LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
Data File : BM019491.D
Acq On : 27 Mar 2019 03:50
Operator : JU/SJ
Sample : K2069-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0973

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	3.152	24	28	35	rVB	21665	32419	0.22%	0.044%
2	4.946	326	333	345	rBV	2952277	4284285	28.48%	5.832%
3	5.687	455	459	467	rVB	31863	51864	0.34%	0.071%
4	6.681	623	628	633	rVB	18885	25831	0.17%	0.035%
5	6.781	640	645	657	rBV	108327	198983	1.32%	0.271%
6	6.952	668	674	686	rBV	429883	733315	4.88%	0.998%
7	7.134	699	705	719	rVB	499008	810055	5.39%	1.103%
8	7.481	759	764	773	rVB	345296	543803	3.62%	0.740%
9	7.599	777	784	786	rBV	612742	926455	6.16%	1.261%
10	7.634	786	790	806	rVB	1524288	2415873	16.06%	3.288%
11	7.946	833	843	858	rBV	7126440	11031811	73.34%	15.016%
12	8.310	899	905	920	rBV	335393	607436	4.04%	0.827%
13	8.769	977	983	998	rBV	535290	915206	6.08%	1.246%
14	9.099	1032	1039	1045	rVB2	57818	100851	0.67%	0.137%
15	9.399	1086	1090	1097	rVB4	11705	20340	0.14%	0.028%
16	9.481	1097	1104	1119	rBV	441009	792642	5.27%	1.079%
17	10.010	1187	1194	1214	rBV	570309	1158261	7.70%	1.577%
18	10.246	1226	1234	1250	rBV	9239473	15041164	100.00%	20.473%
19	10.381	1250	1257	1267	rVB	889767	1410886	9.38%	1.920%
20	10.757	1312	1321	1336	rBV	1572370	2734320	18.18%	3.722%
21	11.587	1455	1462	1469	rBV	26274	40126	0.27%	0.055%
22	11.716	1479	1484	1491	rBV3	17502	35490	0.24%	0.048%
23	11.987	1522	1530	1539	rVB5	9085	20156	0.13%	0.027%
24	12.393	1591	1599	1600	rBV	120192	166157	1.10%	0.226%
25	12.422	1600	1604	1615	rVB	390936	638874	4.25%	0.870%
26	13.040	1702	1709	1719	rBV	1978770	3015722	20.05%	4.105%
27	13.675	1811	1817	1829	rBV	1285488	1868750	12.42%	2.544%
28	13.945	1857	1863	1876	rBV	1556140	2317950	15.41%	3.155%
29	14.257	1909	1916	1926	rBV2	1236649	1839912	12.23%	2.504%
30	14.569	1964	1969	1981	rVB	262277	411965	2.74%	0.561%
31	15.257	2080	2086	2099	rBV	1953095	2857884	19.00%	3.890%
32	15.398	2105	2110	2123	rBV	442558	701977	4.67%	0.955%
33	15.498	2124	2127	2133	rVB3	20691	28578	0.19%	0.039%
34	17.016	2378	2385	2395	rBV	1410474	1968020	13.08%	2.679%

LSC Area Percent Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0973

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	17.116	2395	2402	2417	rVV	1978934	2913370	19.37%	3.965%
36	17.680	2493	2498	2502	rVB	39984	47273	0.31%	0.064%
37	17.910	2532	2537	2545	rVB5	13920	24403	0.16%	0.033%
38	19.057	2728	2732	2737	rBV2	15327	19776	0.13%	0.027%
39	19.198	2752	2756	2765	rBV2	39227	66166	0.44%	0.090%
40	19.310	2771	2775	2779	rBV2	12041	15786	0.10%	0.021%
41	19.421	2788	2794	2805	rBV	2212271	3041728	20.22%	4.140%
42	19.957	2881	2885	2890	rBV5	13208	17010	0.11%	0.023%
43	20.451	2966	2969	2972	rVB2	27719	26773	0.18%	0.036%
44	20.915	3045	3048	3052	rBV2	42771	48547	0.32%	0.066%
45	21.215	3094	3099	3112	rBV	1421978	1958745	13.02%	2.666%
46	21.357	3119	3123	3128	rBV	57317	68757	0.46%	0.094%
47	21.780	3192	3195	3199	rVB	61056	66032	0.44%	0.090%
48	22.233	3269	3272	3280	rVB4	85471	122669	0.82%	0.167%
49	22.727	3353	3356	3361	rVB	92096	127046	0.84%	0.173%
50	23.286	3445	3451	3466	rVB2	1685702	3039607	20.21%	4.137%
51	23.427	3469	3475	3486	rVB2	1008574	1948390	12.95%	2.652%
52	23.909	3553	3557	3564	rVB3	98722	168479	1.12%	0.229%

Sum of corrected areas: 73467918

LSC Report - Integrated Chromatogram

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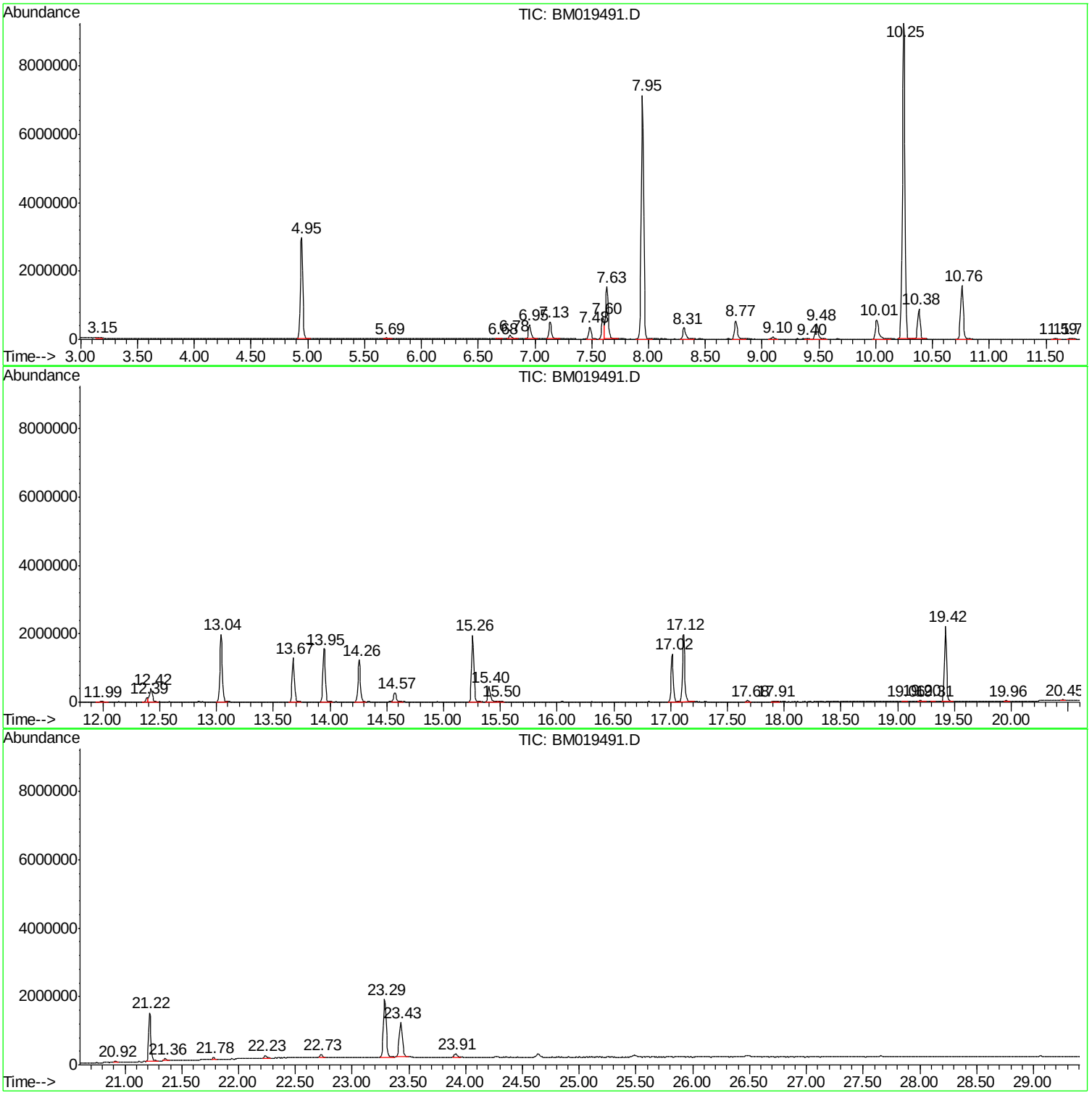
Data File : BM019491.D
Acq On : 27 Mar 2019 03:50
Operator : JU/SJ
Sample : K2069-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0973

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 : BM019491.D
Acq On : 27 Mar 2019 03:50
Operator : JU/SJ
Sample : K2069-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0973

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

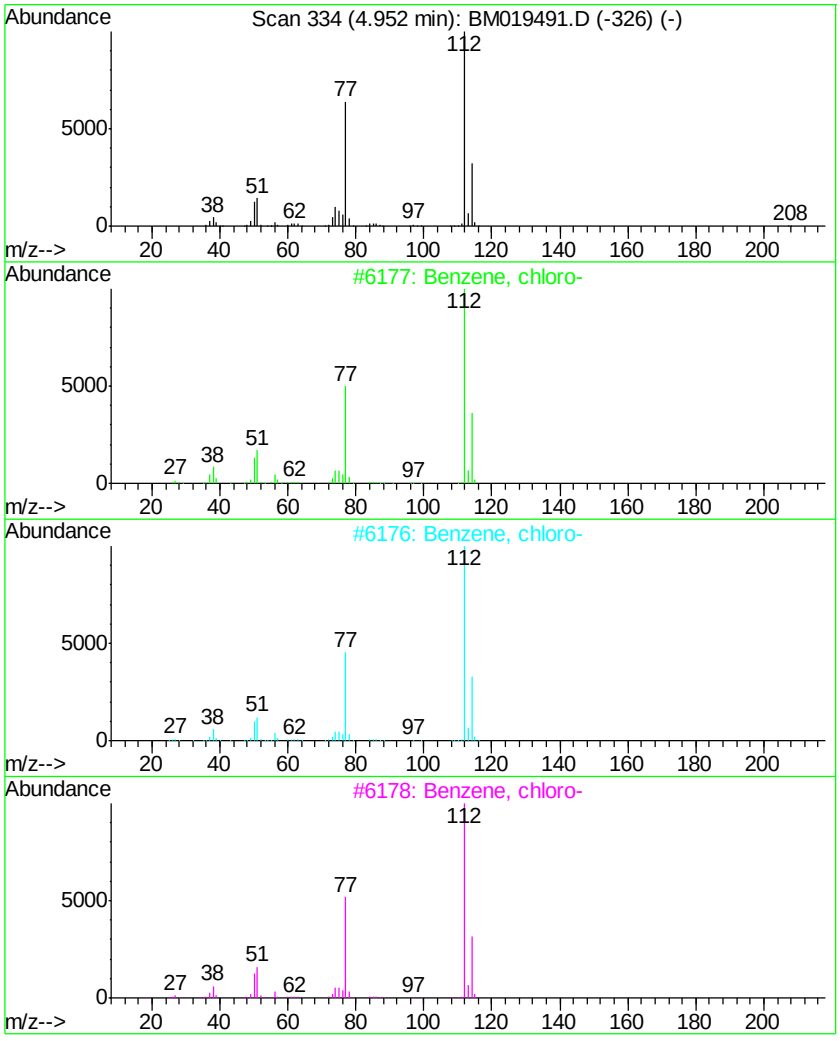
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

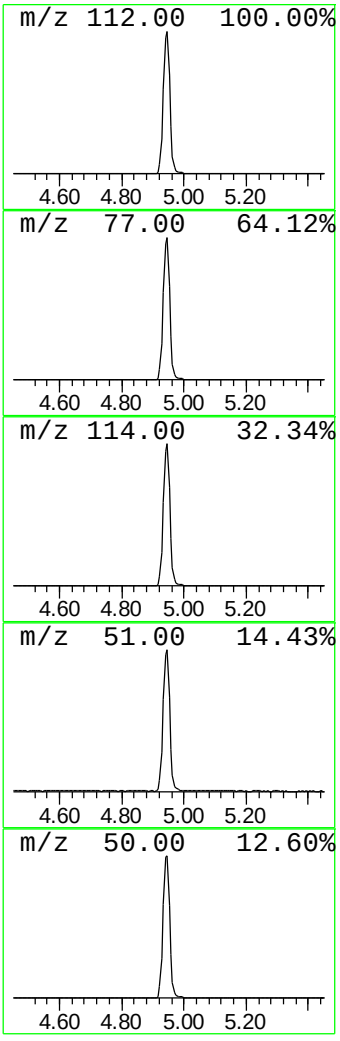
****

Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	92.49 ng/ul	4284290	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	94
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	38





Library Search Compound Report

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Acq On : 27 Mar 2019 03:50
Operator : JU/SJ
Sample : K2069-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0973

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

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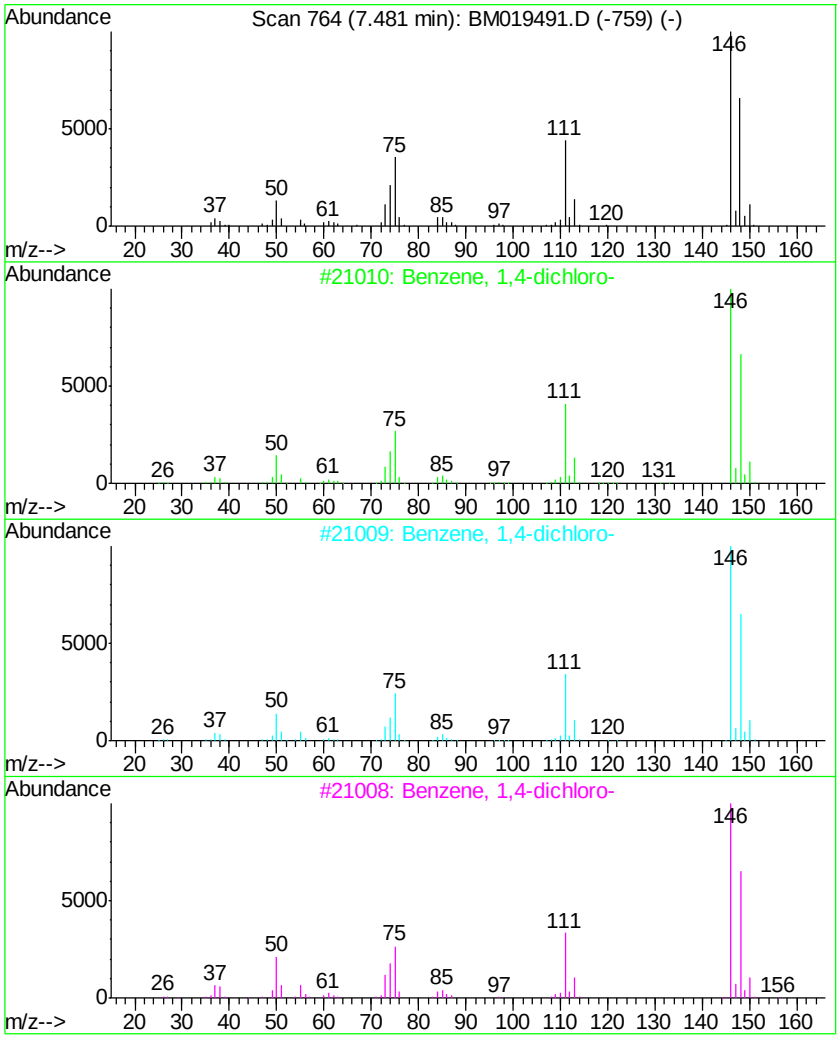
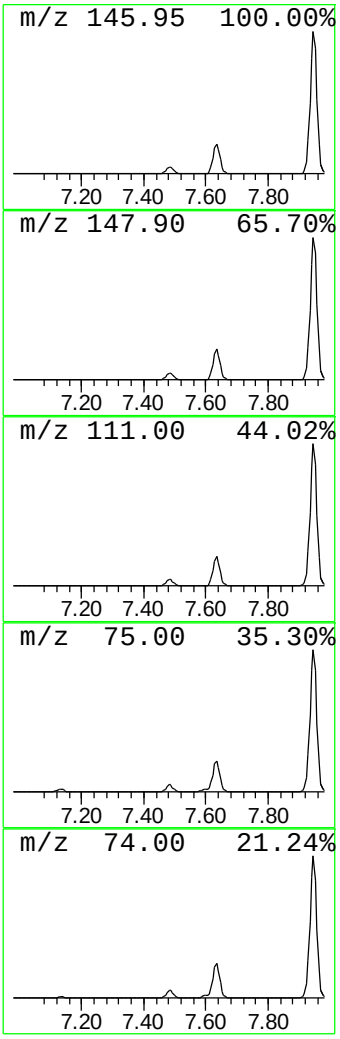
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	11.74 ng/ul	543803	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	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Library Search Compound Report

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Sample : K2069-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0973

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

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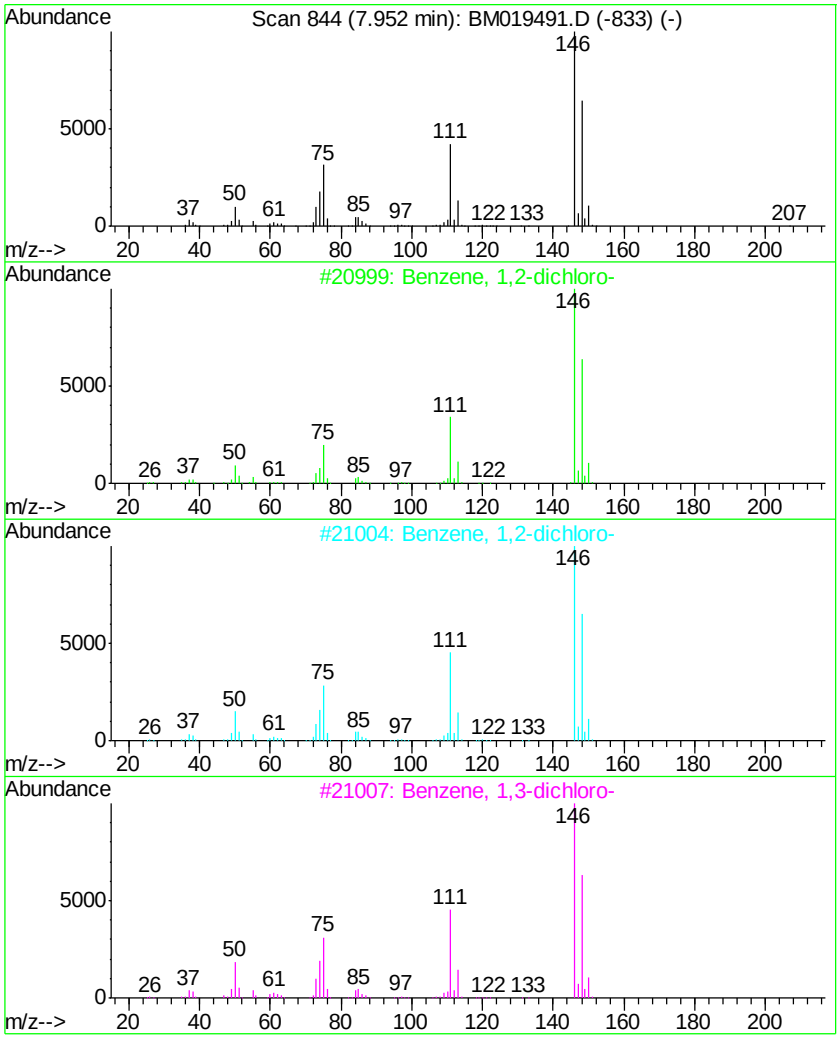
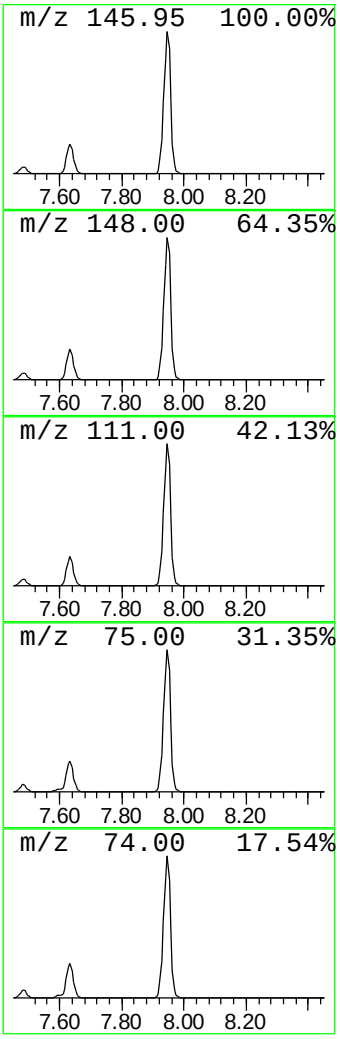
Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	238.15 ng/ul	11031800	1,4-Dichlorobenzene-d4	7.60

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





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0973

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

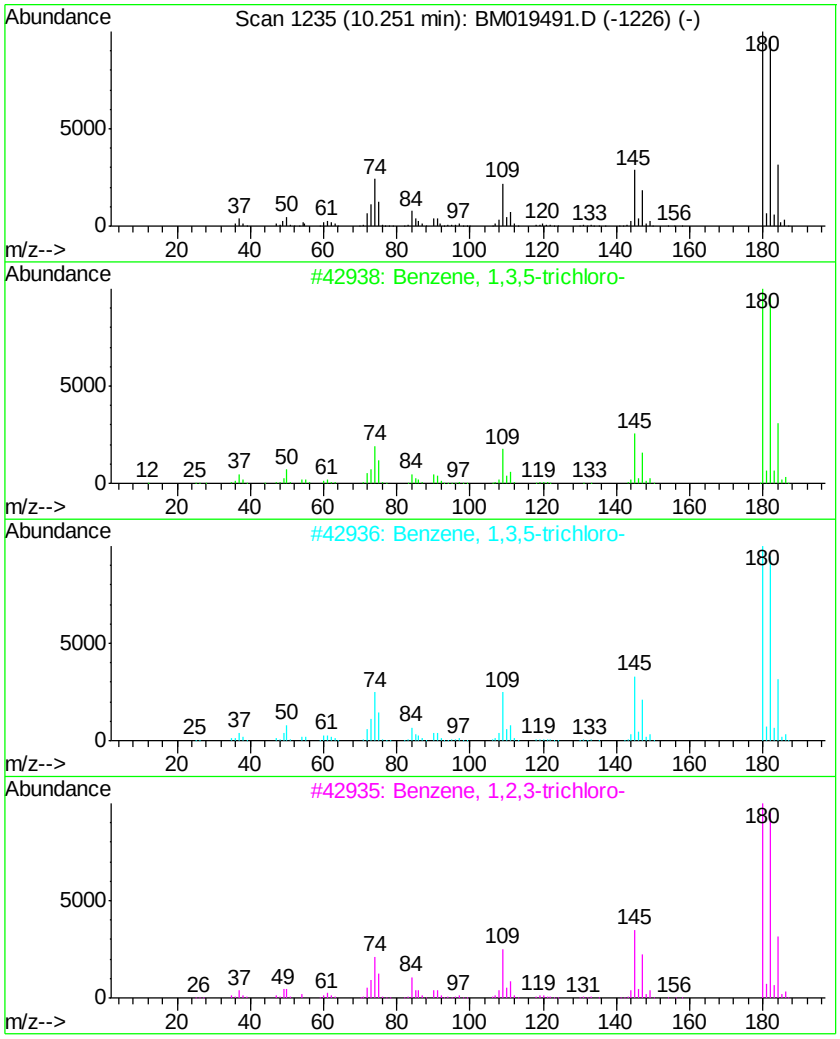
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

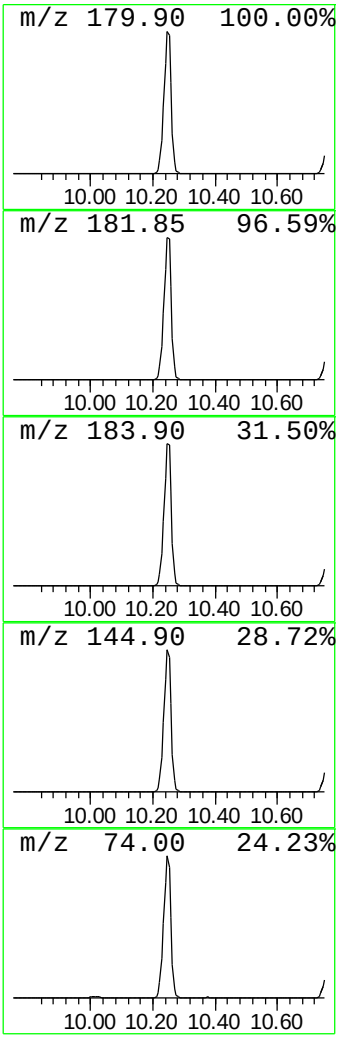
****

Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	213.22 ng/ul	15041200	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, 1,3,5-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	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97





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Misc :
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Instrument : BNA_M
ClientSampleId : C0973

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

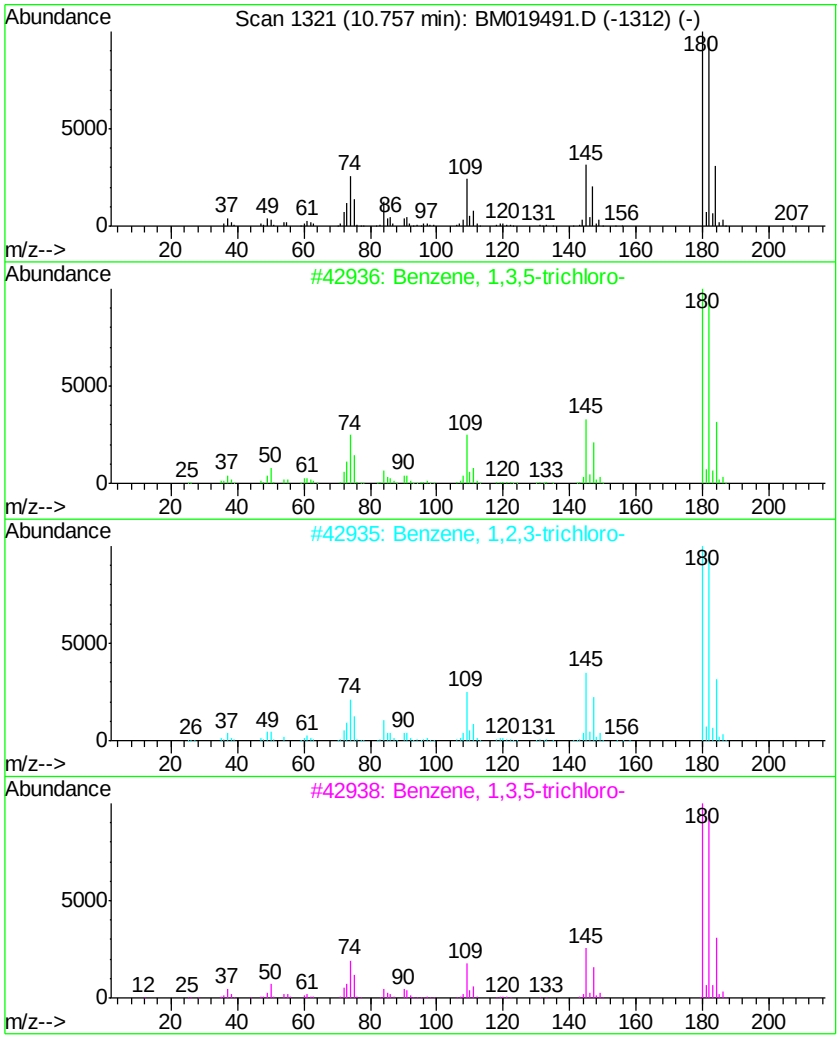
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

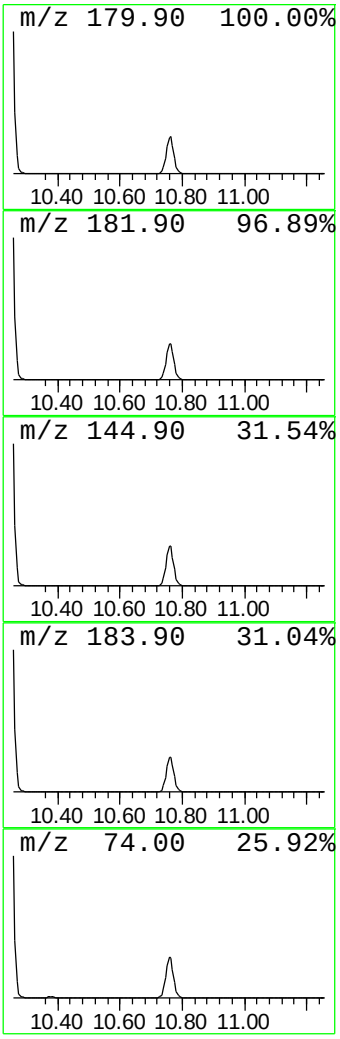
****

Peak Number 5 Benzene, 1,2,3-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	38.76 ng/ul	2734320	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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97





Tentatively Identified Compound (LSC) summary

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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	92.5	ng/ul	4284290	1	7.60	926455	20.0
Benzene, 1,4-dich...	7.48	11.7	ng/ul	543803	1	7.60	926455	20.0
Benzene, 1,2-dich...	7.95	238.2	ng/ul	11031800	1	7.60	926455	20.0
Benzene, 1,3,5-tr...	10.25	213.2	ng/ul	15041200	2	10.38	1410890	20.0
Benzene, 1,2,3-tr...	10.76	38.8	ng/ul	2734320	2	10.38	1410890	20.0