LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM090817MA.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	5.287	331	340	357	rBV2	68134011	132095979	50.95%	14.687%
2	6.057	464	471	486	rBV	711706	1234398	0.48%	0.137%
3	7.122	646	652	666	rBV2	412889	1024726	0.40%	0.114%
4	7.298	674	682	694	rBV	1784545	2901417	1.12%	0.323%
5	7.498	709	716	734	rBV2	1642683	3365997	1.30%	0.374%
6	7.869	769	779	791	rBV	27943150	49114098	18.95%	5.461%
7	8.040	791	808	822	rVV5	69526893	194072740	74.86%	21.578%
8	8.381	848	866	870	rBV6	70553753	259243974	100.00%	28.824%
9	8.663	908	914	928	rVB	1206797	2013954	0.78%	0.224%
10	9.134	986	994	997	rBV	2006927	3516469	1.36%	0.391%
11	9.187	997	1003	1019	rVB	14624024	23984129	9.25%	2.667%
12	9.469	1044	1051	1058	rBV	205345	367310	0.14%	0.041%
13	9.586	1064	1071	1083	rVB	845783	1438269	0.55%	0.160%
14	9.798	1100	1107	1111	rBV2	301715	584095	0.23%	0.065%
15	9.857	1111	1117	1134	rVB	1679938	3042164	1.17%	0.338%
16	10.392	1200	1208	1215	rBV	2352471	4325689	1.67%	0.481%
17	10.457	1215	1219	1229	rVB	597931	1028318	0.40%	0.114%
18	10.557	1229	1236	1242	rBV	516710	909750	0.35%	0.101%
19	10.645	1242	1251	1259	rBV	38583317	67969742	26.22%	7.557%
20	10.781	1267	1274	1285	rVB	2166124	3594374	1.39%	0.400%
21	10.886	1285	1292	1301	rBV2	260531	682899	0.26%	0.076%
22	11.163	1329	1339	1353	rBV	15890724	26798430	10.34%	2.980%
23	11.328	1360	1367	1369	rBV	222034	369183	0.14%	0.041%
24	11.375	1369	1375	1381	rVV	5551808	9052327	3.49%	1.006%
25	11.586	1404	1411	1422	rBV	1295913	2308211	0.89%	0.257%
26	12.069	1479	1493	1502	rBV3	126808	261750	0.10%	0.029%
27	12.792	1612	1616	1625	rVB	831851	1378577	0.53%	0.153%
28	13.404	1713	1720	1732	rBV2	3503712	6367158	2.46%	0.708%
29	13.610	1749	1755	1772	rVB2	1772857	3271151	1.26%	0.364%
30	14.004	1814	1822	1827	rBV	4786882	7048832	2.72%	0.784%
31	14.057	1827	1831	1840	rVB6	140340	263572	0.10%	0.029%
32	14.292	1858	1871	1878	rBV	5307173	7895738	3.05%	0.878%
33	14.598	1912	1923	1934	rBV2	3155119	5041639	1.94%	0.561%
34	14.780	1949	1954	1965	rBV	298316	577203	0.22%	0.064%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM090817MA.M
Title : SVOA CALIBRATION

35	15.586	2084	2091	2100	rBV	7068339	10014379	3.86%	1.113%
36	15.698	2104	2110	2124	rVV	2710156	3717397	1.43%	0.413%
37	17.339	2382	2389	2398	rBV	4074049	5609644	2.16%	0.624%
38	17.439	2398	2406	2422	rVV	8298665	11679506	4.51%	1.299%
39	19.721	2788	2794	2804	rBV	10214381	13805133	5.33%	1.535%
40	21.503	3091	3097	3104	rBV	4824128	6317751	2.44%	0.702%
41	23.103	3366	3369	3375	rVB	249581	394959	0.15%	0.044%
42	23.721	3466	3474	3489	rBV2	6723777	13279906	5.12%	1.477%
43	23.874	3493	3500	3509	rVB	2845254	5611586	2.16%	0.624%
44	24.409	3586	3591	3598	rVB	410519	790684	0.30%	0.088%
45	25.215	3723	3728	3738	rVB	455731	1041680	0.40%	0.116%

Sum of corrected areas: 899406887

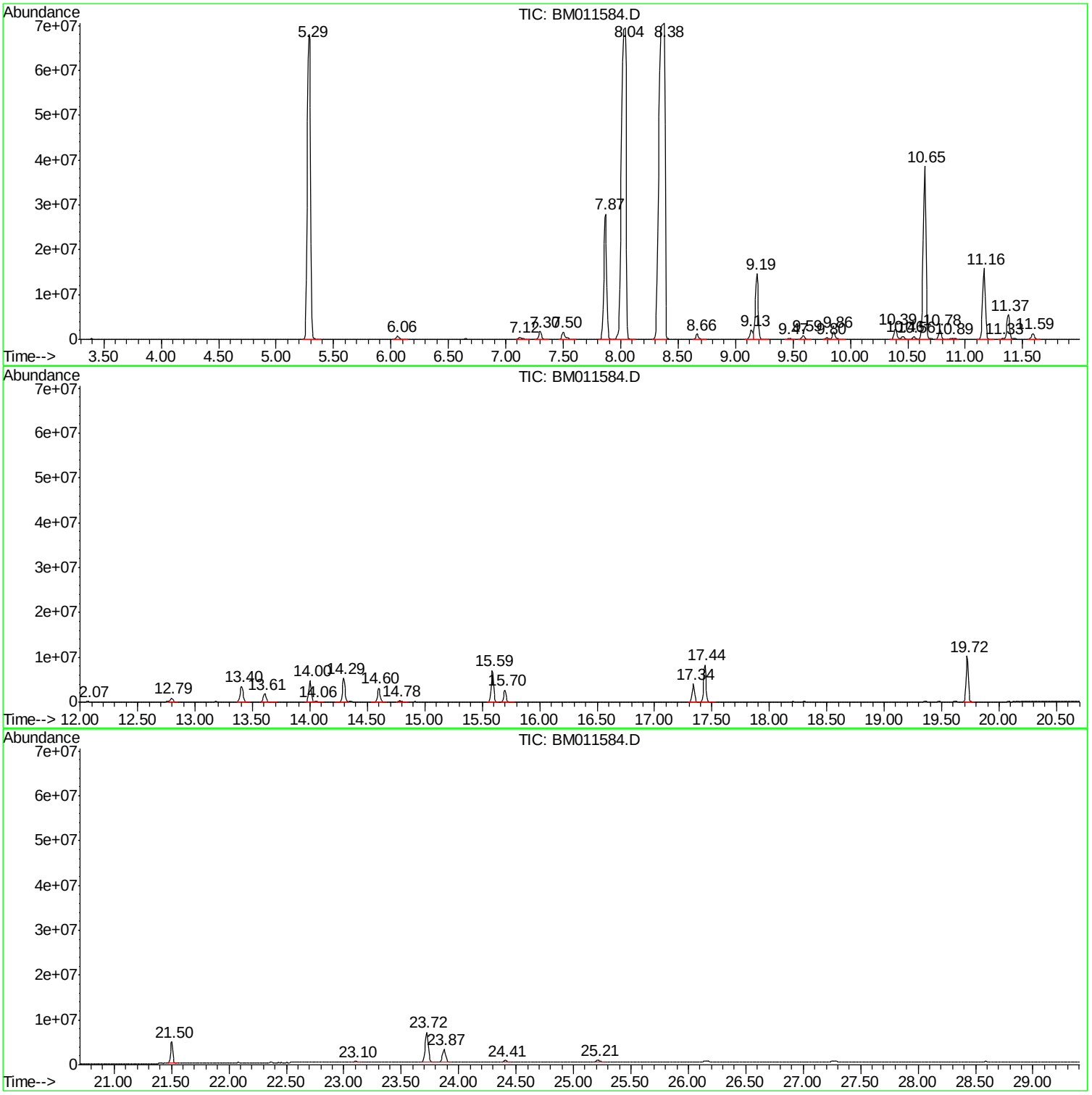
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

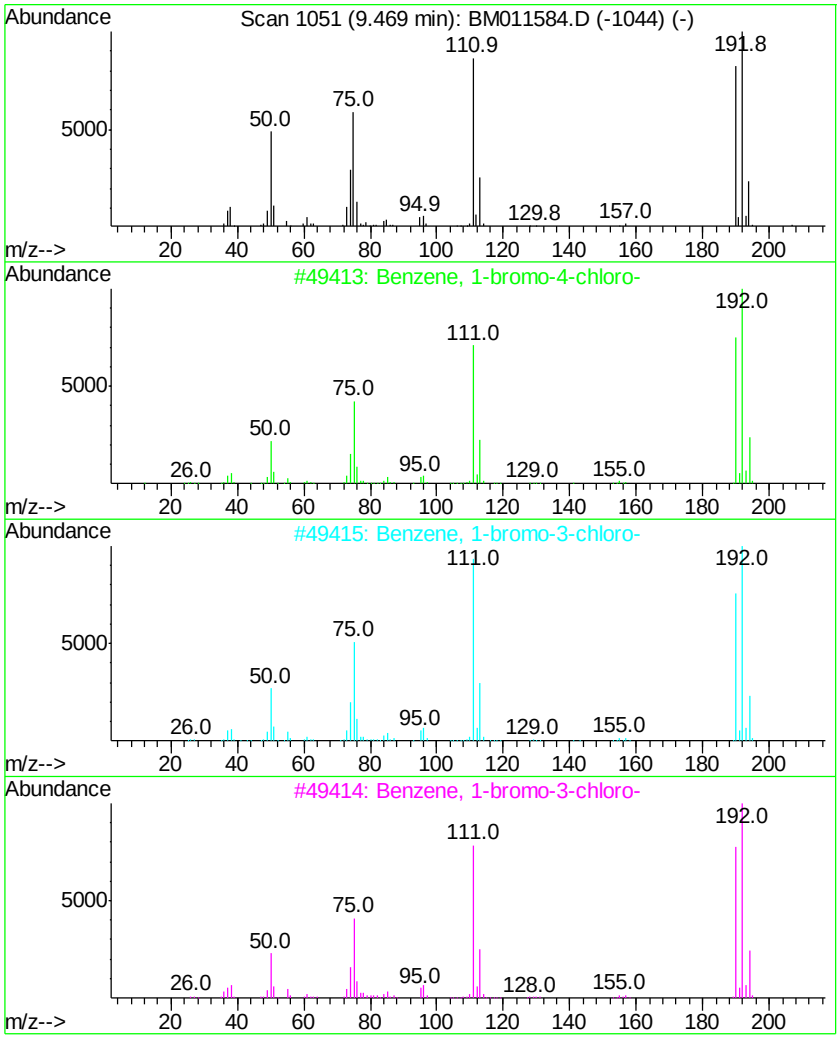
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

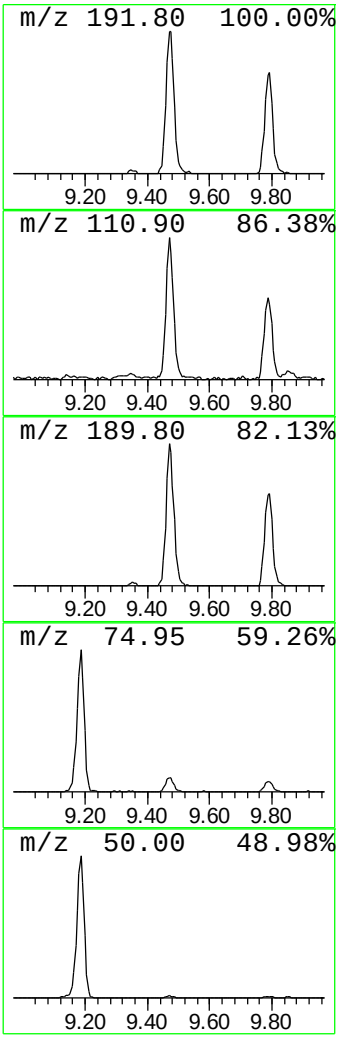
****

Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.04 ng/ul	367310	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96





Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

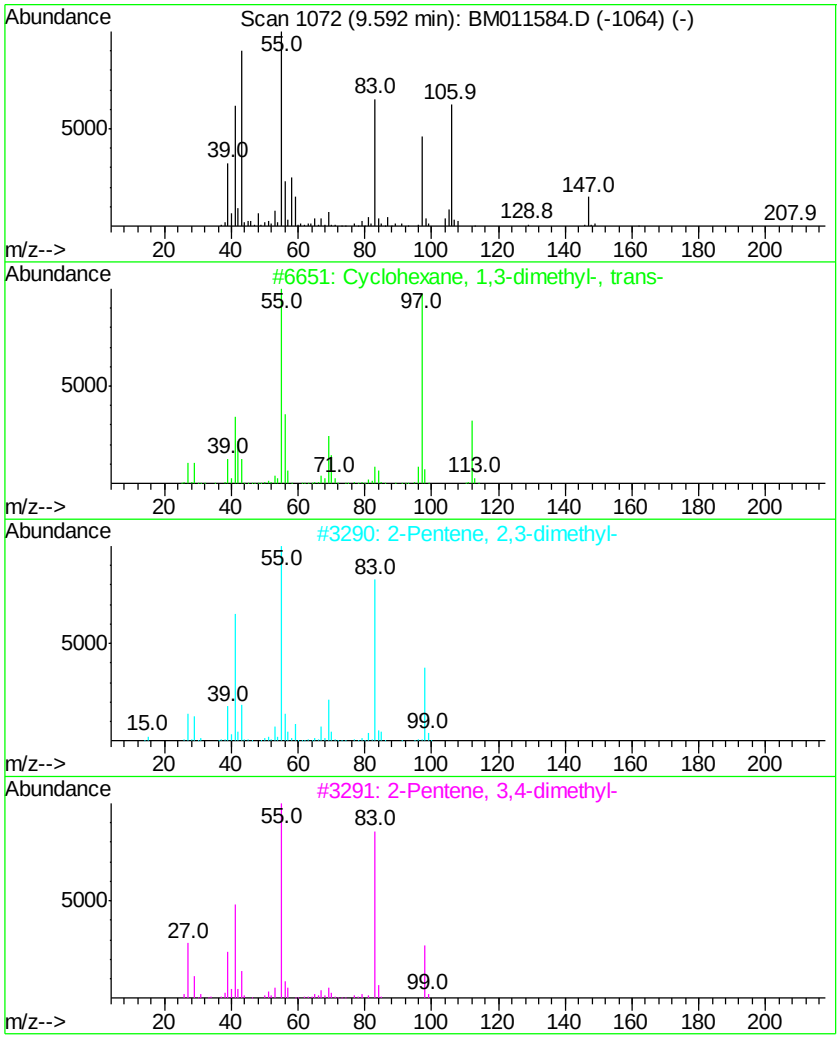
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

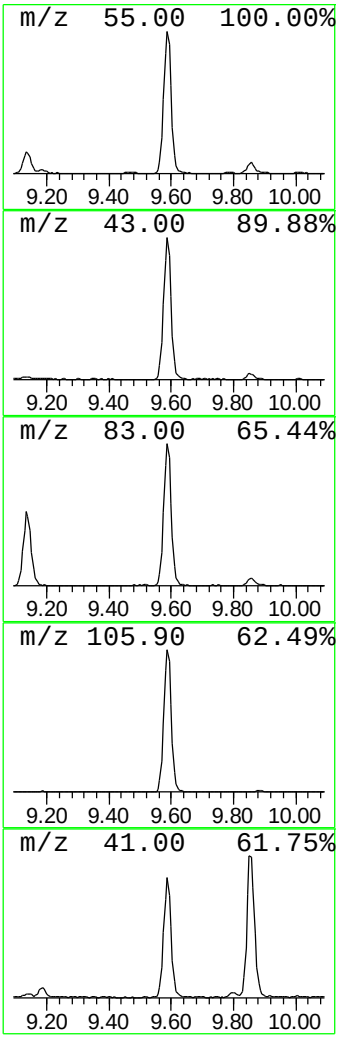
****

Peak Number 5 (DEL) Alkane: Cyclic9.59 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	8.00 ng/ul	1438270	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	22
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	22
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	18
4	1-Propenylaziridine	83	C5H9N	1000192-51-0	18
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

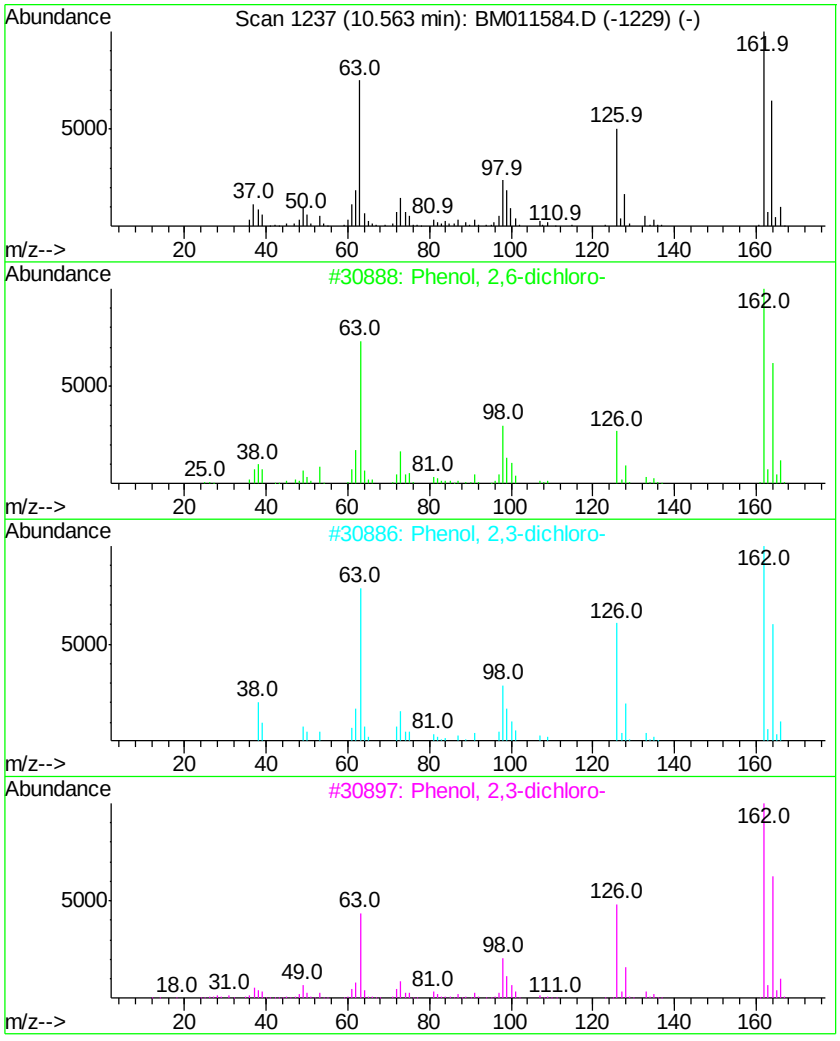
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

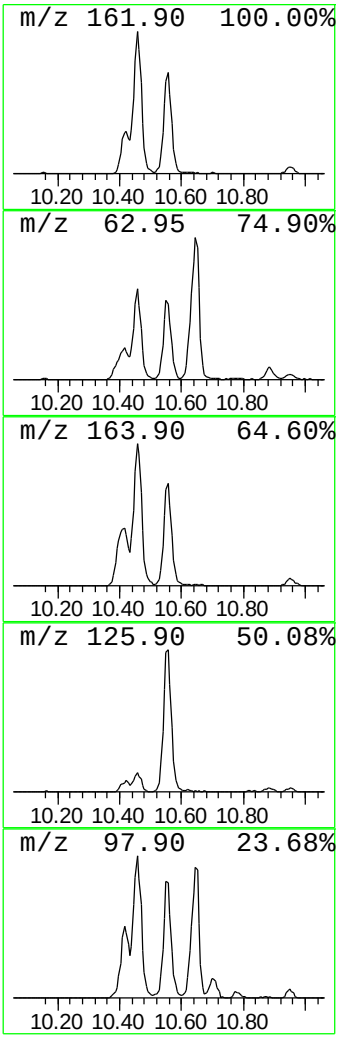
****

Peak Number 7 Phenol, 2,6-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	5.06 ng/ul	909750	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	97
2	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95
3	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95
4	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	95
5	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

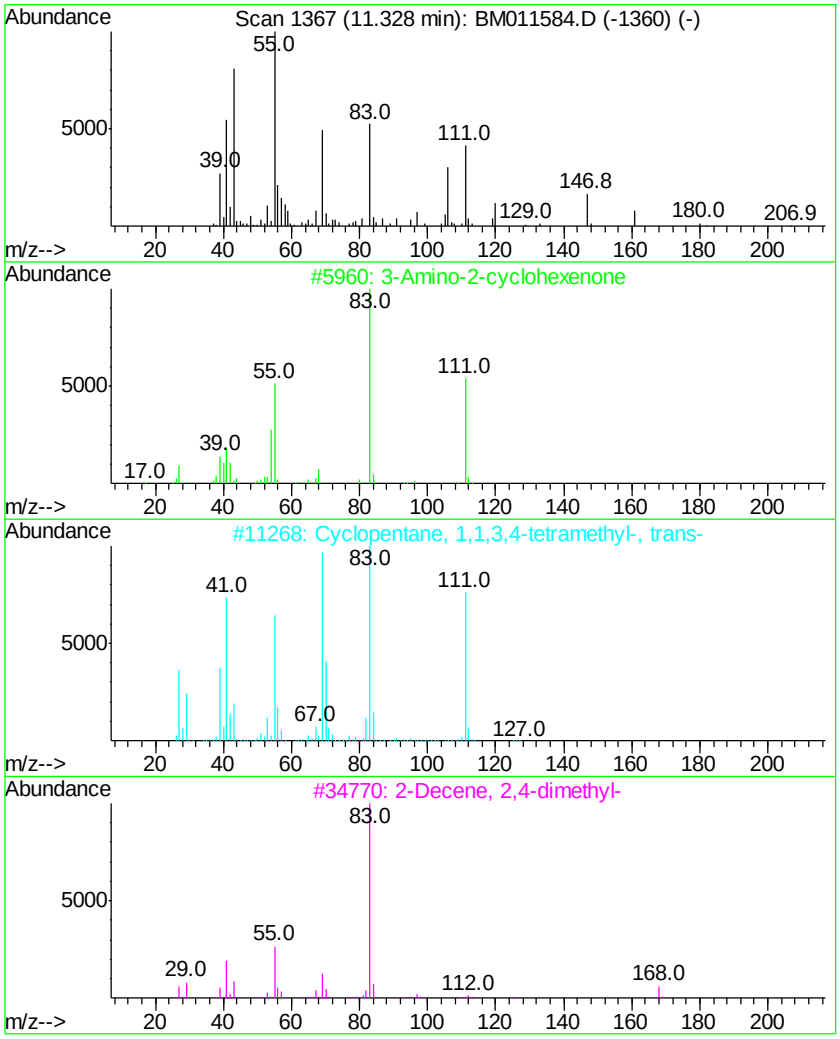
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

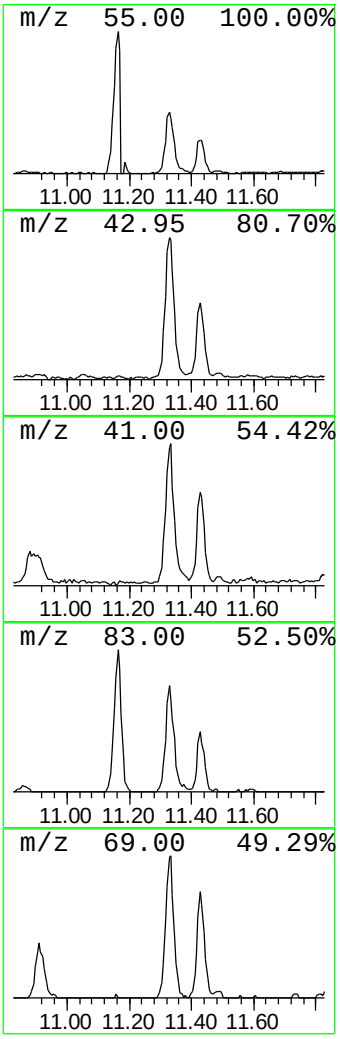
****

Peak Number 10 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.05 ng/ul	369183	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	38
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38
3	2-Decene, 2,4-dimethyl-	168	C12H24	074421-03-7	35
4	2-Decene, 2,4-dimethyl-	168	C12H24	074421-03-7	35
5	2,4,4-Trimethylbut-2-enolide	126	C7H10O2	004182-41-6	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

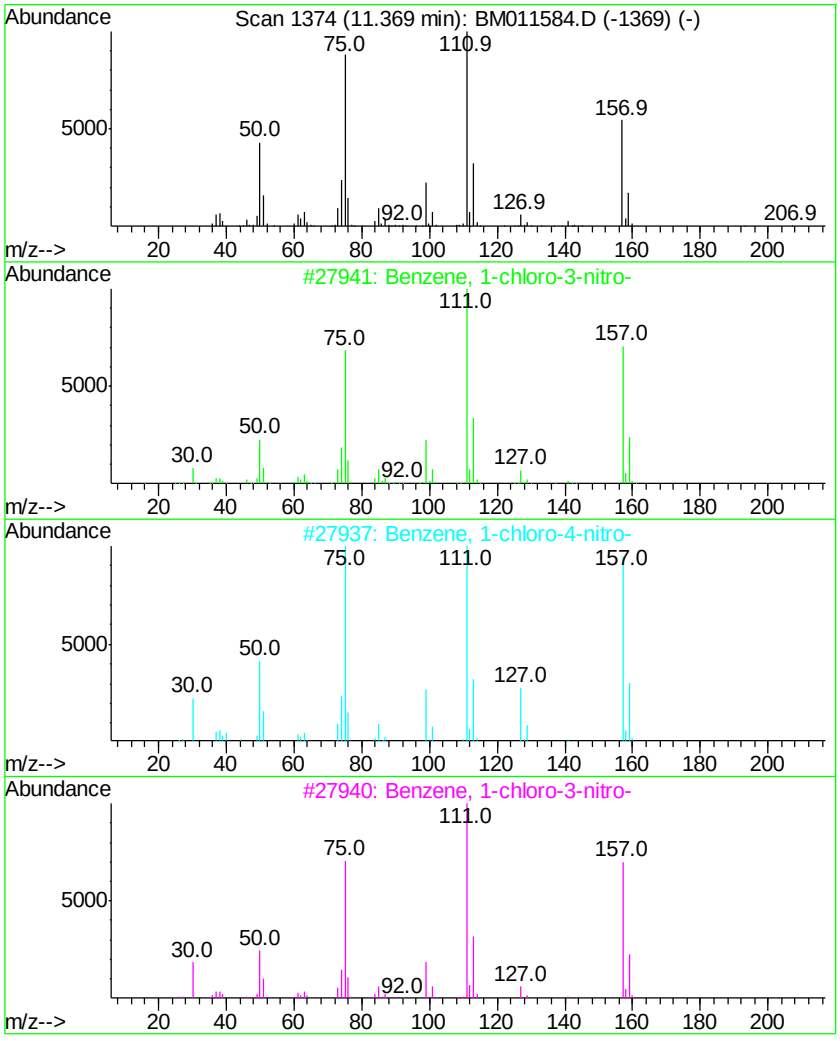
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

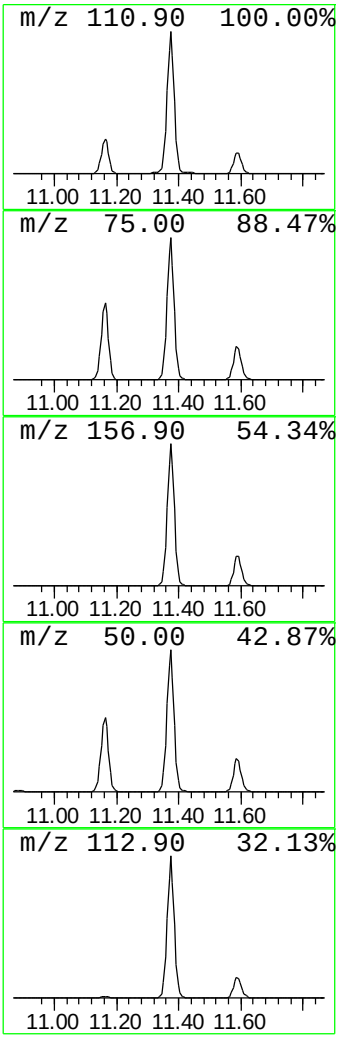
****

Peak Number 11 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	50.37 ng/ul	9052330	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	92
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

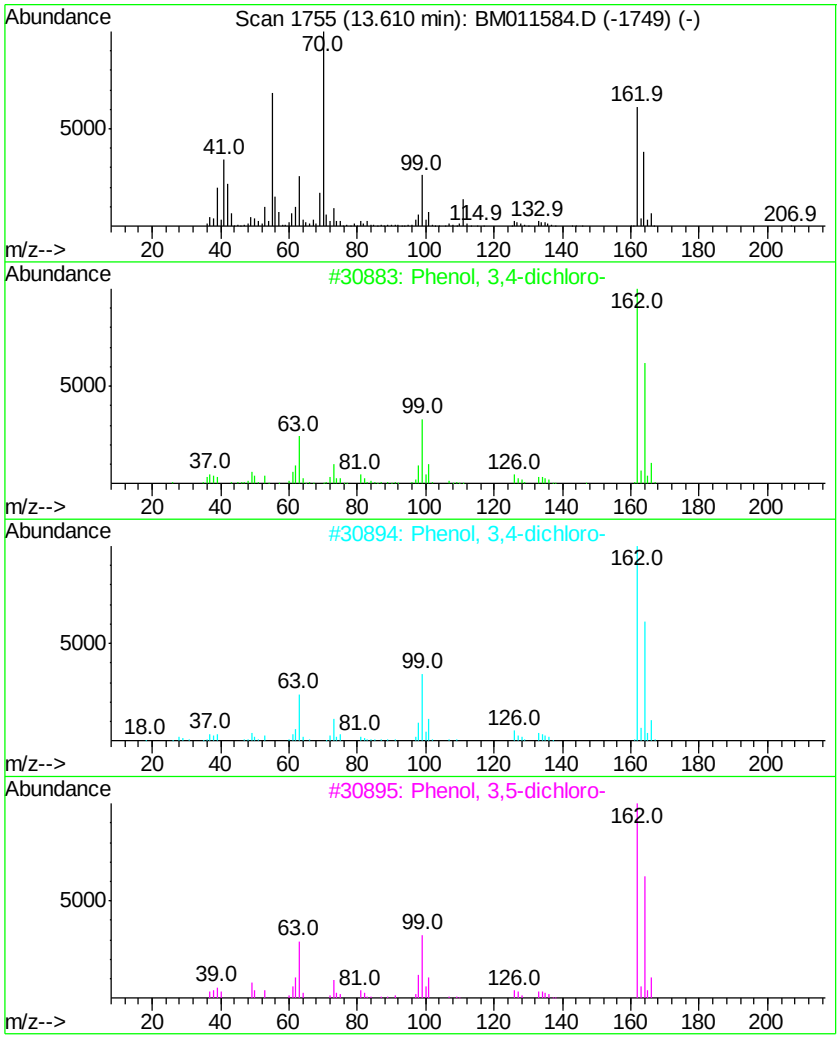
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

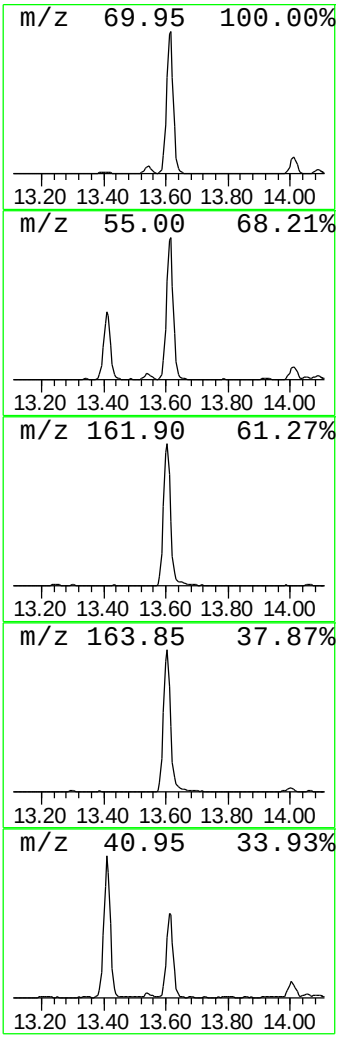
****

Peak Number 13 Phenol, 3,4-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	12.98 ng/ul	3271150	Acenaphthene-d10	14.60

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	87
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	87
5	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	55





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Sample : I5234-19
Misc :
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Instrument : BNA_M
ClientSampleId : C0AB8

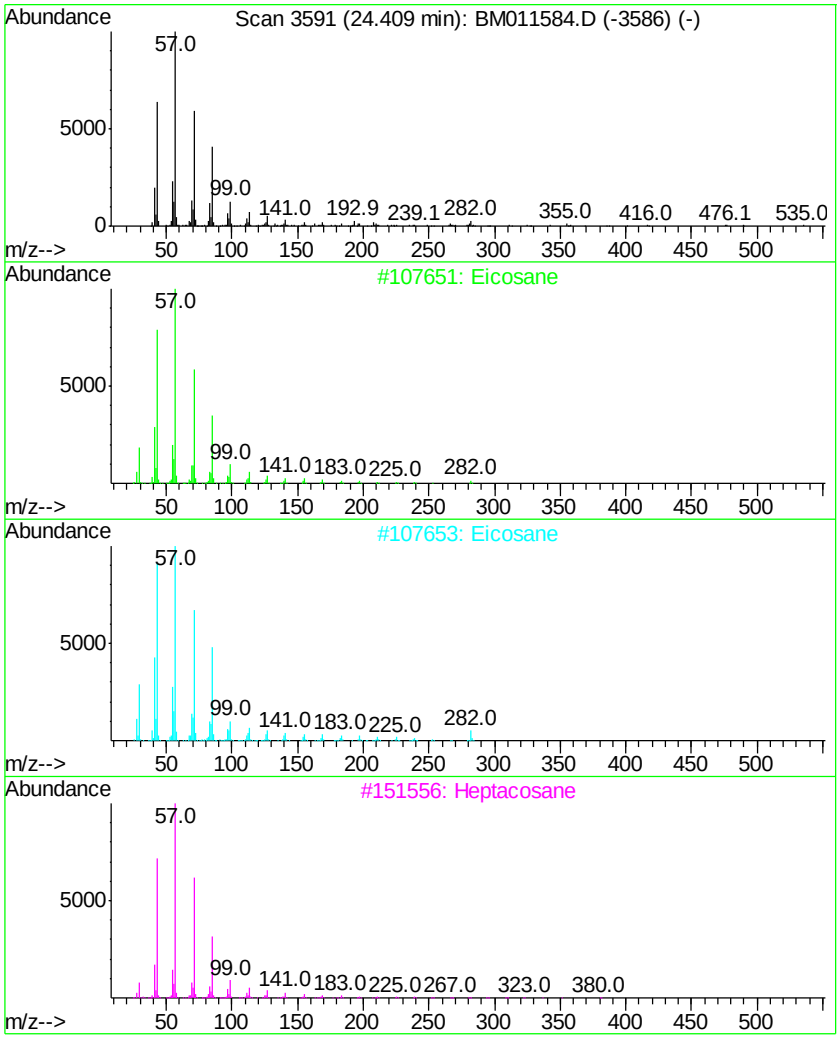
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

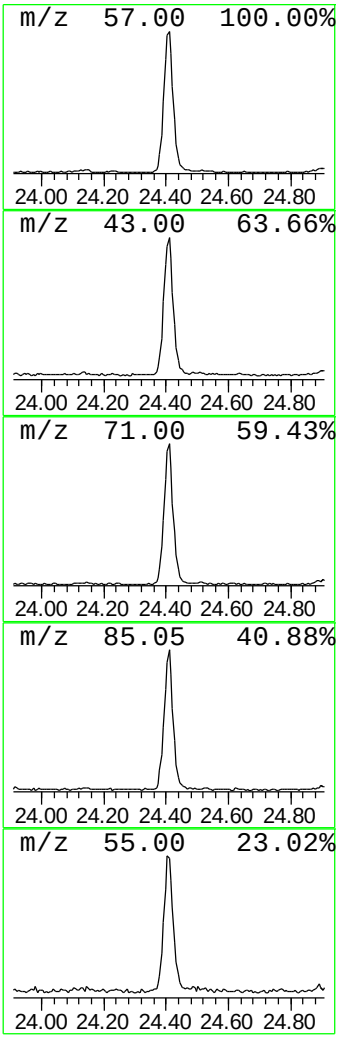
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	2.82 ng/ul	790684	Perylene-d12	23.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptacosane	380	C27H56	000593-49-7	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Eicosane	282	C20H42	000112-95-8	87





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Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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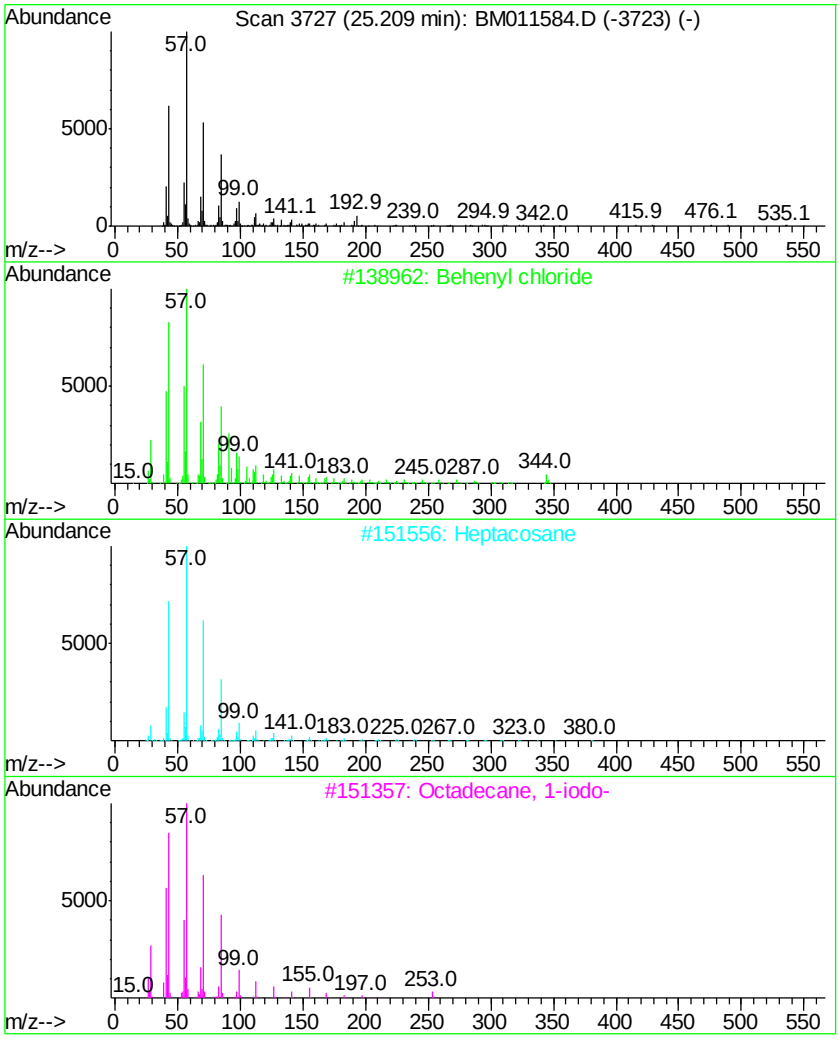
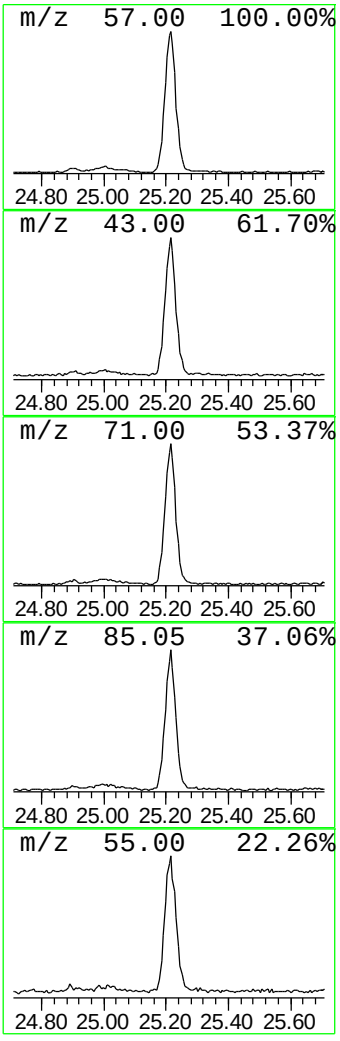
Peak Number 15 Behenyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.21	3.71 ng/ul	1041680	Perylene-d12	23.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenyl chloride	344	C22H45Cl	042217-03-8	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4	Decane, 3-methyl-	156	C11H24	013151-34-3	64
5	Eicosane	282	C20H42	000112-95-8	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091817\
Data File : BM011584.D
Acq On : 19 Sep 2017 00:15
Operator : SJ/JU
Sample : I5234-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.47	2.0	ng/ul	367310	2	10.78	3594370	20.0
(DEL) Alkane: Cyc...	9.59	8.0	ng/ul	1438270	2	10.78	3594370	20.0
Phenol, 2,6-dichl...	10.56	5.1	ng/ul	909750	2	10.78	3594370	20.0
unknown-01	11.33	2.0	ng/ul	369183	2	10.78	3594370	20.0
Benzene, 1-chloro...	11.37	50.4	ng/ul	9052330	2	10.78	3594370	20.0
Phenol, 3,4-dichl...	13.61	13.0	ng/ul	3271150	3	14.60	5041640	20.0
(DEL) Alkane: Str...	24.41	2.8	ng/ul	790684	6	23.87	5611590	20.0
Behenyl chloride	25.21	3.7	ng/ul	1041680	6	23.87	5611590	20.0