LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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	4.981	326	339	344	rBV3	47261020	131744268	50.69%	15.833%
2	6.793	642	647	660	rVB	195343	331739	0.13%	0.040%
3	6.969	669	677	693	rBV	559565	1086432	0.42%	0.131%
4	7.145	700	707	722	rVB	705970	1217595	0.47%	0.146%
5	7.510	758	769	781	rBV	16358945	35458447	13.64%	4.261%
6	7.710	781	803	807	rBV6	50100750	207028101	79.66%	24.880%
7	8.051	838	861	865	rBV5	50769372	259884501	100.00%	31.233%
8	8.322	901	907	921	rBV	520728	909890	0.35%	0.109%
9	8.786	977	986	988	rBV	682154	1237728	0.48%	0.149%
10	8.839	988	995	1010	rVB	7737867	13656583	5.25%	1.641%
11	9.098	1032	1039	1049	rVB	407329	629697	0.24%	0.076%
12	9.410	1087	1092	1100	rVV	201728	350680	0.13%	0.042%
13	9.492	1100	1106	1121	rVB	615521	1134415	0.44%	0.136%
14	10.028	1189	1197	1208	rBV	928292	1595870	0.61%	0.192%
15	10.292	1227	1242	1246	rBV	41534204	98188281	37.78%	11.800%
16	10.404	1254	1261	1268	rBV	1011488	1520027	0.58%	0.183%
17	10.786	1315	1326	1339	rBV	17814244	29874081	11.50%	3.590%
18	11.016	1356	1365	1387	rVB	5501683	8881149	3.42%	1.067%
19	11.222	1392	1400	1414	rBV	1238024	2411804	0.93%	0.290%
20	12.433	1592	1606	1615	rBV	1239493	2169067	0.83%	0.261%
21	12.851	1671	1677	1685	rBV	222408	356694	0.14%	0.043%
22	13.051	1704	1711	1723	rBV	3381704	4874296	1.88%	0.586%
23	13.680	1811	1818	1824	rBV	1471311	2156523	0.83%	0.259%
24	13.957	1858	1865	1875	rBV	1955194	2755040	1.06%	0.331%
25	14.263	1909	1917	1925	rBV2	1208724	1812326	0.70%	0.218%
26	15.263	2081	2087	2099	rBV	2213898	3126469	1.20%	0.376%
27	15.415	2106	2113	2122	rBV	236447	357094	0.14%	0.043%
28	17.021	2380	2386	2393	rBV2	1289603	1852715	0.71%	0.223%
29	17.121	2397	2403	2416	rVV2	2266048	3193285	1.23%	0.384%
30	19.433	2790	2796	2802	rBV	2592764	3542802	1.36%	0.426%
31	21.227	3097	3101	3107	rBV	1706004	2169533	0.83%	0.261%
32	23.309	3449	3455	3464	rVB2	2307963	4249239	1.64%	0.511%
33	23.450	3473	3479	3486	rBV	1305739	2338532	0.90%	0.281%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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

Sum of corrected areas: 832094903

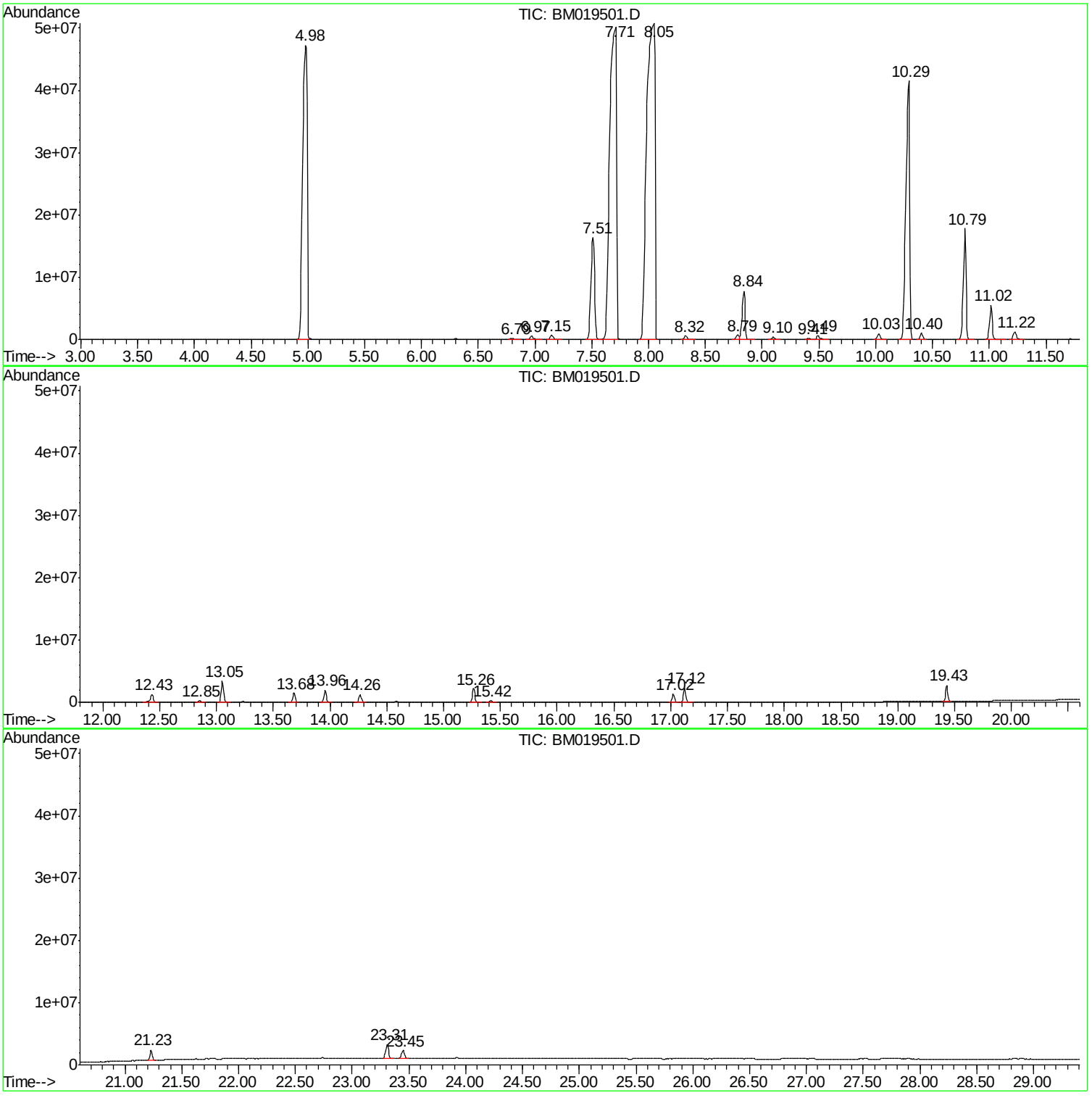
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E0

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

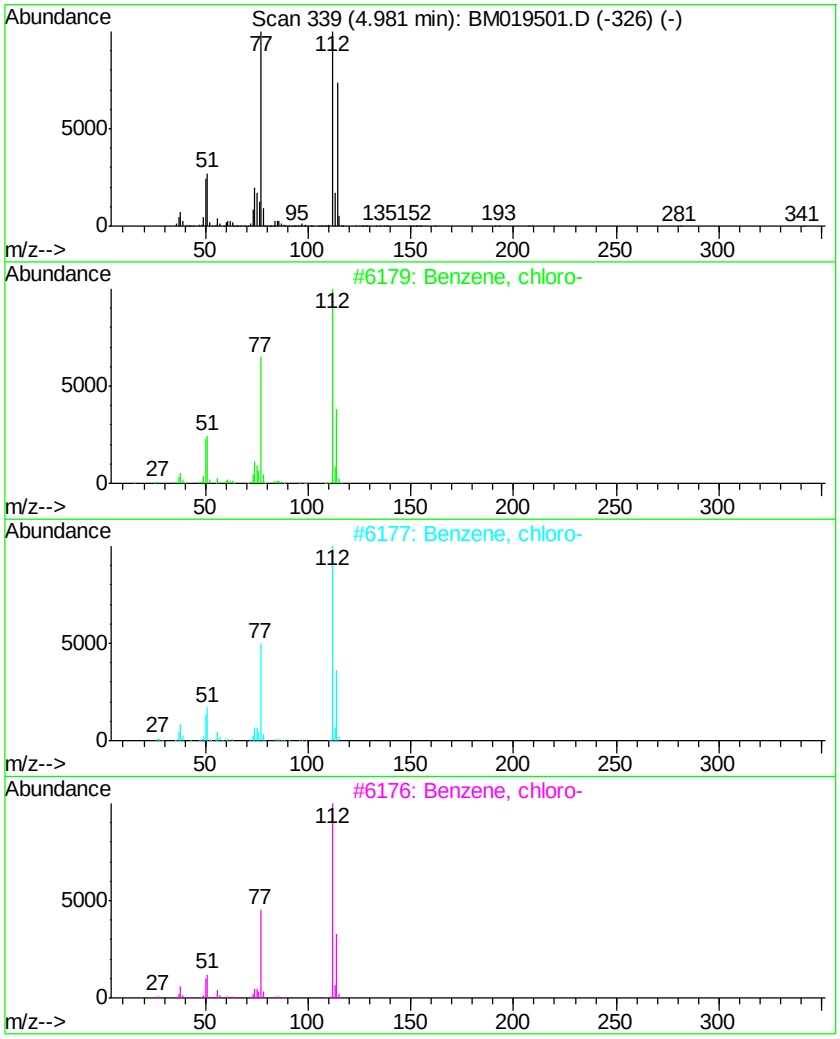
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

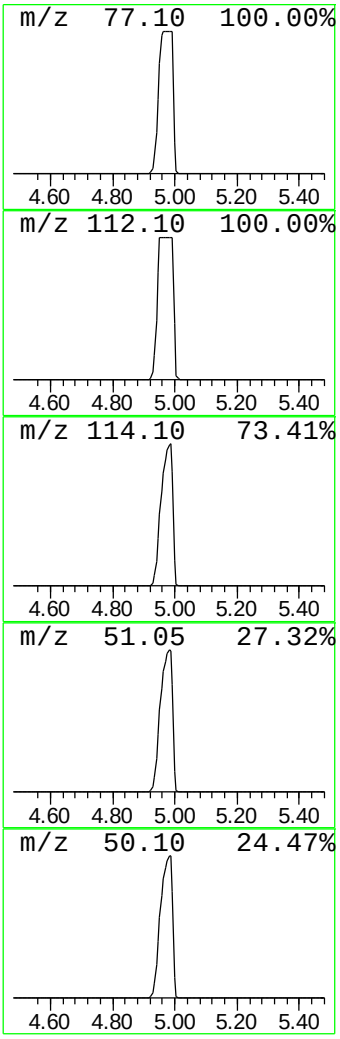
****

Peak Number 1 Benzene, chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	12.73 ng/ul	131744000	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	64
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	58
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	53
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E0

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

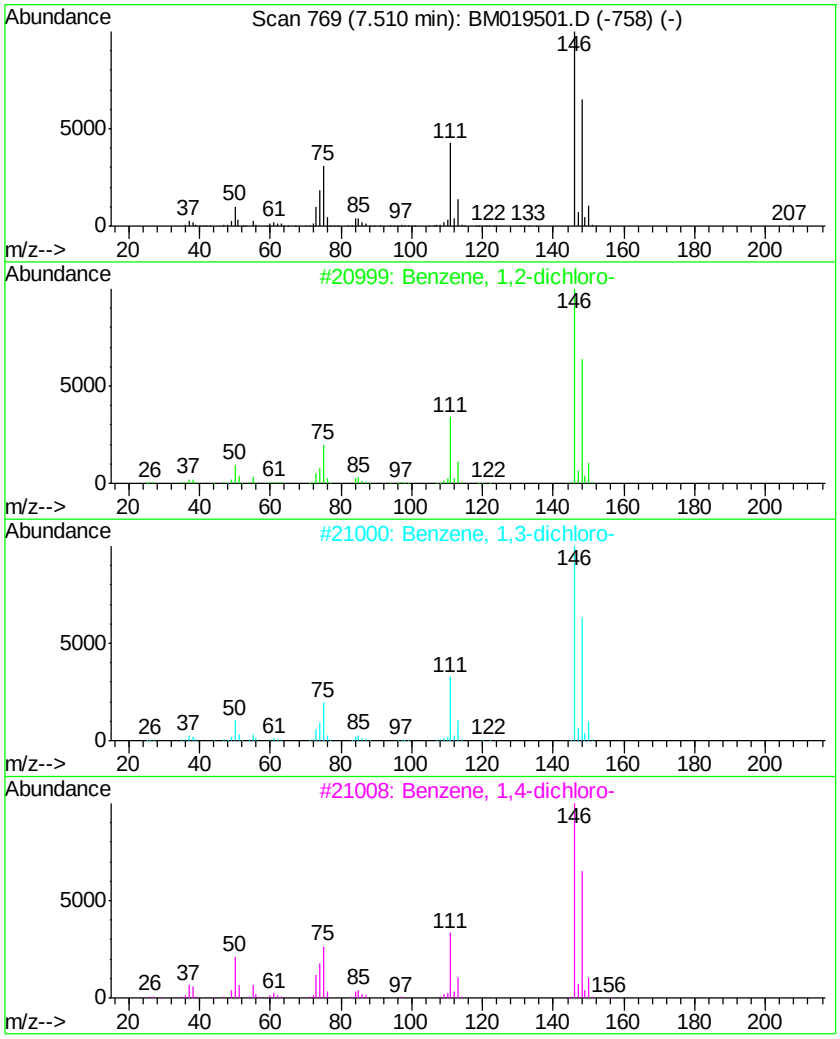
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

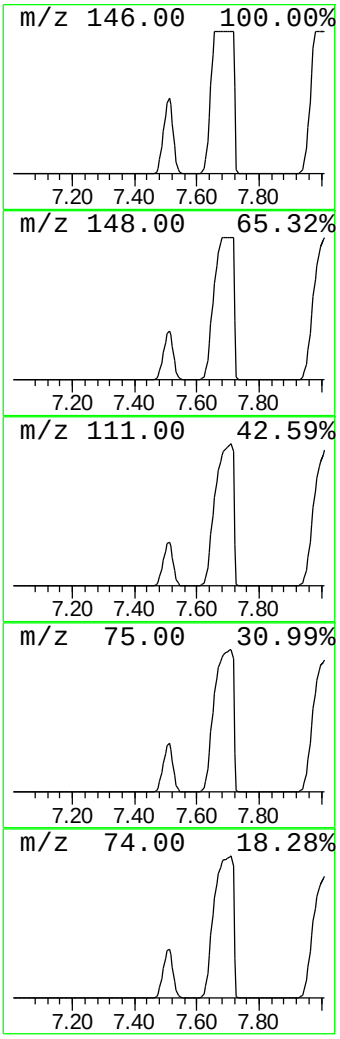
****

Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	3.43 ng/ul	35458400	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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

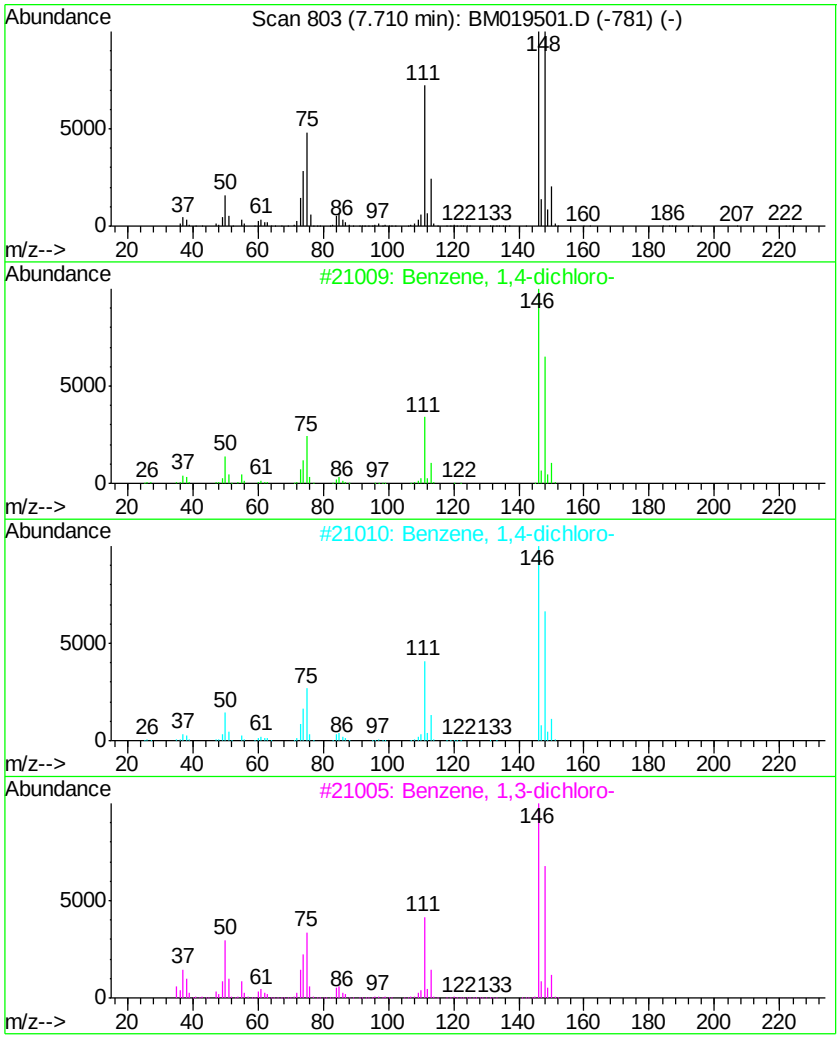
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

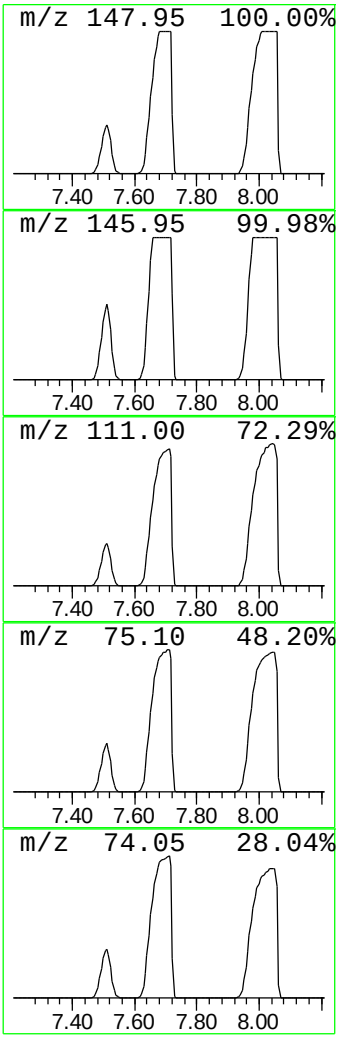
****

Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	20.00 ng/ul	207028000	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	93
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	81
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	81
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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

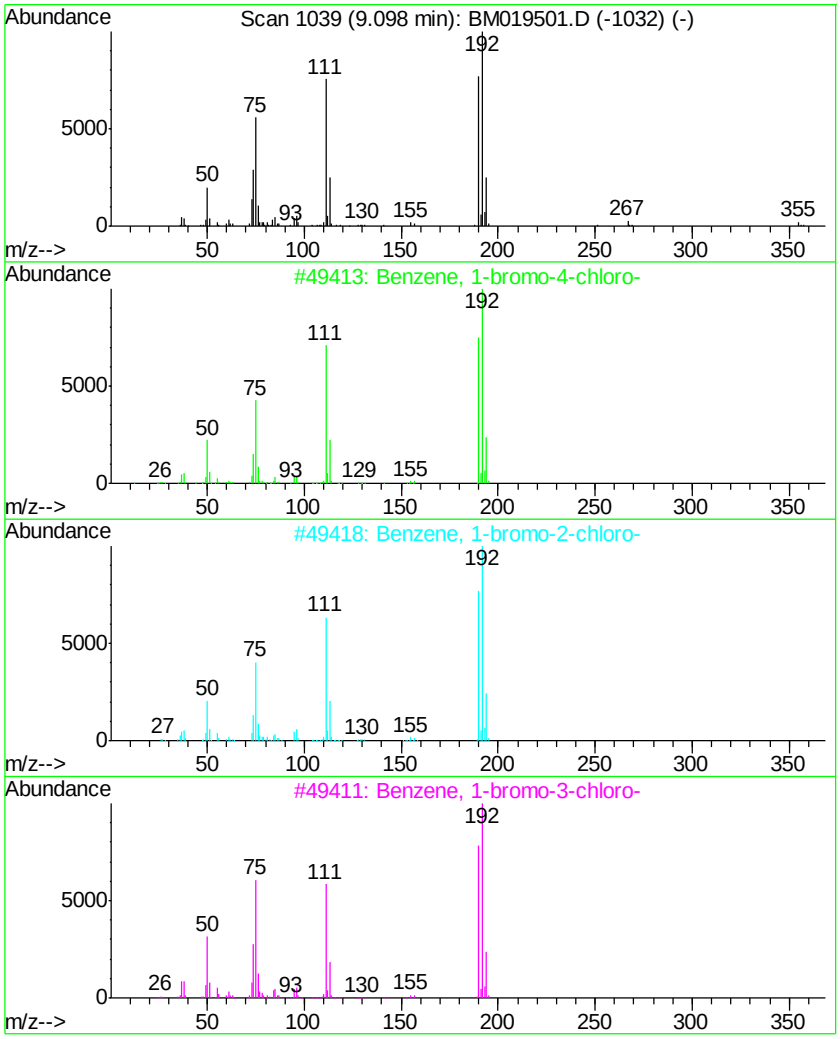
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

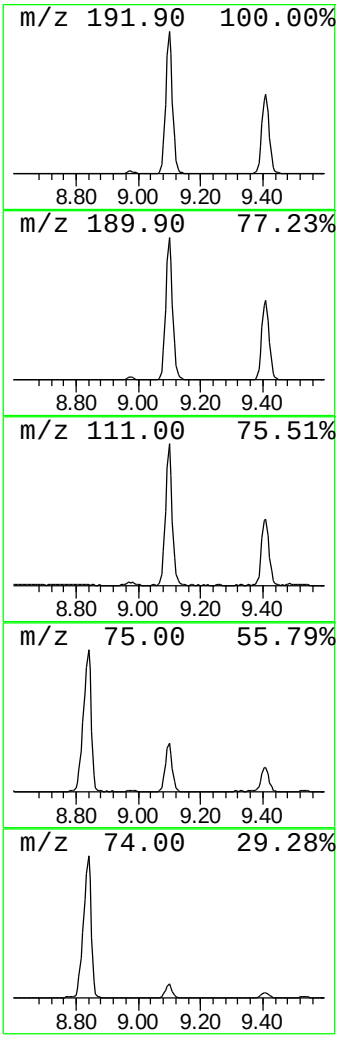
****

Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	8.29 ng/ul	629697	Naphthalene-d8	10.40

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-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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

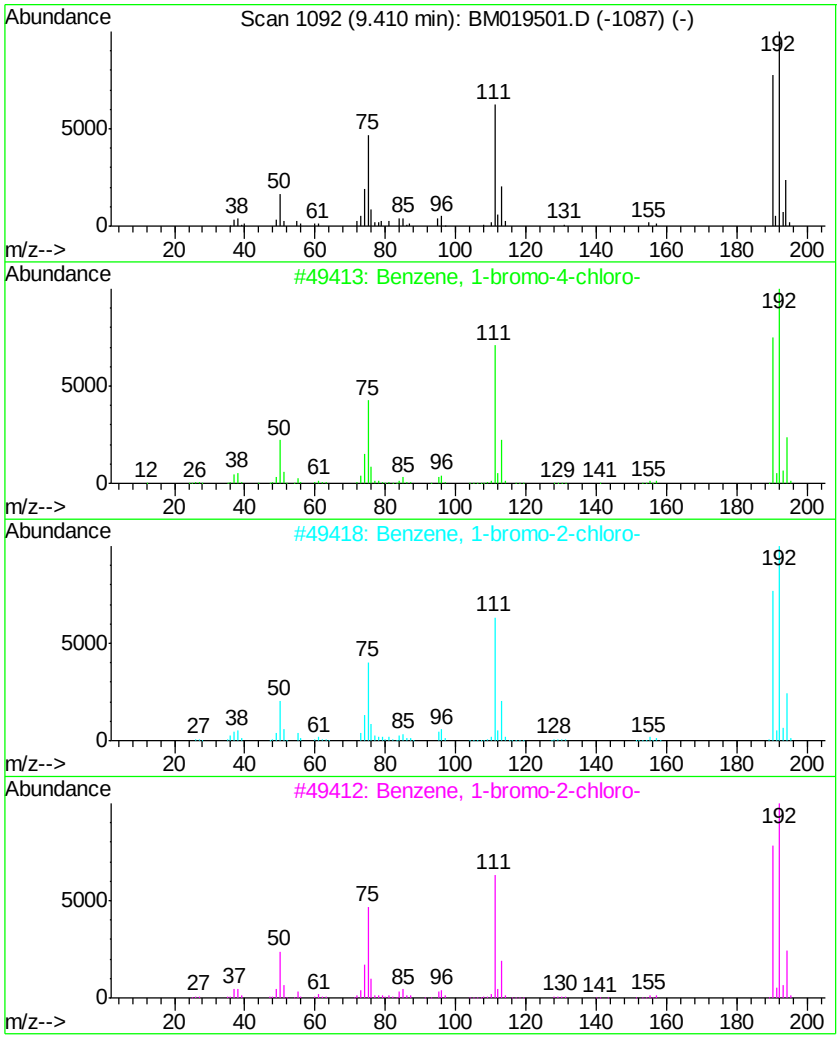
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

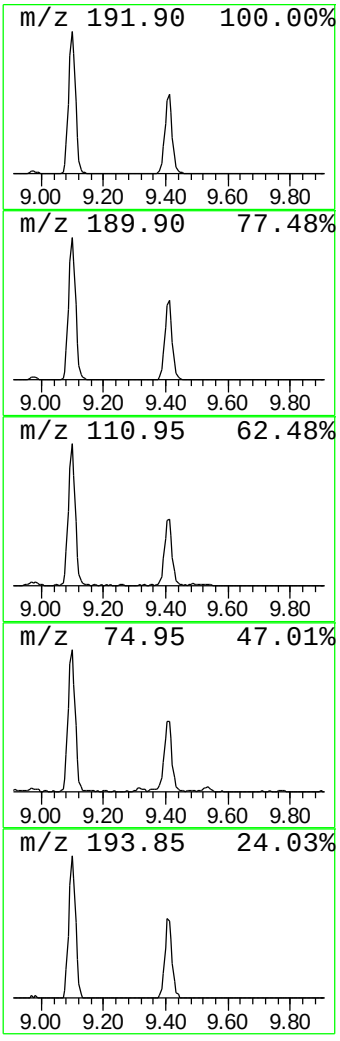
****

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	4.61 ng/ul	350680	Naphthalene-d8	10.40

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-2-chloro-	190	C6H4BrCl	000694-80-4	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	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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

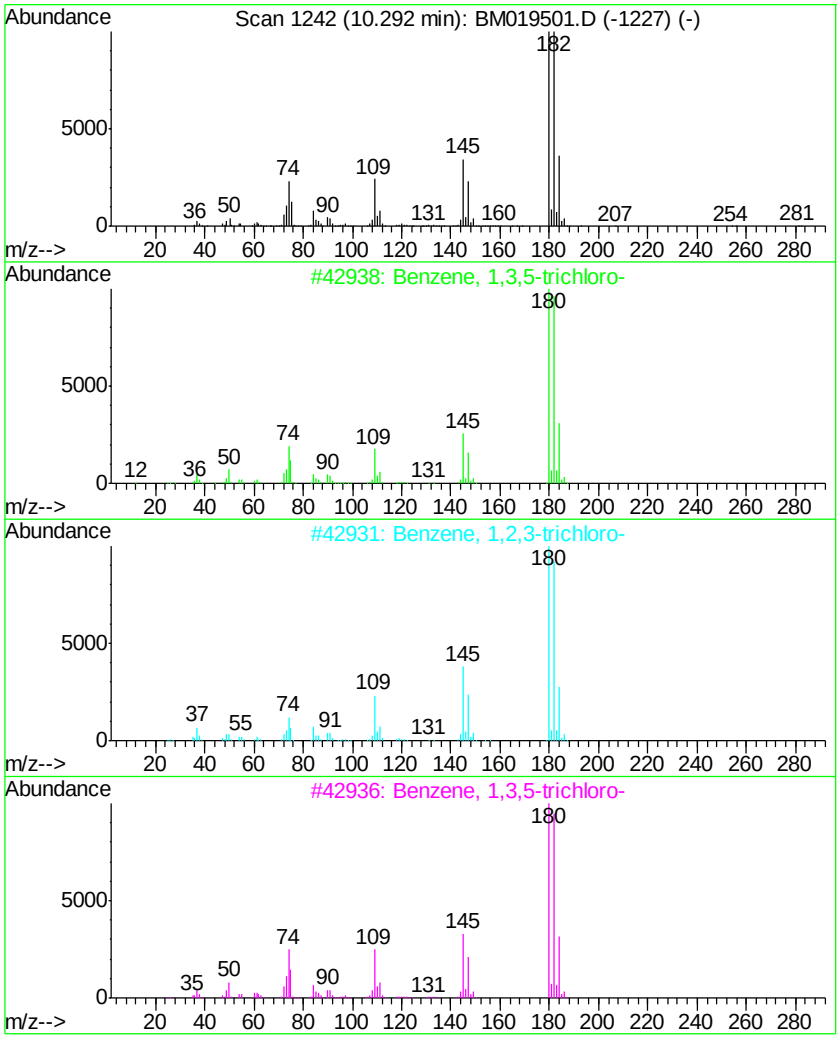
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

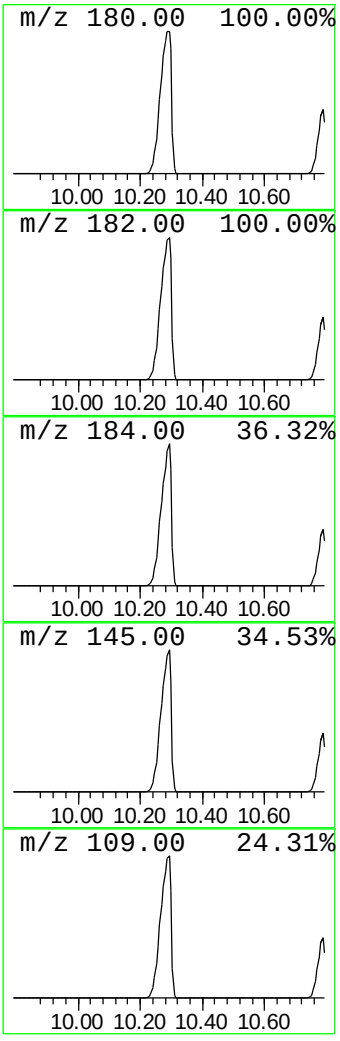
****

Peak Number 6 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	1291.93 ng/ul	98188300	Naphthalene-d8	10.40

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	97
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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

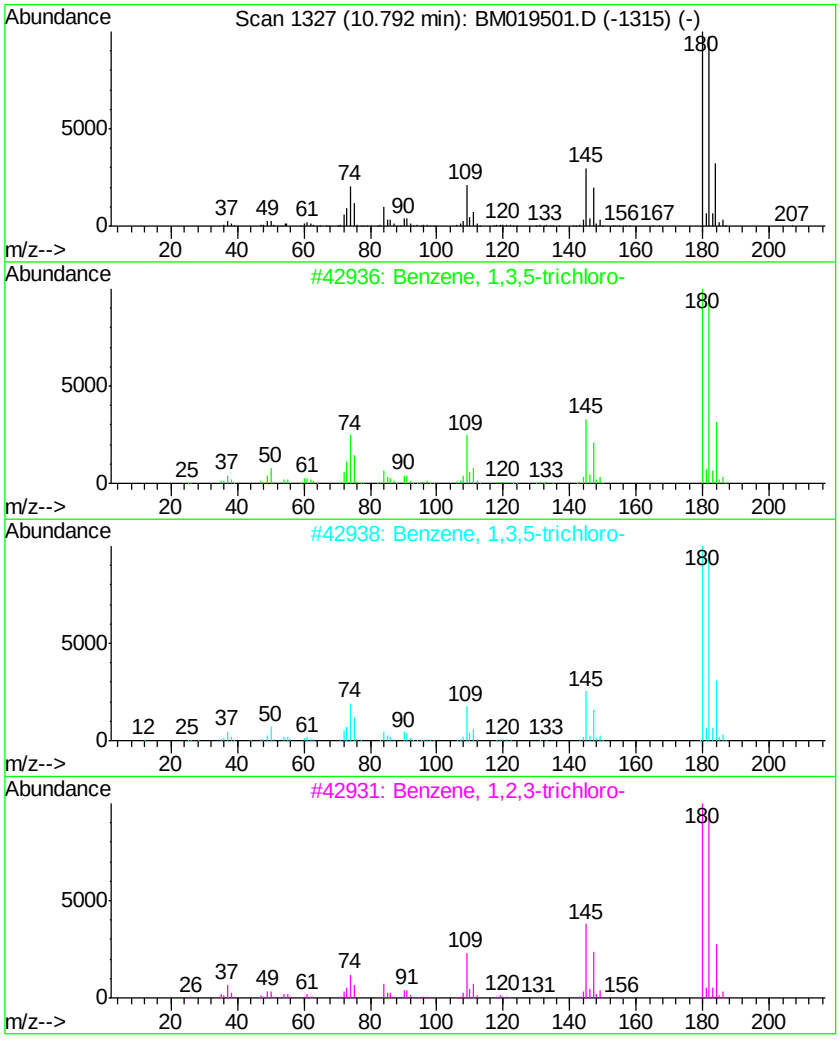
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

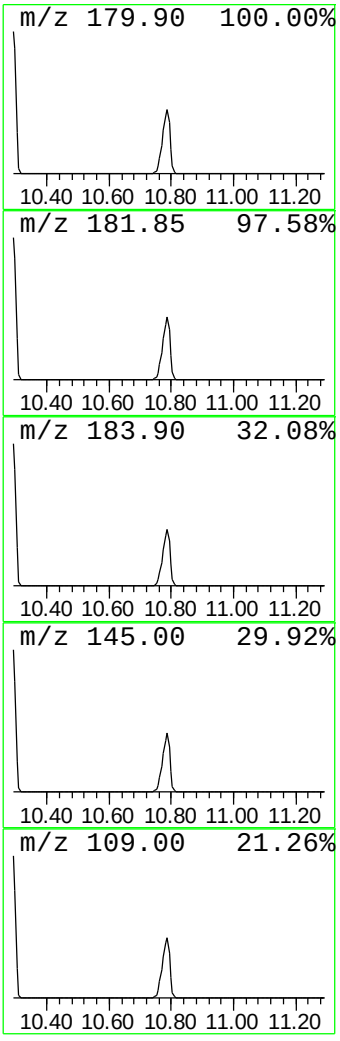
****

Peak Number 7 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	393.07 ng/ul	29874100	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09E0

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

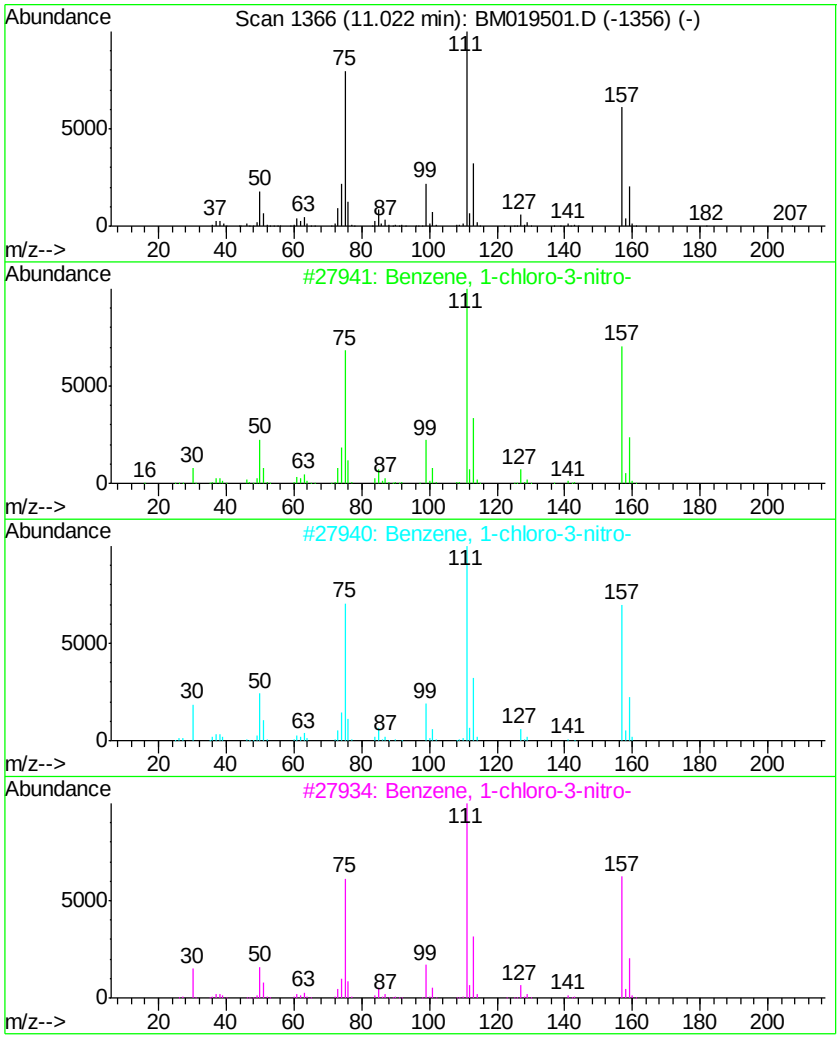
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

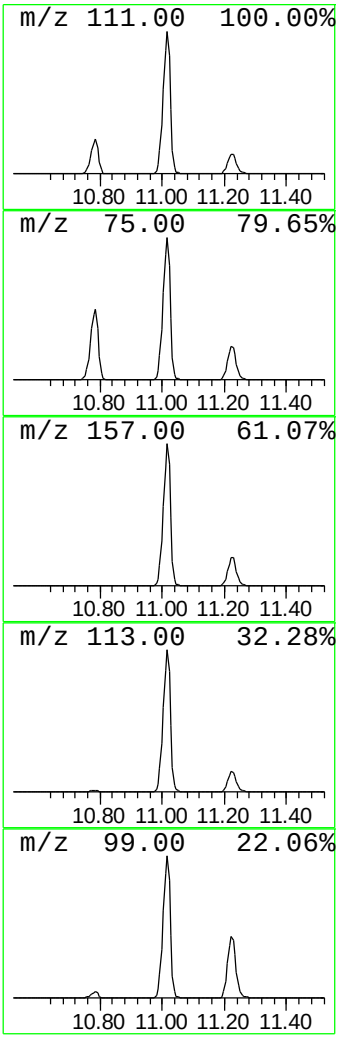
****

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	116.86 ng/ul	8881150	Naphthalene-d8	10.40

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	95
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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

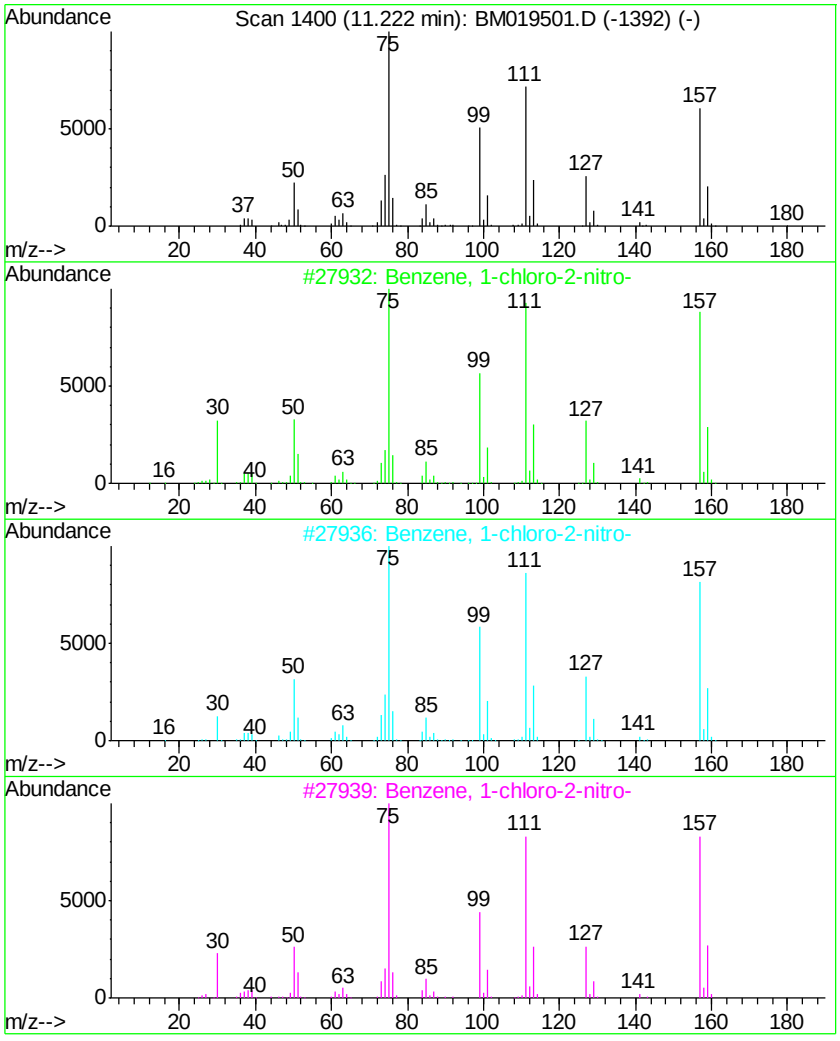
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

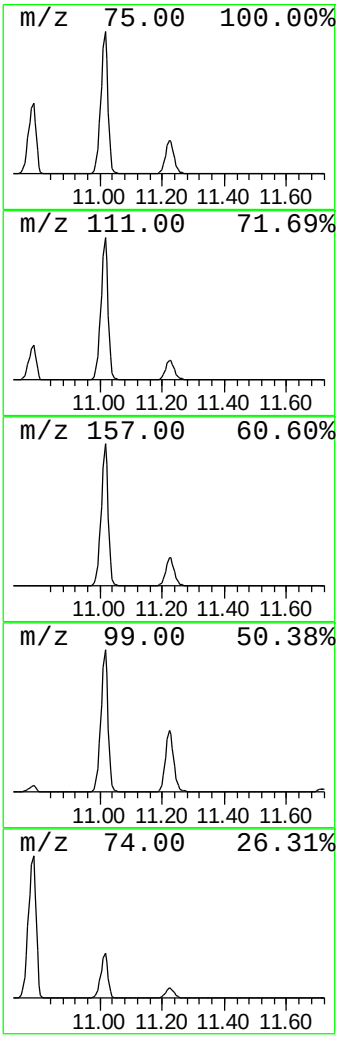
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	31.73 ng/ul	2411800	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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

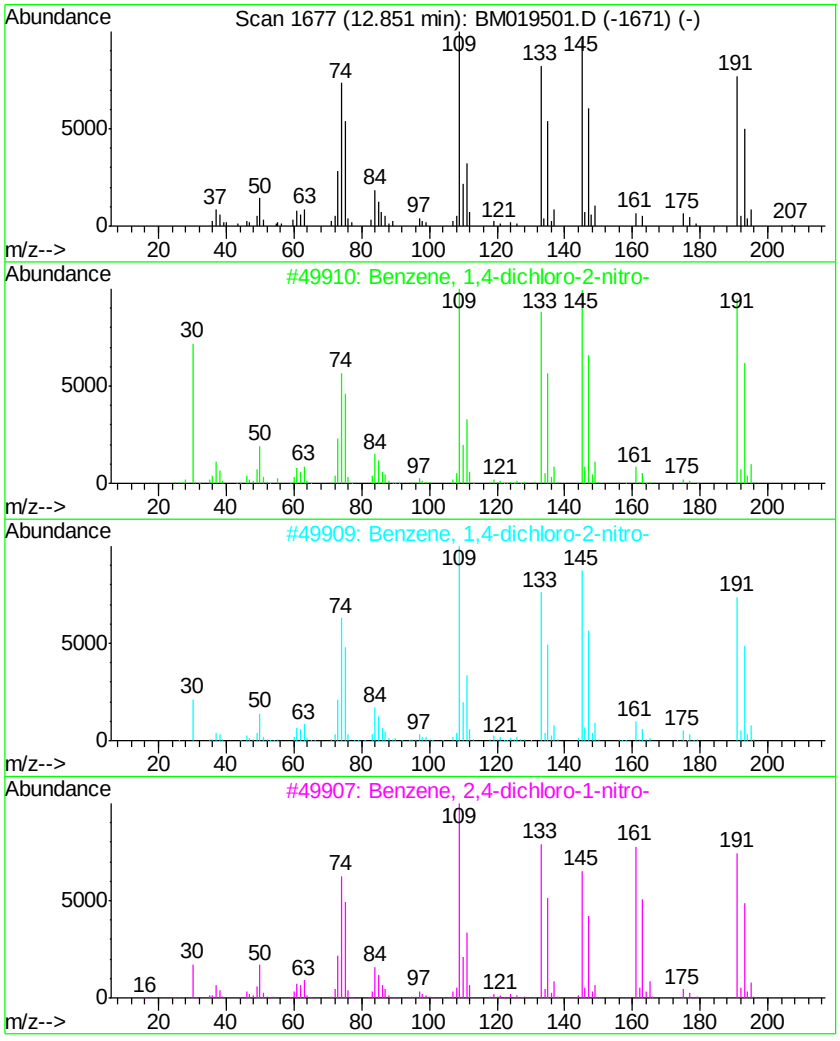
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

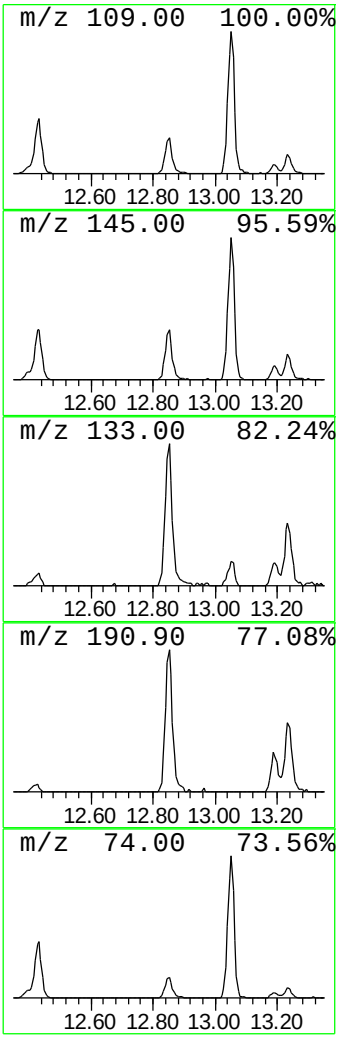
****

Peak Number 10 Benzene, 1,4-dichloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	3.94 ng/ul	356694	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	98
2	Benzene, 1,4-dichloro-2-nitro-	191	C6H3Cl2NO2	000089-61-2	96
3	Benzene, 2,4-dichloro-1-nitro-	191	C6H3Cl2NO2	000611-06-3	95
4	Benzene, 1,2-dichloro-4-nitro-	191	C6H3Cl2NO2	000099-54-7	94
5	Benzene, 2,4-dichloro-1-nitro-	191	C6H3Cl2NO2	000611-06-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019501.D
Acq On : 27 Mar 2019 09:56
Operator : JU/SJ
Sample : K2069-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E0

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-	4.98	12.7	ng/ul	131744000	1	7.65	207028000	20.0
Benzene, 1,2-dich...	7.51	3.4	ng/ul	35458400	1	7.65	207028000	20.0
Benzene, 1,4-dich...	7.71	20.0	ng/ul	207028000	1	7.65	207028000	20.0
Benzene, 1-bromo-...	9.10	8.3	ng/ul	629697	2	10.40	1520030	20.0
Benzene, 1-bromo-...	9.41	4.6	ng/ul	350680	2	10.40	1520030	20.0
Benzene, 1,3,5-tr...	10.29	1291.9	ng/ul	98188300	2	10.40	1520030	20.0
Benzene, 1,2,3-tr...	10.79	393.1	ng/ul	29874100	2	10.40	1520030	20.0
Benzene, 1-chloro...	11.02	116.9	ng/ul	8881150	2	10.40	1520030	20.0
Benzene, 1-chloro...	11.22	31.7	ng/ul	2411800	2	10.40	1520030	20.0
Benzene, 1,4-dich...	12.85	3.9	ng/ul	356694	3	14.26	1812330	20.0