LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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	7.351	805	810	817	rVB2	77729	112763	2.67%	0.871%
2	7.939	902	910	914	rBV2	336491	548002	12.99%	4.232%
3	7.987	914	918	925	rVB	147751	214637	5.09%	1.657%
4	8.363	976	982	987	rBV3	33423	56572	1.34%	0.437%
5	9.192	1117	1123	1129	rVB	51772	93447	2.22%	0.722%
6	10.739	1378	1386	1391	rBV	431530	759154	18.00%	5.862%
7	10.792	1391	1395	1401	rVB	315119	509254	12.07%	3.932%
8	11.010	1427	1432	1437	rBV4	39875	61947	1.47%	0.478%
9	11.098	1442	1447	1456	rVB3	41539	77333	1.83%	0.597%
10	11.233	1462	1470	1475	rVB2	35410	57867	1.37%	0.447%
11	12.398	1661	1668	1675	rBV2	84989	132968	3.15%	1.027%
12	12.616	1700	1705	1711	rVB2	53741	83472	1.98%	0.645%
13	13.069	1776	1782	1788	rBV2	95916	144150	3.42%	1.113%
14	13.569	1861	1867	1873	rBV	143405	218705	5.19%	1.689%
15	14.451	2013	2017	2022	rVB3	27626	45027	1.07%	0.348%
16	14.574	2031	2038	2043	rBV	601764	883958	20.96%	6.826%
17	14.627	2043	2047	2052	rVB5	29630	50633	1.20%	0.391%
18	14.880	2081	2090	2096	rBV4	34887	86868	2.06%	0.671%
19	14.939	2096	2100	2102	rVV3	33715	47506	1.13%	0.367%
20	14.968	2102	2105	2111	rVB6	35566	56799	1.35%	0.439%
21	15.151	2132	2136	2139	rVB4	53567	71947	1.71%	0.556%
22	15.192	2139	2143	2149	rVB5	42720	71472	1.69%	0.552%
23	15.680	2219	2226	2235	rBV	3026046	4217594	100.00%	32.567%
24	16.286	2325	2329	2334	rVB3	43503	56139	1.33%	0.433%
25	16.957	2435	2443	2450	rBV3	475545	737055	17.48%	5.691%
26	17.315	2498	2504	2509	rBV	783046	1132388	26.85%	8.744%
27	17.721	2565	2573	2580	rVB2	59260	92969	2.20%	0.718%
28	21.486	3208	3213	3220	rBV	1044823	1289123	30.57%	9.954%
29	23.850	3608	3615	3621	rVB	511307	1040575	24.67%	8.035%

Sum of corrected areas: 12950324

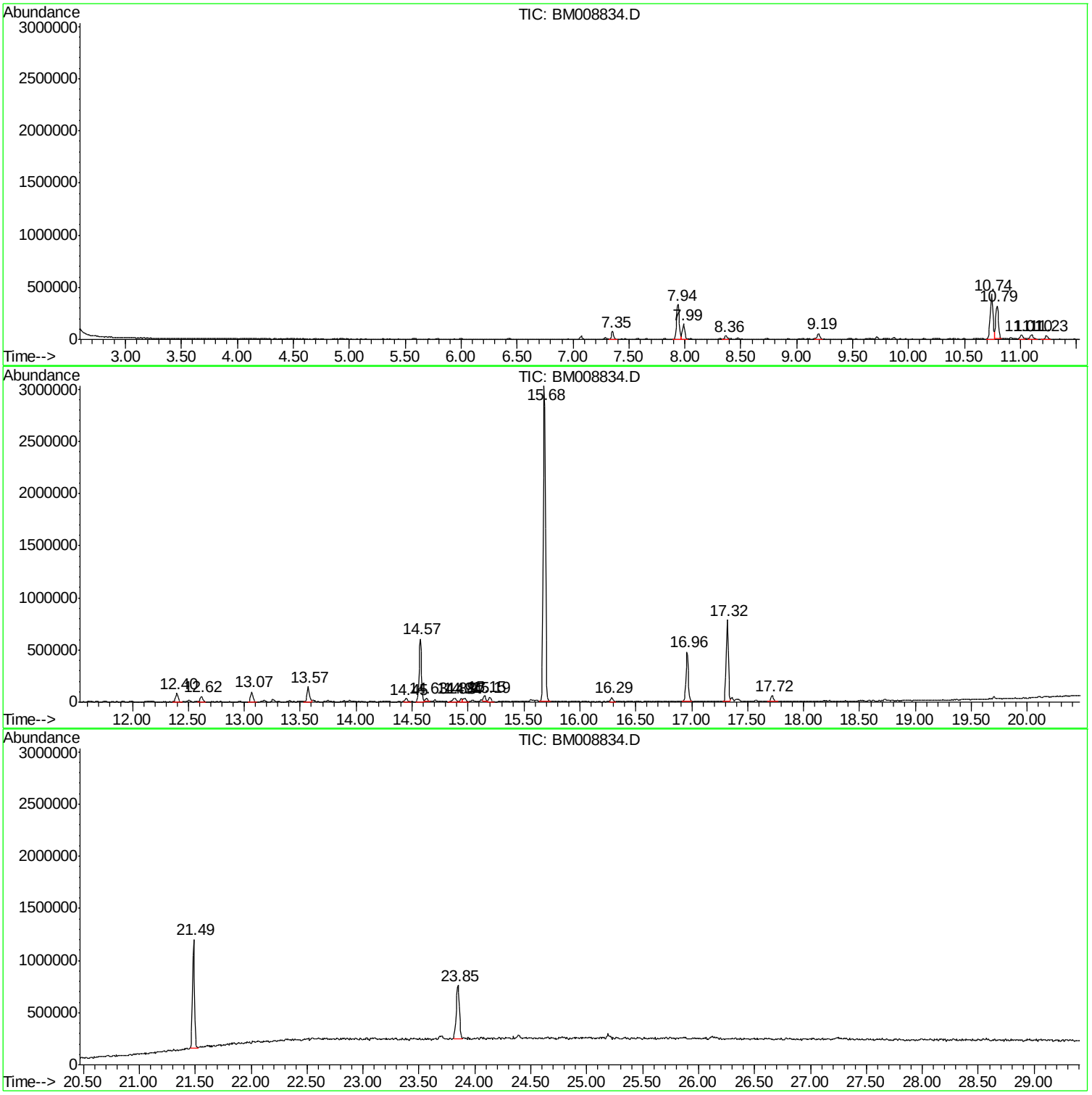
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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 : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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

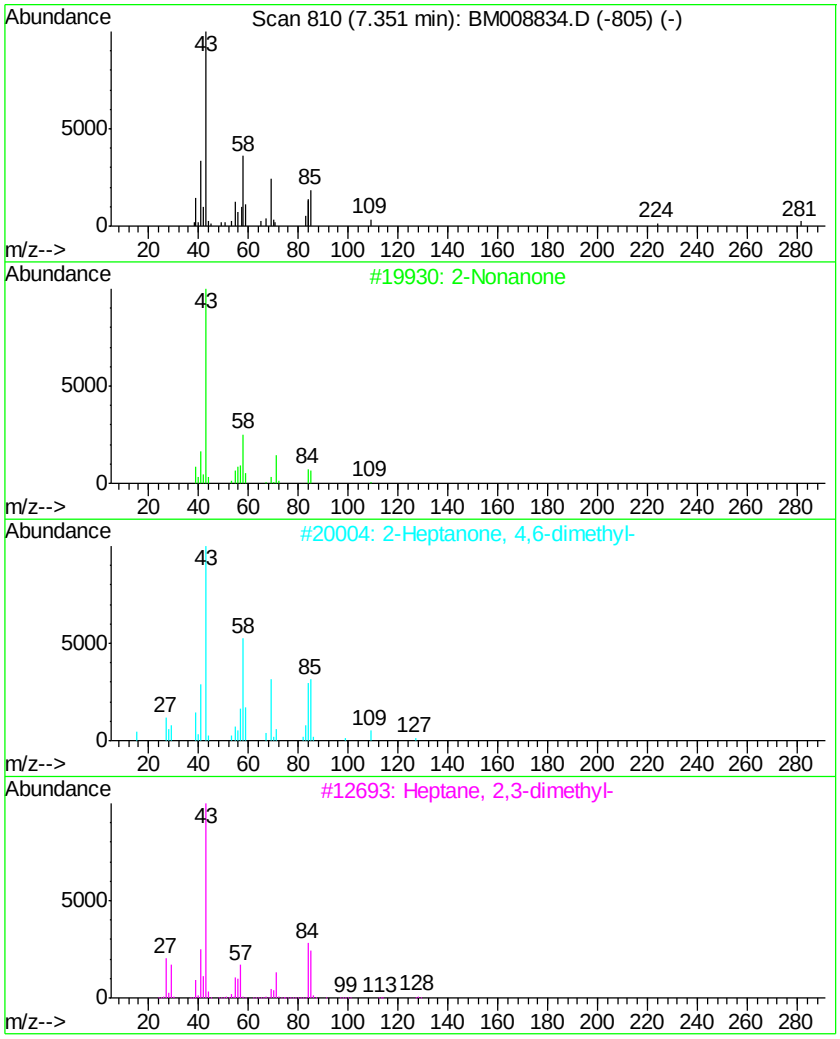
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

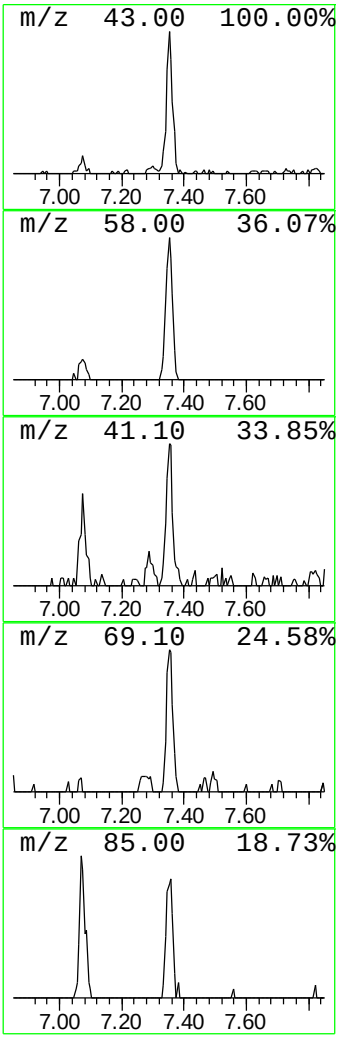
****

Peak Number 1 2-Nonanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	4.12 ng/ul	112763	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	59
2	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	53
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	35
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	35
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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

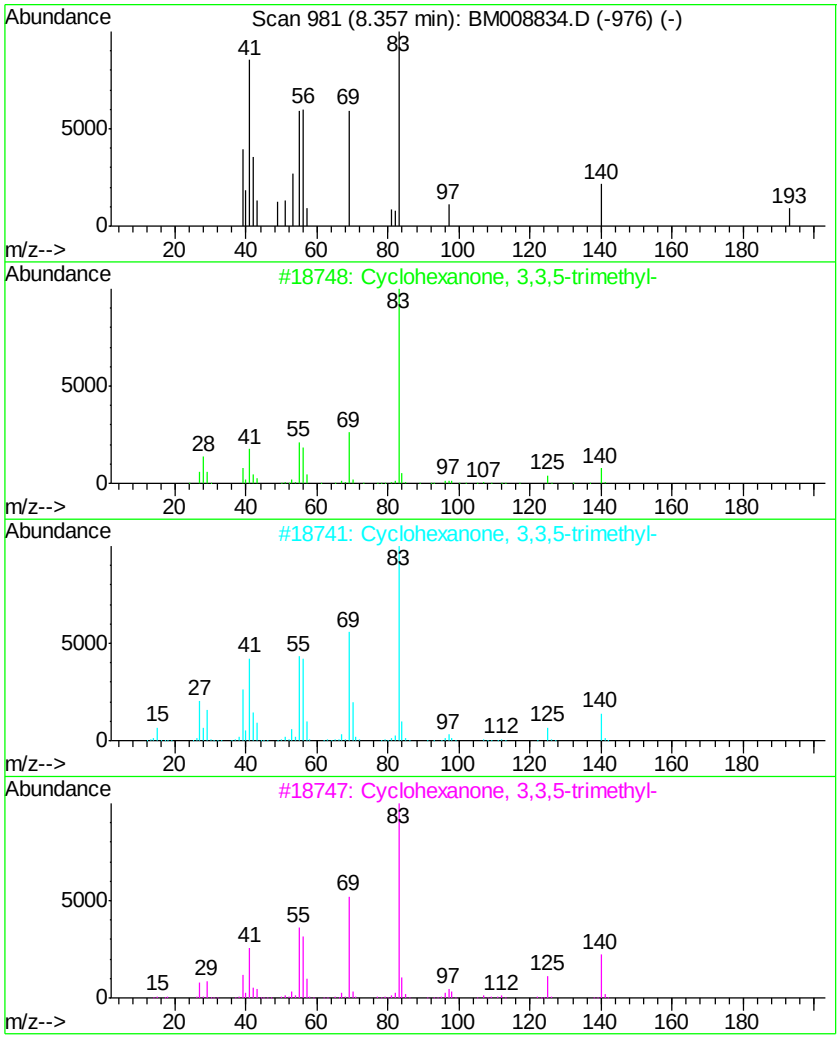
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

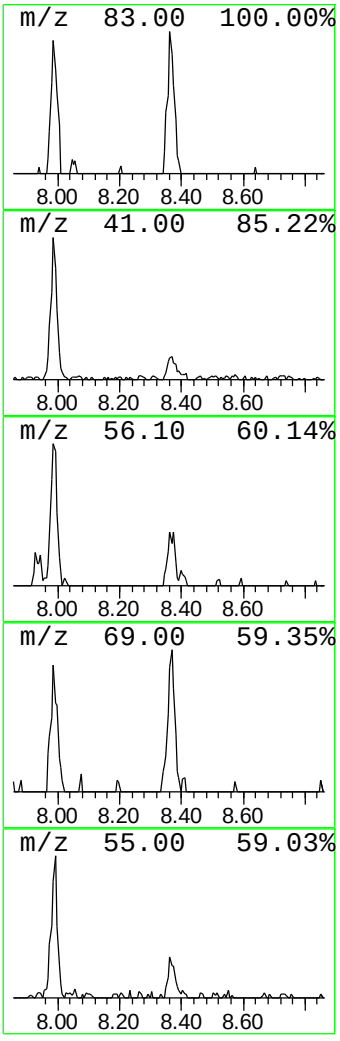
****

Peak Number 2 Cyclohexanone, 3,3,5-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	2.06 ng/ul	56572	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	78
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	78
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	64
4	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	53
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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

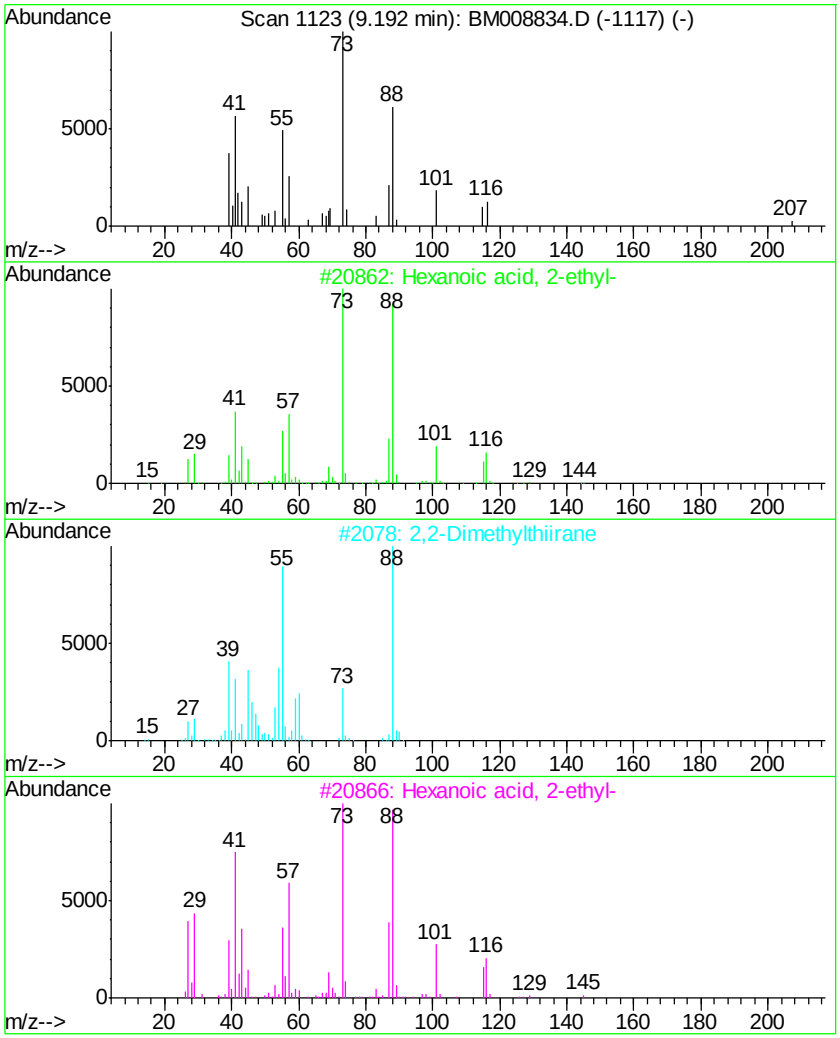
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

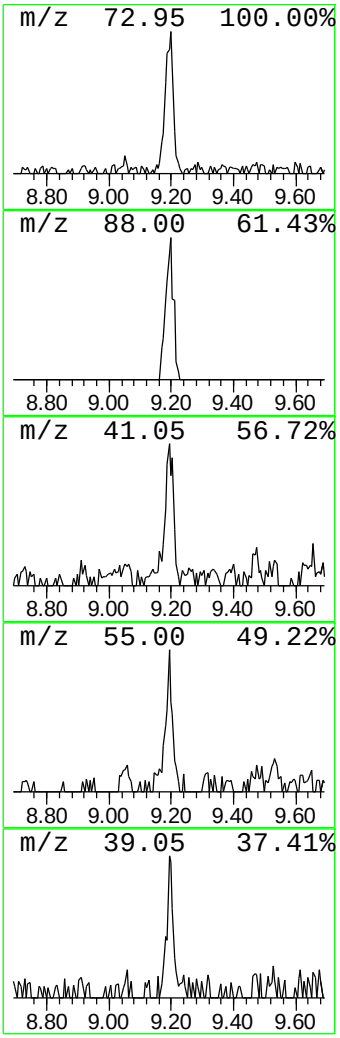
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	3.41 ng/ul	93447	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
2	2,2-Dimethylthiirane	88	C4H8S	003772-13-2	38
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	36
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	33
5	Propanoic acid, 3-hydroxy-2,2-di...	204	C10H20O4	001115-20-4	28





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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

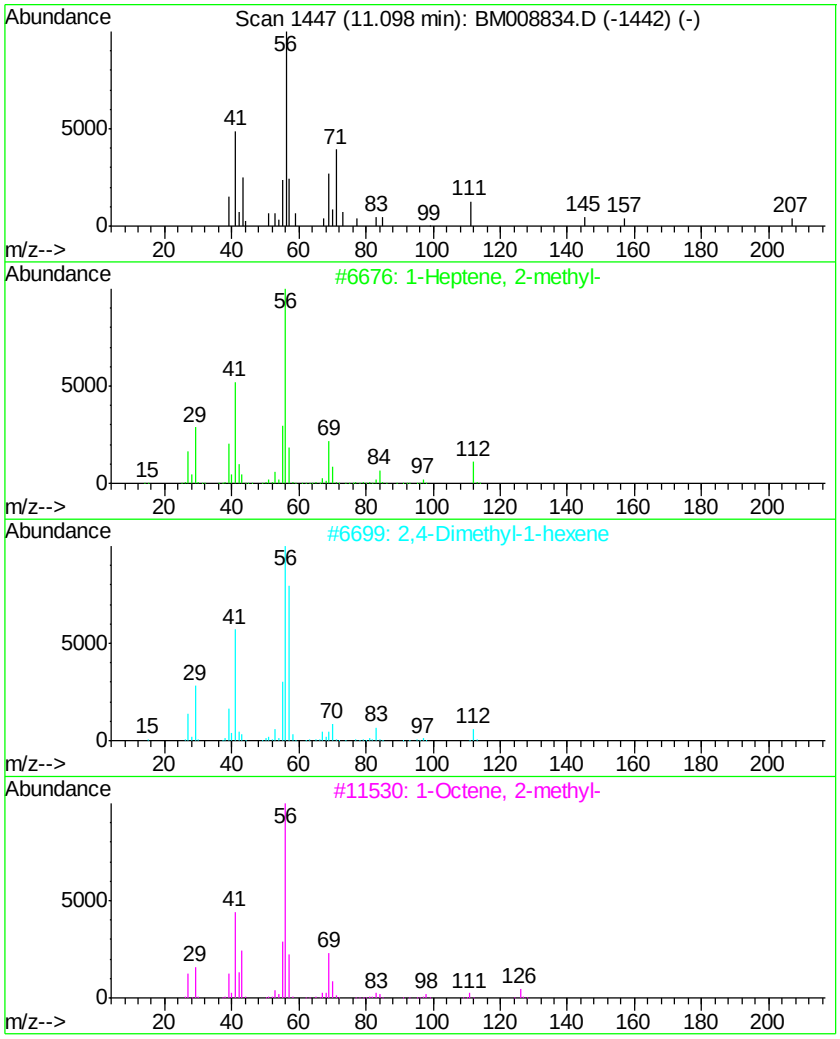
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

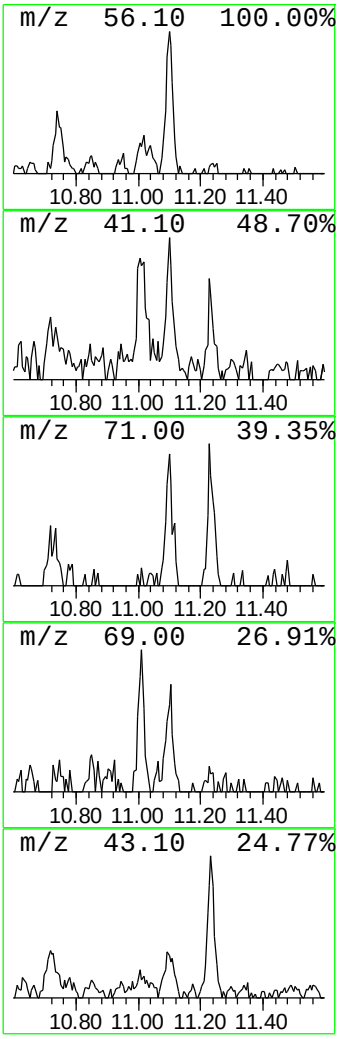
****

Peak Number 4 (DEL) Alkane: Cyclic11.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.04 ng/ul	77333	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38
2	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	38
3	1-Octene, 2-methyl-	126	C9H18	004588-18-5	37
4	1-Octene, 2-methyl-	126	C9H18	004588-18-5	37
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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

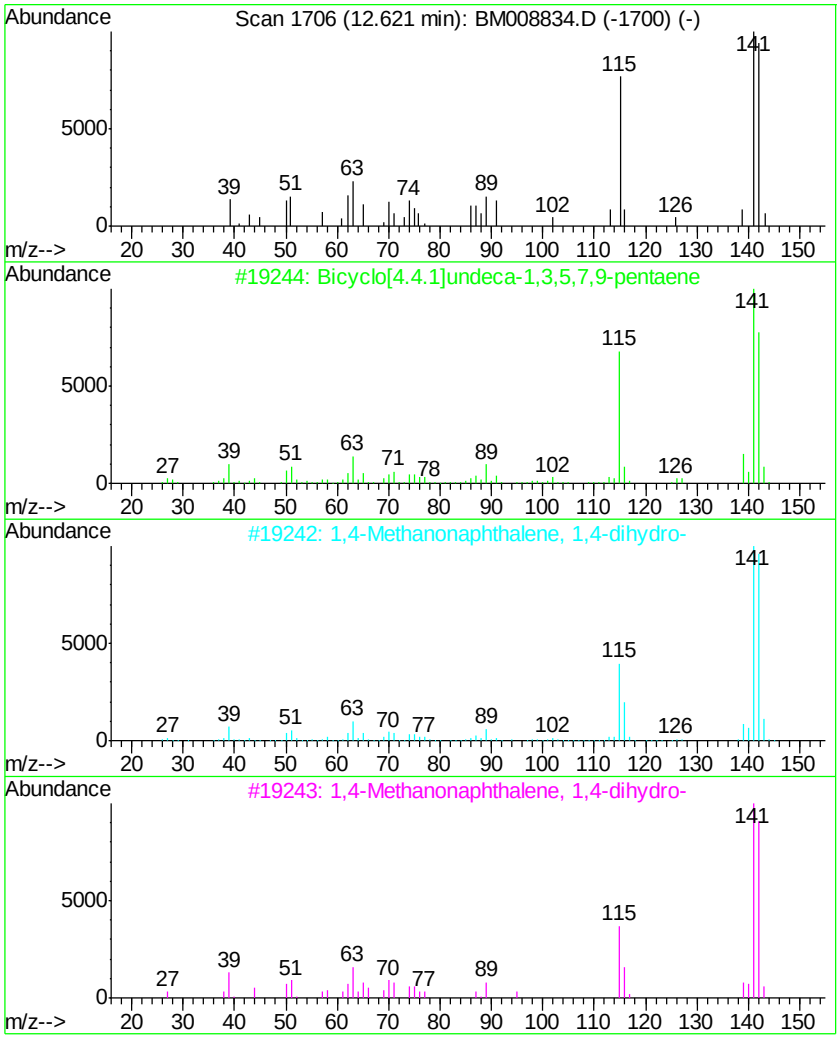
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

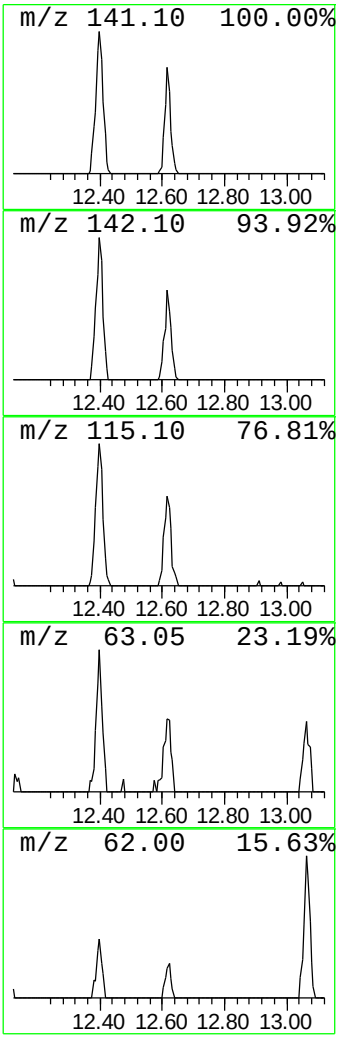
****

Peak Number 5 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.20 ng/ul	83472	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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

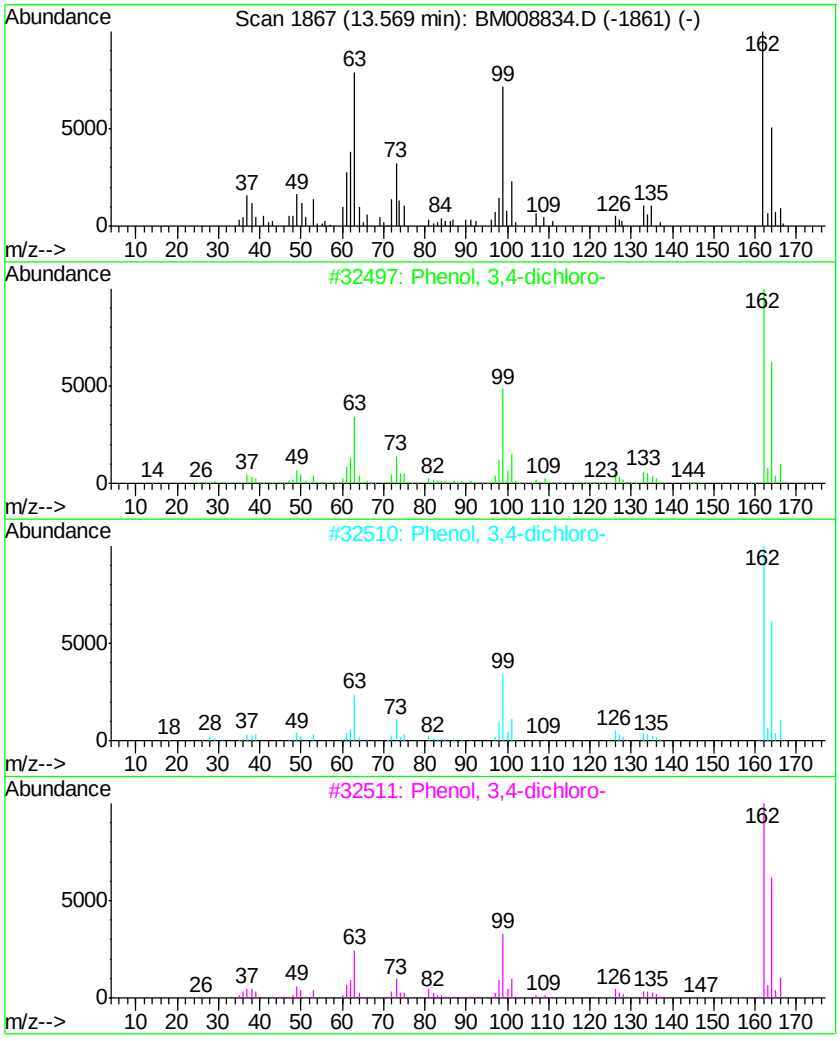
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

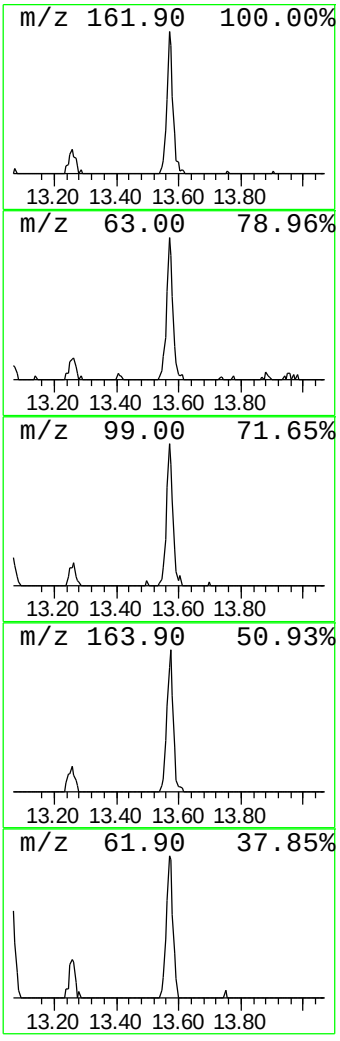
****

Peak Number 6 Phenol, 3,4-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	4.95 ng/ul	218705	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	95
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	93
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	87
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
Acq On : 24 Jan 2017 10:52
Operator : UM/SJ
Sample : I1323-12DL2 100X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9Q5DL2

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

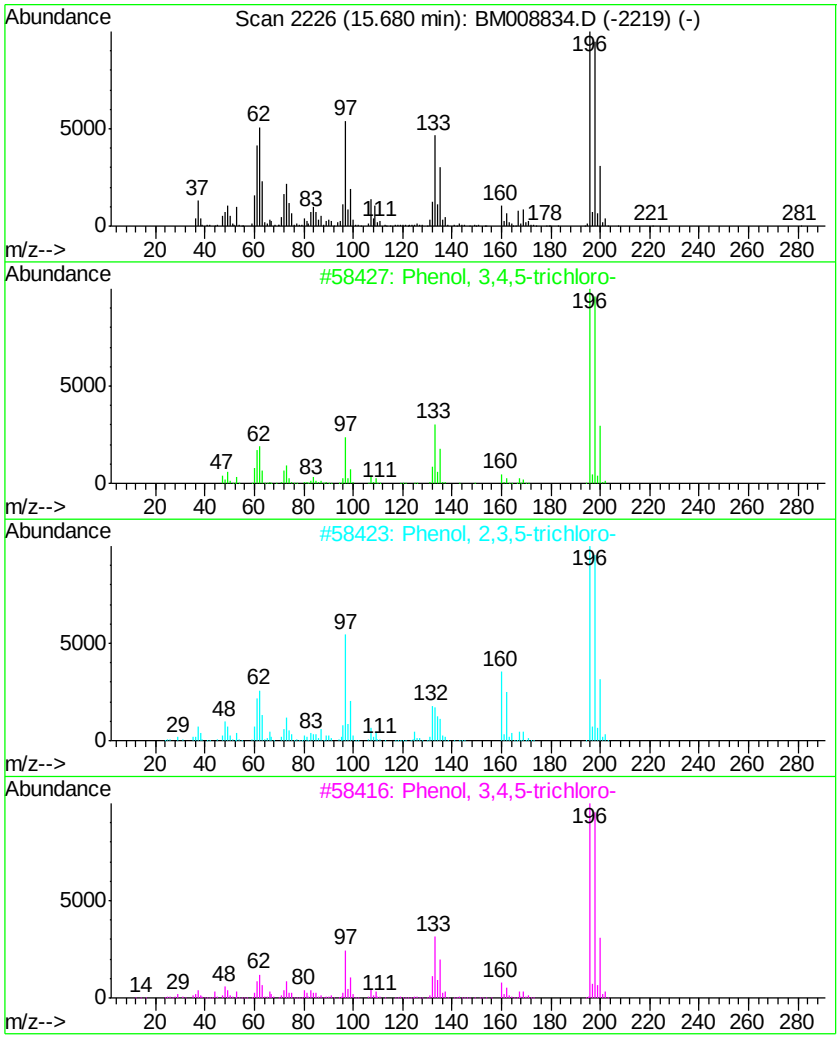
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

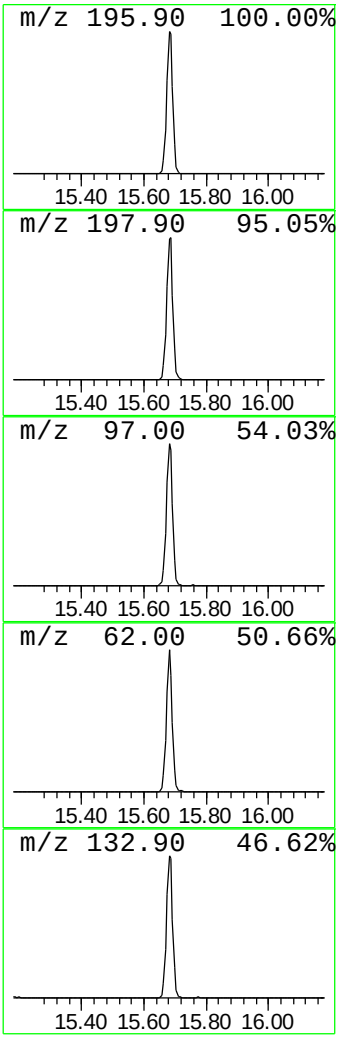
****

Peak Number 7 Phenol, 3,4,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	95.43 ng/ul	4217590	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	89
4	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	70
5	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008834.D
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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-Nonanone	7.35	4.1	ng/ul	112763	1	7.94	548002	20.0
Cyclohexanone, 3,...	8.36	2.1	ng/ul	56572	1	7.94	548002	20.0
Hexanoic acid, 2-...	9.19	3.4	ng/ul	93447	1	7.94	548002	20.0
(DEL) Alkane: Cyc...	11.10	2.0	ng/ul	77333	2	10.74	759154	20.0
Bicyclo[4.4.1]und...	12.62	2.2	ng/ul	83472	2	10.74	759154	20.0
Phenol, 3,4-dichl...	13.57	5.0	ng/ul	218705	3	14.57	883958	20.0
Phenol, 3,4,5-tri...	15.68	95.4	ng/ul	4217590	3	14.57	883958	20.0