LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011615.D
Acq On : 19 Sep 2017 21:39
Operator : SJ/JU
Sample : I5271-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH6

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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	5.287	330	340	342	rBV3	68979518	139635323	30.98%	10.320%
2	7.122	647	652	661	rVB	299532	519355	0.12%	0.038%
3	7.298	675	682	695	rBV	1136321	2029211	0.45%	0.150%
4	7.498	709	716	731	rBV	1179104	2165002	0.48%	0.160%
5	7.875	769	780	791	rBV	42951576	90481381	20.07%	6.687%
6	8.051	791	810	815	rBV6	69376904	267405071	59.33%	19.763%
7	8.422	849	873	877	rBV4	76572924	450718421	100.00%	33.312%
8	8.663	908	914	927	rVB	889100	1549651	0.34%	0.115%
9	9.134	986	994	1010	rBV	1598036	2787938	0.62%	0.206%
10	9.469	1044	1051	1058	rBV	1439253	2391122	0.53%	0.177%
11	9.787	1099	1105	1111	rVV	704333	1334936	0.30%	0.099%
12	9.857	1111	1117	1124	rVV	1184339	2228535	0.49%	0.165%
13	10.392	1201	1208	1221	rBV	1674142	3047930	0.68%	0.225%
14	10.681	1241	1257	1262	rBV5	70872646	230598241	51.16%	17.043%
15	10.792	1269	1276	1281	rBV	2083868	3338348	0.74%	0.247%
16	11.175	1329	1341	1362	rBV	38963239	70391613	15.62%	5.202%
17	12.063	1485	1492	1505	rVB4	273492	580356	0.13%	0.043%
18	12.757	1602	1610	1612	rBV2	383908	700875	0.16%	0.052%
19	12.792	1612	1616	1623	rVB	1099150	1752269	0.39%	0.130%
20	13.398	1712	1719	1732	rBV	6025449	8999285	2.00%	0.665%
21	13.998	1812	1821	1827	rBV	3643137	5338598	1.18%	0.395%
22	14.292	1864	1871	1882	rBV	3923179	5729744	1.27%	0.423%
23	14.598	1916	1923	1937	rBV2	2833866	4467138	0.99%	0.330%
24	15.586	2084	2091	2104	rBV	4909632	7287316	1.62%	0.539%
25	15.692	2104	2109	2122	rVV	1746157	2502805	0.56%	0.185%
26	17.333	2382	2388	2399	rBV2	3516905	5336087	1.18%	0.394%
27	17.433	2399	2405	2420	rVB	5895242	8193228	1.82%	0.606%
28	19.721	2787	2794	2806	rVV	7180695	9648669	2.14%	0.713%
29	21.498	3091	3096	3105	rBV	4600232	6301105	1.40%	0.466%
30	23.721	3466	3474	3487	rBV2	4989957	9745323	2.16%	0.720%
31	23.874	3493	3500	3511	rVB	2863928	5831423	1.29%	0.431%

Sum of corrected areas: 1353036299

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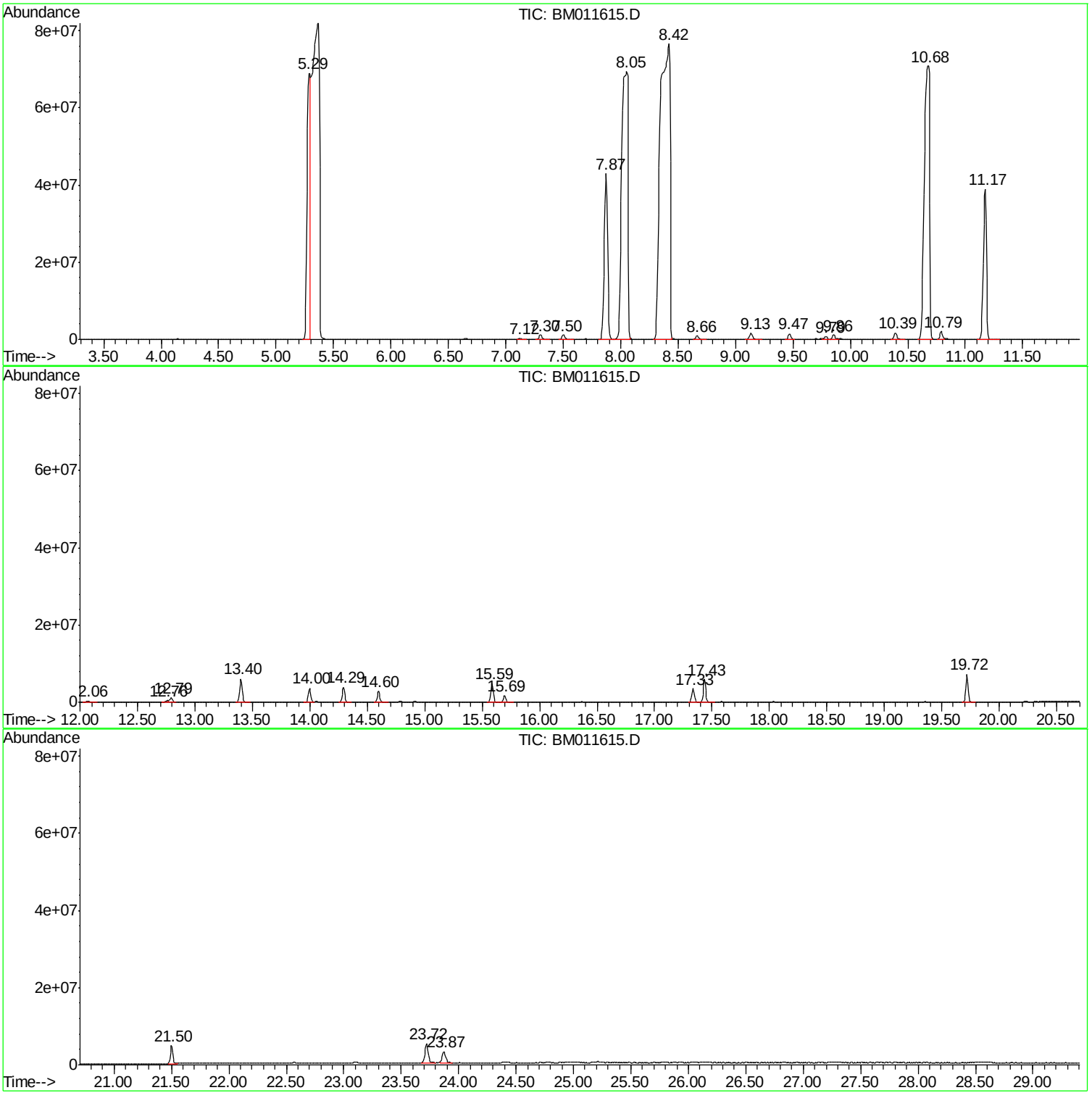
C0AH6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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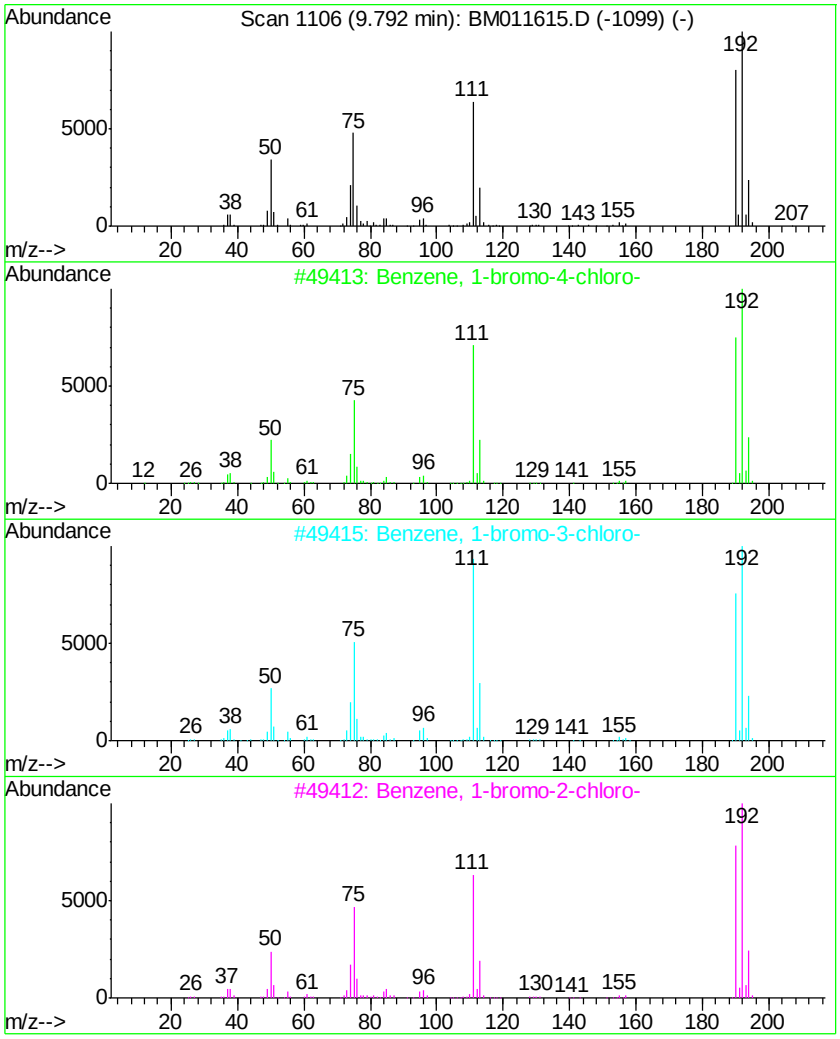
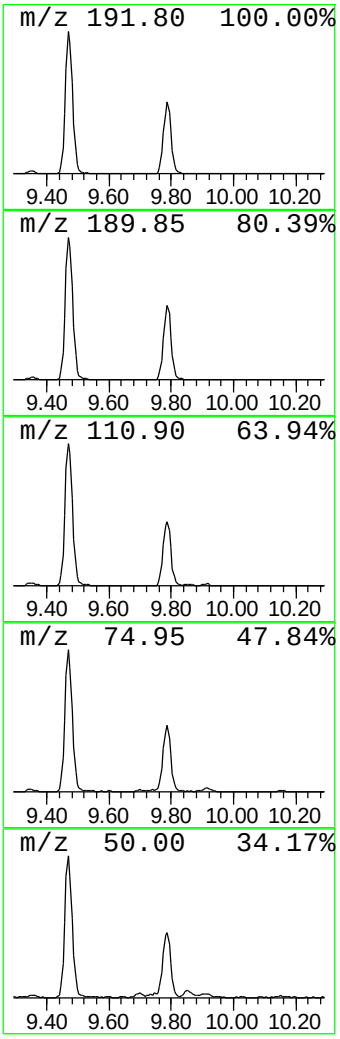
Peak Number 6 Benzene, 1-bromo-4-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	8.00 ng/ul	1334940	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94





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Quant Title : SVOA CALIBRATION

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

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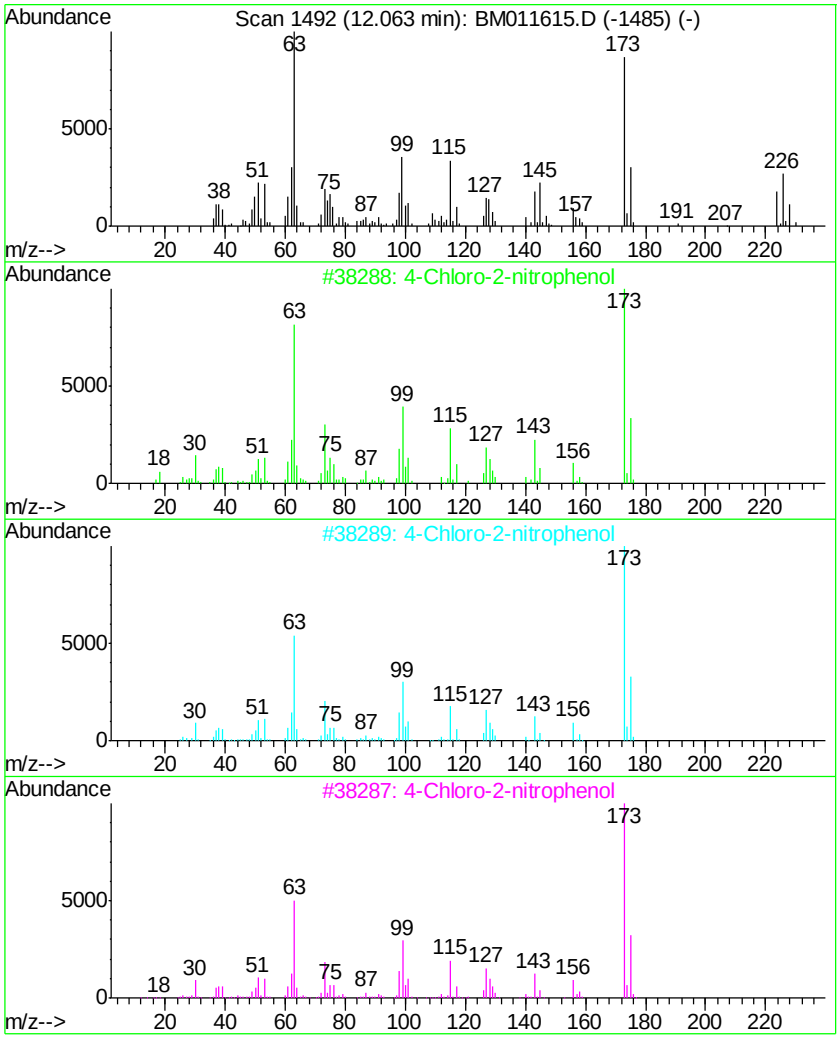
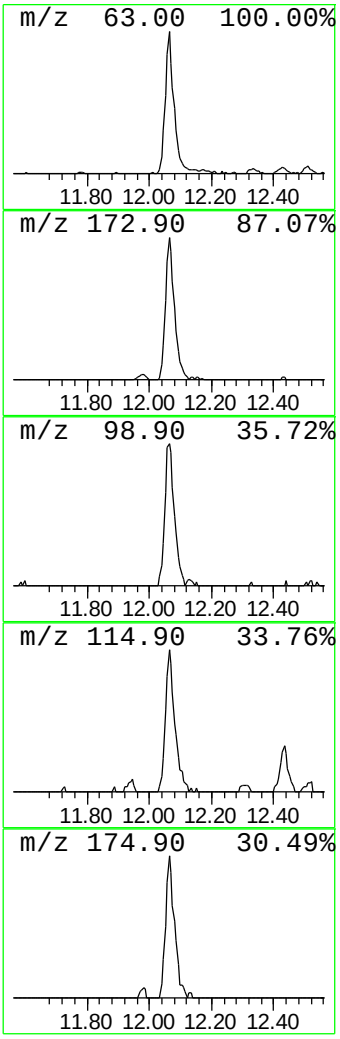
Peak Number 9 4-Chloro-2-nitrophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.48 ng/ul	580356	Naphthalene-d8	10.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	90
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	89
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	86
4	Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	80
5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	70





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.79	8.0	ng/ul	1334940	2	10.79	3338350	20.0
4-Chloro-2-nitrop...	12.06	3.5	ng/ul	580356	2	10.79	3338350	20.0