LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011613.D
Acq On : 19 Sep 2017 20:26
Operator : SJ/JU
Sample : I5271-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH4

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	331	340	342	rBV4	68961491	138798210	19.32%	7.945%
2	6.651	564	572	580	rBV	473710	808171	0.11%	0.046%
3	6.893	602	613	619	rBV	537775	1006279	0.14%	0.058%
4	7.122	647	652	666	rVB2	345767	776675	0.11%	0.044%
5	7.310	675	684	695	rBV	986098	2225400	0.31%	0.127%
6	7.504	709	717	721	rBV	1242049	2586310	0.36%	0.148%
7	7.881	770	781	792	rBV2	45499190	115251581	16.05%	6.597%
8	8.057	792	811	815	rBV5	69336407	266306503	37.08%	15.243%
9	8.475	849	882	886	rBV6	85753451	718278999	100.00%	41.113%
10	8.675	910	916	931	rVB	996006	1687310	0.23%	0.097%
11	9.139	988	995	1008	rBV	1741108	2890878	0.40%	0.165%
12	9.475	1044	1052	1071	rBV	4079309	6821640	0.95%	0.390%
13	9.792	1100	1106	1112	rVV	1700608	2992909	0.42%	0.171%
14	9.857	1112	1117	1125	rVV	1285952	2330994	0.32%	0.133%
15	10.398	1200	1209	1217	rBV	1742313	3289721	0.46%	0.188%
16	10.698	1242	1260	1264	rBV6	72420060	302908914	42.17%	17.338%
17	10.798	1271	1277	1282	rBV	2453470	3839649	0.53%	0.220%
18	10.845	1282	1285	1293	rVB	641142	910637	0.13%	0.052%
19	11.180	1330	1342	1349	rBV	43634229	80602157	11.22%	4.614%
20	12.757	1602	1610	1612	rBV4	409518	806283	0.11%	0.046%
21	12.792	1612	1616	1624	rVB	2008229	3112284	0.43%	0.178%
22	13.398	1712	1719	1736	rBV	7070763	10694267	1.49%	0.612%
23	13.598	1748	1753	1770	rVB	444713	811098	0.11%	0.046%
24	13.998	1811	1821	1841	rBV	4271889	6533331	0.91%	0.374%
25	14.292	1864	1871	1885	rVB	4089207	6148532	0.86%	0.352%
26	14.598	1915	1923	1931	rBV2	3261866	5024114	0.70%	0.288%
27	15.586	2084	2091	2098	rBV	5585052	7764679	1.08%	0.444%
28	15.698	2104	2110	2124	rBV	1723886	2496894	0.35%	0.143%
29	17.127	2348	2353	2363	rBV	1401104	2004597	0.28%	0.115%
30	17.339	2382	2389	2394	rBV2	4107644	6081474	0.85%	0.348%
31	17.433	2399	2405	2419	rVB2	6066752	8649930	1.20%	0.495%
32	19.721	2788	2794	2806	rBV	7673037	10104240	1.41%	0.578%
33	21.503	3091	3097	3107	rBV	5179256	6881281	0.96%	0.394%
34	23.721	3467	3474	3484	rVB2	4634981	9067535	1.26%	0.519%

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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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	23.874	3493	3500	3509	rVB	2981457	5765787	0.80%	0.330%
36	25.209	3722	3727	3738	rVB	345569	820749	0.11%	0.047%

Sum of corrected areas: 1747080012

LSC Report - Integrated Chromatogram

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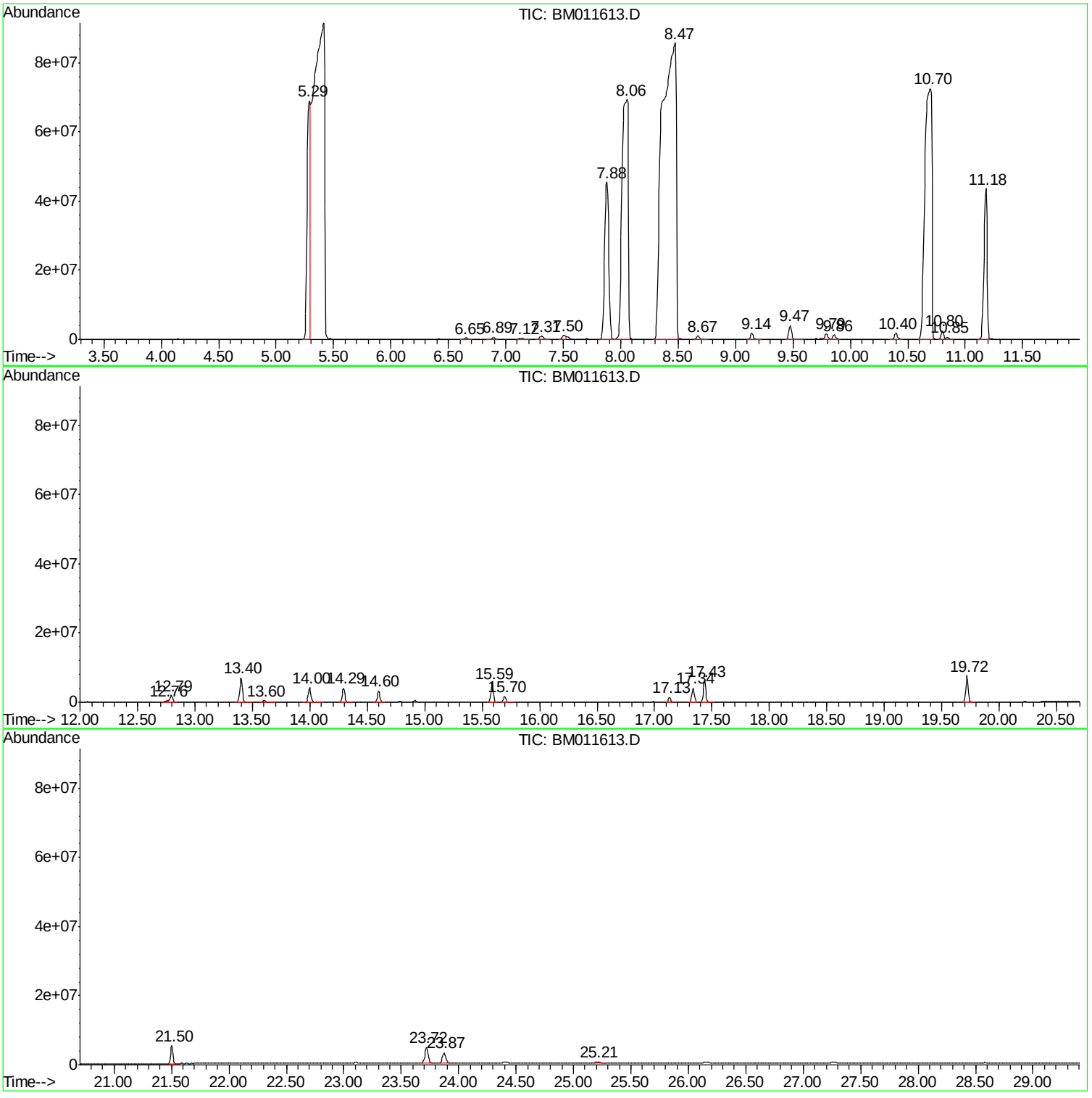
Sample : I5271-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH4

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011613.D
Acq On : 19 Sep 2017 20:26
Operator : SJ/JU
Sample : I5271-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH4

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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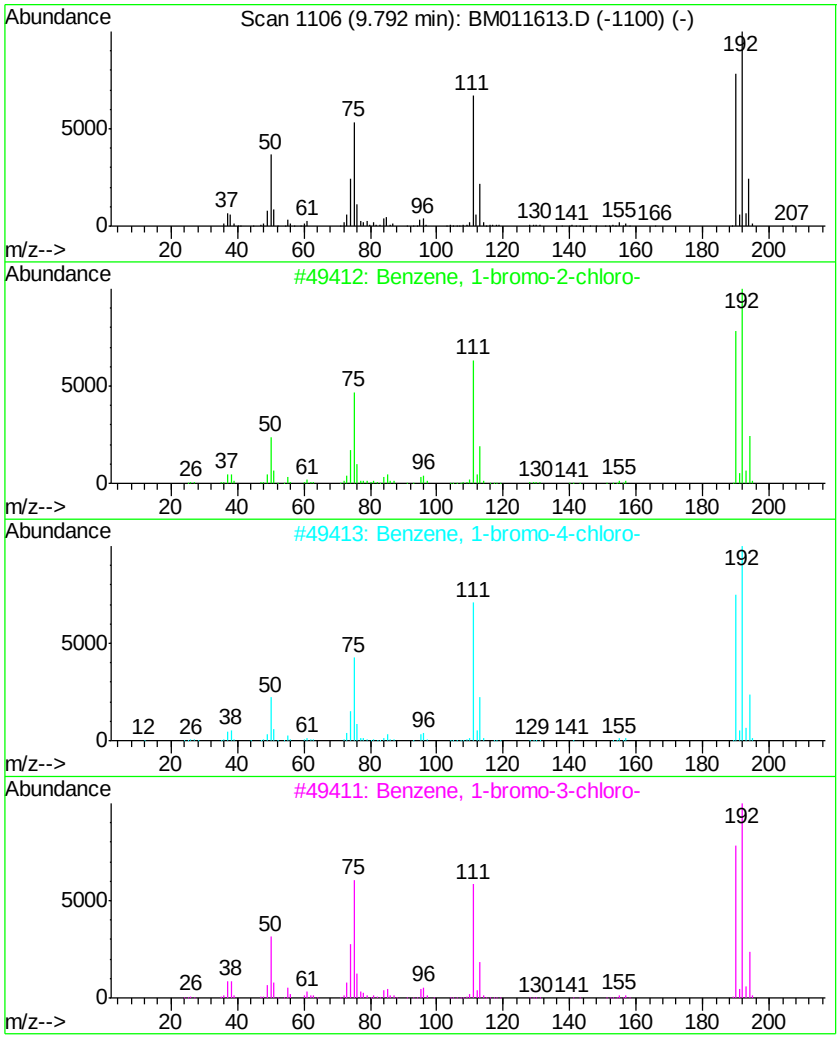
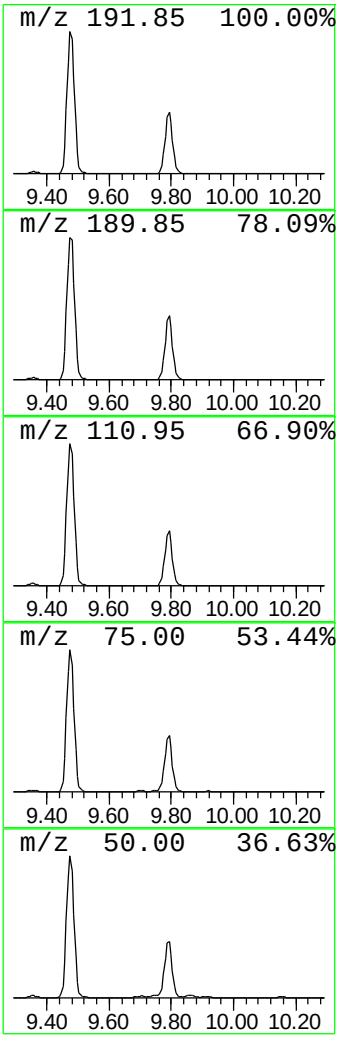
Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	15.59 ng/ul	2992910	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH4

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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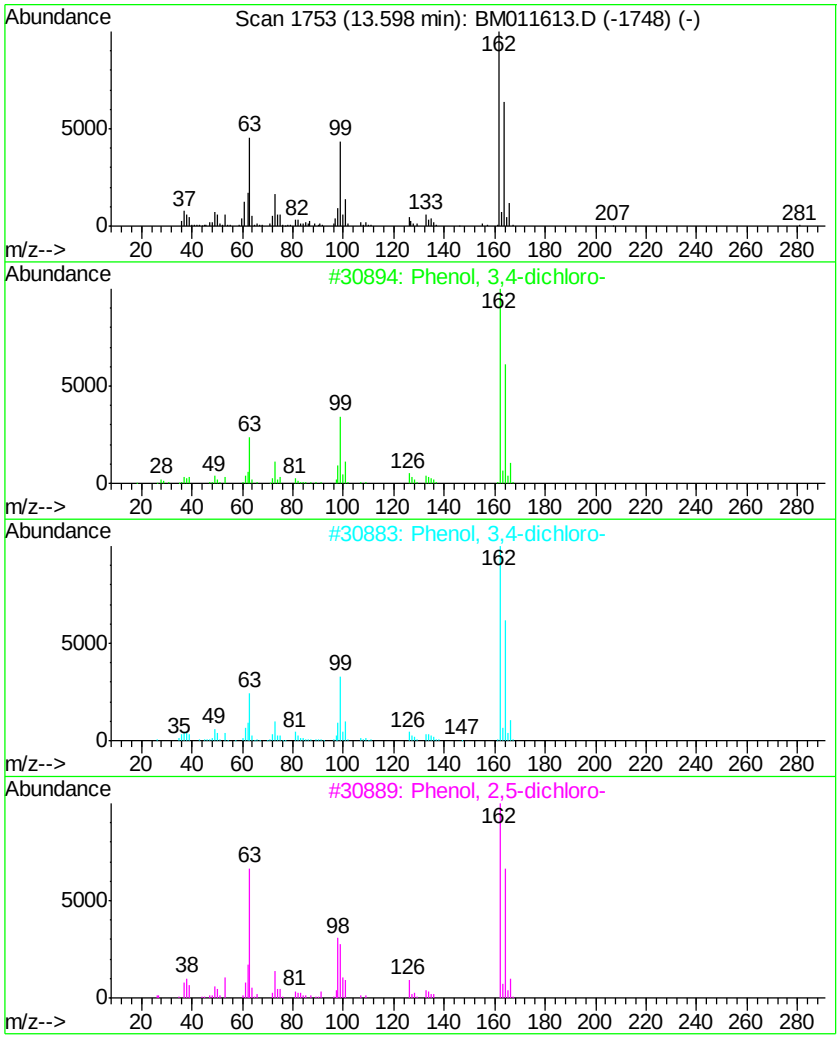
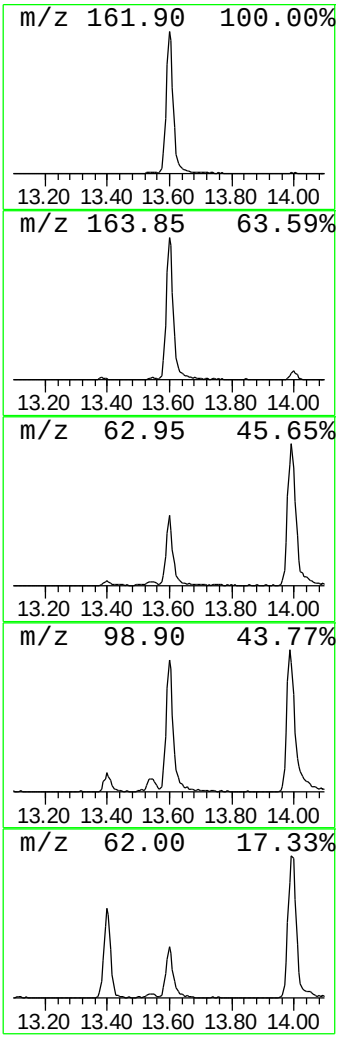
Peak Number 9 Phenol, 3,4-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.23 ng/ul	811098	Acenaphthene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	92
3	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	90
4	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	87
5	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	83





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Sample : I5271-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH4

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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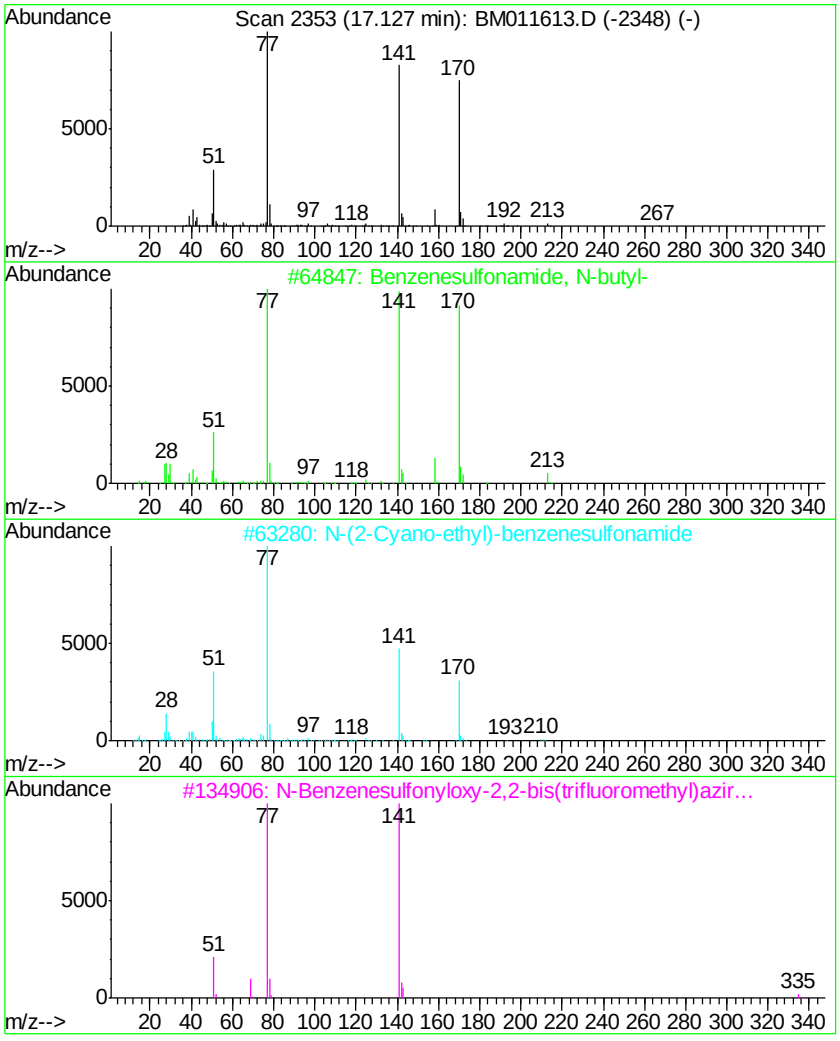
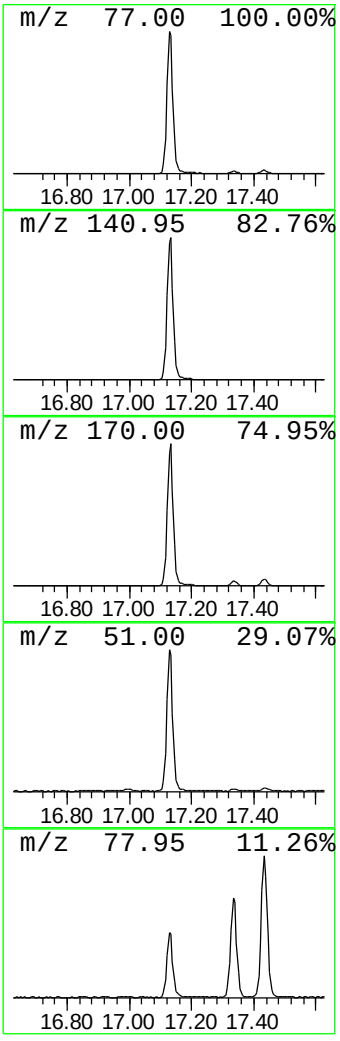
Peak Number 10 Benzenesulfonamide, N-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	6.59 ng/ul	2004600	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	72
2	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	64
3	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	50
4	1-[Phenylsulfonyl]-1-nitropropane	229	C9H11NO4S	021272-84-4	40
5	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	40





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TIC Integration Parameters: LSCINT.P

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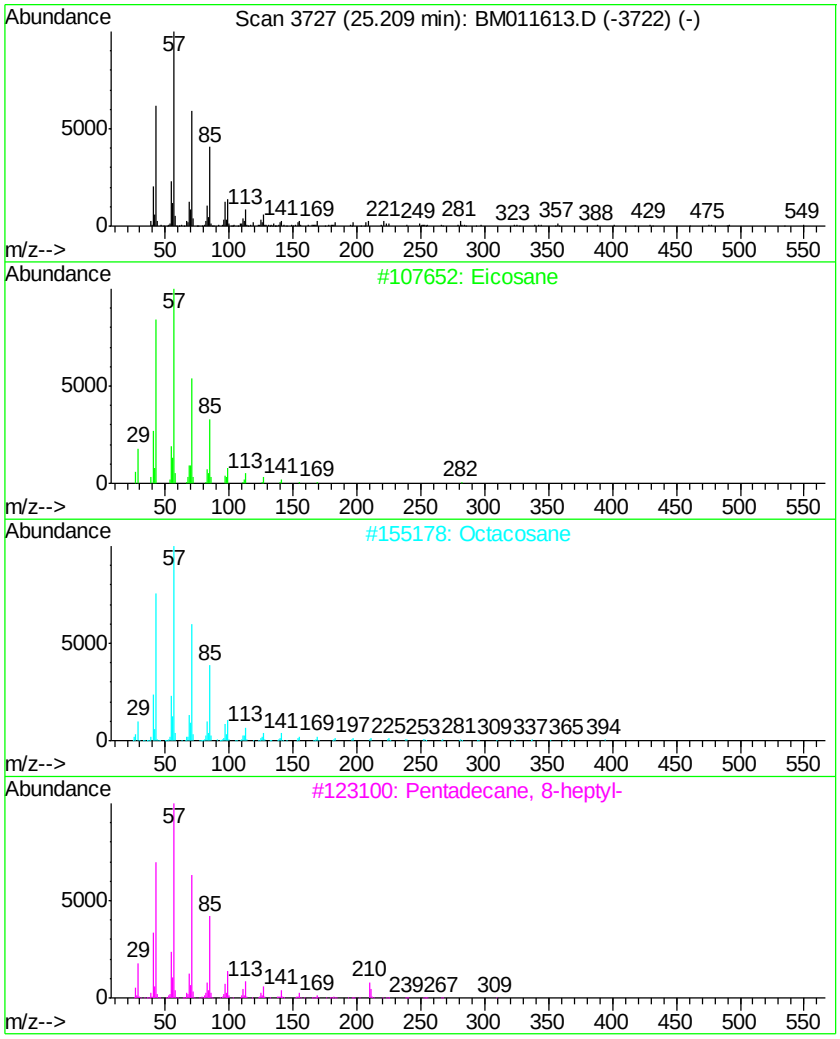
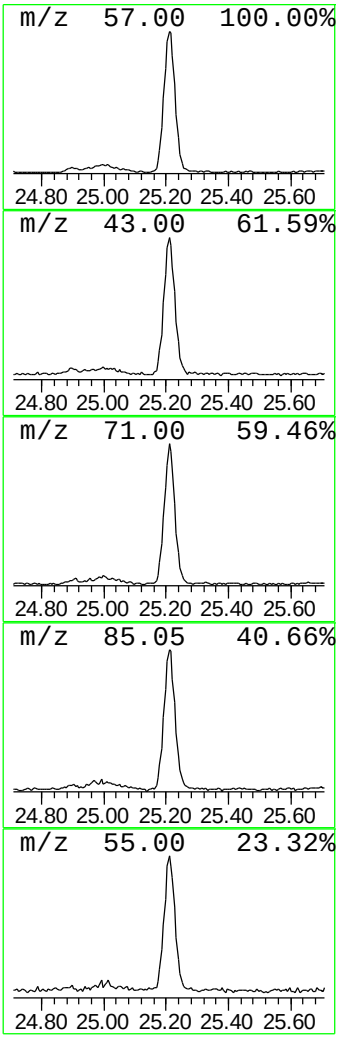
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.21	2.85 ng/ul	820749	Perylene-d12	23.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Pentacosane	352	C25H52	000629-99-2	86





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.79	15.6	ng/ul	2992910	2	10.80	3839650	20.0
Phenol, 3,4-dichl...	13.60	3.2	ng/ul	811098	3	14.60	5024110	20.0
Benzenesulfonamid...	17.13	6.6	ng/ul	2004600	4	17.34	6081470	20.0
(DEL) Alkane: Str...	25.21	2.9	ng/ul	820749	6	23.87	5765790	20.0