LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009242.D
Acq On : 14 Mar 2017 05:44
Operator : SJ/MA
Sample : I2181-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.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	5.199	352	359	368	rVB2	56688	89498	1.65%	0.244%
2	7.034	664	671	677	rBV2	91836	150205	2.77%	0.410%
3	7.210	695	701	710	rBV	337560	534296	9.84%	1.459%
4	7.404	728	734	742	rVB	332197	541617	9.98%	1.479%
5	7.875	807	814	819	rBV	323547	538864	9.93%	1.471%
6	8.228	869	874	880	rBV3	35008	55628	1.02%	0.152%
7	8.569	925	932	940	rBV	283502	461363	8.50%	1.260%
8	9.040	1004	1012	1023	rBV	482313	801569	14.77%	2.188%
9	9.763	1127	1135	1143	rVB	374671	625014	11.51%	1.706%
10	10.293	1218	1225	1232	rBV	548917	913651	16.83%	2.494%
11	10.675	1284	1290	1299	rBV	498858	849895	15.66%	2.320%
12	12.345	1568	1574	1582	rVB4	32030	55449	1.02%	0.151%
13	13.922	1835	1842	1850	rBV	1409392	1923636	35.44%	5.252%
14	14.210	1884	1891	1900	rBV	1318084	1969104	36.28%	5.376%
15	14.516	1937	1943	1951	rBV2	890972	1393700	25.68%	3.805%
16	14.710	1970	1976	1983	rBV2	113101	190950	3.52%	0.521%
17	15.510	2106	2112	2119	rVB	2005059	2784126	51.29%	7.601%
18	15.627	2126	2132	2140	rBV	712242	963694	17.75%	2.631%
19	17.263	2404	2410	2416	rBV2	1409503	1978359	36.45%	5.401%
20	17.363	2420	2427	2436	rBV2	2490997	3458906	63.72%	9.443%
21	18.233	2570	2575	2581	rVB4	71007	91822	1.69%	0.251%
22	19.545	2791	2798	2802	rBV3	30667	57449	1.06%	0.157%
23	19.657	2811	2817	2826	rBV	3206417	4482616	82.58%	12.238%
24	21.439	3115	3120	3126	rBV	2391383	3052481	56.23%	8.333%
25	23.627	3484	3492	3501	rBV2	2697690	5428086	100.00%	14.819%
26	23.774	3510	3517	3525	rVB	1618292	3237934	59.65%	8.840%

Sum of corrected areas: 36629912

LSC Report - Integrated Chromatogram

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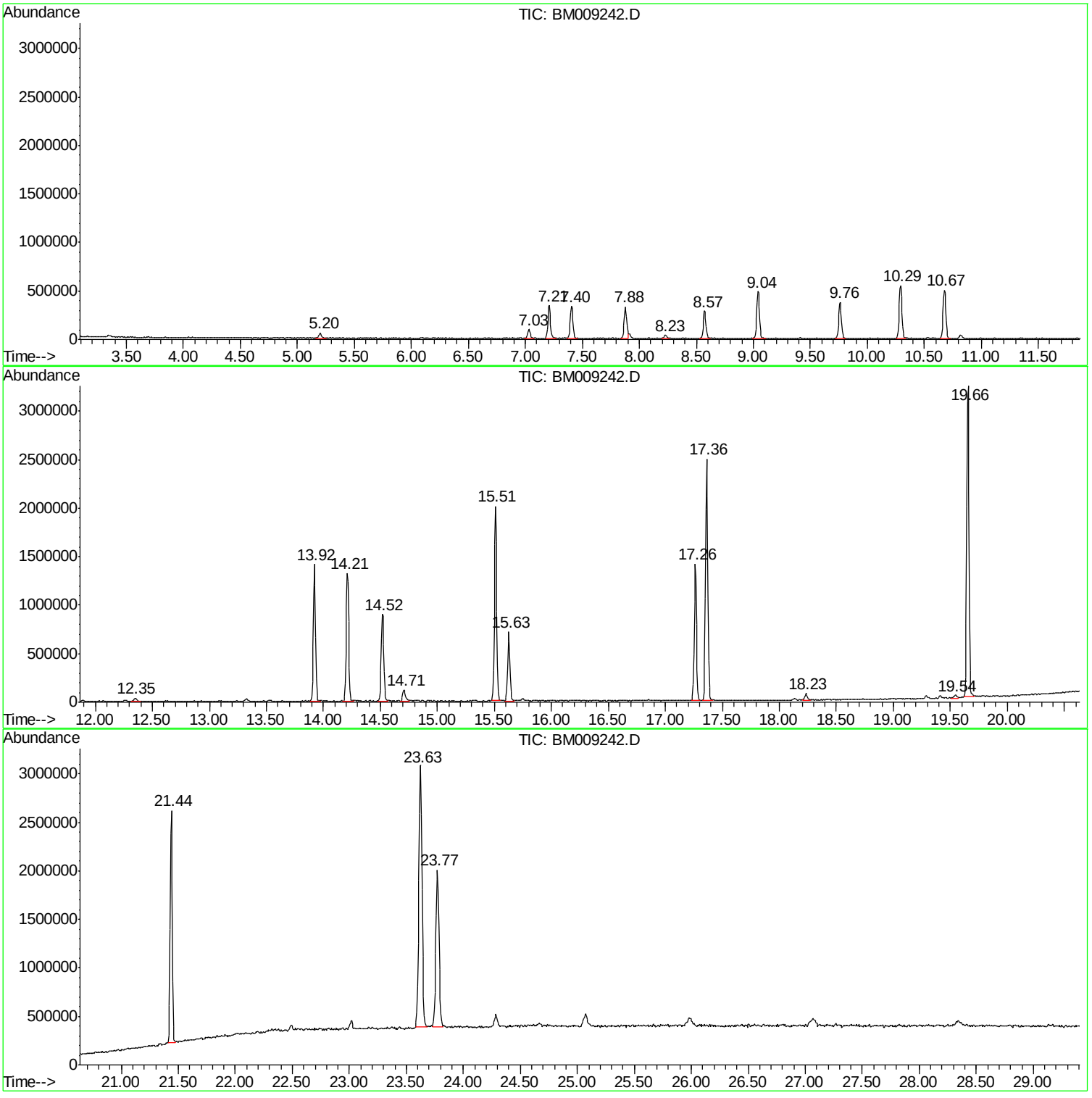
Instrument : BNA_M
ClientSampleId : C0BG3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009242.D
Acq On : 14 Mar 2017 05:44
Operator : SJ/MA
Sample : I2181-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

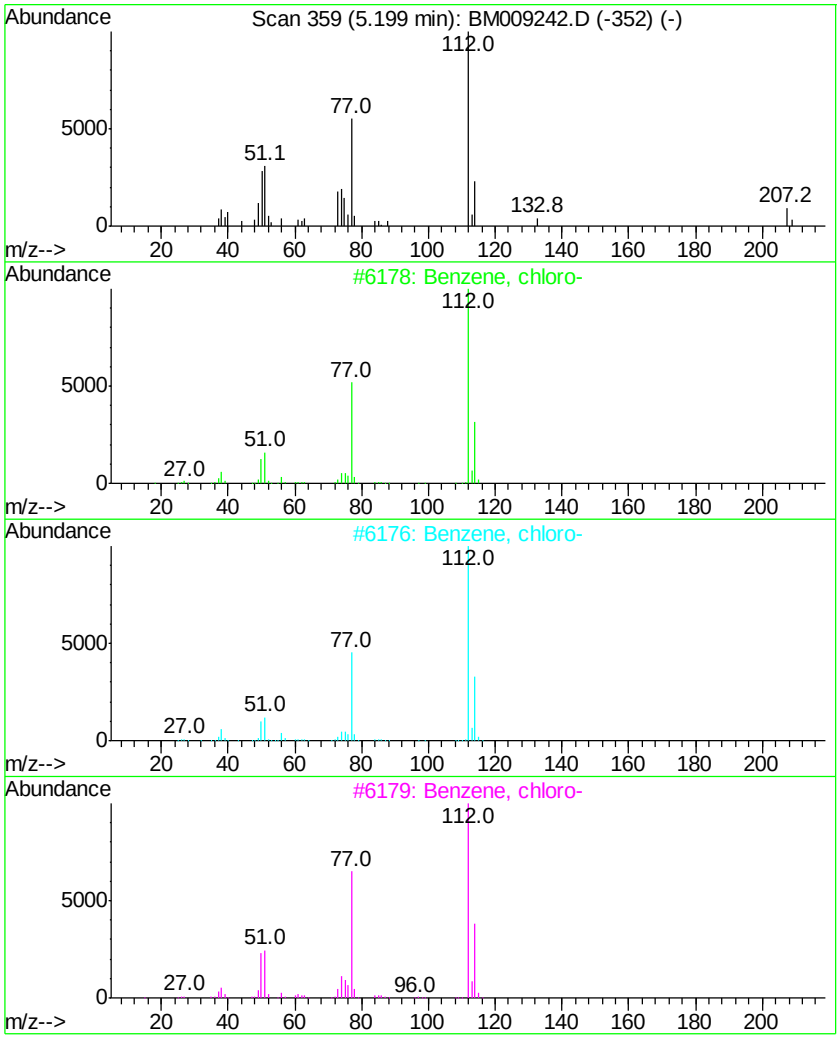
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

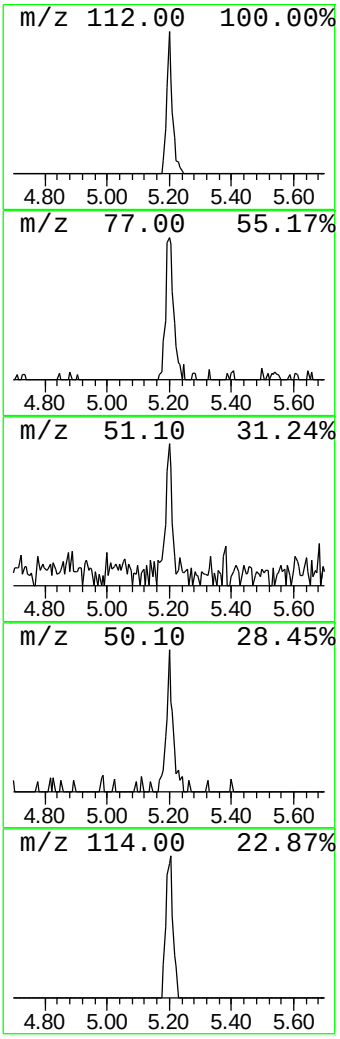
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.32 ng/ul	89498	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	58
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	40
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	38
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	33
5	2-Chloro-3-nitropyridine	158	C5H3ClN2O2	005470-18-8	33





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Instrument : BNA_M
ClientSampleId : C0BG3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

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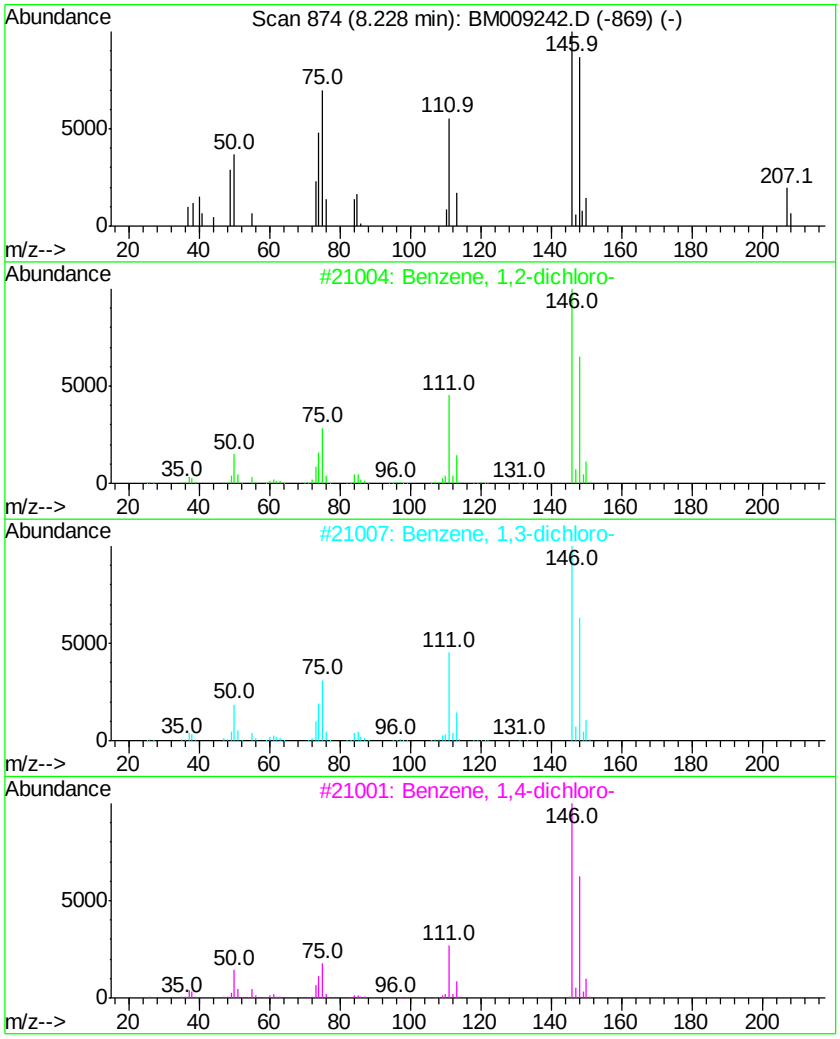
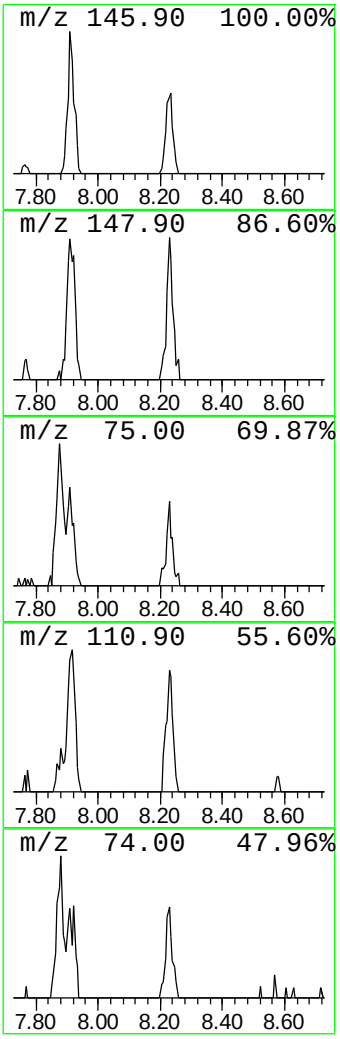
Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.06 ng/ul	55628	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	83
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	78
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	70
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	64
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	62





Tentatively Identified Compound (LSC) summary

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Operator : SJ/MA
Sample : I2181-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BG3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.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-	5.20	3.3	ng/ul	89498	1	7.88	538864	20.0
Benzene, 1,2-dich...	8.23	2.1	ng/ul	55628	1	7.88	538864	20.0