LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092317\
Data File : BM011703.D
Acq On : 23 Sep 2017 13:40
Operator : SJ/JU
Sample : I5273-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ9

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	5.281	324	339	341	rBV3	64473771	154423516	48.48%	16.366%
2	6.640	564	570	577	rVB	800177	1252040	0.39%	0.133%
3	6.934	614	620	627	rVV	206056	328329	0.10%	0.035%
4	7.110	644	650	660	rVB	236439	410599	0.13%	0.044%
5	7.292	672	681	692	rBV	634216	1340094	0.42%	0.142%
6	7.492	708	715	726	rVB	810239	1546690	0.49%	0.164%
7	7.875	765	780	791	rBV2	56875362	160706681	50.45%	17.031%
8	8.063	791	812	816	rBV5	66991602	318560548	100.00%	33.761%
9	8.357	848	862	864	rBV4	65016103	191681326	60.17%	20.314%
10	8.657	907	913	922	rVB	593516	994732	0.31%	0.105%
11	9.122	984	992	1004	rBV	1054805	1822089	0.57%	0.193%
12	9.457	1041	1049	1060	rBV	236513	406957	0.13%	0.043%
13	9.839	1108	1114	1128	rVB	864289	1564622	0.49%	0.166%
14	10.375	1197	1205	1213	rBV	1115779	1928626	0.61%	0.204%
15	10.633	1239	1249	1264	rBV	33409443	57522089	18.06%	6.096%
16	10.763	1264	1271	1277	rBV	973500	1599375	0.50%	0.169%
17	11.145	1327	1336	1344	rBV	3971594	6728338	2.11%	0.713%
18	12.727	1599	1605	1609	rBV	180468	327943	0.10%	0.035%
19	12.780	1609	1614	1620	rVB	867073	1373768	0.43%	0.146%
20	13.386	1709	1717	1725	rBV	714294	1081807	0.34%	0.115%
21	13.586	1744	1751	1767	rVB	353463	601788	0.19%	0.064%
22	13.980	1809	1818	1828	rBV	2443855	4145676	1.30%	0.439%
23	14.280	1862	1869	1881	rBV	1962747	2969238	0.93%	0.315%
24	14.586	1914	1921	1931	rBV2	1223811	1939736	0.61%	0.206%
25	14.774	1946	1953	1962	rBV3	161961	329600	0.10%	0.035%
26	15.574	2082	2089	2095	rBV	2661760	3803858	1.19%	0.403%
27	15.686	2102	2108	2118	rVB	1040308	1466235	0.46%	0.155%
28	17.321	2379	2386	2397	rBV2	1494377	2260846	0.71%	0.240%
29	17.421	2397	2403	2410	rBV	2965041	4108050	1.29%	0.435%
30	18.192	2529	2534	2544	rBV	191436	333236	0.10%	0.035%
31	19.462	2745	2750	2759	rBV	319530	541678	0.17%	0.057%
32	19.709	2786	2792	2801	rBV	3479662	4894773	1.54%	0.519%
33	21.486	3089	3094	3105	rBV	2127701	2705913	0.85%	0.287%
34	23.697	3463	3470	3482	rVB2	2549110	5247149	1.65%	0.556%

LSC Area Percent Report

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Misc :
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ClientSampleId : C0AJ9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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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

35	23.850	3490	3496	3507	rVB	1326058	2640027	0.83%	0.280%

Sum of corrected areas: 943587972

LSC Report - Integrated Chromatogram

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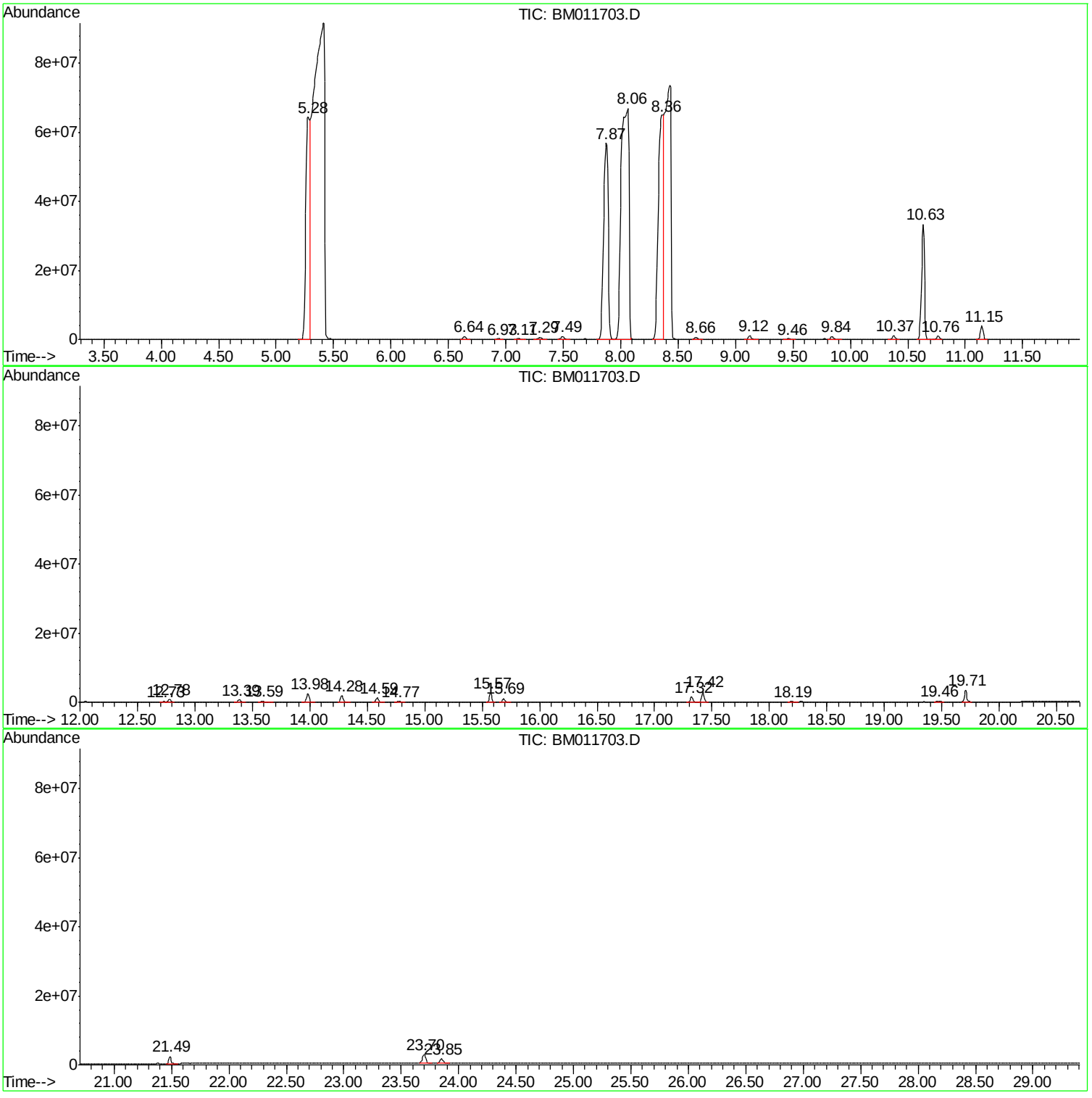
Sample : I5273-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ9

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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Instrument : BNA_M
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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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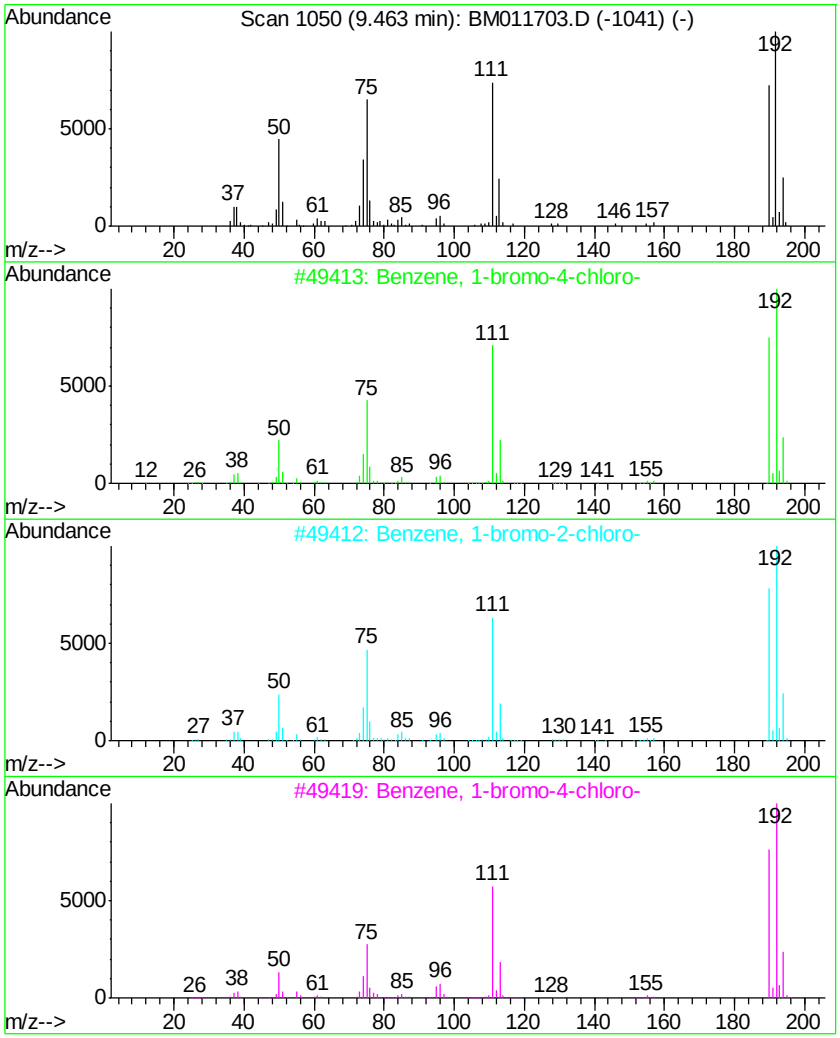
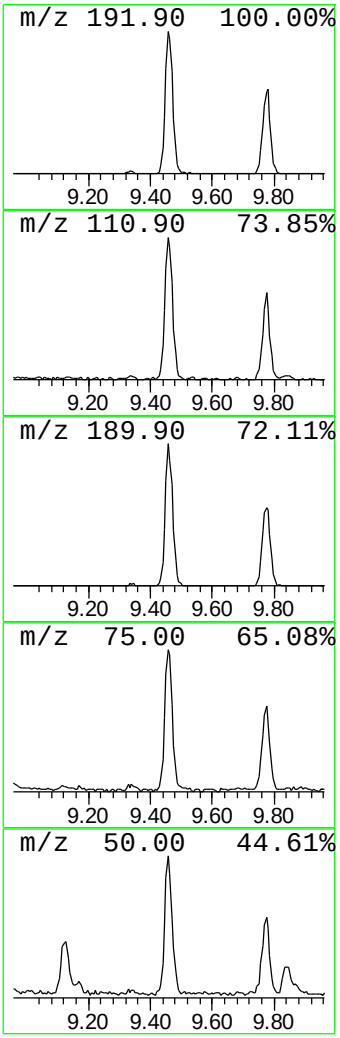
Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	5.09 ng/ul	406957	Naphthalene-d8	10.76

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	96
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	93
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	93
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	93





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Sample : I5273-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ9

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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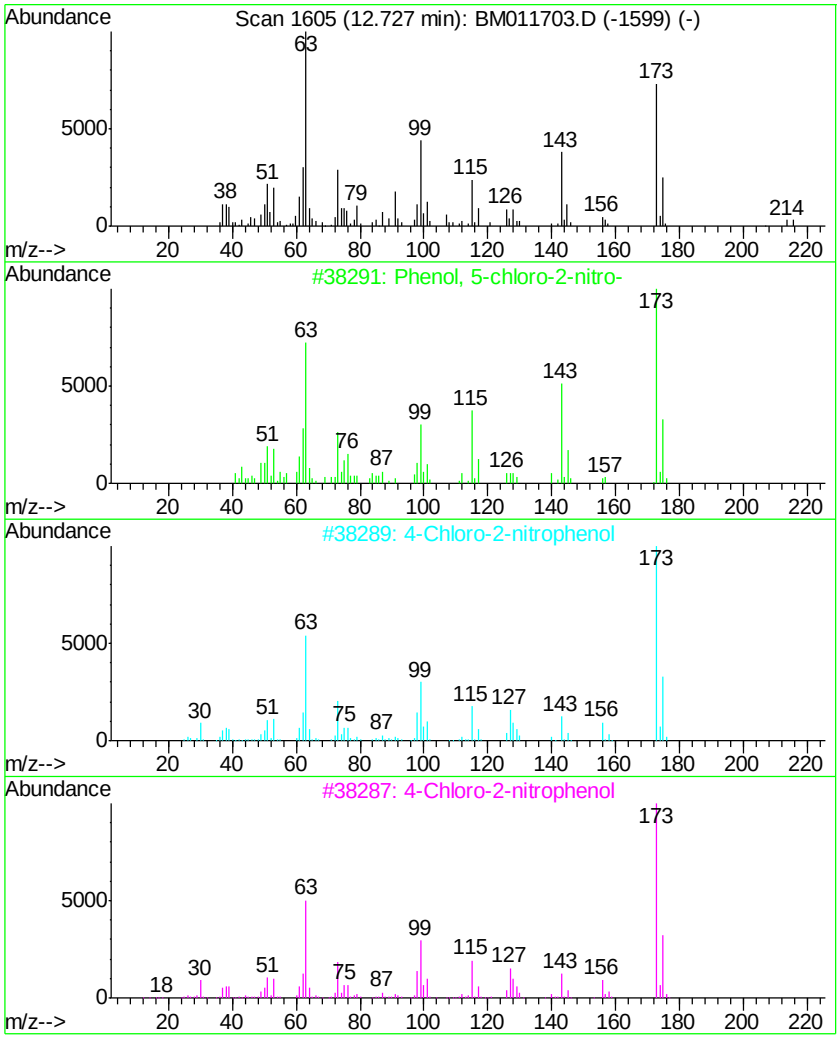
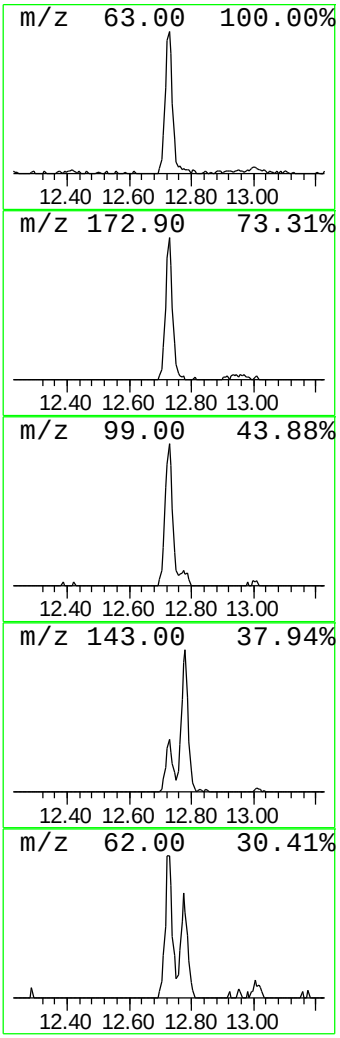
Peak Number 8 Phenol, 5-chloro-2-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.38 ng/ul	327943	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	87
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	87
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	86
4	Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	72
5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	49





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Operator : SJ/JU
Sample : I5273-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AJ9

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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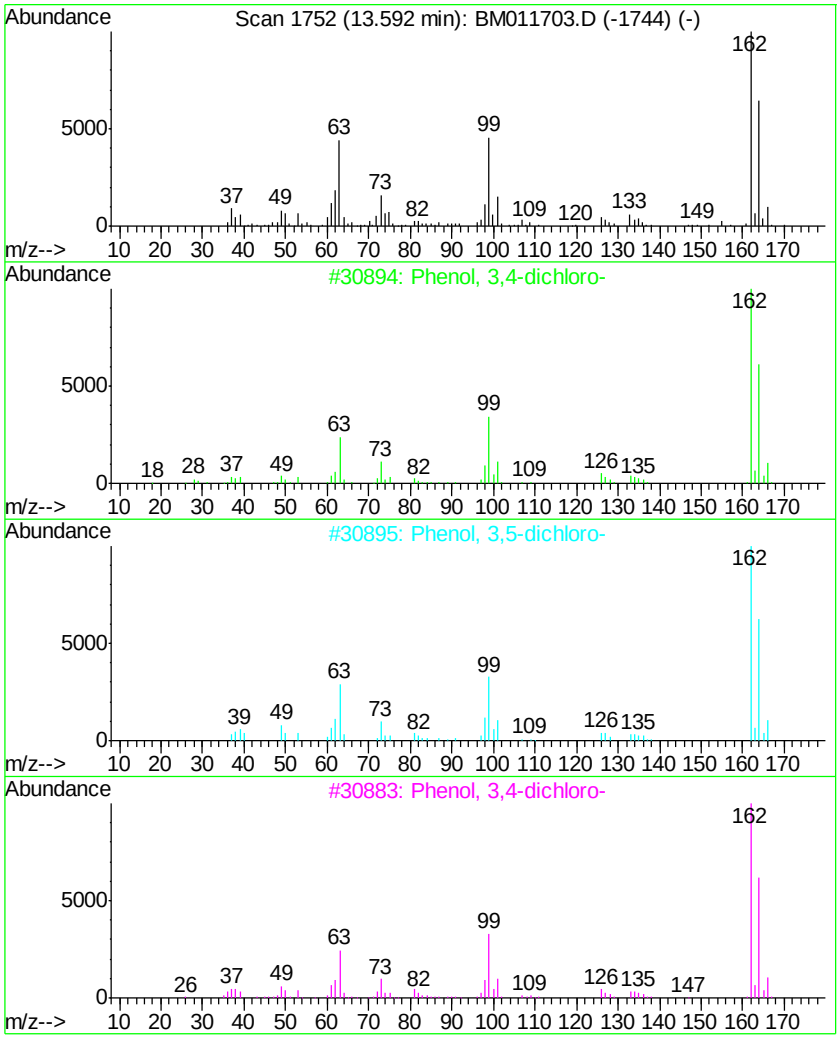
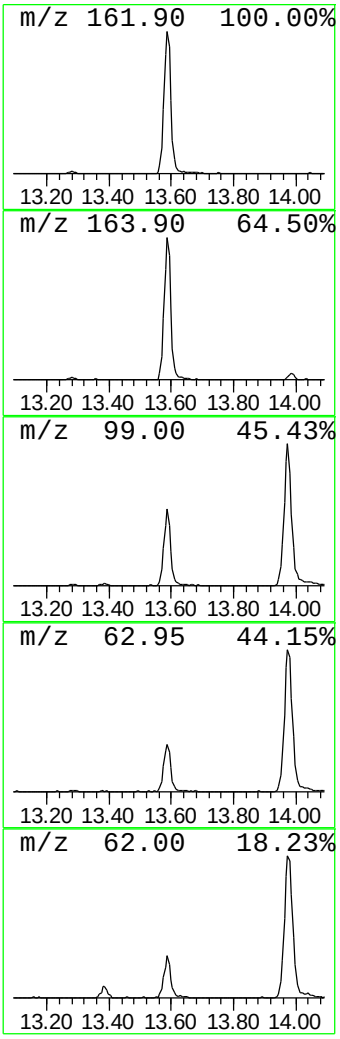
Peak Number 9 Phenol, 3,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	6.20 ng/ul	601788	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	90
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	86





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Instrument : BNA_M
ClientSampleId : C0AJ9

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

TIC Library : C:\DATABASE\NIST02.L
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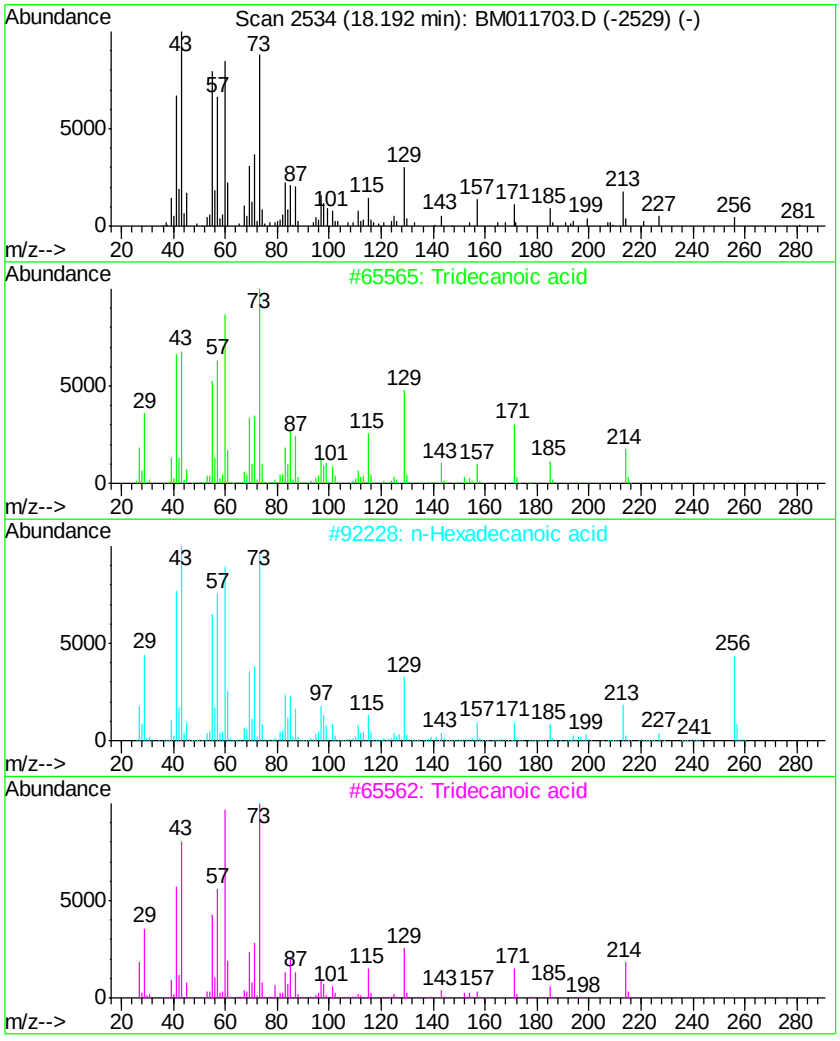
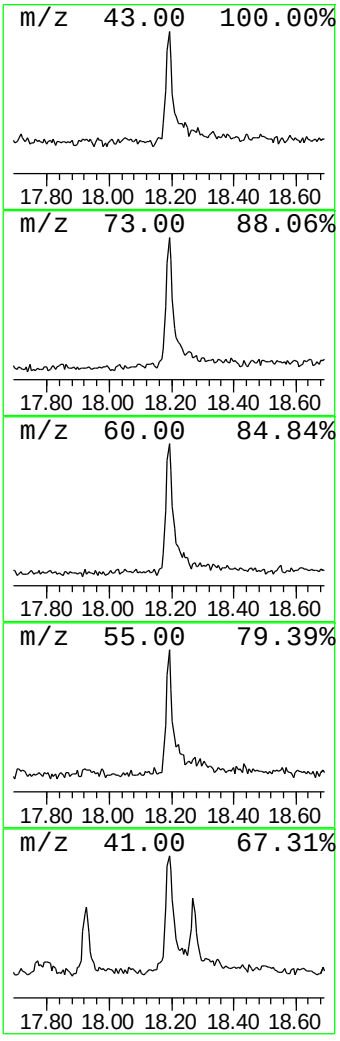
Peak Number 10 Tridecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.95 ng/ul	333236	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AJ9

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

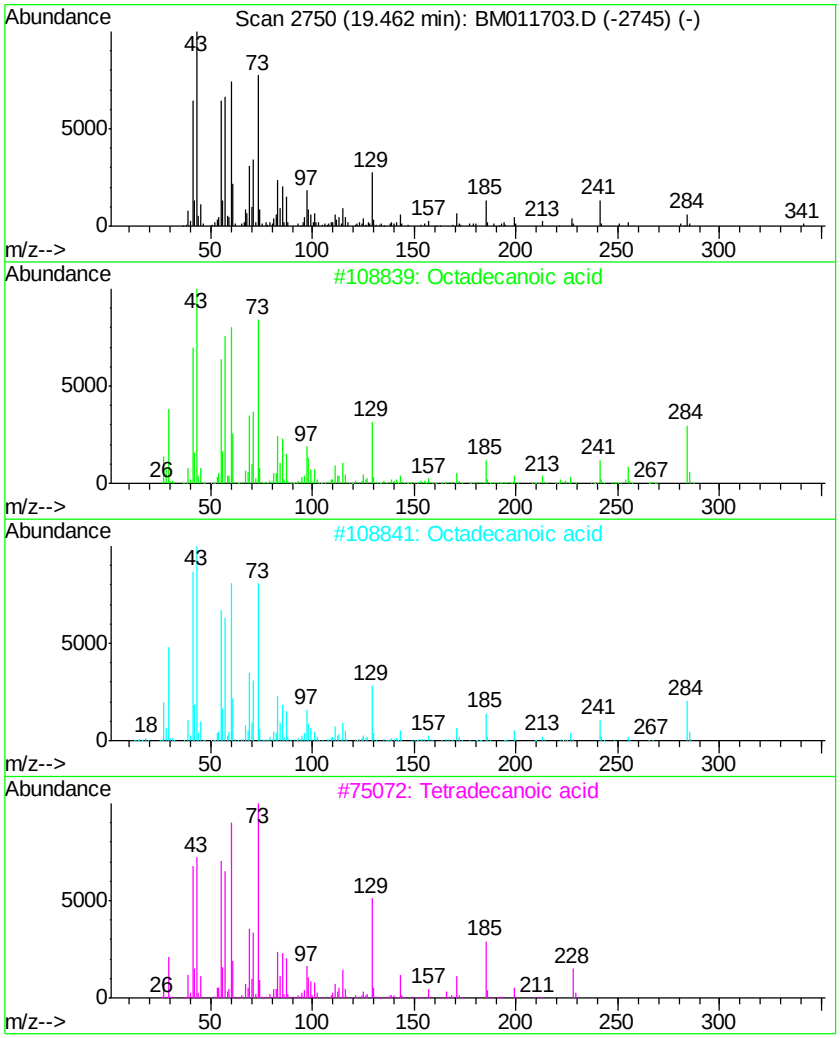
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

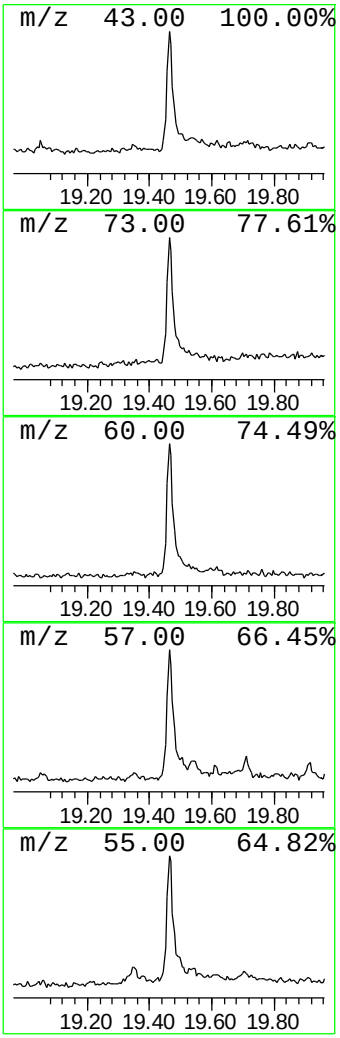
****

Peak Number 11 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	4.00 ng/ul	541678	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





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, 1-bromo-...	9.46	5.1	ng/ul	406957	2	10.76	1599380	20.0
Phenol, 5-chloro-...	12.73	3.4	ng/ul	327943	3	14.59	1939740	20.0
Phenol, 3,4-dichl...	13.59	6.2	ng/ul	601788	3	14.59	1939740	20.0
Tridecanoic acid	18.19	3.0	ng/ul	333236	4	17.32	2260850	20.0
Octadecanoic acid	19.46	4.0	ng/ul	541678	5	21.49	2705910	20.0