LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

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-BM032219MA.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	5.075	326	355	359	rBV5	54371808	433087458	100.00%	34.256%
2	6.298	555	563	574	rBV	325814	561481	0.13%	0.044%
3	6.616	604	617	628	rBV2	227850	536954	0.12%	0.042%
4	6.816	640	651	668	rVB2	341262	934118	0.22%	0.074%
5	6.998	670	682	696	rBV	282447	1008695	0.23%	0.080%
6	7.181	701	713	726	rVB2	816046	2927441	0.68%	0.232%
7	7.510	758	769	770	rBV	11191707	22648987	5.23%	1.791%
8	7.745	786	809	810	rBV5	51762506	318357085	73.51%	25.181%
9	8.098	842	869	870	rBV6	52463968	359865822	83.09%	28.464%
10	8.328	902	908	922	rVV	545678	924626	0.21%	0.073%
11	8.786	979	986	992	rBV	718284	1230787	0.28%	0.097%
12	9.098	1033	1039	1049	rBV	453204	739005	0.17%	0.058%
13	9.433	1087	1096	1101	rBV	1377937	2445381	0.56%	0.193%
14	9.492	1101	1106	1118	rVB	610642	1059810	0.24%	0.084%
15	10.016	1189	1195	1201	rBV	942330	1706339	0.39%	0.135%
16	10.080	1201	1206	1214	rVV	1086999	1901940	0.44%	0.150%
17	10.175	1214	1222	1228	rVV	665746	1233174	0.28%	0.098%
18	10.275	1228	1239	1253	rVV	30517765	59720027	13.79%	4.724%
19	10.392	1253	1259	1266	rVB	1010113	1609050	0.37%	0.127%
20	10.522	1273	1281	1301	rVB	2583377	4367380	1.01%	0.345%
21	10.774	1315	1324	1332	rVB	7768668	12936227	2.99%	1.023%
22	11.004	1356	1363	1376	rVV	264422	463510	0.11%	0.037%
23	12.457	1606	1610	1620	rVB	459450	760815	0.18%	0.060%
24	12.686	1645	1649	1658	rVB	337650	576453	0.13%	0.046%
25	13.286	1745	1751	1760	rBV	805154	1497839	0.35%	0.118%
26	13.680	1811	1818	1823	rVV	1700720	2389004	0.55%	0.189%
27	13.951	1858	1864	1874	rVB	2073300	2934182	0.68%	0.232%
28	14.257	1909	1916	1926	rBV2	1407550	2115813	0.49%	0.167%
29	15.257	2080	2086	2098	rVB	2613424	3584206	0.83%	0.284%
30	15.398	2104	2110	2121	rBV	706593	1045587	0.24%	0.083%
31	17.015	2379	2385	2395	rBV2	1707372	2393321	0.55%	0.189%
32	17.115	2395	2402	2420	rVV	2683767	3791923	0.88%	0.300%
33	19.421	2788	2794	2807	rBV	3081541	4143993	0.96%	0.328%
34	21.221	3094	3100	3109	rBV	1821987	2429807	0.56%	0.192%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

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-BM032219MA.M
Title : SVOA CALIBRATION

35	23.285	3444	3451	3464	rBV2	2201549	4072781	0.94%	0.322%
36	23.427	3469	3475	3487	rVB2	1186308	2268431	0.52%	0.179%

Sum of corrected areas: 1264269452

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
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Acq On : 27 Mar 2019 01:59
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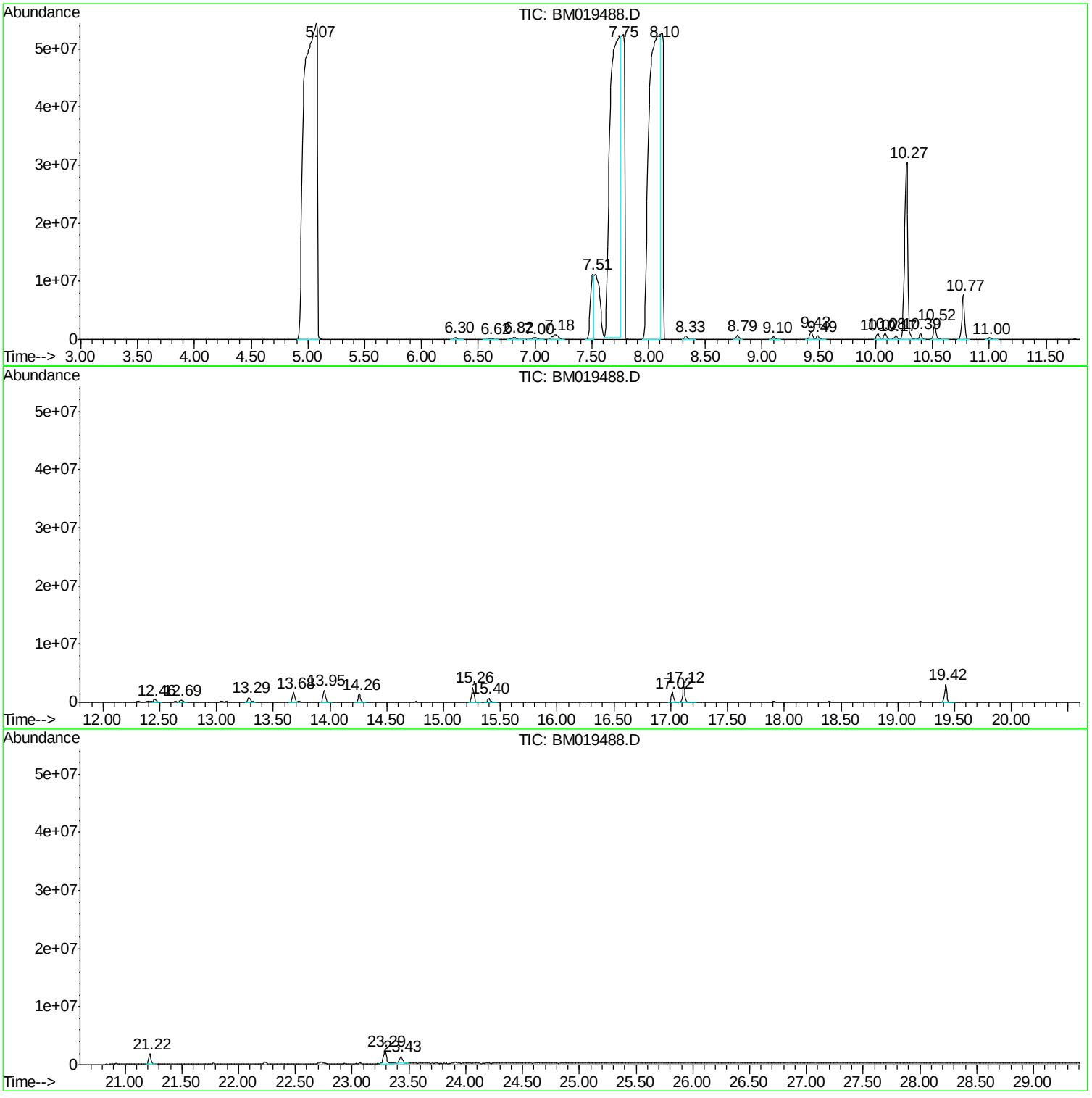
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

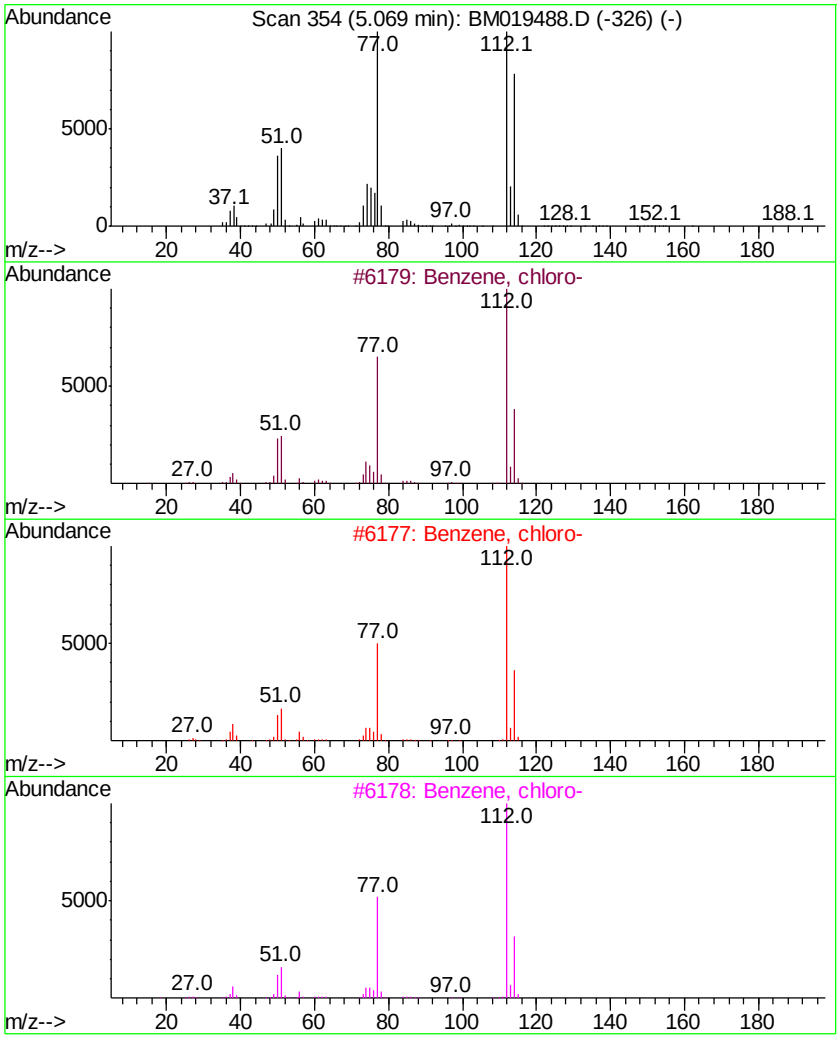
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

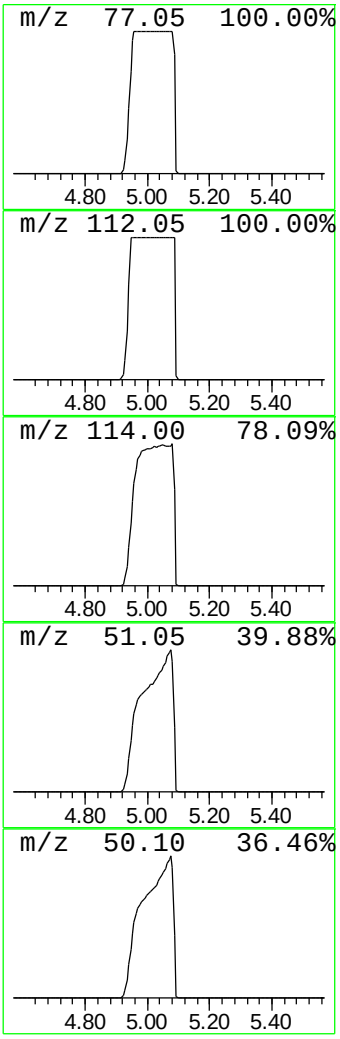
****

Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	27.21 ng/ul	433087000	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	76
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
4	Diazobenzene, 4-nitro-	151	C6H5N3O2	022719-27-3	22
5	4-Benzamido-4-dichloromethyl-2-p...	361	C17H13Cl2N3O2	076543-29-8	10





Library Search Compound Report

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Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

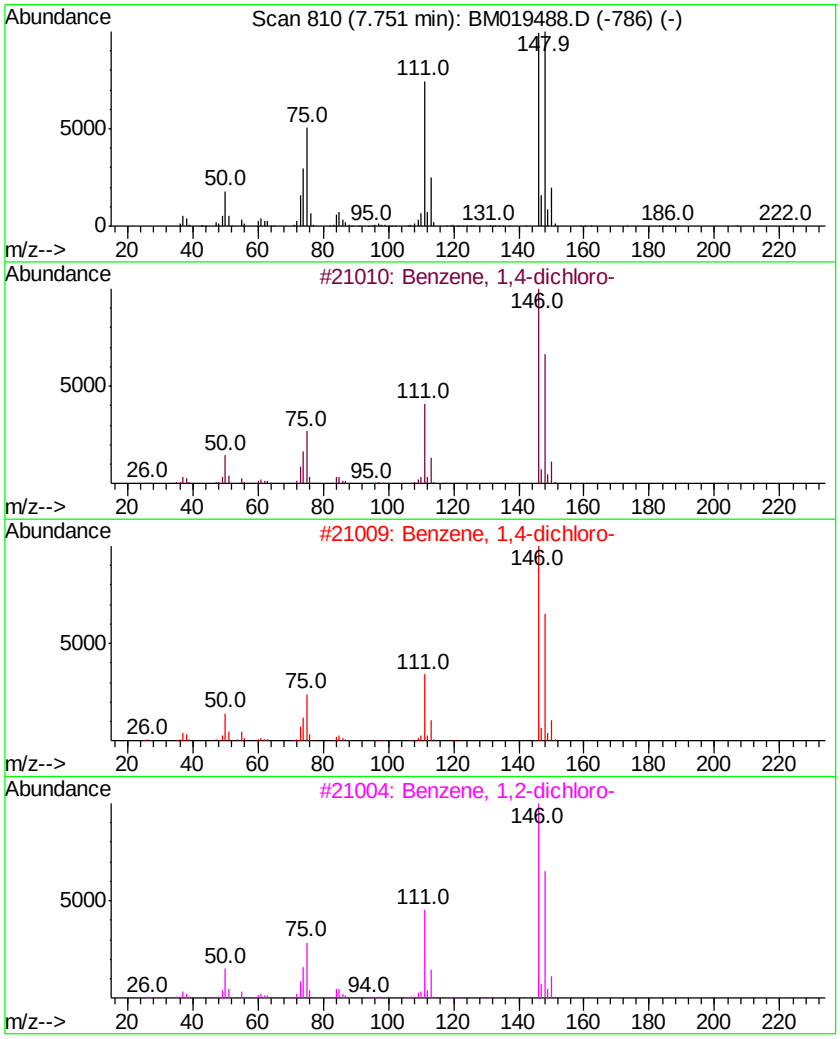
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

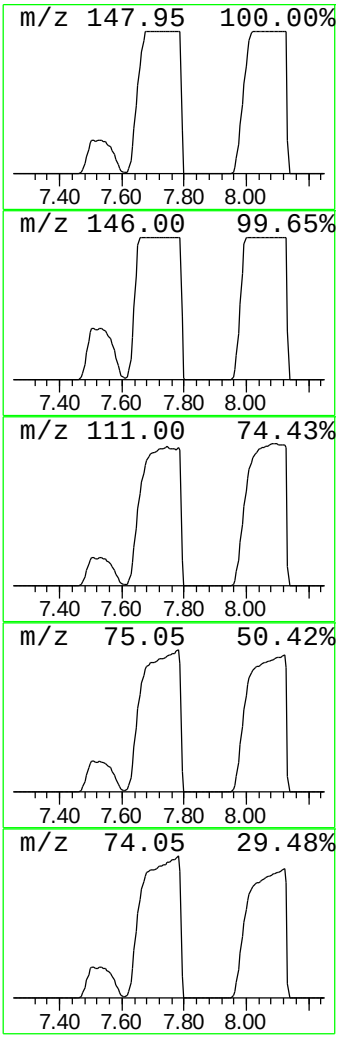
****

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	20.00 ng/ul	318357000	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

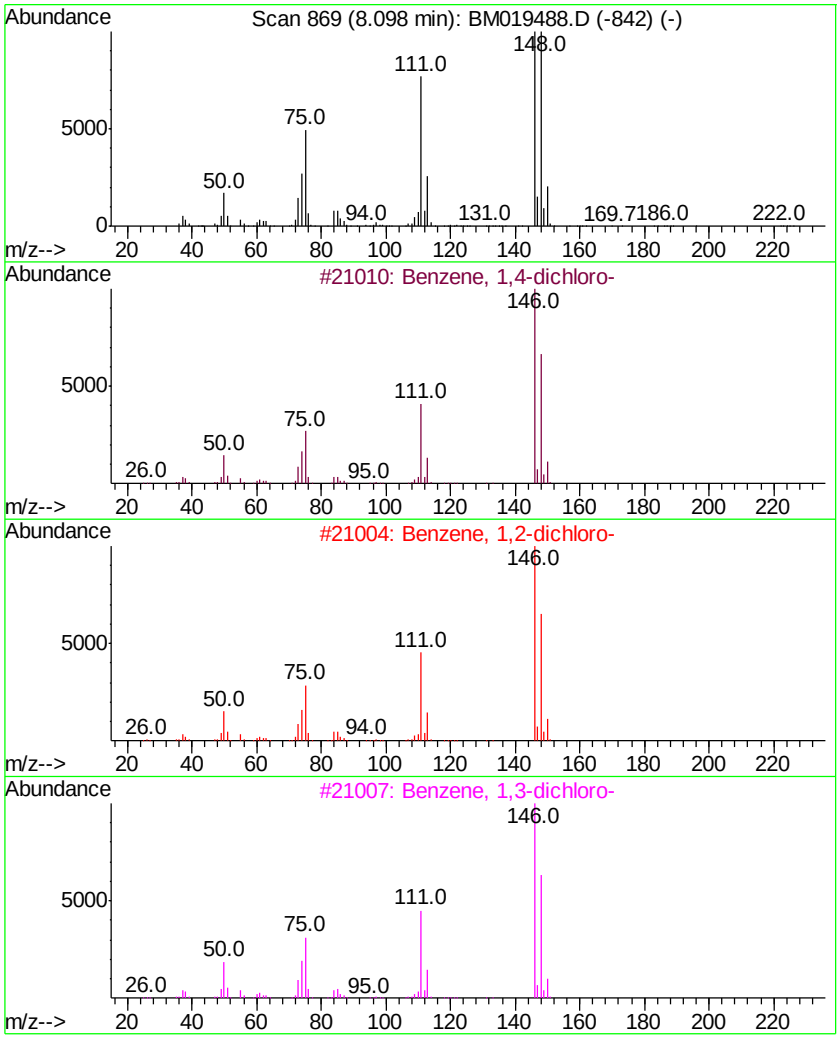
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

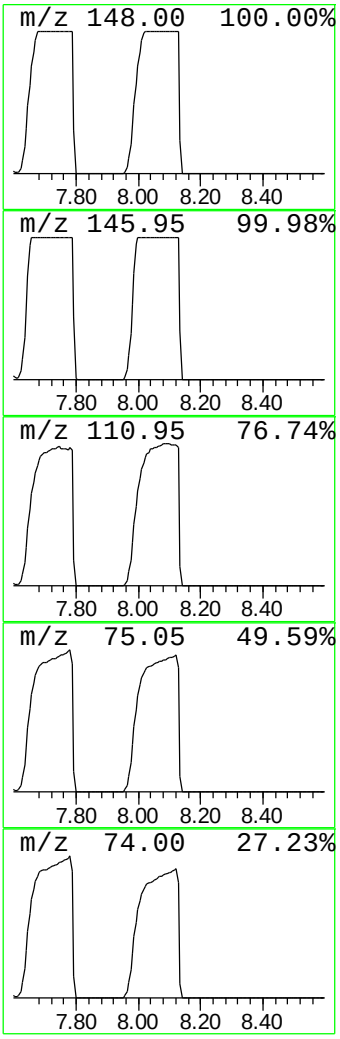
****

Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	22.61 ng/ul	359866000	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

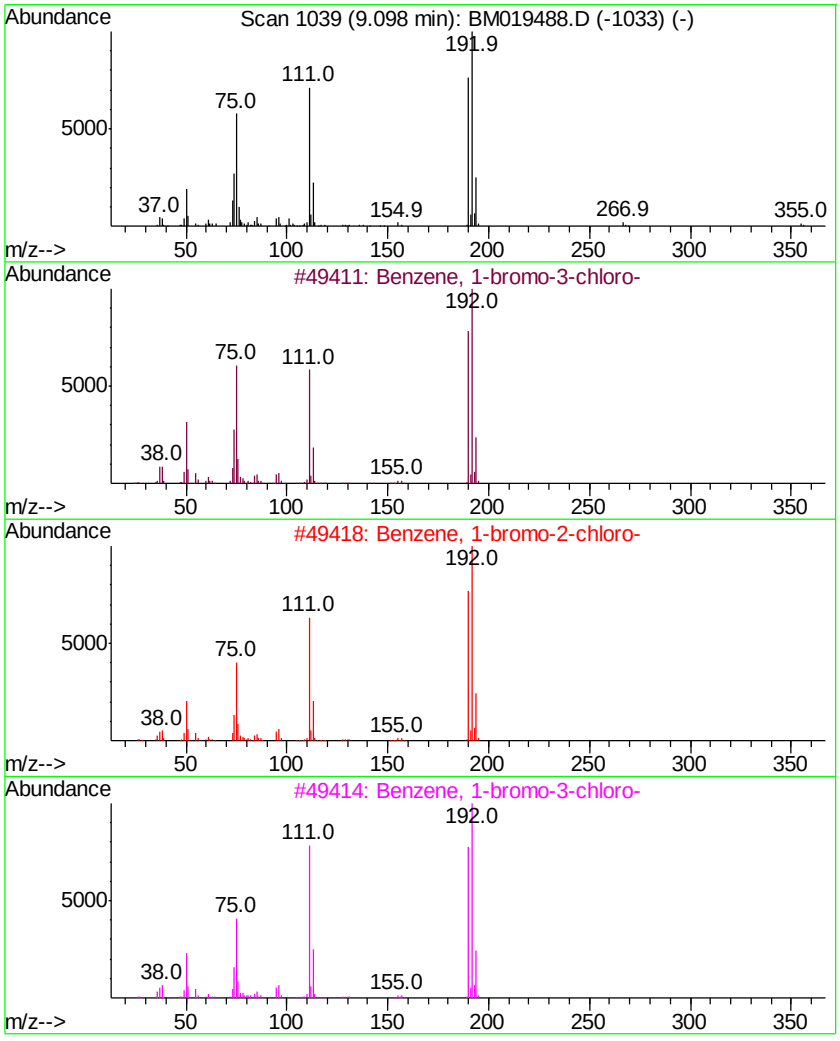
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

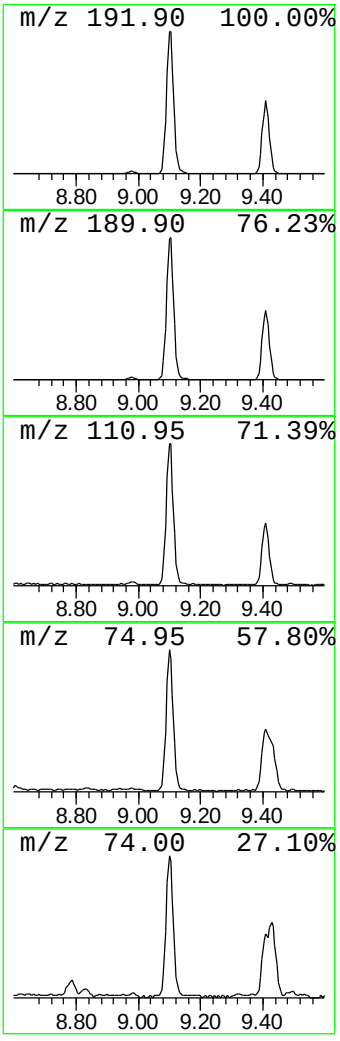
****

Peak Number 4 Benzene, 1-bromo-3-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	9.19 ng/ul	739005	Naphthalene-d8	10.39

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





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Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

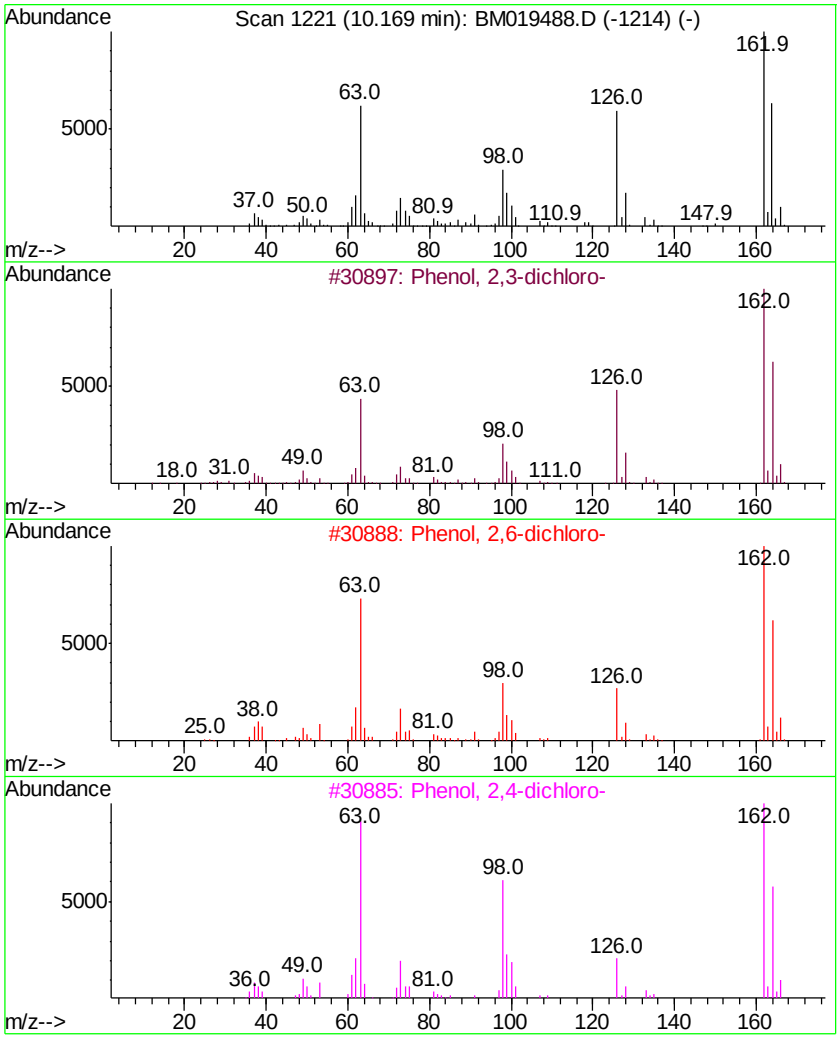
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

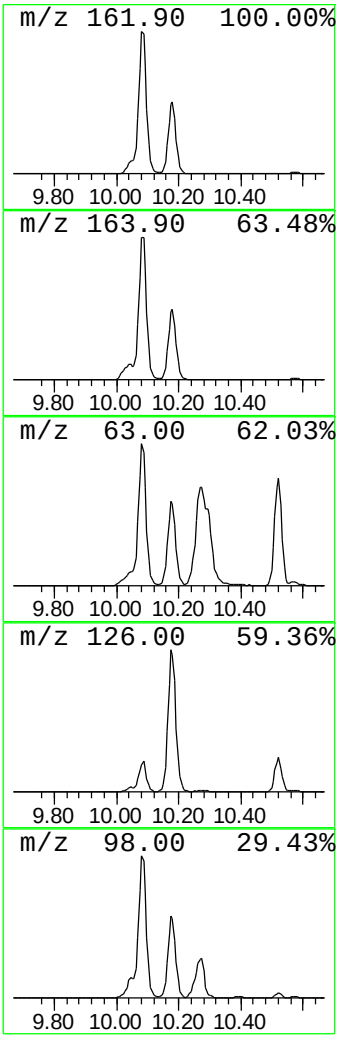
****

Peak Number 6 Phenol, 2,3-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	15.33 ng/ul	1233170	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	96
2	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	96
3	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	95
4	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	95
5	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	95





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

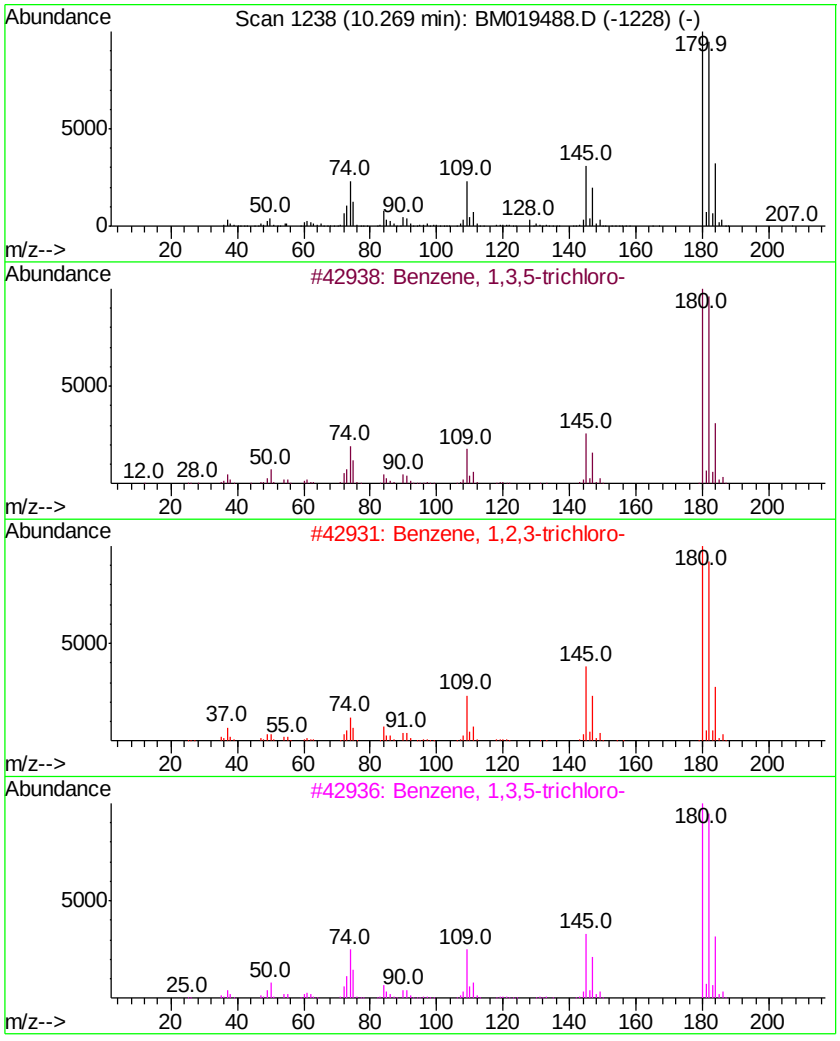
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

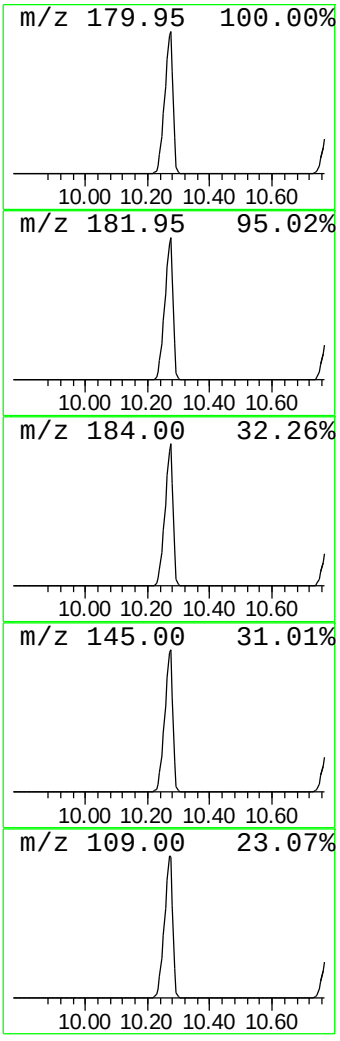
****

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	742.30 ng/ul	59720000	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

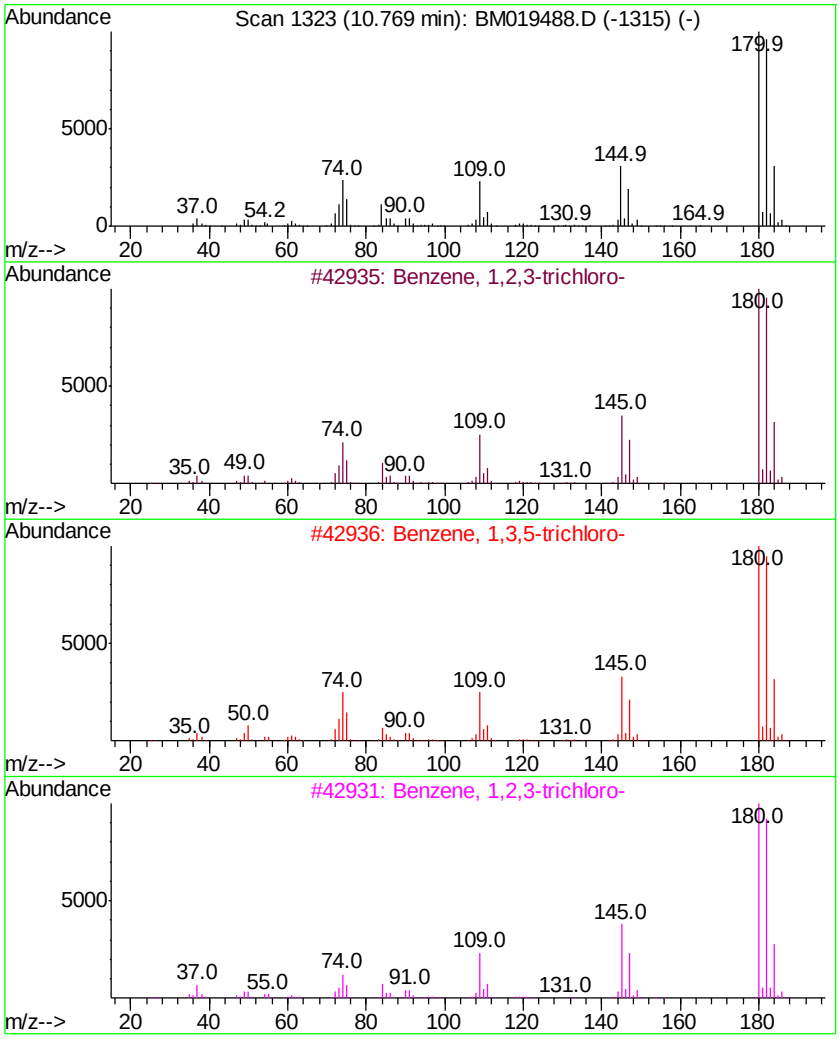
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

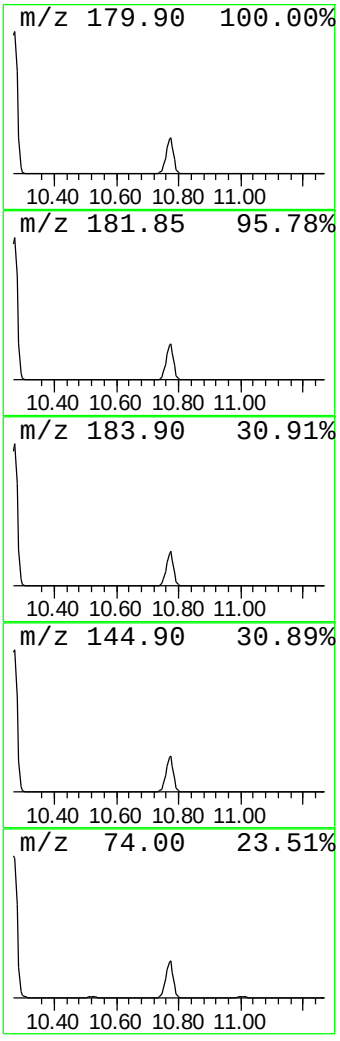
****

Peak Number 8 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	160.79 ng/ul	12936200	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97





Library Search Compound Report

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Misc :
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

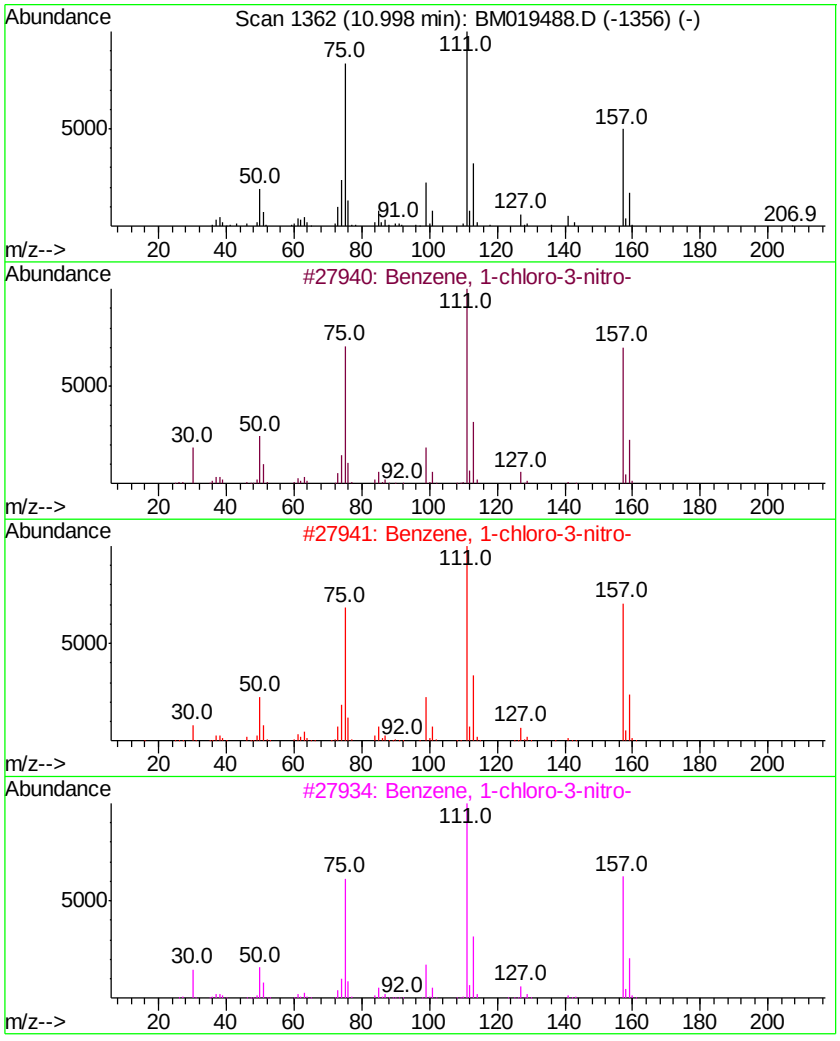
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

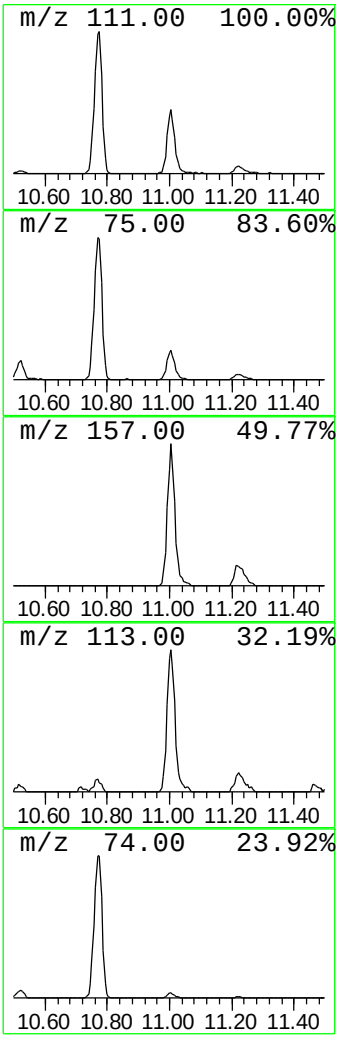
****

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	5.76 ng/ul	463510	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	80





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

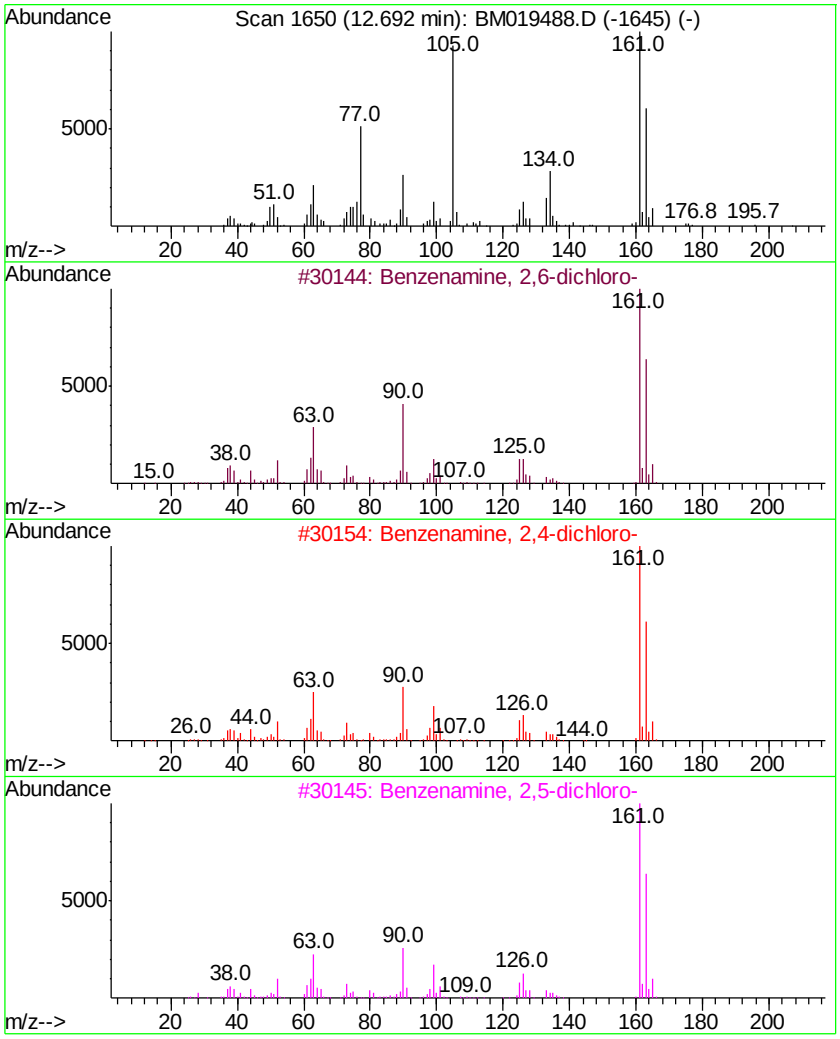
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

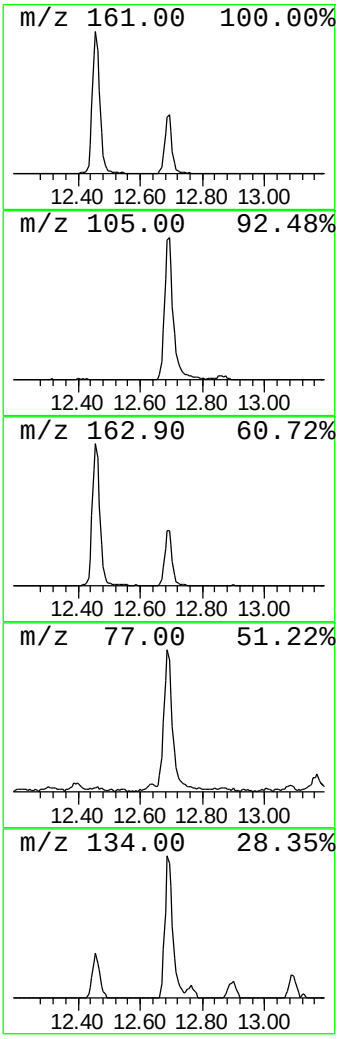
****

Peak Number 10 Benzenamine, 2,6-dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.45 ng/ul	576453	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,6-dichloro-	161	C6H5Cl2N	000608-31-1	97
2	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	97
3	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	97
4	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	96
5	Benzenamine, 2,6-dichloro-	161	C6H5Cl2N	000608-31-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032619\
Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

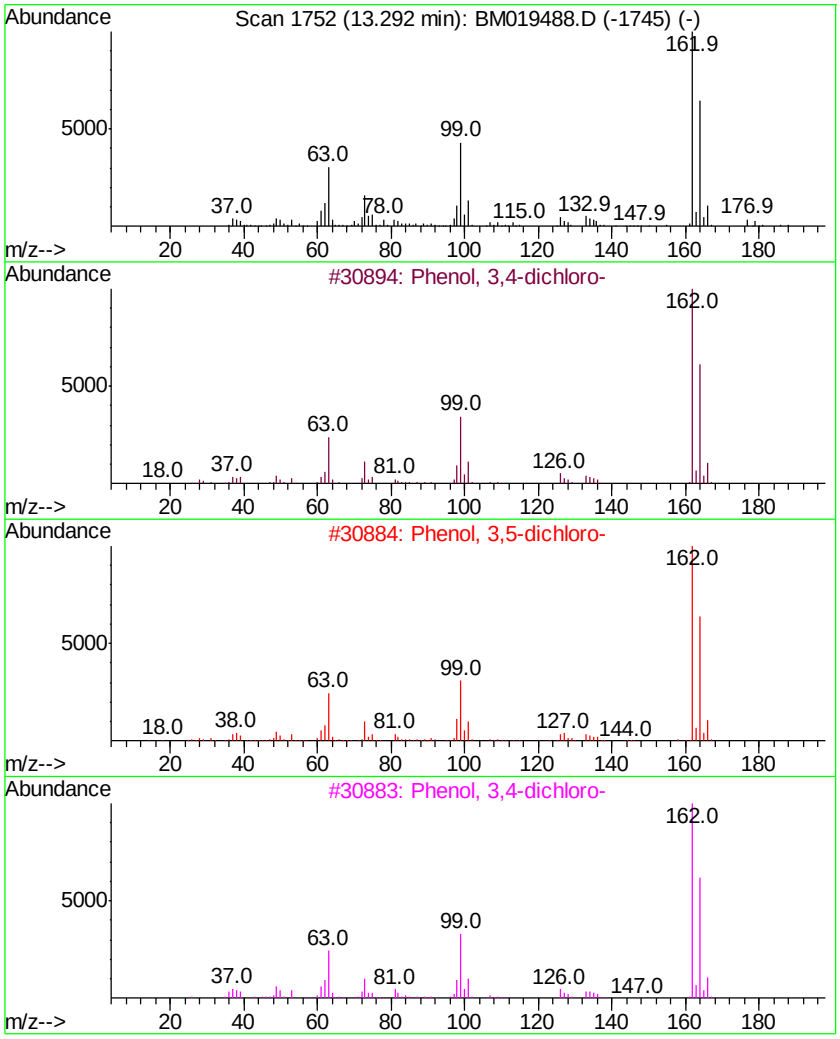
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

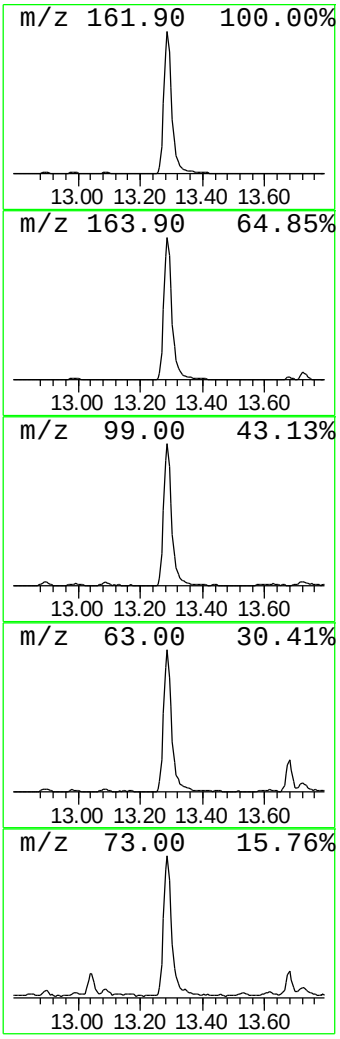
****

Peak Number 11 Phenol, 3,4-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	14.16 ng/ul	1497840	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	94
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019488.D
Acq On : 27 Mar 2019 01:59
Operator : JU/SJ
Sample : K2069-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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, chloro-	5.07	27.2	ng/ul	433087000	1	7.67	318357000	20.0
Benzene, 1,4-dich...	7.75	20.0	ng/ul	318357000	1	7.67	318357000	20.0
Benzene, 1,2-dich...	8.10	22.6	ng/ul	359866000	1	7.67	318357000	20.0
Benzene, 1-bromo-...	9.10	9.2	ng/ul	739005	2	10.39	1609050	20.0
Phenol, 2,3-dichl...	10.17	15.3	ng/ul	1233170	2	10.39	1609050	20.0
Benzene, 1,3,5-tr...	10.27	742.3	ng/ul	59720000	2	10.39	1609050	20.0
Benzene, 1,2,3-tr...	10.77	160.8	ng/ul	12936200	2	10.39	1609050	20.0
Benzene, 1-chloro...	11.00	5.8	ng/ul	463510	2	10.39	1609050	20.0
Benzenamine, 2,6-...	12.69	5.5	ng/ul	576453	3	14.26	2115810	20.0
Phenol, 3,4-dichl...	13.29	14.2	ng/ul	1497840	3	14.26	2115810	20.0