LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D6

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	3.146	24	27	34	rVB	25851	40061	0.40%	0.069%
2	3.746	127	129	134	rVB4	11193	13284	0.13%	0.023%
3	3.846	143	146	153	rVB2	9775	14296	0.14%	0.025%
4	4.946	327	333	345	rBV	1015115	1455689	14.53%	2.521%
5	6.787	641	646	659	rBV	109069	207585	2.07%	0.360%
6	6.951	669	674	691	rBV	453107	782496	7.81%	1.355%
7	7.134	699	705	719	rBV	537943	872821	8.71%	1.512%
8	7.487	758	765	775	rVV	620608	969002	9.67%	1.678%
9	7.598	778	784	787	rVV	552490	872309	8.71%	1.511%
10	7.634	787	790	806	rVB	528957	822823	8.22%	1.425%
11	7.945	833	843	857	rBV	2159037	3426426	34.21%	5.935%
12	8.316	900	906	923	rBV	339312	629555	6.29%	1.090%
13	8.769	976	983	1004	rBV	529119	948901	9.47%	1.644%
14	9.092	1033	1038	1044	rVB4	11242	20588	0.21%	0.036%
15	9.310	1071	1075	1079	rBV	23316	33878	0.34%	0.059%
16	9.363	1079	1084	1087	rVV3	28637	55628	0.56%	0.096%
17	9.398	1087	1090	1098	rVB2	30775	52903	0.53%	0.092%
18	9.481	1098	1104	1118	rBV	442915	808573	8.07%	1.401%
19	9.757	1147	1151	1159	rBV3	9280	15857	0.16%	0.027%
20	10.010	1188	1194	1215	rBV	606920	1196974	11.95%	2.073%
21	10.245	1226	1234	1246	rBV	6249489	10015910	100.00%	17.348%
22	10.380	1251	1257	1267	rVB	763988	1213004	12.11%	2.101%
23	10.580	1287	1291	1304	rBV3	12749	32320	0.32%	0.056%
24	10.763	1314	1322	1340	rBV	3686532	6117064	61.07%	10.595%
25	11.586	1458	1462	1470	rVB3	7860	12283	0.12%	0.021%
26	11.992	1527	1531	1537	rVB	6973	11487	0.11%	0.020%
27	12.398	1594	1600	1601	rBV	43924	58461	0.58%	0.101%
28	12.427	1601	1605	1615	rVB	148511	254020	2.54%	0.440%
29	12.698	1645	1651	1658	rBV5	11583	23090	0.23%	0.040%
30	13.045	1703	1710	1723	rBV	806650	1296201	12.94%	2.245%
31	13.363	1760	1764	1771	rVB4	7537	14601	0.15%	0.025%
32	13.680	1812	1818	1830	rBV	1143192	1734121	17.31%	3.004%
33	13.951	1856	1864	1877	rBV	1574681	2237240	22.34%	3.875%
34	14.257	1907	1916	1928	rBV2	1013638	1523364	15.21%	2.639%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D6

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	14.539	1960	1964	1966	rBV3	16937	28425	0.28%	0.049%
36	14.574	1966	1970	1979	rVB	58973	95256	0.95%	0.165%
37	14.804	2005	2009	2016	rVB3	67771	99893	1.00%	0.173%
38	15.257	2080	2086	2098	rBV	1924088	2765247	27.61%	4.790%
39	15.404	2105	2111	2123	rBV	445891	702927	7.02%	1.218%
40	15.504	2124	2128	2134	rVB2	21829	34188	0.34%	0.059%
41	17.015	2379	2385	2395	rBV	1219197	1680551	16.78%	2.911%
42	17.115	2396	2402	2422	rVV	2057644	2931898	29.27%	5.078%
43	17.909	2535	2537	2543	rBV3	6659	10154	0.10%	0.018%
44	19.056	2729	2732	2739	rVB	15340	19396	0.19%	0.034%
45	19.198	2753	2756	2761	rBV5	10316	14737	0.15%	0.026%
46	19.309	2770	2775	2779	rBV	14137	17937	0.18%	0.031%
47	19.421	2788	2794	2804	rBV	2502165	3334761	33.29%	5.776%
48	21.221	3095	3100	3112	rBV	1425462	2004306	20.01%	3.472%
49	21.786	3194	3196	3200	rVB4	31330	29746	0.30%	0.052%
50	22.239	3271	3273	3278	rVB2	61264	70537	0.70%	0.122%
51	22.738	3355	3358	3362	rVB	80058	99125	0.99%	0.172%
52	23.297	3446	3453	3464	rBV	2177335	3845868	38.40%	6.661%
53	23.438	3470	3477	3490	rVB	1153299	2165825	21.62%	3.751%

Sum of corrected areas: 57733592

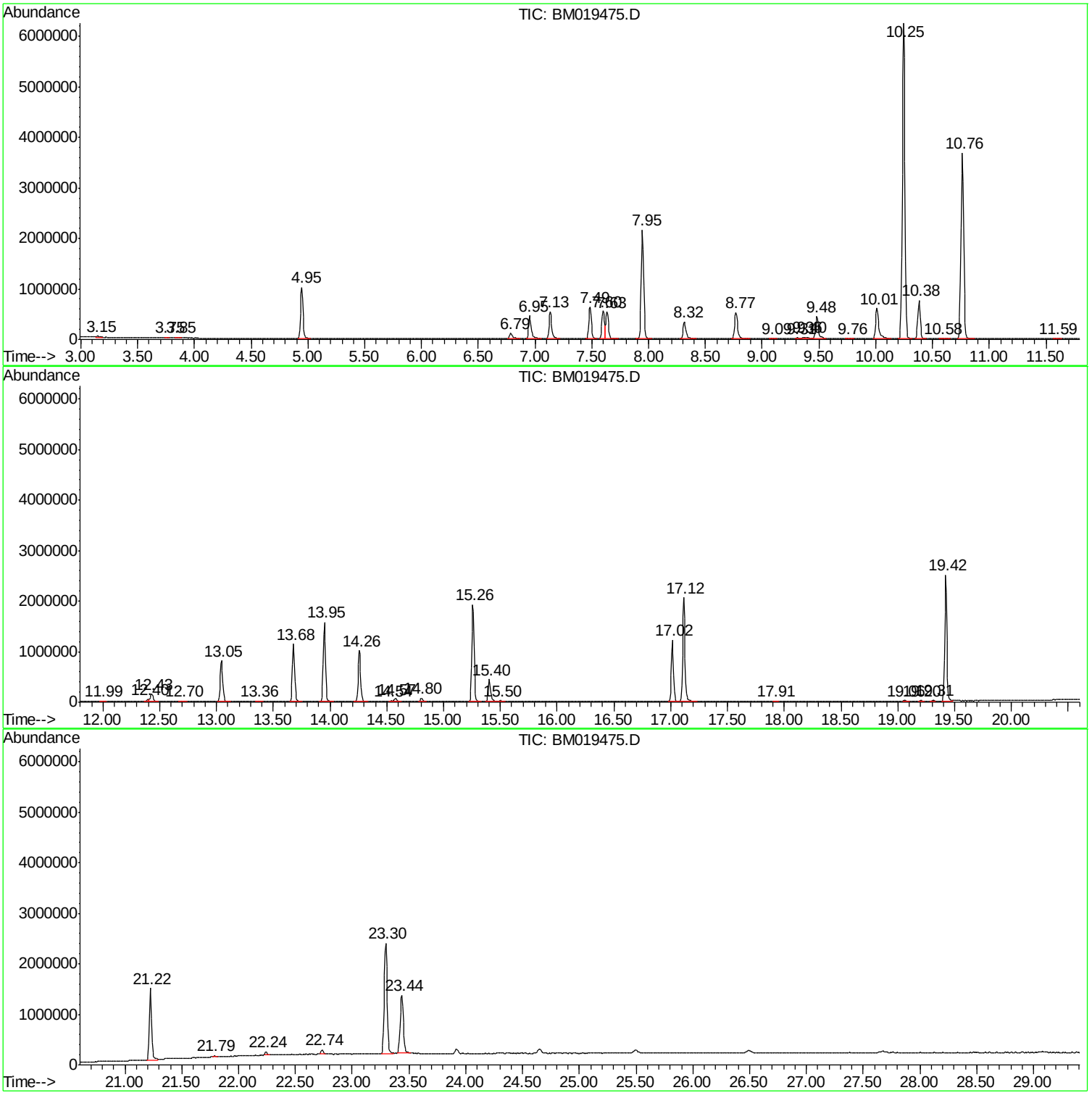
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09D6

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 : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D6

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

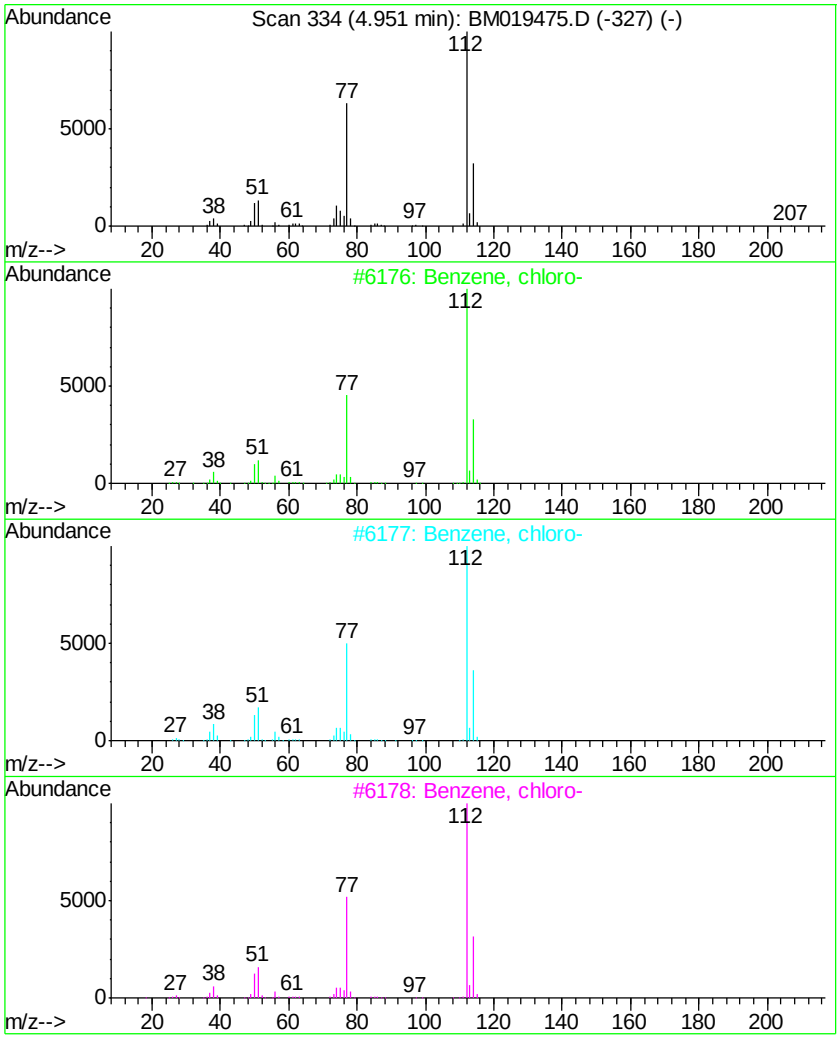
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

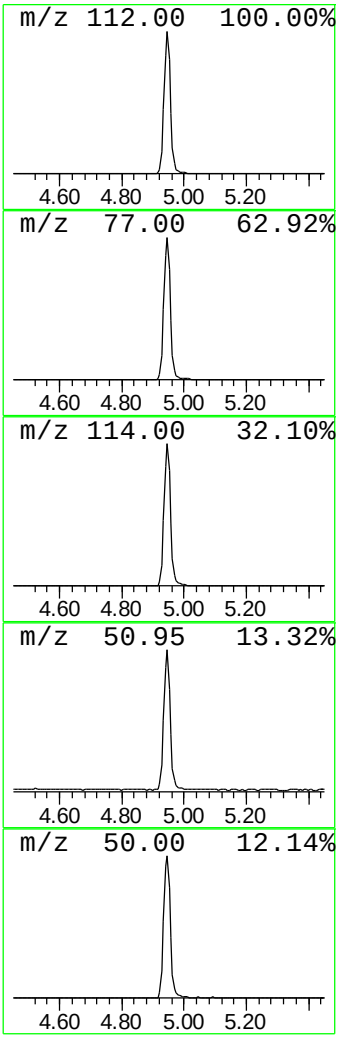
****

Peak Number 1 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	33.38 ng/ul	1455690	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C09D6

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

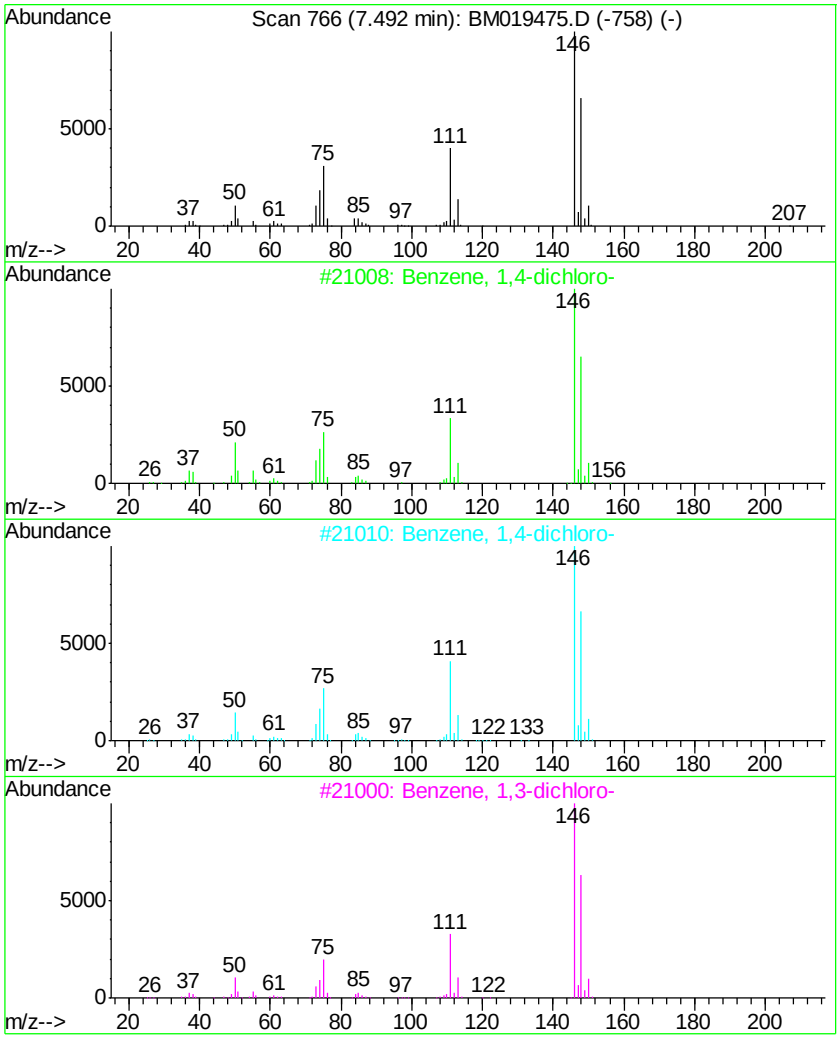
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

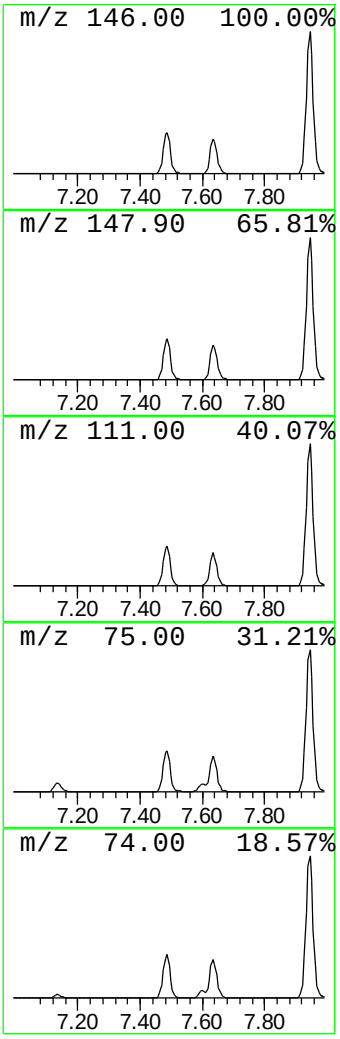
****

Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	22.22 ng/ul	969002	1,4-Dichlorobenzene-d4	7.60

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D6

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

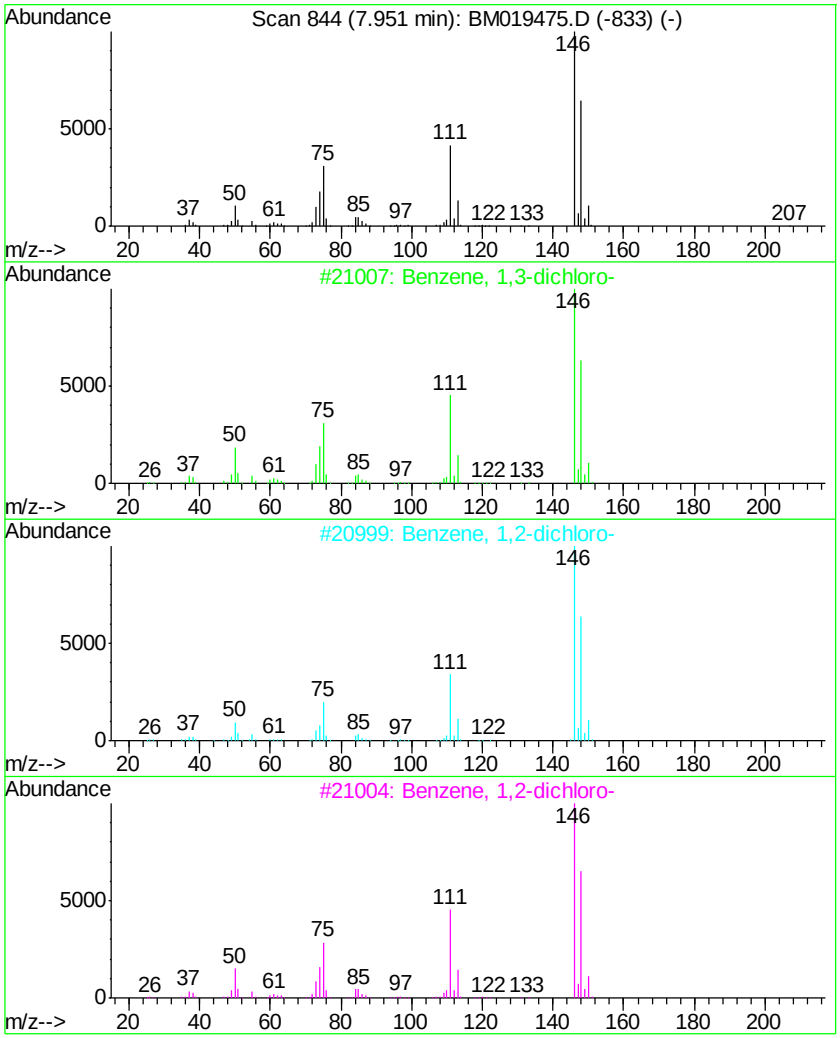
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

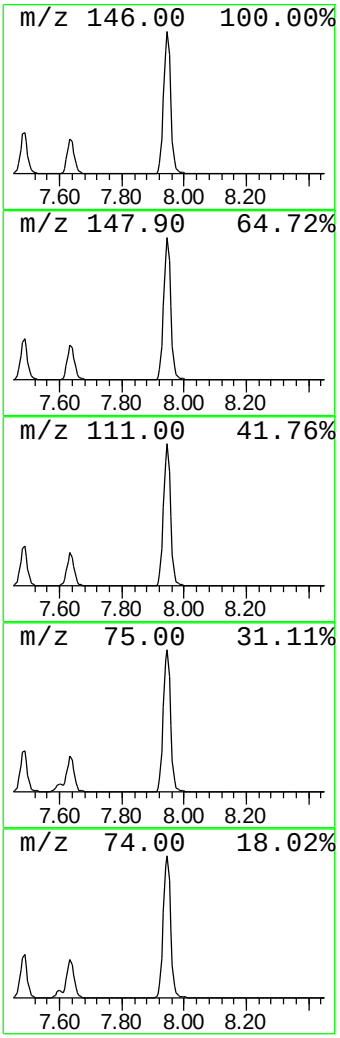
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	78.56 ng/ul	3426430	1,4-Dichlorobenzene-d4	7.60

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D6

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

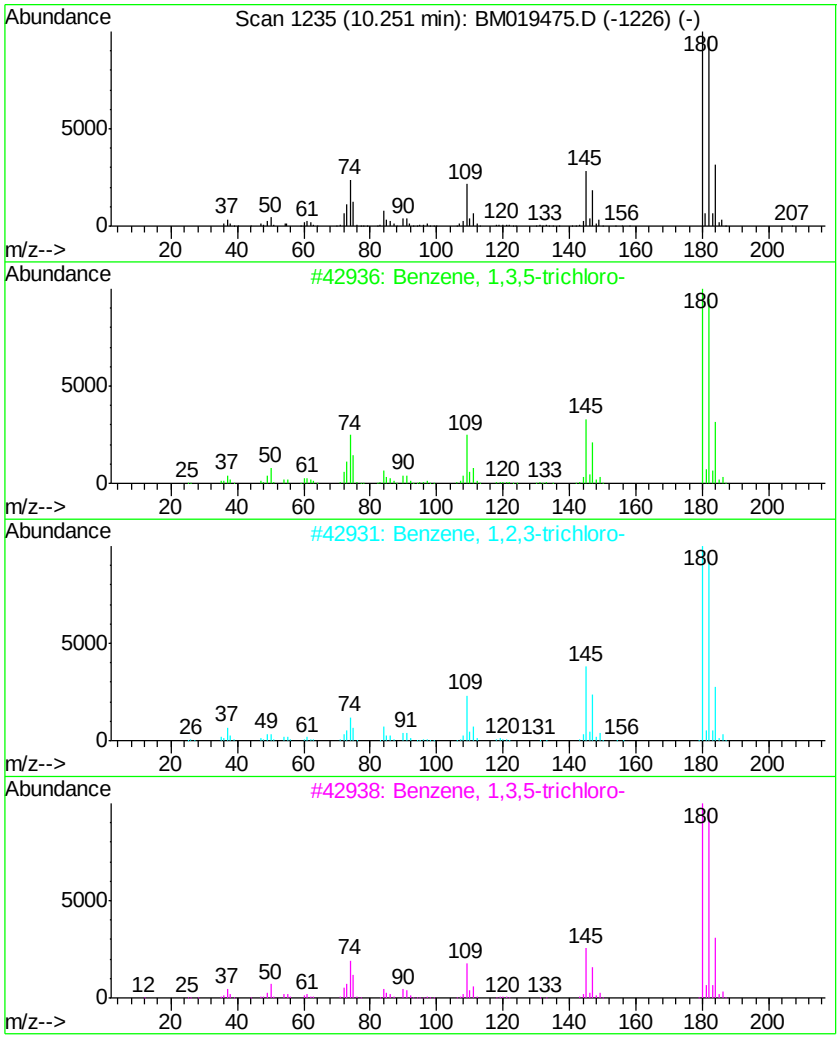
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

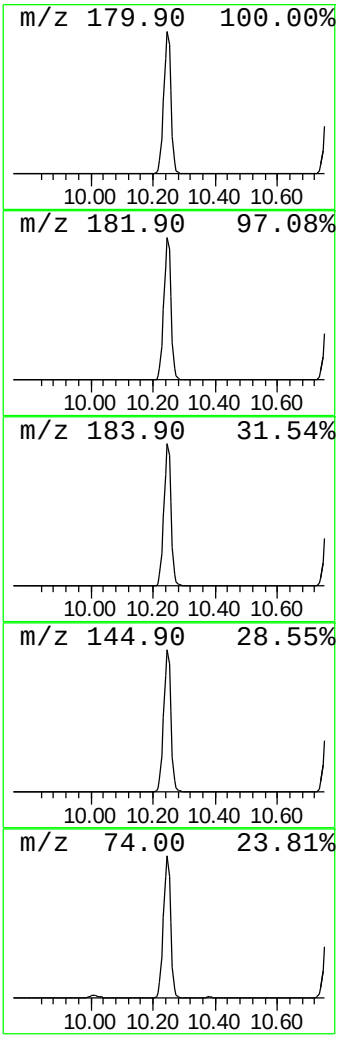
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	165.14 ng/ul	10015900	Naphthalene-d8	10.38

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	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
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 : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D6

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

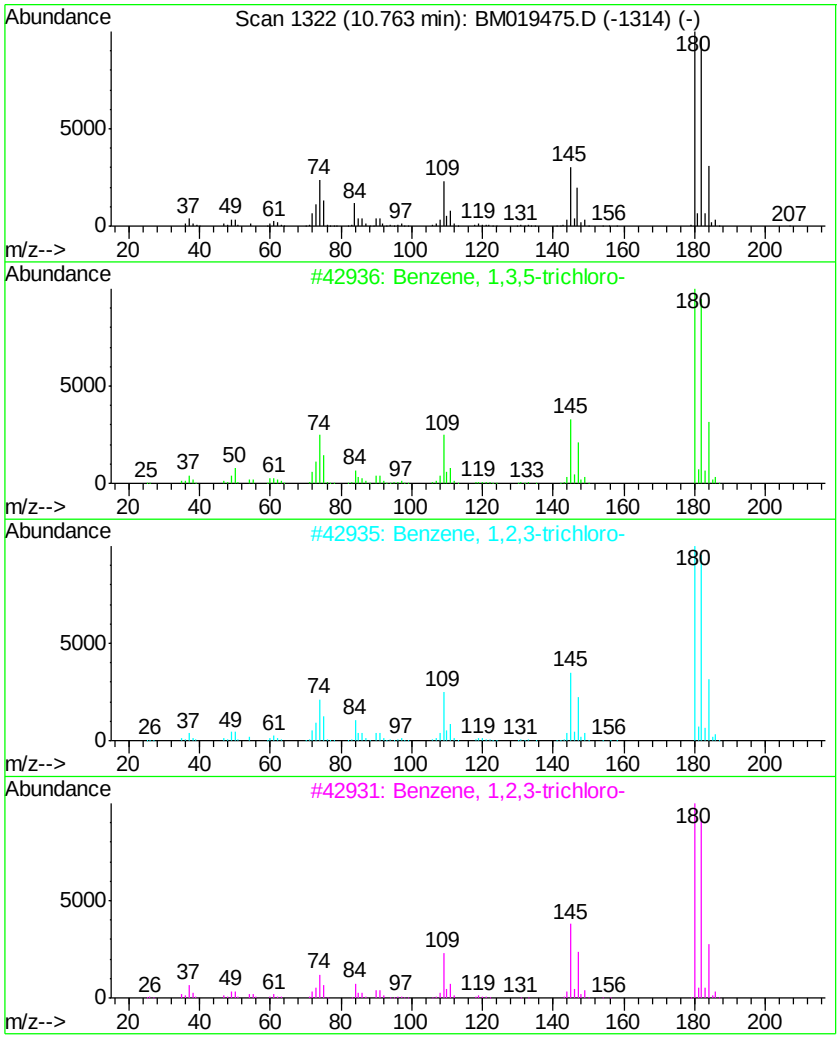
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

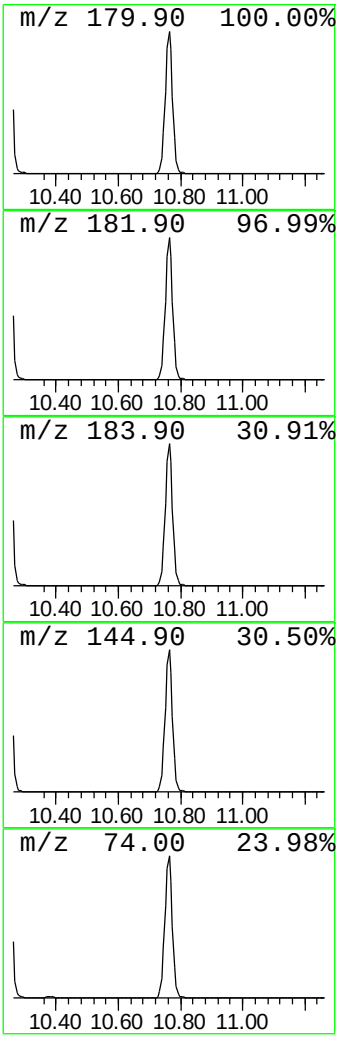
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	100.86 ng/ul	6117060	Naphthalene-d8	10.38

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, 1,2,3-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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019475.D
Acq On : 26 Mar 2019 18:03
Operator : JU/SJ
Sample : K2069-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09D6

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-	4.95	33.4	ng/ul	1455690	1	7.60	872309	20.0
Benzene, 1,4-dich...	7.49	22.2	ng/ul	969002	1	7.60	872309	20.0
Benzene, 1,3-dich...	7.95	78.6	ng/ul	3426430	1	7.60	872309	20.0
Benzene, 1,3,5-tr...	10.25	165.1	ng/ul	10015900	2	10.38	1213000	20.0
Benzene, 1,2,3-tr...	10.76	100.9	ng/ul	6117060	2	10.38	1213000	20.0