LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
Data File : BM011612.D
Acq On : 19 Sep 2017 19:50
Operator : SJ/JU
Sample : I5271-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH3

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	68226111	140023398	18.99%	7.725%
2	6.651	564	572	580	rBV	513436	896390	0.12%	0.049%
3	6.898	603	614	620	rBV	600351	1158600	0.16%	0.064%
4	7.122	647	652	673	rVB2	392119	917890	0.12%	0.051%
5	7.310	676	684	697	rBV	1067863	2478182	0.34%	0.137%
6	7.504	709	717	733	rBV2	1352886	4011105	0.54%	0.221%
7	7.881	769	781	792	rBV2	47170431	121866362	16.52%	6.723%
8	8.057	792	811	816	rBV5	69086057	271988606	36.88%	15.005%
9	8.481	849	883	887	rBV6	85550814	737520619	100.00%	40.687%
10	8.675	910	916	928	rVB	1124040	1875087	0.25%	0.103%
11	9.139	988	995	1008	rBV	1861504	3150576	0.43%	0.174%
12	9.475	1045	1052	1065	rBV	4396886	7300336	0.99%	0.403%
13	9.792	1100	1106	1112	rVV	1818116	3235695	0.44%	0.179%
14	9.863	1112	1118	1125	rVV	1431251	2569999	0.35%	0.142%
15	10.398	1201	1209	1217	rBV	1902818	3581841	0.49%	0.198%
16	10.698	1242	1260	1265	rBV6	73089428	316035779	42.85%	17.435%
17	10.804	1271	1278	1282	rBV	2375098	3685590	0.50%	0.203%
18	10.845	1282	1285	1292	rVB	698737	1008390	0.14%	0.056%
19	11.181	1329	1342	1349	rBV	46002455	87326457	11.84%	4.818%
20	12.757	1602	1610	1612	rBV4	523177	993240	0.13%	0.055%
21	12.792	1612	1616	1624	rVB	2531206	3810867	0.52%	0.210%
22	13.398	1712	1719	1729	rBV	8673496	13564668	1.84%	0.748%
23	13.598	1748	1753	1771	rVB	513197	909366	0.12%	0.050%
24	13.998	1812	1821	1838	rBV	4633578	7060077	0.96%	0.389%
25	14.292	1859	1871	1883	rBV	4591773	6716842	0.91%	0.371%
26	14.598	1915	1923	1931	rBV2	3203585	4806597	0.65%	0.265%
27	14.910	1971	1976	1986	rVV	614080	943212	0.13%	0.052%
28	15.586	2084	2091	2099	rBV	5879022	8328982	1.13%	0.459%
29	15.698	2104	2110	2121	rBV	1939638	2775028	0.38%	0.153%
30	17.133	2347	2354	2364	rBV	2245465	3083017	0.42%	0.170%
31	17.339	2382	2389	2394	rBV	4046400	5808460	0.79%	0.320%
32	17.433	2399	2405	2419	rVB	6353373	9337440	1.27%	0.515%
33	19.721	2787	2794	2803	rBV	8659564	11106373	1.51%	0.613%
34	21.503	3091	3097	3105	rBV	5071312	6709742	0.91%	0.370%

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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	23.721	3466	3474	3486	rBV2	5089087	10297792	1.40%	0.568%
36	23.874	3493	3500	3510	rVB	2862294	5784736	0.78%	0.319%

Sum of corrected areas: 1812667341

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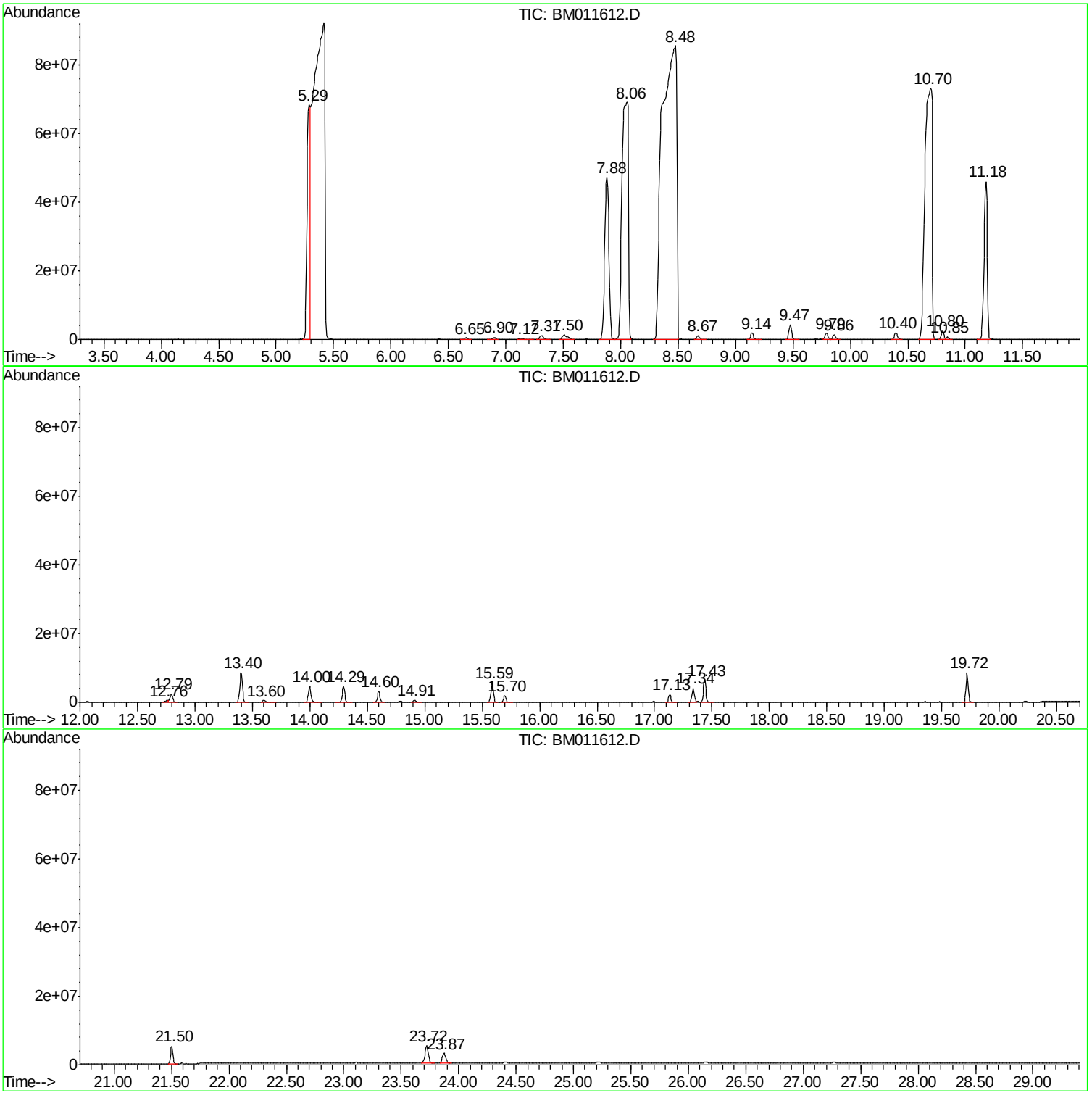
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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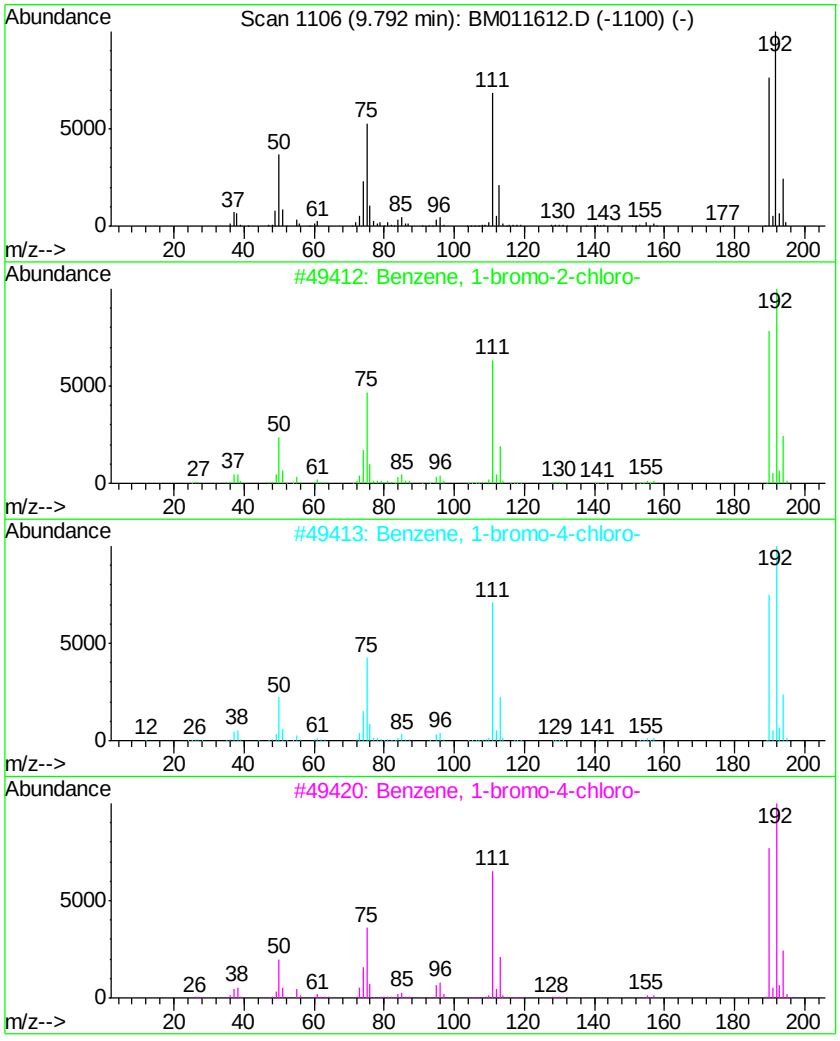
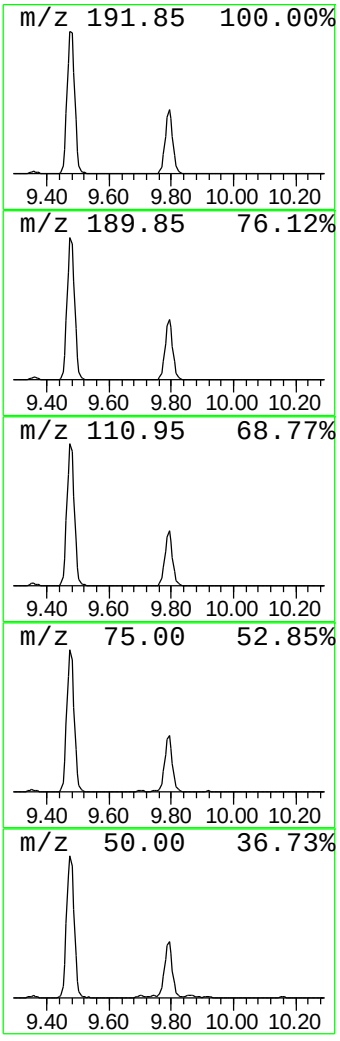
Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	17.56 ng/ul	3235700	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-4-chloro-	190	C6H4BrCl	000106-39-8	96
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH3

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

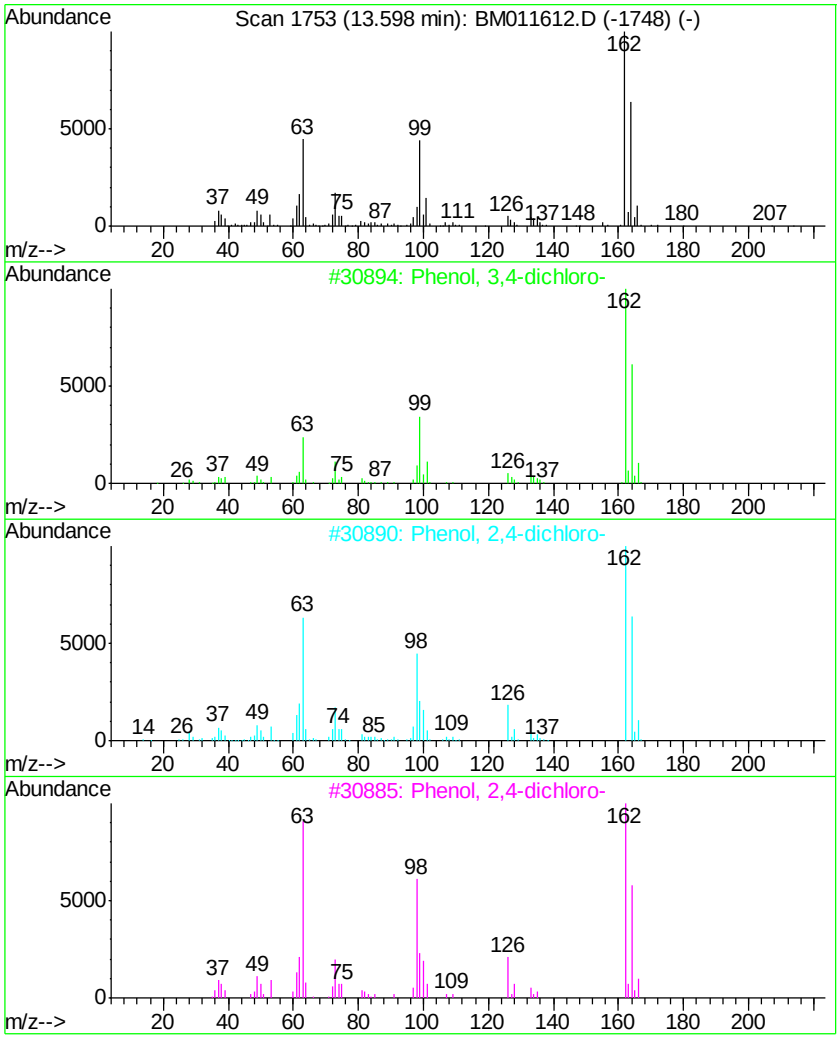
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

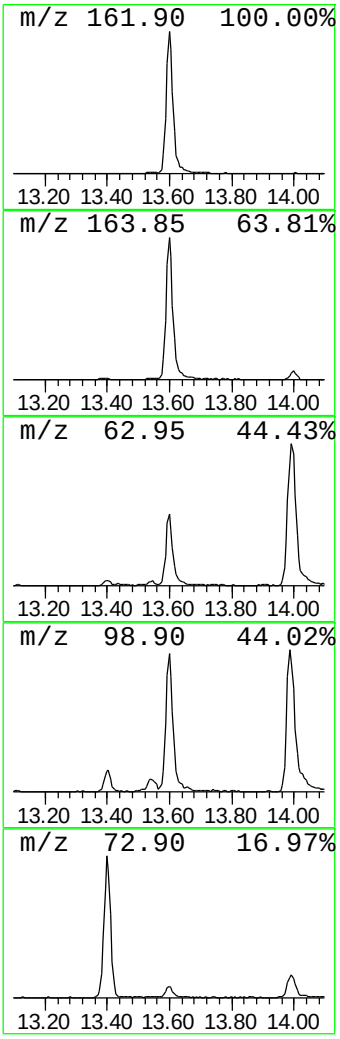
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.78 ng/ul	909366	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, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	91
3	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	91
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	91
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90





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Instrument : BNA_M
ClientSampleId : C0AH3

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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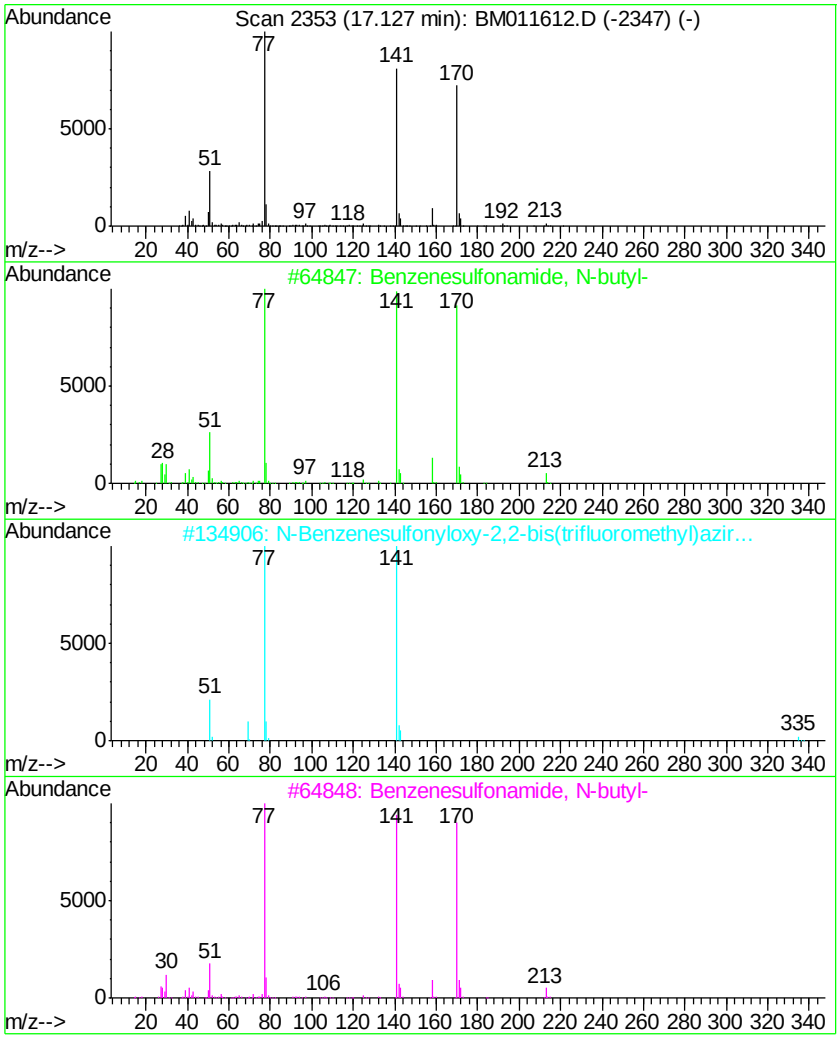
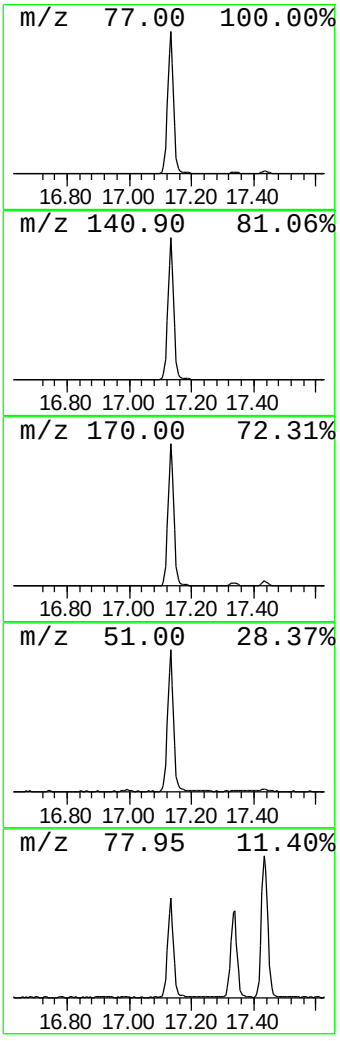
Peak Number 10 Benzenesulfonamide, N-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	10.62 ng/ul	3083020	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	50
3	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	43
4	1-[Phenylsulfonyl]-1-nitropropane	229	C9H11NO4S	021272-84-4	42
5	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	40





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	17.6	ng/ul	3235700	2	10.80	3685590	20.0
Phenol, 3,4-dichl...	13.60	3.8	ng/ul	909366	3	14.60	4806600	20.0
Benzenesulfonamid...	17.13	10.6	ng/ul	3083020	4	17.34	5808460	20.0