LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008823.D
Acq On : 24 Jan 2017 04:07
Operator : UM/SJ
Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5

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	7.363	806	812	820	rVB	9212312	13016283	2.28%	1.223%
2	8.016	914	923	927	rBV	16458706	29014680	5.07%	2.727%
3	8.381	978	985	996	rVB2	4067286	7831490	1.37%	0.736%
4	10.733	1378	1385	1390	rBV3	2569465	6878155	1.20%	0.646%
5	10.833	1390	1402	1409	rVB2	41857755	92019667	16.08%	8.648%
6	11.104	1443	1448	1452	rBV	5683155	9119598	1.59%	0.857%
7	11.239	1464	1471	1477	rVV2	2761422	5954126	1.04%	0.560%
8	12.410	1662	1670	1675	rBV	11882018	17798669	3.11%	1.673%
9	12.628	1698	1707	1712	rBV	6932869	11202860	1.96%	1.053%
10	13.080	1776	1784	1790	rBV	15868020	24499848	4.28%	2.303%
11	13.410	1834	1840	1852	rVB4	2999123	6989274	1.22%	0.657%
12	13.592	1862	1871	1887	rVV	21991243	37412751	6.54%	3.516%
13	14.545	2026	2033	2042	rBV2	3886962	8578616	1.50%	0.806%
14	14.763	2061	2070	2074	rVV2	3399525	6284789	1.10%	0.591%
15	14.974	2098	2106	2113	rBV	4441389	8342910	1.46%	0.784%
16	15.157	2131	2137	2141	rBV	10747458	15504232	2.71%	1.457%
17	15.280	2149	2158	2175	rVB3	3422341	12557898	2.20%	1.180%
18	15.627	2212	2217	2222	rVB	4016481	6474575	1.13%	0.609%
19	15.768	2222	2241	2247	rBV6	117864819	572087507	100.00%	53.768%
20	16.327	2325	2336	2343	rBV	7098078	10955507	1.92%	1.030%
21	17.010	2440	2452	2459	rBV3	64168270	144245454	25.21%	13.557%
22	17.374	2510	2514	2519	rVB	4624410	6567441	1.15%	0.617%
23	17.739	2571	2576	2581	rVB	7452486	10659712	1.86%	1.002%

Sum of corrected areas: 1063996042

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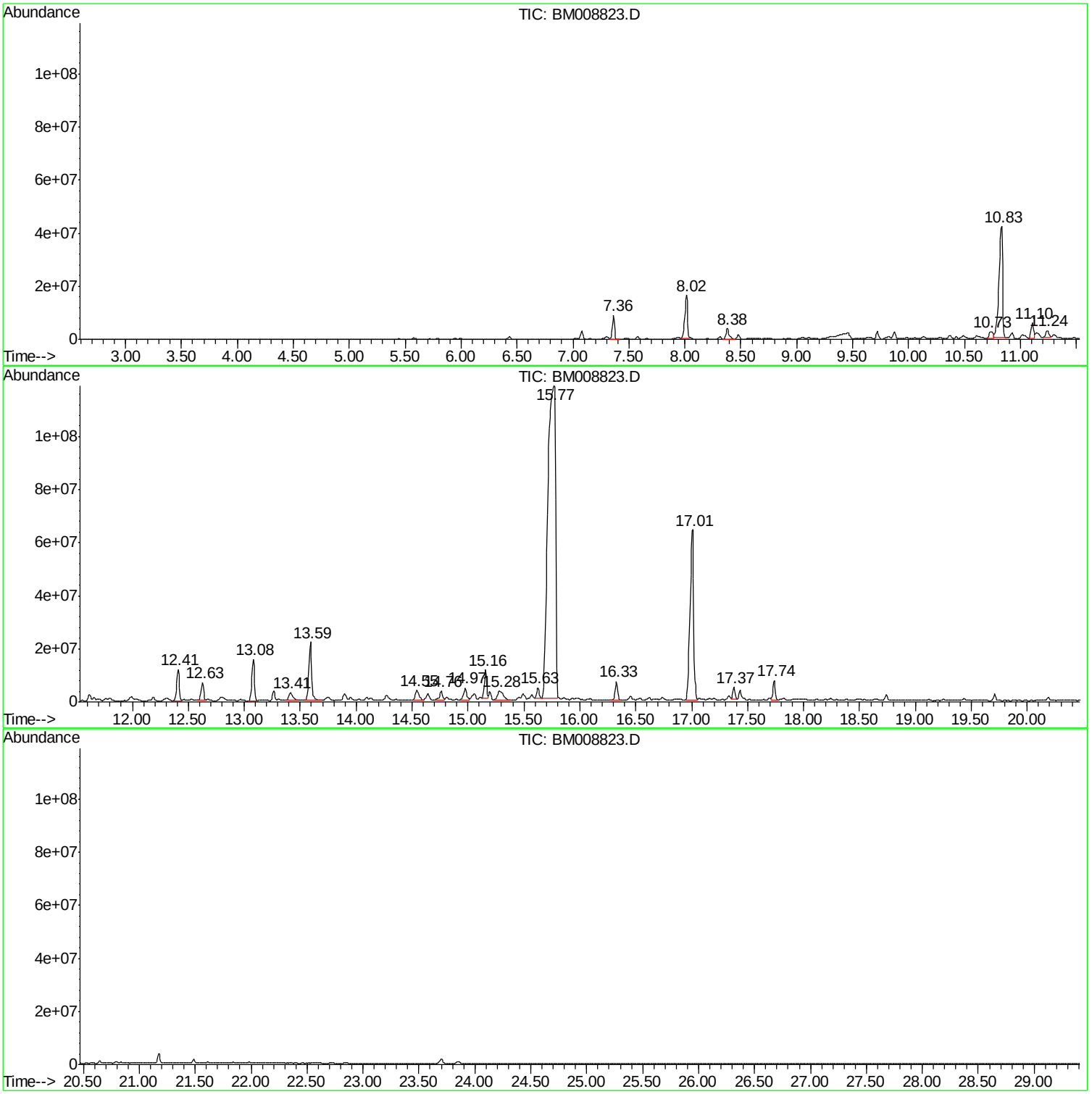
ClientSampleId : DA9Q5

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

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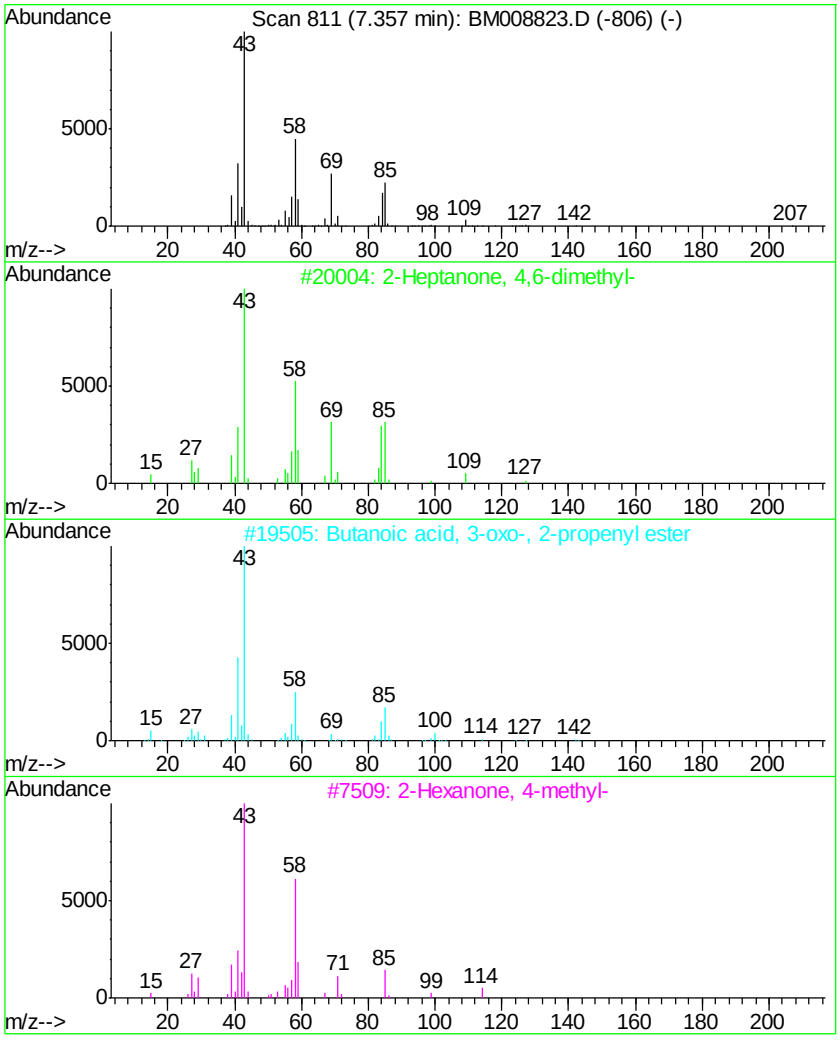
TIC Integration Parameters: LSCINT.P

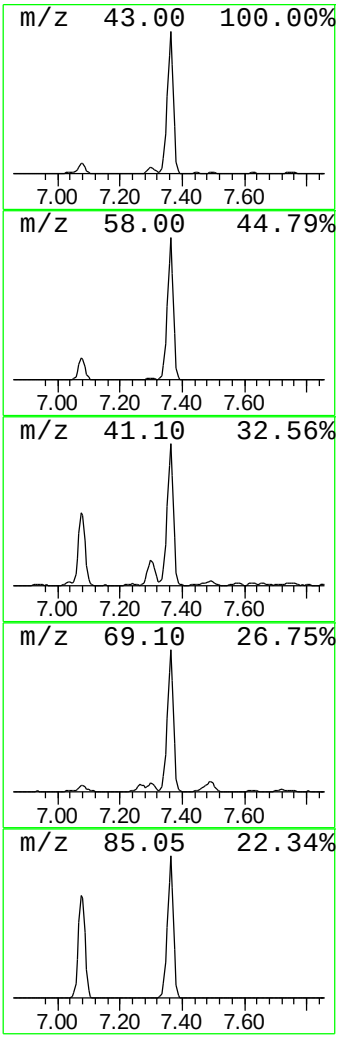
****

Peak Number 1 2-Heptanone, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	8.97 ng/ul	13016300	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	72
2	Butanoic acid, 3-oxo-, 2-propeny...	142	C7H10O3	001118-84-9	56
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	53
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50
5	2-Heptanone, 4-methyl-	128	C8H16O	006137-06-0	42





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Instrument : BNA_M
ClientSampleId : DA9Q5

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Quant Title : SVOA CALIBRATION

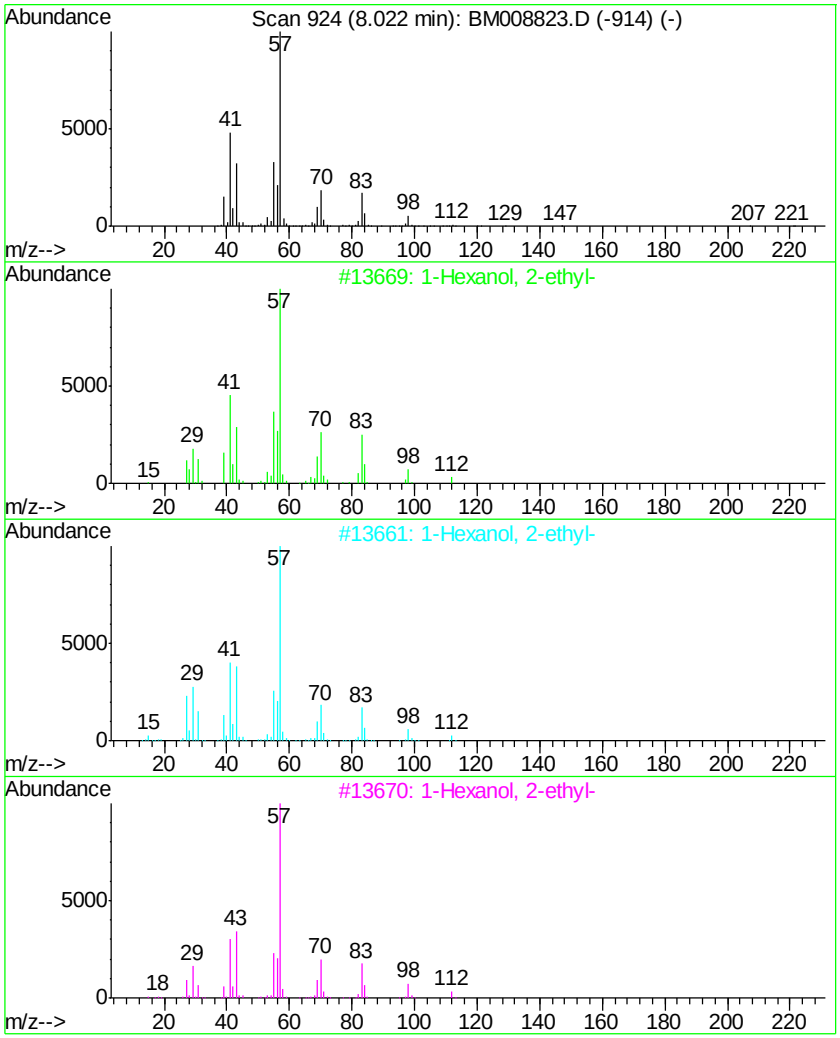
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

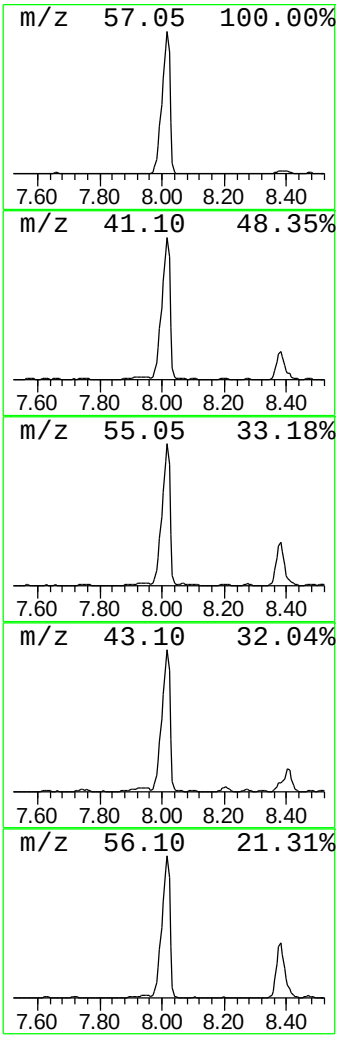
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	20.00 ng/ul	29014700	1,4-Dichlorobenzene-d4	7.94

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	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	56
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53





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Data File : BM008823.D
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Operator : UM/SJ
Sample : I1323-12
Misc :
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Instrument : BNA_M
ClientSampleId : DA9Q5

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

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TIC Integration Parameters: LSCINT.P

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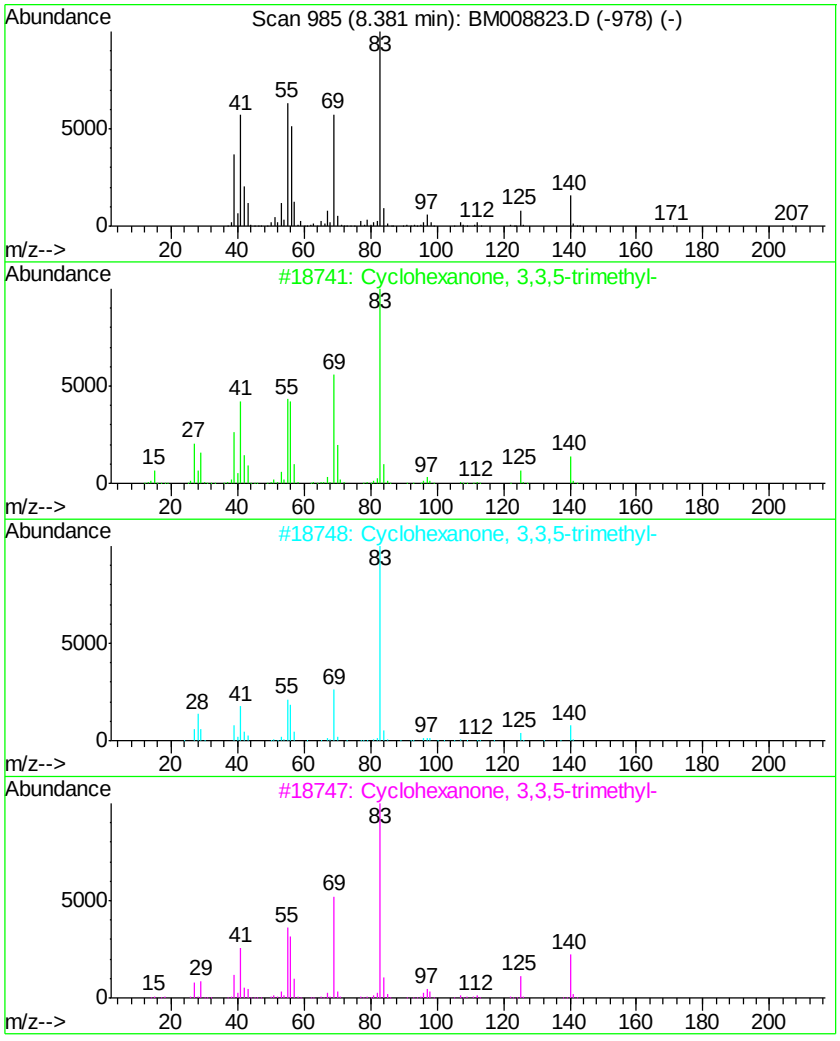
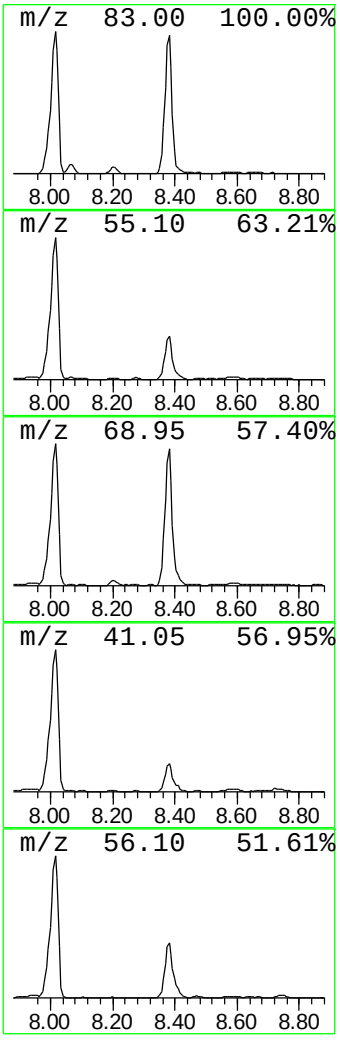
Peak Number 3 Cyclohexanone, 3,3,5-trimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	5.40 ng/ul	7831490	1,4-Dichlorobenzene-d4	7.94

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	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	50





Library Search Compound Report

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Operator : UM/SJ
Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5

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

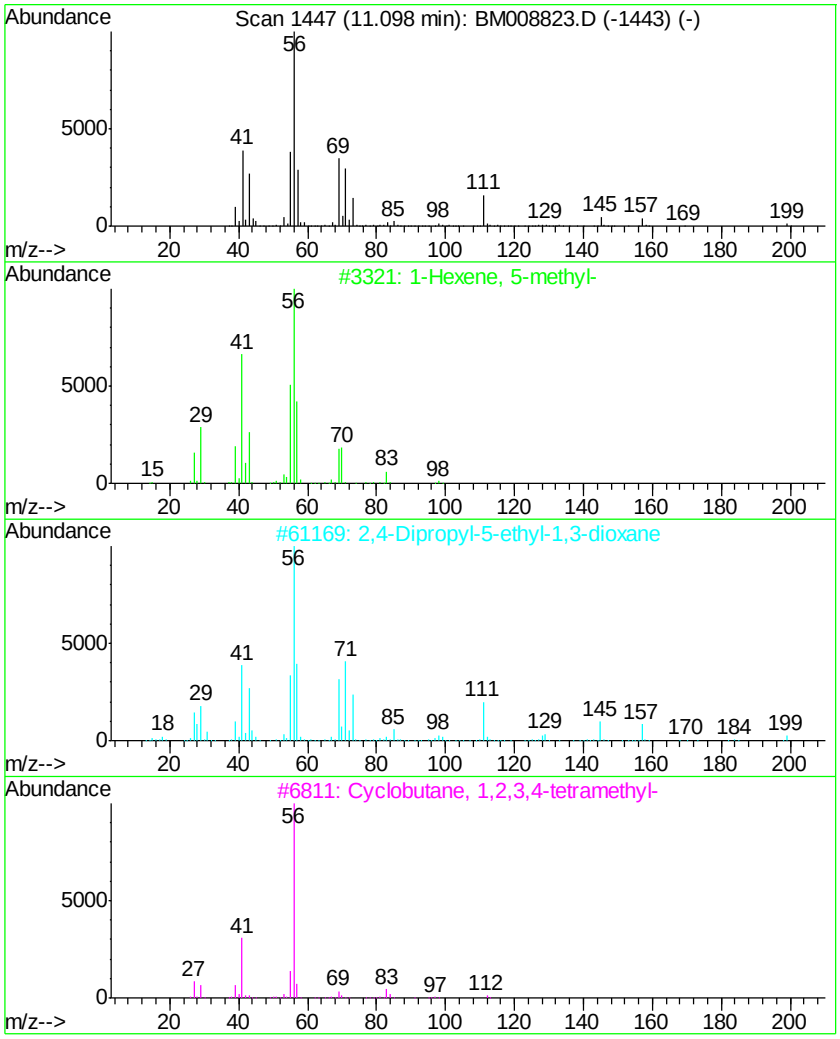
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

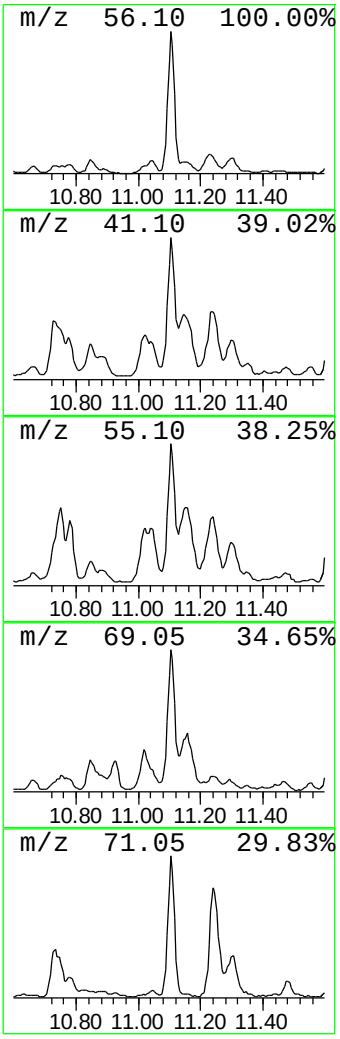
****

Peak Number 4 (DEL) Alkane: Cyclic11.10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	26.52 ng/ul	9119600	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
3	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	37
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	37
5	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	28





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Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5

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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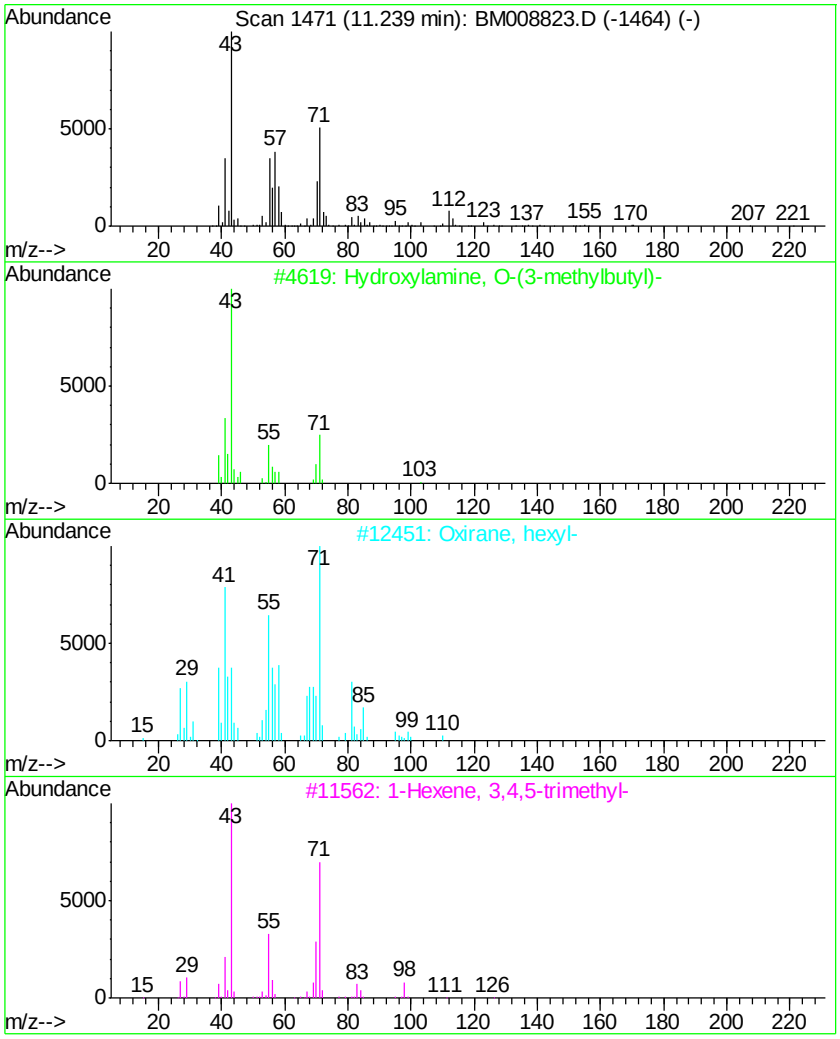
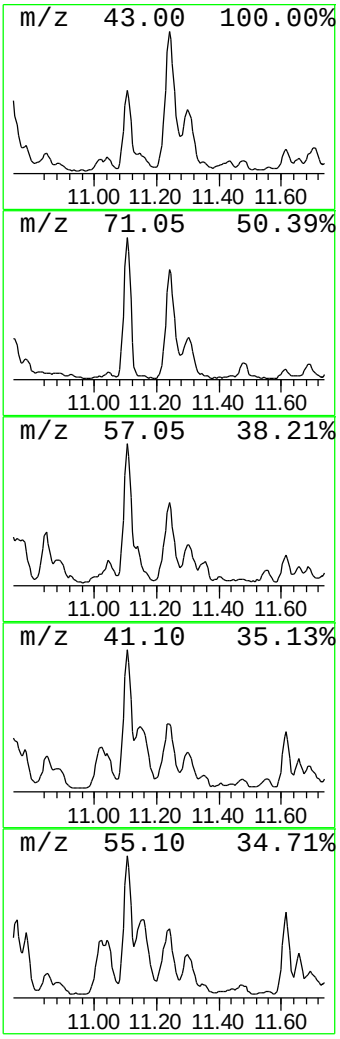
****

Peak Number 5 Hydroxylamine, O-(3-methylb... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	17.31 ng/ul	5954130	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	53
2	Oxirane, hexyl-	128	C8H16O	002984-50-1	45
3	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	38
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	38
5	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	37





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Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5

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

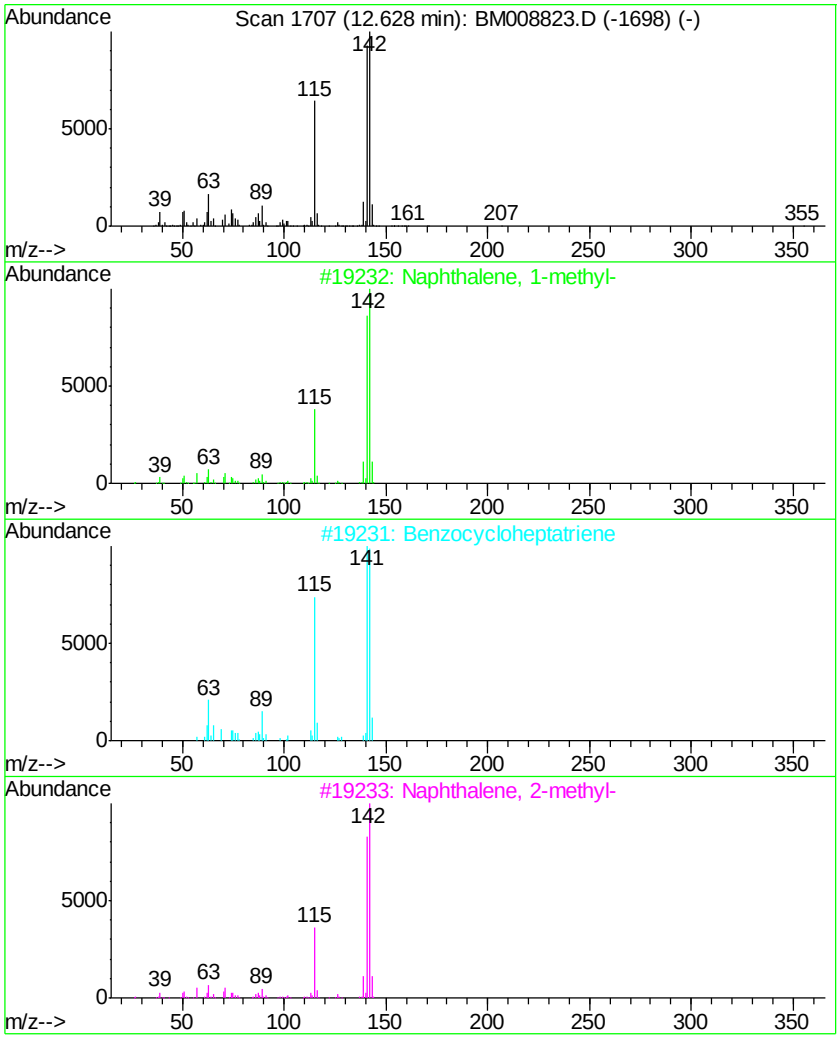
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

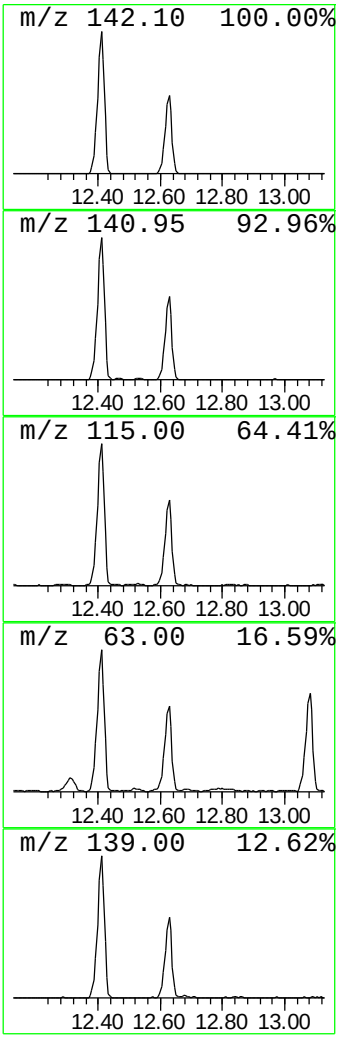
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	32.58 ng/ul	11202900	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Benzocycloheptatriene	142	C11H10	000264-09-5	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94





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ClientSampleId : DA9Q5

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Quant Title : SVOA CALIBRATION

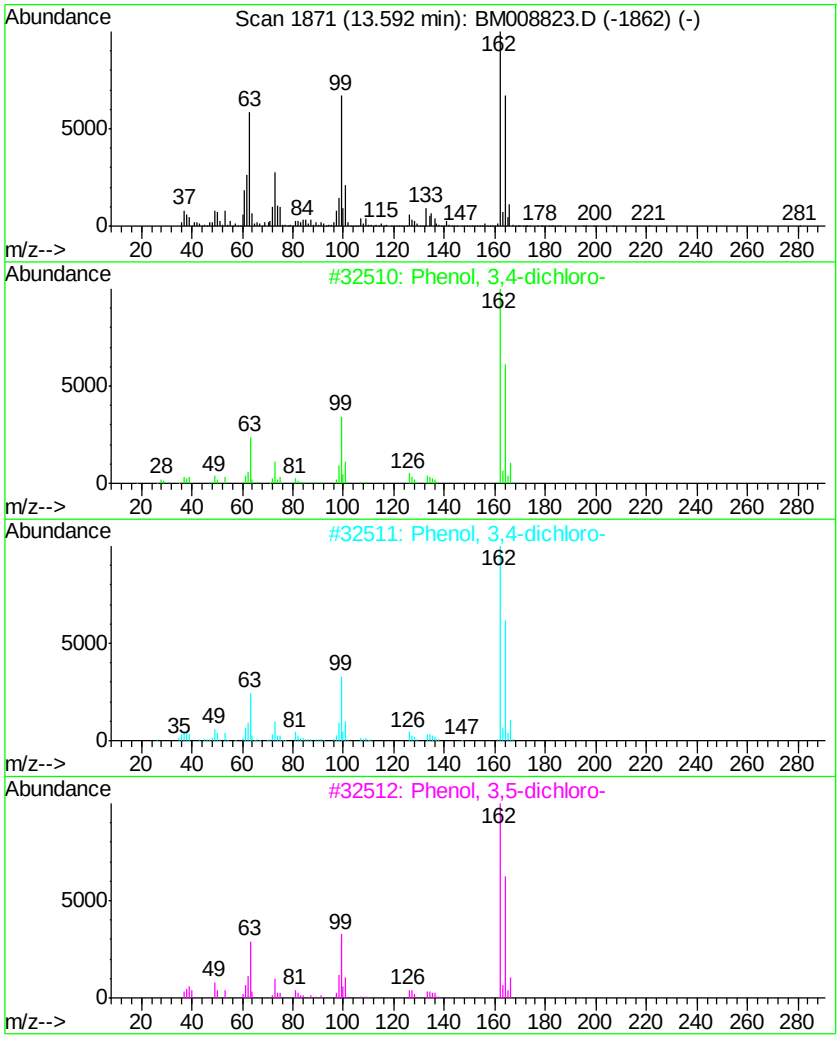
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

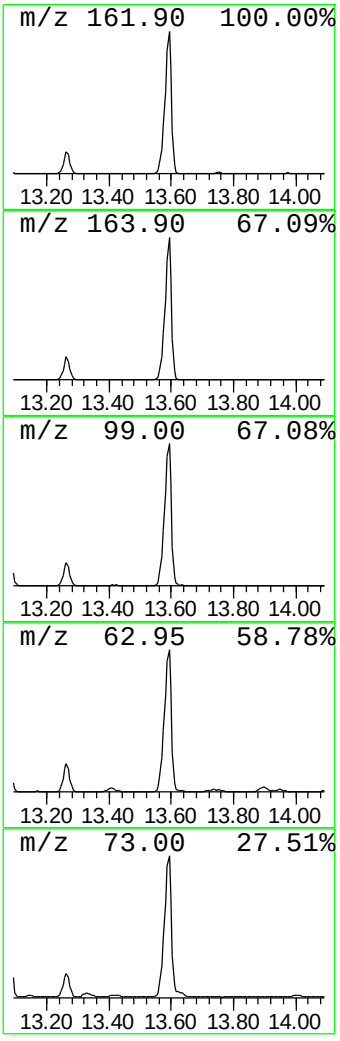
****

Peak Number 7 Phenol, 3,4-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	87.22 ng/ul	37412800	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, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	91
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90





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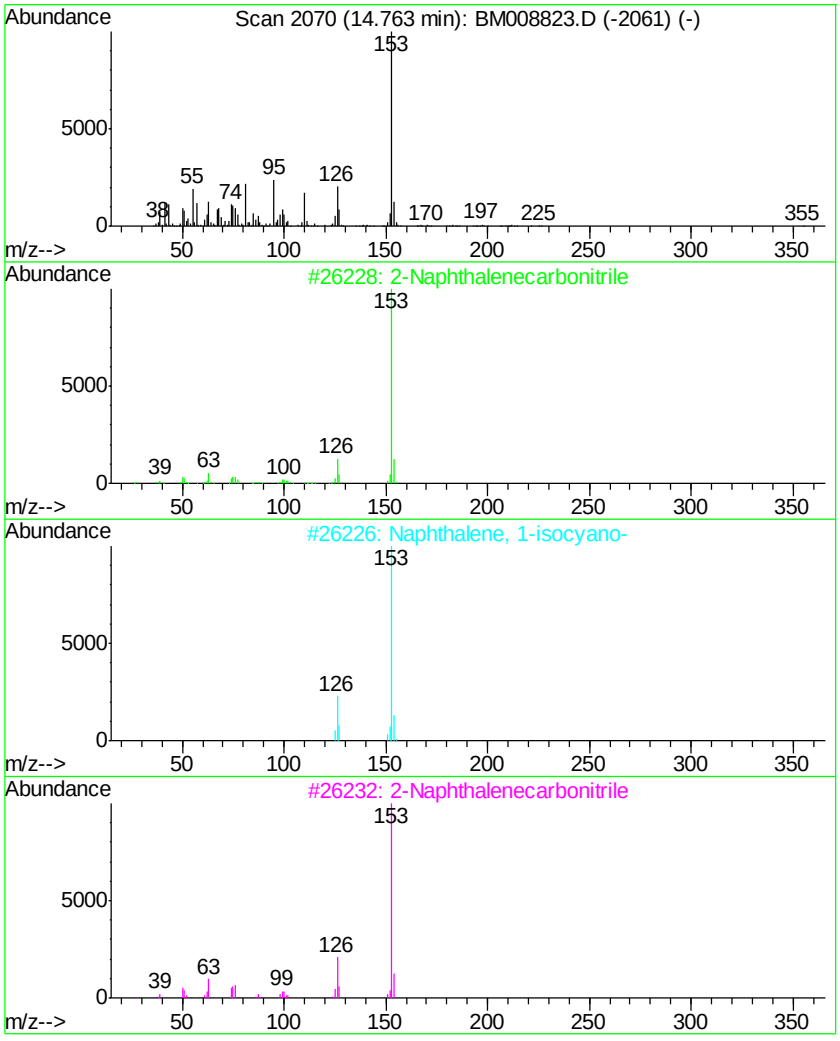
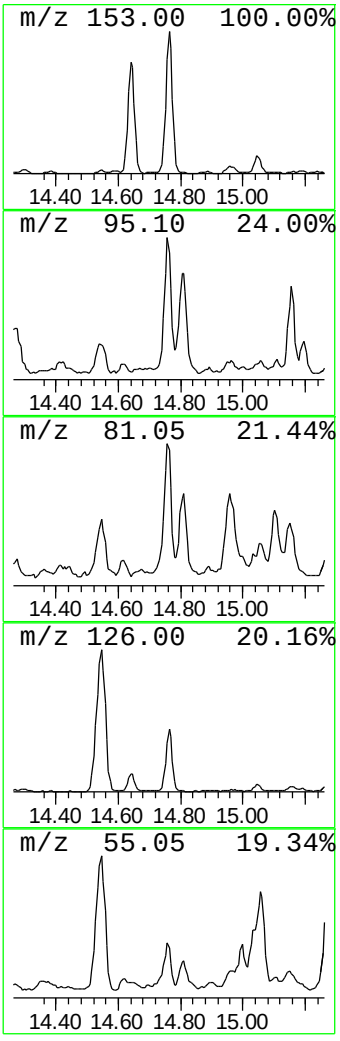
Peak Number 8 2-Naphthalenecarbonitrile Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	14.65 ng/ul	6284790	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	93
2	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	81
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	81
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	76





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Quant Title : SVOA CALIBRATION

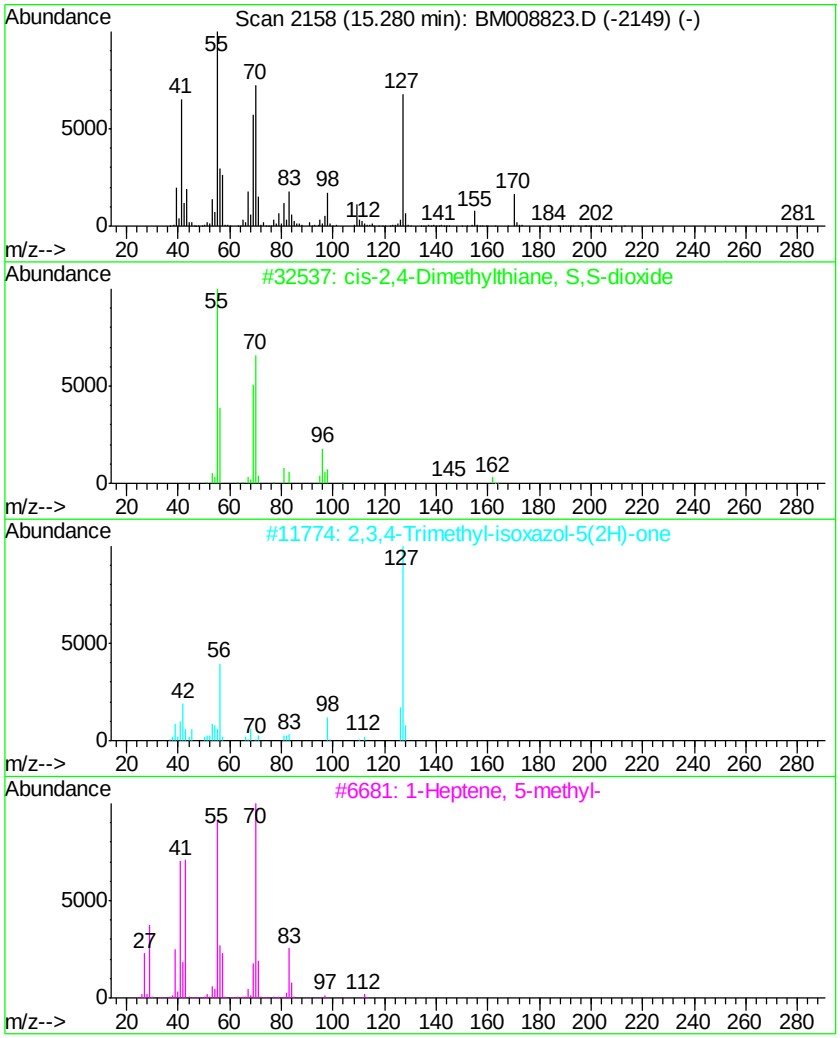
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

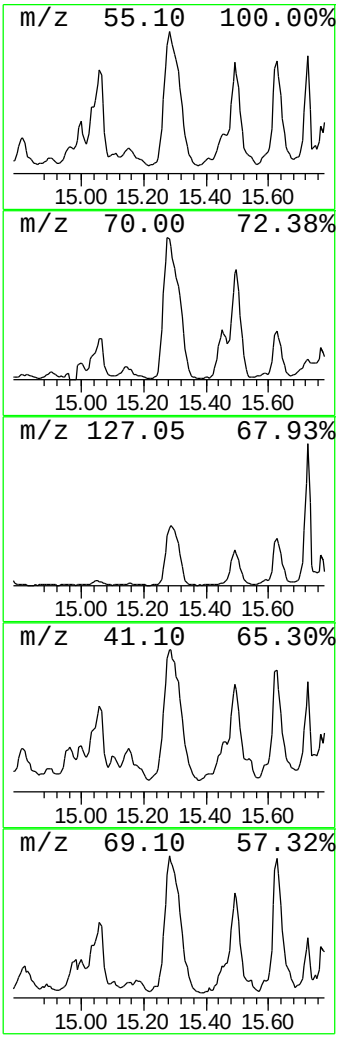
****

Peak Number 9 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	29.28 ng/ul	12557900	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,4-Dimethylthiane, S,S-dioxide	162	C7H14O2S	1000215-67-5	38
2	2,3,4-Trimethyl-isoxazol-5(2H)-one	127	C6H9NO2	007713-68-0	38
3	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	35
4	1-Heptene	98	C7H14	000592-76-7	30
5	Cycloheptane	98	C7H14	000291-64-5	27





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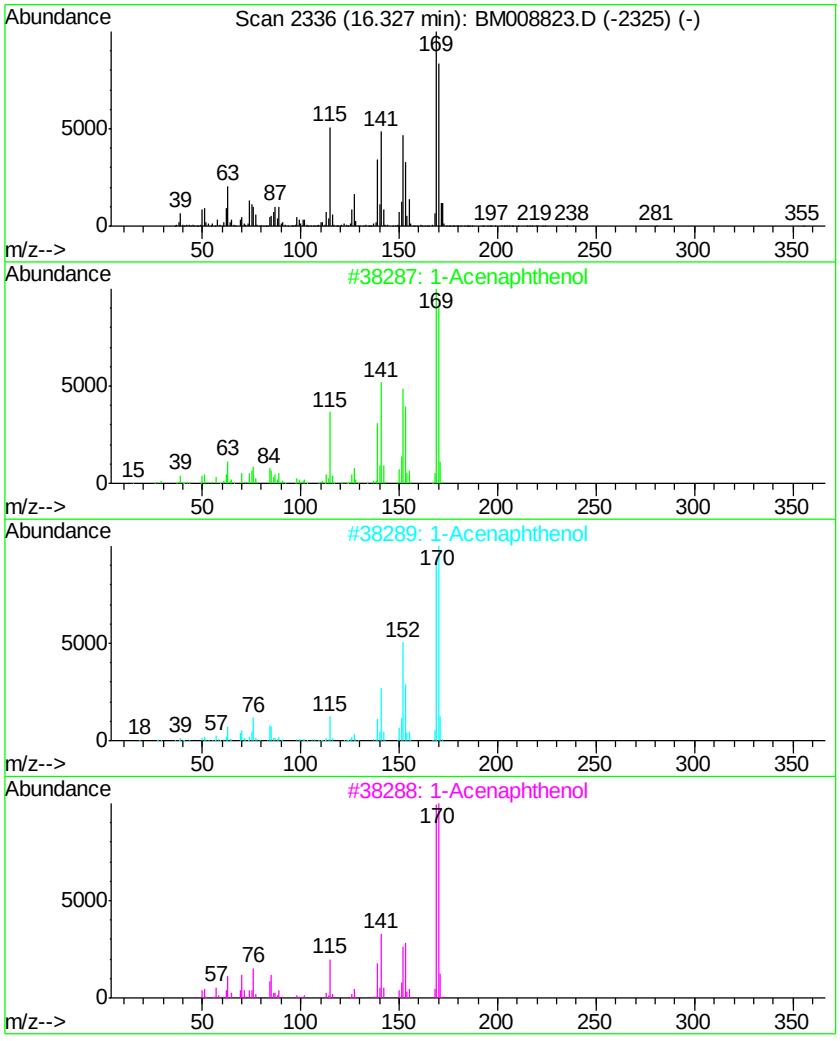
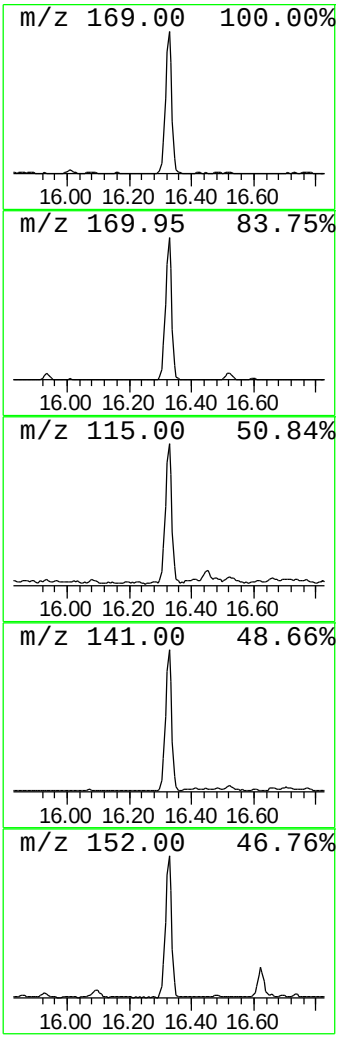
****

Peak Number 10 1-Acenaphthenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	33.36 ng/ul	10955500	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	97
2	1-Acenaphthenol	170	C12H10O	006306-07-6	93
3	1-Acenaphthenol	170	C12H10O	006306-07-6	93
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	89
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008823.D
Acq On : 24 Jan 2017 04:07
Operator : UM/SJ
Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5

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-...	7.36	9.0	ng/ul	13016300	1	7.94	29014700	20.0
1-Hexanol, 2-ethyl-	8.02	20.0	ng/ul	29014700	1	7.94	29014700	20.0
Cyclohexanone, 3,...	8.38	5.4	ng/ul	7831490	1	7.94	29014700	20.0
(DEL) Alkane: Cyc...	11.10	26.5	ng/ul	9119600	2	10.75	6878160	20.0
Hydroxylamine, O-...	11.24	17.3	ng/ul	5954130	2	10.75	6878160	20.0
Naphthalene, 1-me...	12.63	32.6	ng/ul	11202900	2	10.75	6878160	20.0
Phenol, 3,4-dichl...	13.59	87.2	ng/ul	37412800	3	14.57	8578620	20.0
2-Naphthalenecarb...	14.76	14.7	ng/ul	6284790	3	14.57	8578620	20.0
unknown-01	15.28	29.3	ng/ul	12557900	3	14.57	8578620	20.0
1-Acenaphthenol	16.33	33.4	ng/ul	10955500	4	17.33	6567440	20.0