LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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	3.016	3	5	33	rVB	2305459	3100269	1.60%	0.427%
2	5.098	348	359	361	rBV4	50217827	121938403	63.13%	16.808%
3	6.422	578	584	594	rVB	544638	894179	0.46%	0.123%
4	6.681	612	628	632	rBV	332744	664900	0.34%	0.092%
5	6.898	659	665	676	rVB2	234994	516954	0.27%	0.071%
6	7.092	686	698	707	rBV	526348	1530209	0.79%	0.211%
7	7.269	720	728	742	rBV2	709339	2179691	1.13%	0.300%
8	7.475	754	763	772	rBV2	64389	217365	0.11%	0.030%
9	7.634	779	790	806	rBV2	16576272	74152186	38.39%	10.221%
10	7.798	806	818	820	rBV5	52994555	159077587	82.35%	21.927%
11	8.134	861	875	879	rBV4	53400132	193168865	100.00%	26.626%
12	8.434	920	926	933	rVB	777590	1199699	0.62%	0.165%
13	8.886	996	1003	1008	rBV	1226303	2019247	1.05%	0.278%
14	9.216	1050	1059	1066	rBV	653948	1042825	0.54%	0.144%
15	9.539	1106	1114	1119	rBV	1791533	3245795	1.68%	0.447%
16	9.598	1119	1124	1132	rVB	908612	1480413	0.77%	0.204%
17	10.128	1206	1214	1220	rBV	1470625	2469724	1.28%	0.340%
18	10.192	1220	1225	1233	rVB	517819	866410	0.45%	0.119%
19	10.286	1233	1241	1247	rBV	602687	1099681	0.57%	0.152%
20	10.386	1247	1258	1266	rVB	36254267	67507501	34.95%	9.305%
21	10.510	1272	1279	1286	rBV	1358103	2127711	1.10%	0.293%
22	10.622	1289	1298	1313	rVB	3212512	5645221	2.92%	0.778%
23	10.892	1335	1344	1351	rBV	9844277	16882956	8.74%	2.327%
24	11.098	1373	1379	1386	rBV	274528	442371	0.23%	0.061%
25	12.157	1551	1559	1572	rBV	582983	1130533	0.59%	0.156%
26	12.545	1618	1625	1634	rVB2	943620	1677639	0.87%	0.231%
27	12.757	1646	1661	1663	rBV	397319	706692	0.37%	0.097%
28	12.780	1663	1665	1672	rVB	447599	630856	0.33%	0.087%
29	13.145	1723	1727	1738	rVV2	306408	674479	0.35%	0.093%
30	13.369	1754	1765	1772	rVV2	388381	762673	0.39%	0.105%
31	13.698	1814	1821	1825	rBV	146309	228354	0.12%	0.031%
32	13.774	1825	1834	1845	rVB	2709655	3837177	1.99%	0.529%
33	14.051	1875	1881	1889	rVB	3330103	4803369	2.49%	0.662%
34	14.357	1927	1933	1946	rVB2	1813733	2823536	1.46%	0.389%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	14.551	1961	1966	1976	rVB	217030	339820	0.18%	0.047%
36	15.357	2096	2103	2112	rVB	4026410	5996719	3.10%	0.827%
37	15.468	2115	2122	2131	rBV	977817	1390536	0.72%	0.192%
38	16.621	2311	2318	2337	rBV	1030011	1722314	0.89%	0.237%
39	17.104	2394	2400	2407	rBV	2354839	3310758	1.71%	0.456%
40	17.204	2410	2417	2428	rVV	4662482	6382323	3.30%	0.880%
41	18.480	2625	2634	2641	rBV	339720	490620	0.25%	0.068%
42	19.503	2801	2808	2816	rBV	5643343	7925746	4.10%	1.092%
43	21.292	3107	3112	3122	rBV	3491232	4323741	2.24%	0.596%
44	23.386	3461	3468	3475	rBV	4685762	8555952	4.43%	1.179%
45	23.527	3486	3492	3500	rVB2	2324271	4312690	2.23%	0.594%

Sum of corrected areas: 725496689

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
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Acq On : 21 Sep 2018 10:54
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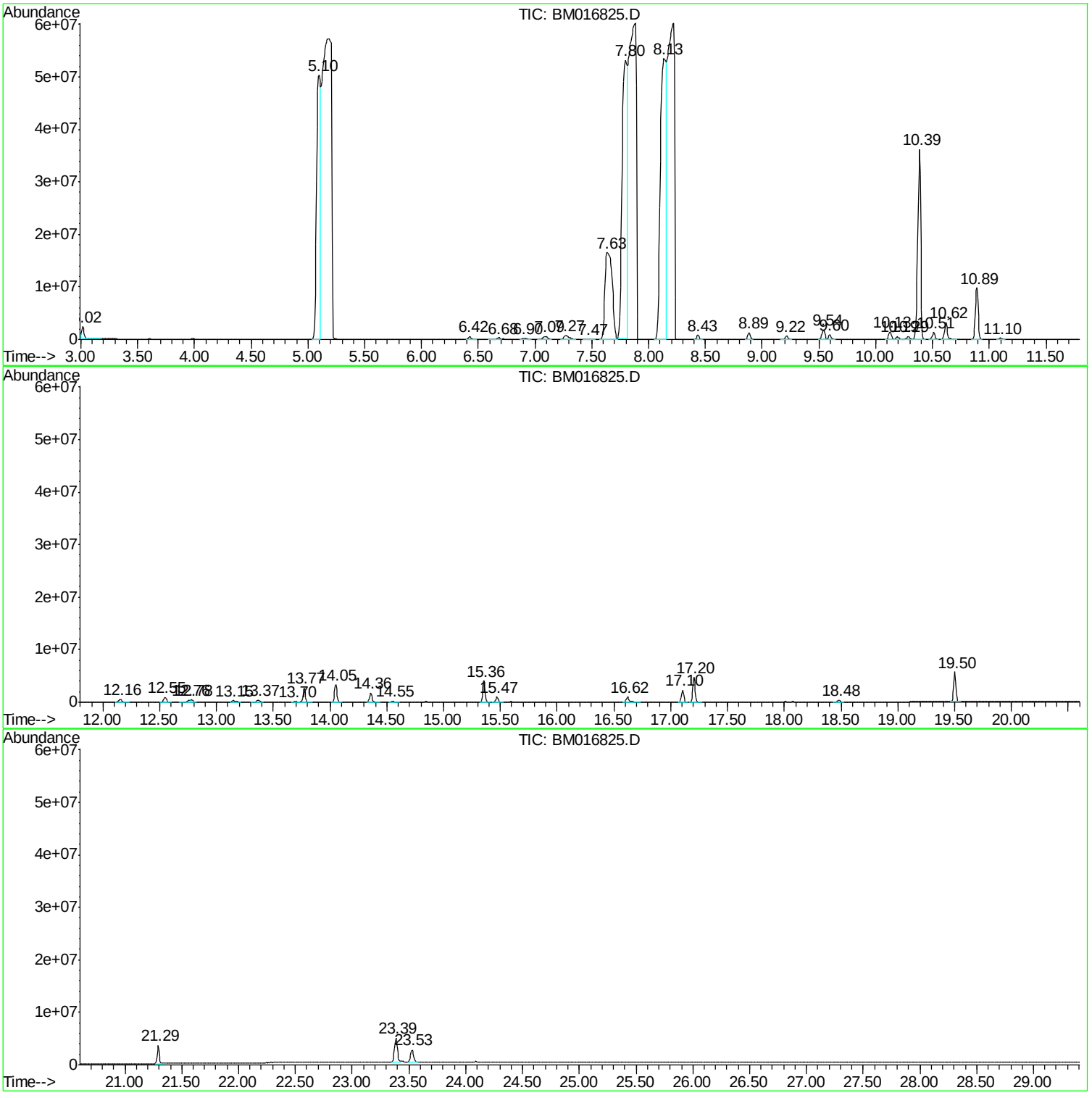
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

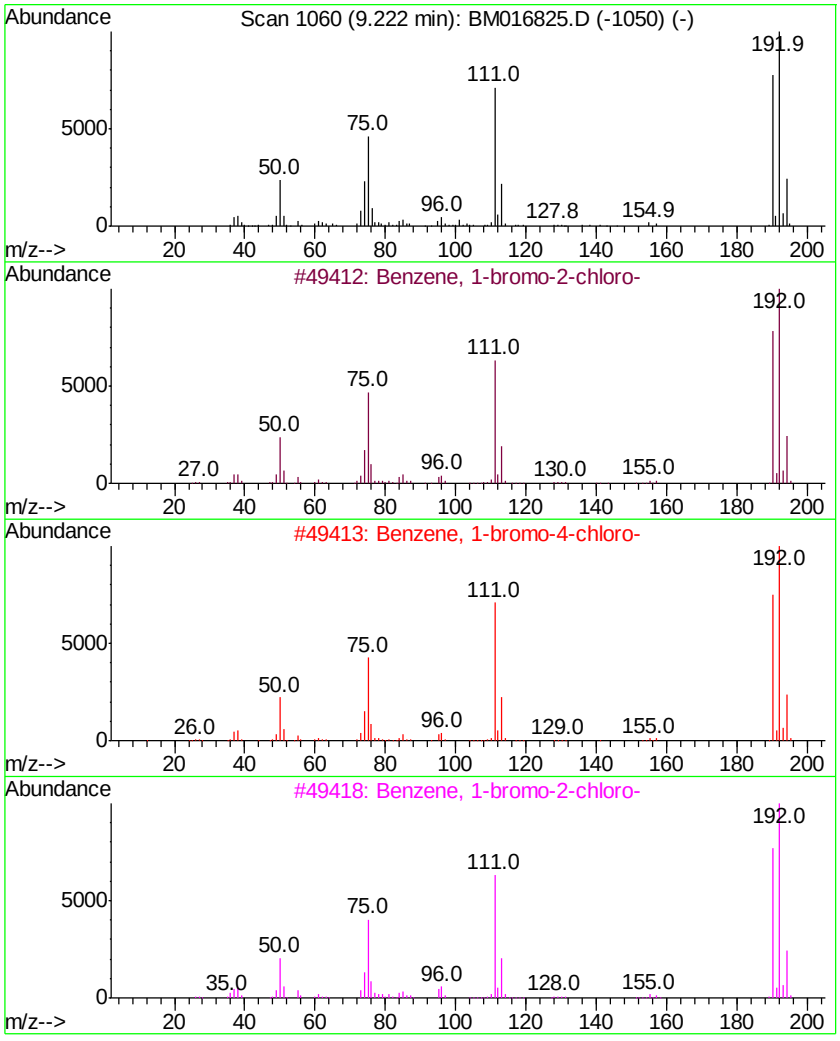
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

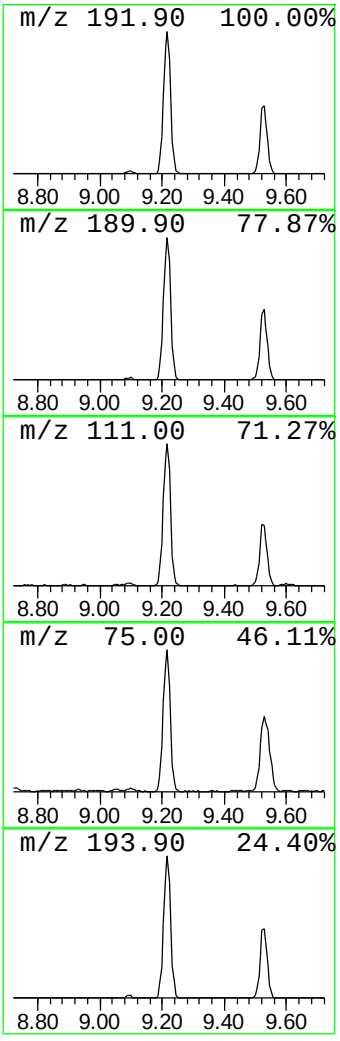
****

Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	9.80 ng/ul	1042830	Naphthalene-d8	10.51

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

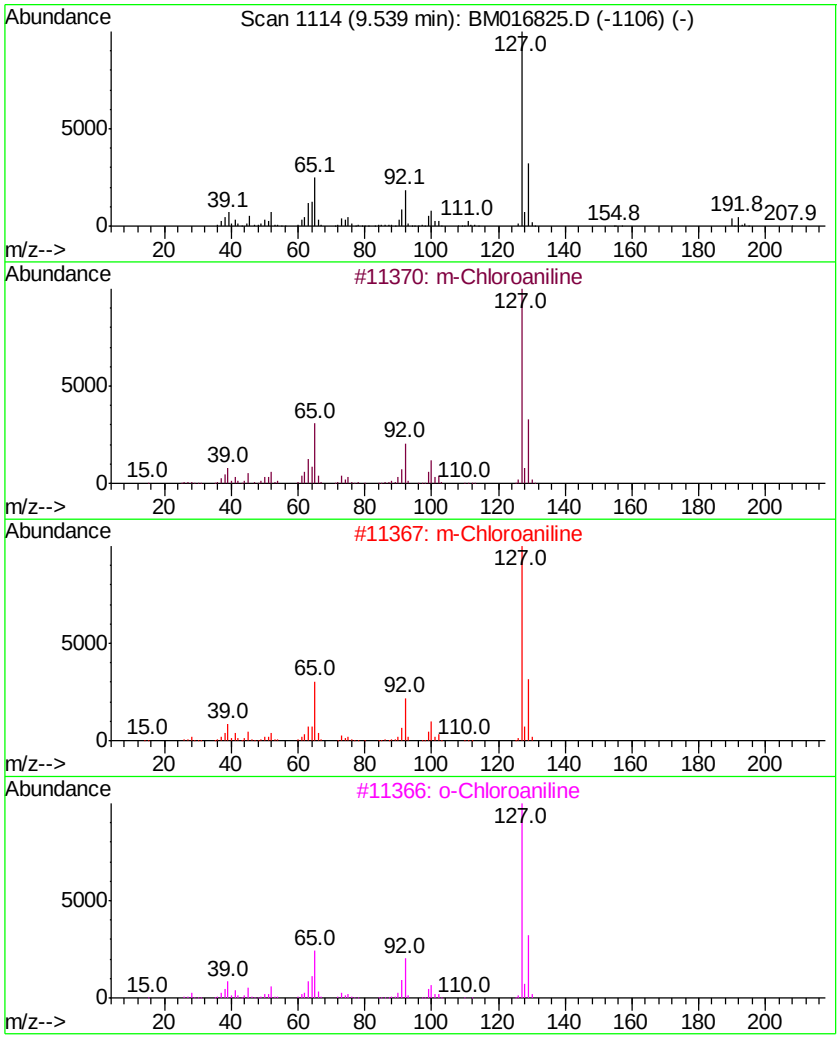
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

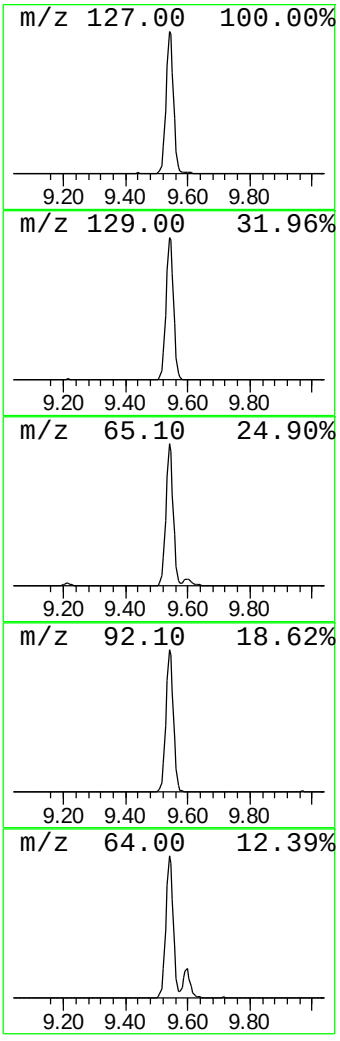
****

Peak Number 5 m-Chloroaniline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	30.51 ng/ul	3245800	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Chloroaniline	127	C6H6ClN	000108-42-9	96
2	m-Chloroaniline	127	C6H6ClN	000108-42-9	96
3	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
4	o-Chloroaniline	127	C6H6ClN	000095-51-2	95
5	o-Chloroaniline	127	C6H6ClN	000095-51-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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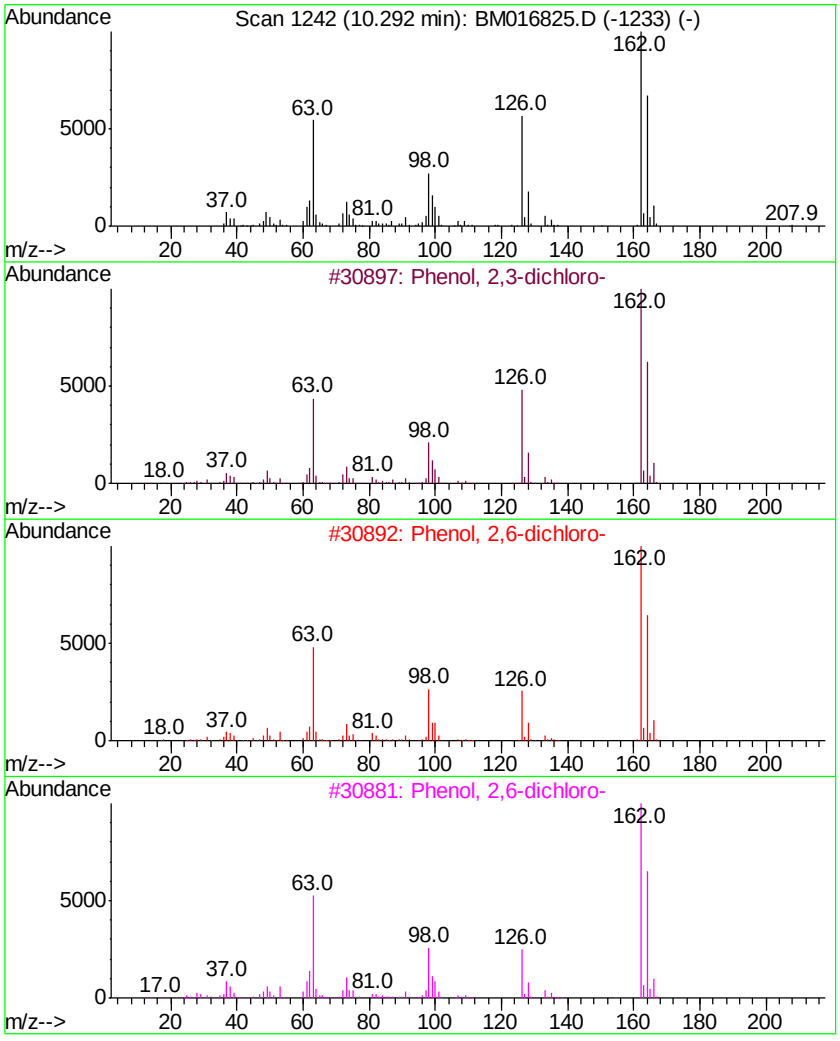
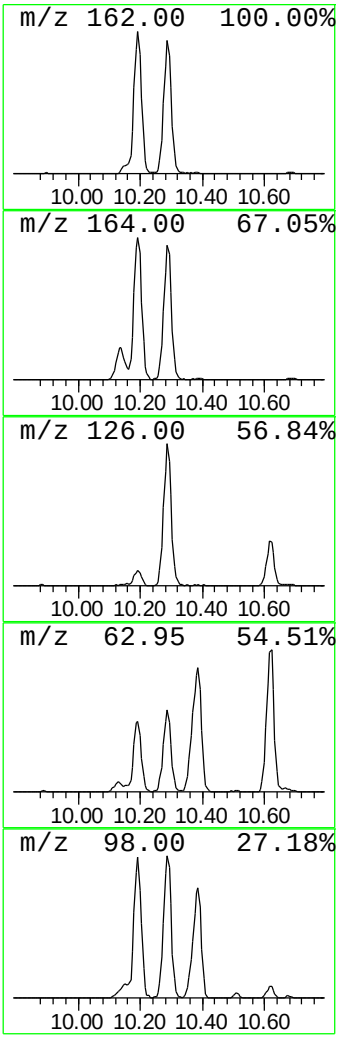
Peak Number 6 Phenol, 2,3-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	10.34 ng/ul	1099680	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	98
2	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	97
3	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	96
4	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95
5	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

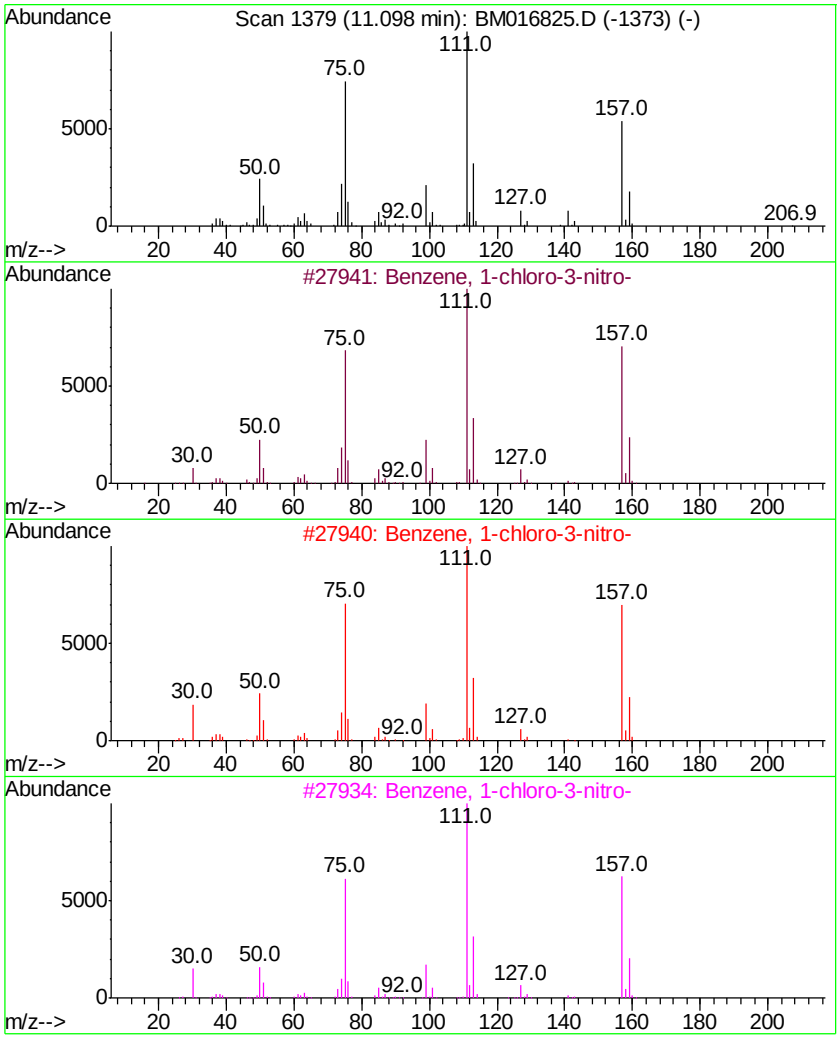
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

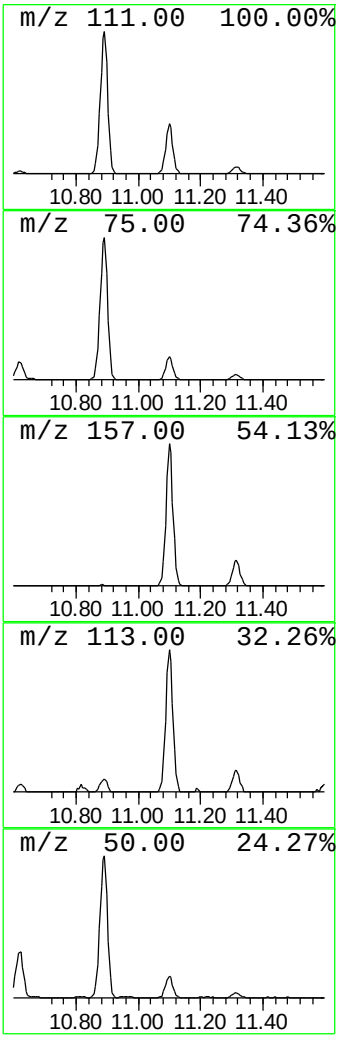
****

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.16 ng/ul	442371	Naphthalene-d8	10.51

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-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	92
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Library Search Compound Report

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Data File : BM016825.D
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Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

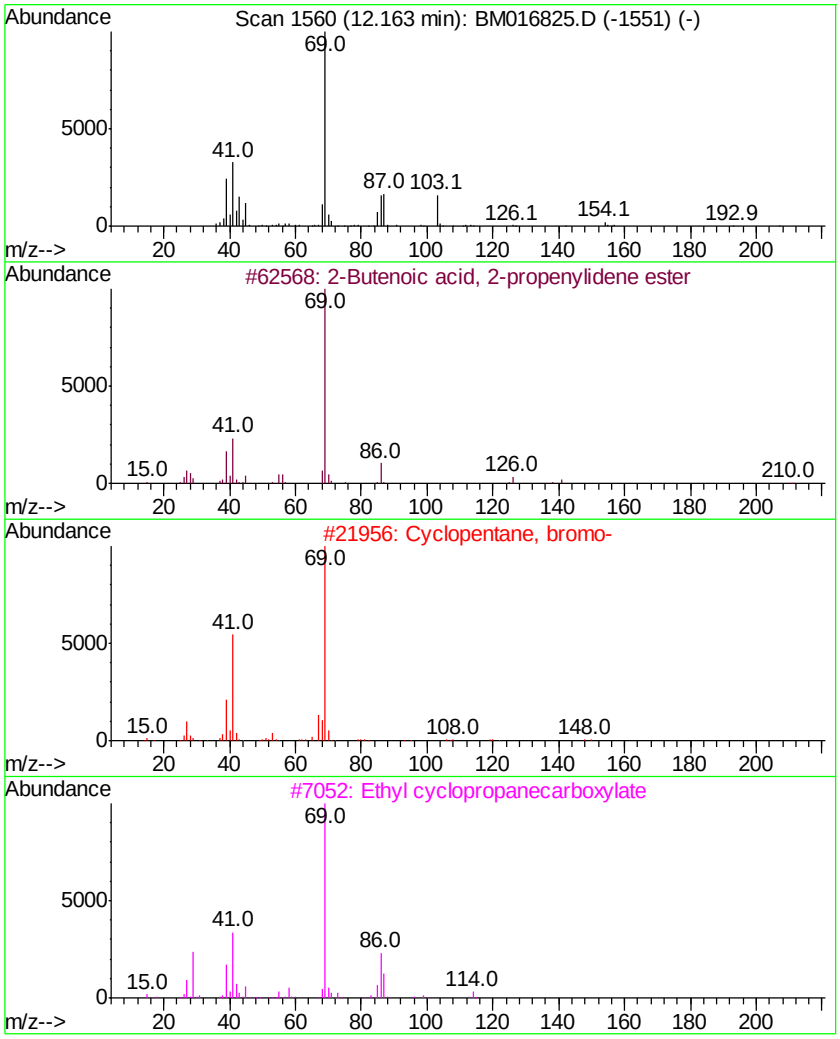
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

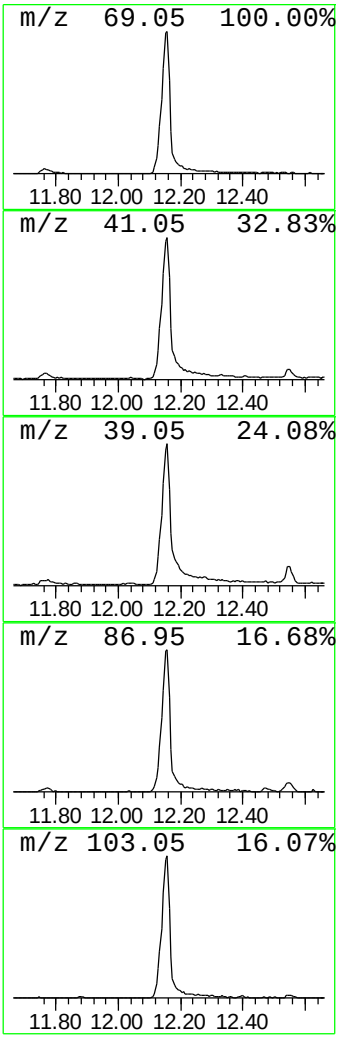
****

Peak Number 10 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	10.63 ng/ul	1130530	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	45
2	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	40
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
4	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
5	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	38





Library Search Compound Report

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Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

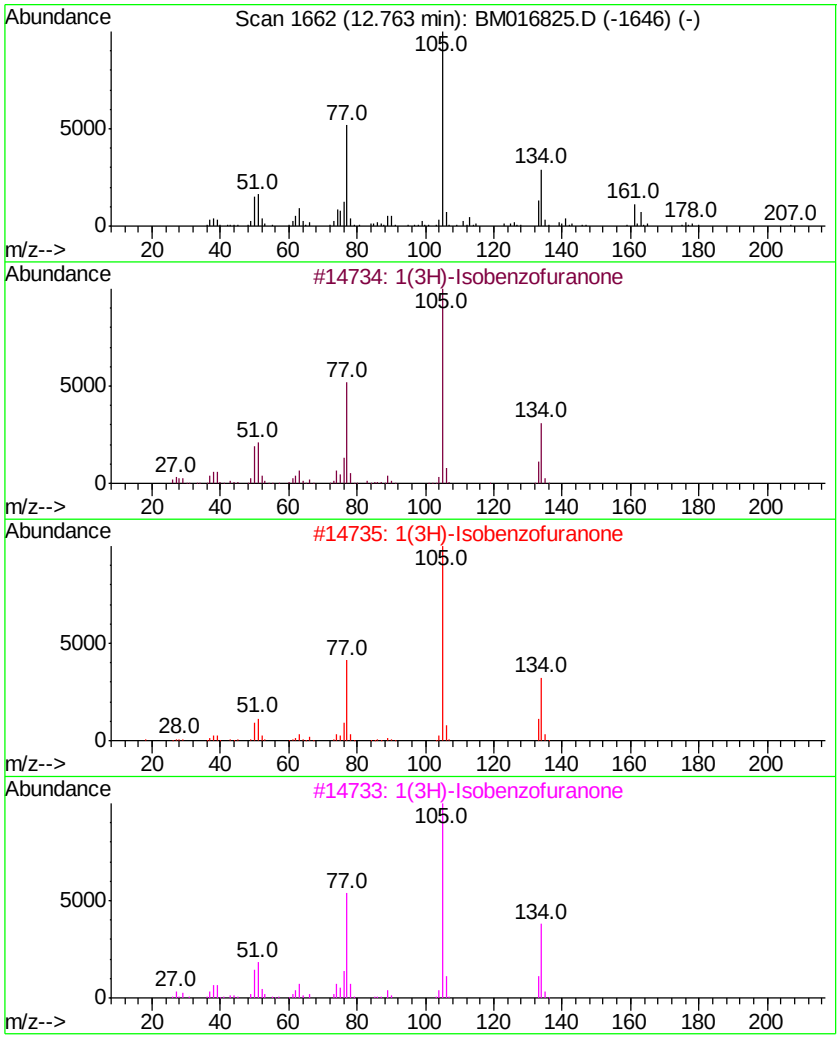
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

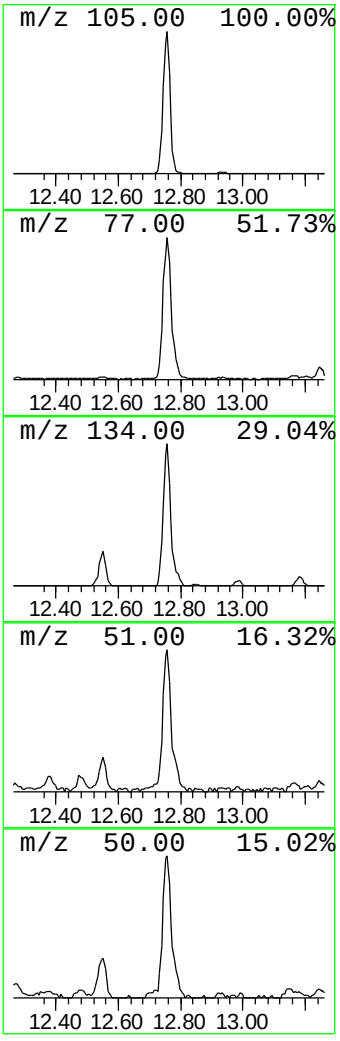
****

Peak Number 11 1(3H)-Isobenzofuranone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.01 ng/ul	706692	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	95
2	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	94
3	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	93
4	Benzoic acid, 2-(hydroxymethyl)-	152	C8H8O3	000612-20-4	83
5	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	64





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Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

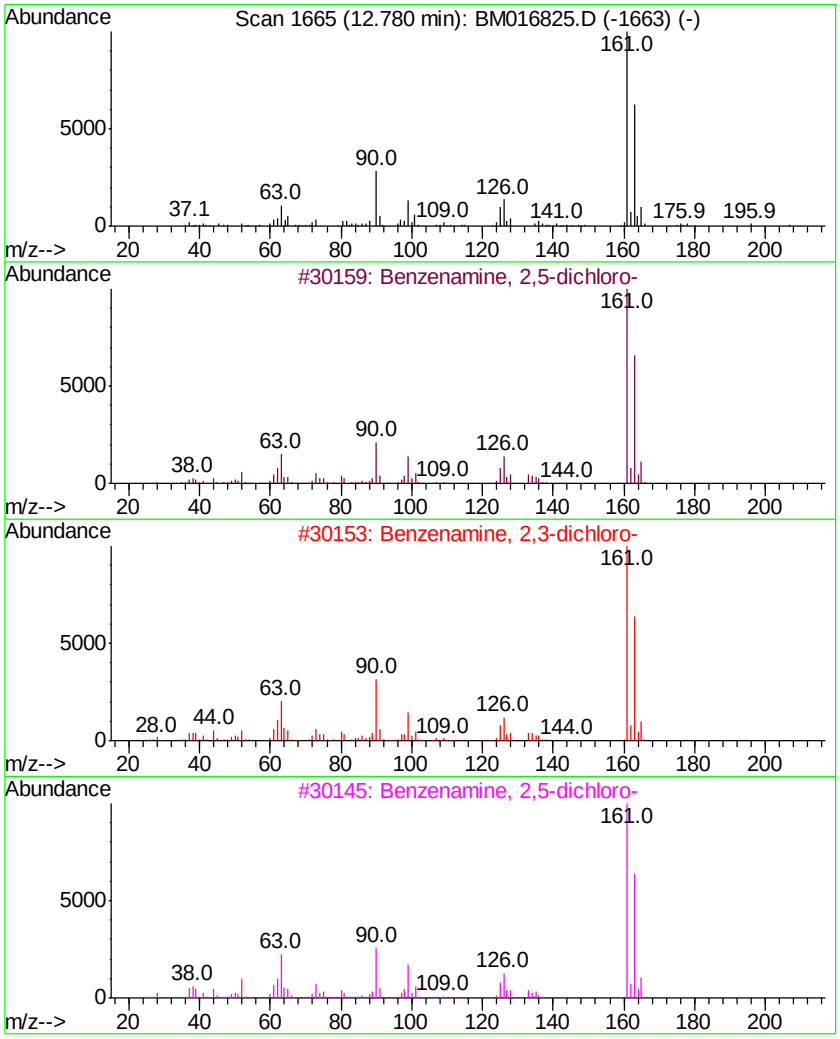
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

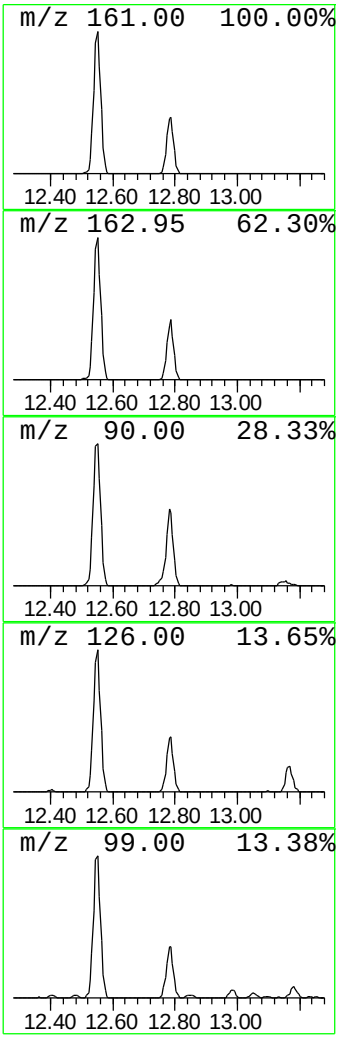
****

Peak Number 12 Benzenamine, 2,5-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	4.47 ng/ul	630856	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	94
2	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	94
3	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	94
4	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	94
5	Benzenamine, 2,6-dichloro-	161	C6H5Cl2N	000608-31-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

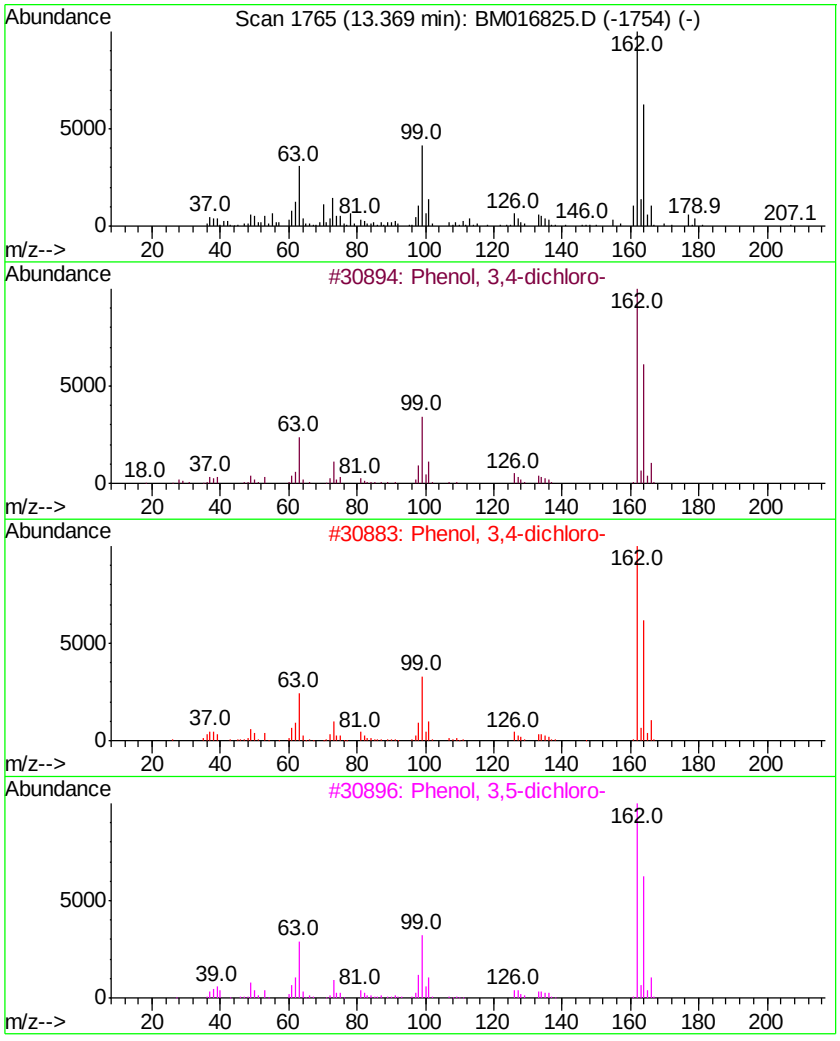
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

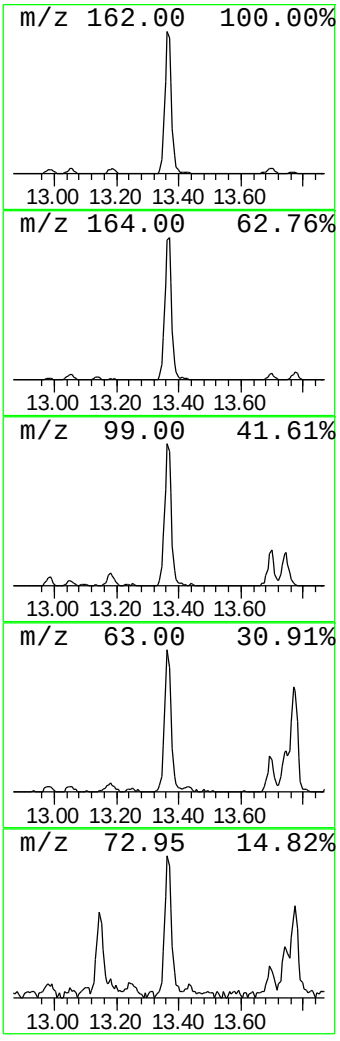
****

Peak Number 13 Phenol, 3,4-dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	5.40 ng/ul	762673	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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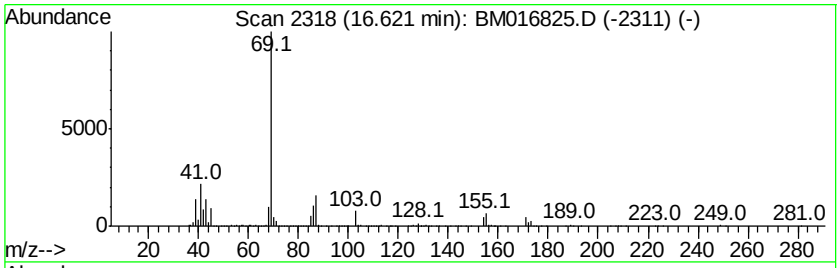
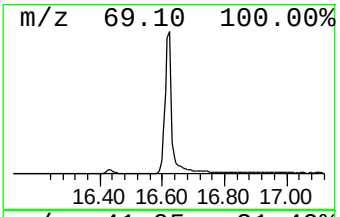
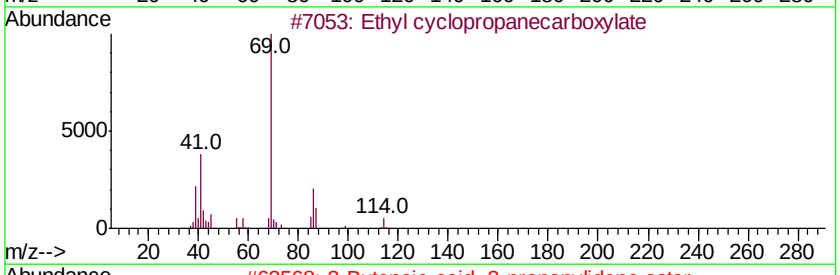
Peak Number 14 Ethyl cyclopropanecarboxylate Concentration Rank 7

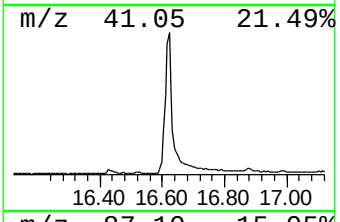
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	10.40 ng/ul	1722310	Phenanthrene-d10	17.10

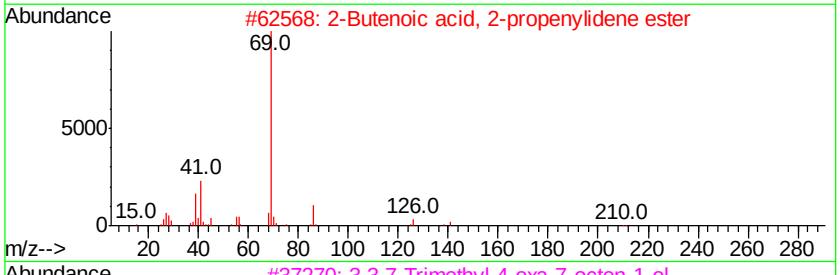
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	59
2	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	53
3	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	9
4	Oxazolidin-2-one, N-[(E)-butenyl]-	155	C7H9NO3	1000156-45-5	9
5	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	9

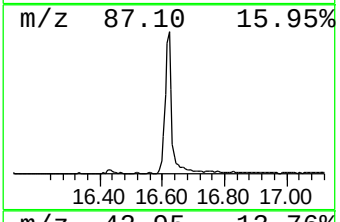


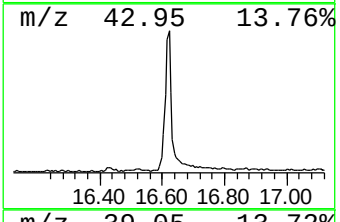


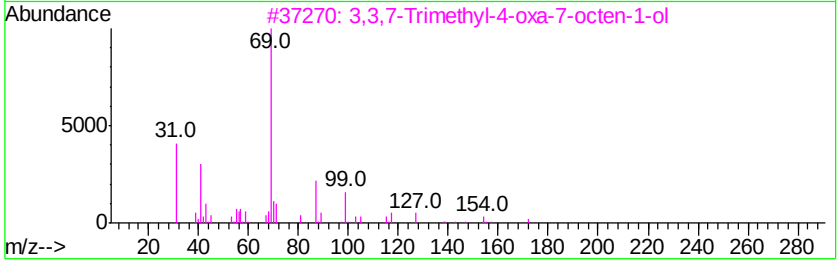


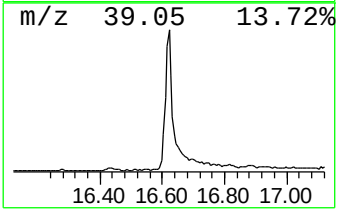












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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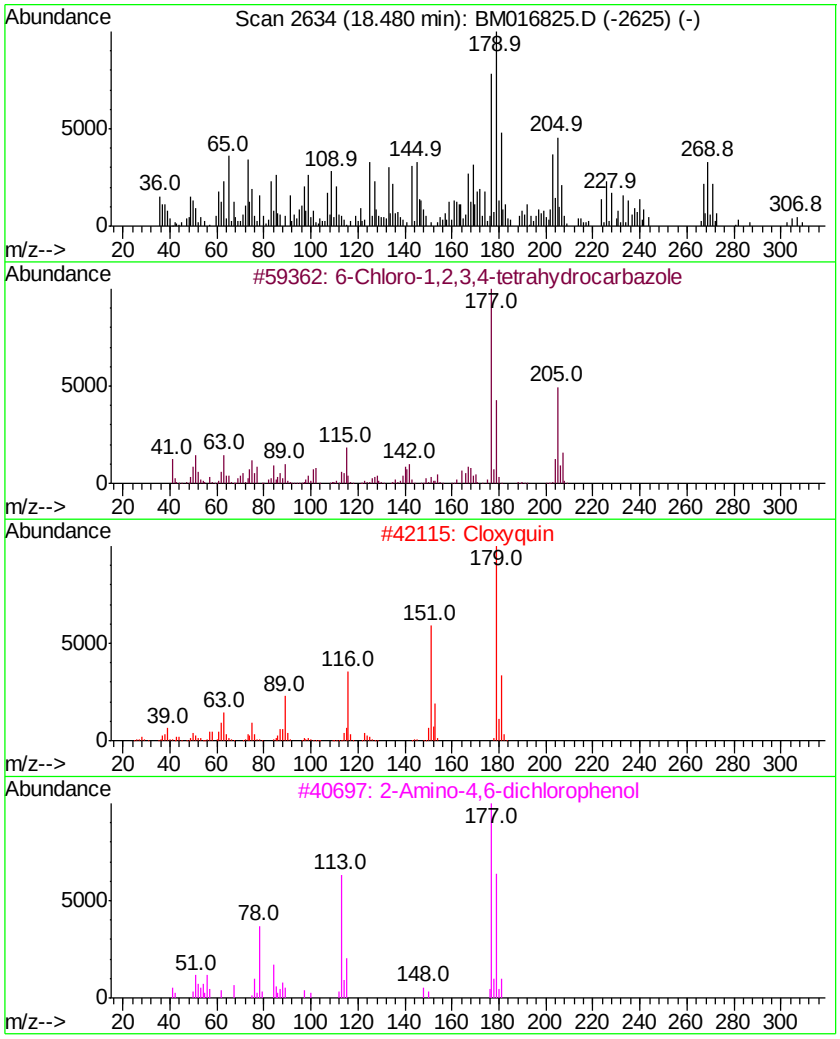
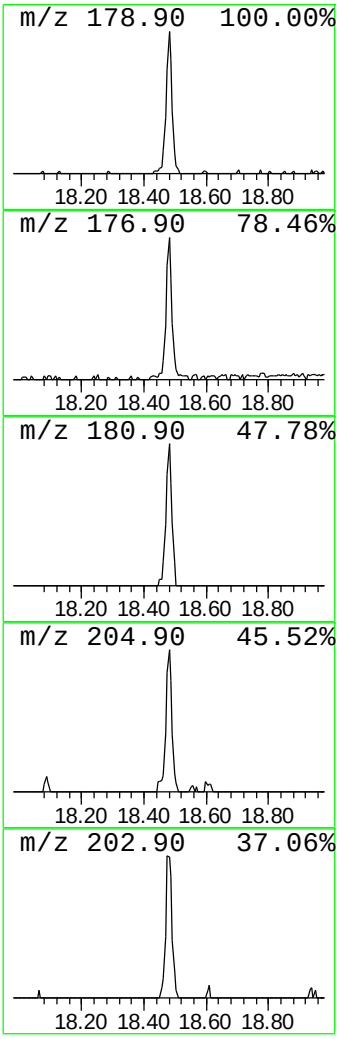
Peak Number 15 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.96 ng/ul	490620	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2	Cloxyquin	179	C9H6ClNO	000130-16-5	25
3	2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	22
4	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	18
5	4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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-...	9.22	9.8	ng/ul	1042830	2	10.51	2127710	20.0
m-Chloroaniline	9.54	30.5	ng/ul	3245800	2	10.51	2127710	20.0
Phenol, 2,3-dichl...	10.29	10.3	ng/ul	1099680	2	10.51	2127710	20.0
Benzene, 1-chloro...	11.10	4.2	ng/ul	442371	2	10.51	2127710	20.0
unknown-01	12.16	10.6	ng/ul	1130530	2	10.51	2127710	20.0
1(3H)-Isobenzofur...	12.76	5.0	ng/ul	706692	3	14.36	2823540	20.0
Benzenamine, 2,5-...	12.78	4.5	ng/ul	630856	3	14.36	2823540	20.0
Phenol, 3,4-dichl...	13.37	5.4	ng/ul	762673	3	14.36	2823540	20.0
Ethyl cyclopropan...	16.62	10.4	ng/ul	1722310	4	17.10	3310760	20.0
unknown-02	18.48	3.0	ng/ul	490620	4	17.10	3310760	20.0