22
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	18
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	14





Tentatively Identified Compound (LSC) summary

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Data File : BM008831.D
Acq On : 24 Jan 2017 08:56
Operator : UM/SJ
Sample : I1323-22DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7DL

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
2-Heptanone, 4,6-...	7.35	2.1	ng/ul	1551460	1	7.93	14561600	20.0
1-Hexanol, 2-ethyl-	8.00	20.0	ng/ul	14561600	1	7.93	14561600	20.0
Cyclohexanone, 3,...	8.37	4.3	ng/ul	3159970	1	7.93	14561600	20.0
Hexanoic acid, 2-...	9.30	4.4	ng/ul	3185000	1	7.93	14561600	20.0
2-Cyclohexen-1-on...	12.54	17.7	ng/ul	886589	2	10.74	1001610	20.0
Naphthalene, 1-me...	12.62	20.1	ng/ul	1009190	2	10.74	1001610	20.0
Phenol, 3,4-dichl...	13.26	15.2	ng/ul	1107240	3	14.57	1454460	20.0
(DEL) Alkane: Cyc...	14.47	149.6	ng/ul	10881800	3	14.57	1454460	20.0
unknown-01	15.30	11.7	ng/ul	851791	3	14.57	1454460	20.0
Phenol, 3,4,5-tri...	15.70	1071.9	ng/ul	77951500	3	14.57	1454460	20.0
unknown-02	17.24	36.5	ng/ul	2959370	4	17.32	1621120	20.0
(DEL) Alkane: Str...	17.50	11.4	ng/ul	921506	4	17.32	1621120	20.0