LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005985.D
Acq On : 25 Jun 2016 02:49
Operator : UM/SJ
Sample : H3612-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z34

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-BM062216.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	6.828	715	721	729	rBV	84030	144044	3.90%	0.600%
2	6.998	744	750	756	rBV	61485	98086	2.66%	0.408%
3	7.192	778	783	791	rVB	82779	133396	3.62%	0.555%
4	7.663	856	863	871	rBV	762153	1279624	34.68%	5.326%
5	8.363	974	982	989	rBV	96642	154193	4.18%	0.642%
6	8.810	1052	1058	1066	rBV	71790	122288	3.31%	0.509%
7	9.528	1174	1180	1188	rBV	57087	100373	2.72%	0.418%
8	10.063	1264	1271	1281	rBV	105512	194979	5.28%	0.812%
9	10.439	1328	1335	1352	rVB	1096315	1960786	53.14%	8.161%
10	10.586	1354	1360	1367	rBV3	35291	74242	2.01%	0.309%
11	13.721	1887	1893	1897	rBV	162149	244635	6.63%	1.018%
12	13.763	1897	1900	1907	rVB	49905	72247	1.96%	0.301%
13	13.998	1933	1940	1950	rVB	188671	301497	8.17%	1.255%
14	14.310	1986	1993	2002	rBV2	1604800	2573264	69.74%	10.711%
15	14.504	2021	2026	2033	rBV	66562	102317	2.77%	0.426%
16	15.304	2156	2162	2168	rBV	296014	419457	11.37%	1.746%
17	15.421	2177	2182	2189	rVB3	55234	88365	2.39%	0.368%
18	15.539	2196	2202	2214	rBV	599596	897636	24.33%	3.736%
19	15.798	2241	2246	2252	rVB2	26073	41189	1.12%	0.171%
20	15.898	2256	2263	2280	rBV	1208229	1832890	49.67%	7.629%
21	16.468	2354	2360	2368	rBV6	28691	46215	1.25%	0.192%
22	17.057	2452	2460	2466	rBV2	2123246	3151123	85.40%	13.116%
23	17.151	2470	2476	2487	rVB	312767	453782	12.30%	1.889%
24	17.692	2564	2568	2573	rBV	30189	44496	1.21%	0.185%
25	17.851	2591	2595	2599	rBV	60981	84035	2.28%	0.350%
26	18.615	2720	2725	2735	rBV	454152	703578	19.07%	2.929%
27	19.115	2808	2810	2815	rVB	35576	42376	1.15%	0.176%
28	19.450	2862	2867	2876	rVB2	386919	590194	15.99%	2.457%
29	19.839	2929	2933	2938	rBV	315579	400184	10.84%	1.666%
30	21.244	3167	3172	3183	rVB2	2796256	3690043	100.00%	15.359%
31	22.803	3434	3437	3442	rVB	216170	306361	8.30%	1.275%
32	23.321	3521	3525	3530	rBV2	192384	289464	7.84%	1.205%
33	23.462	3542	3549	3557	rVB	1808819	3387666	91.81%	14.101%

LSC Area Percent Report

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Data File : BM005985.D
Acq On : 25 Jun 2016 02:49
Operator : UM/SJ
Sample : H3612-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z34

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-BM062216.M
Title : SVOA CALIBRATION

Sum of corrected areas: 24025025

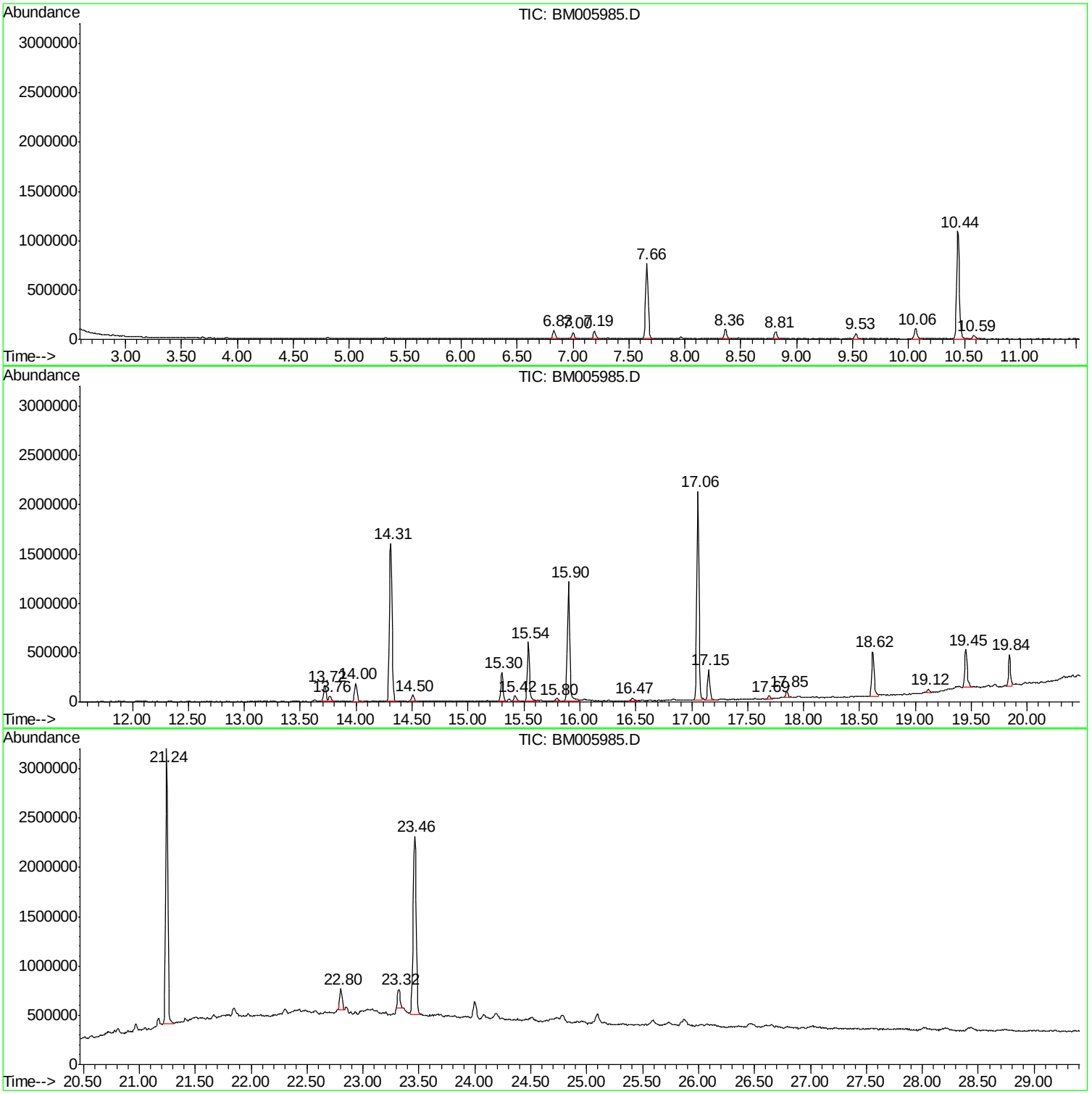
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005985.D
Acq On : 25 Jun 2016 02:49
Operator : UM/SJ
Sample : H3612-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005985.D
Acq On : 25 Jun 2016 02:49
Operator : UM/SJ
Sample : H3612-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

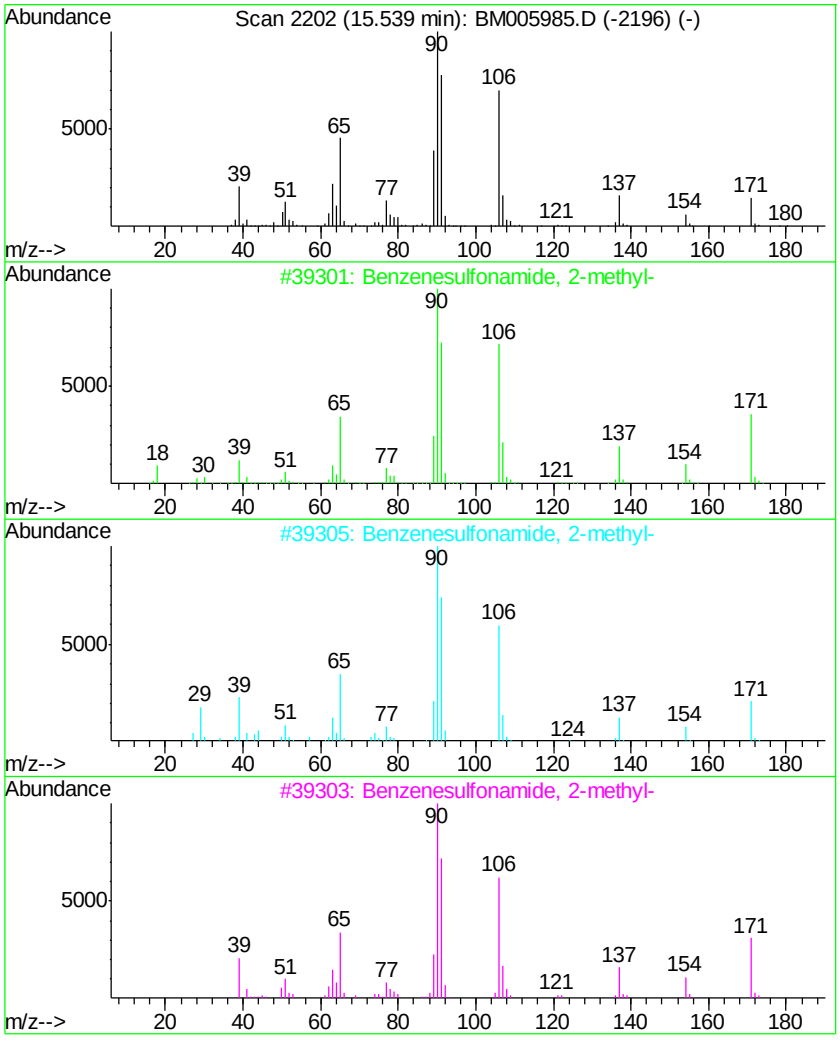
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

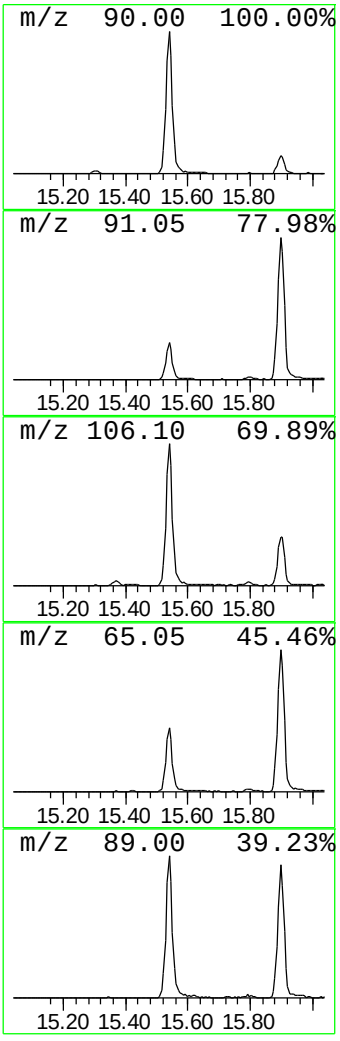
****

Peak Number 1 Benzenesulfonamide, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.98 ng/ul	897636	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	95
2	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	94
3	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	93
4	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	93
5	Gluconic acid	196	C6H12O7	000526-95-4	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005985.D
Acq On : 25 Jun 2016 02:49
Operator : UM/SJ
Sample : H3612-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

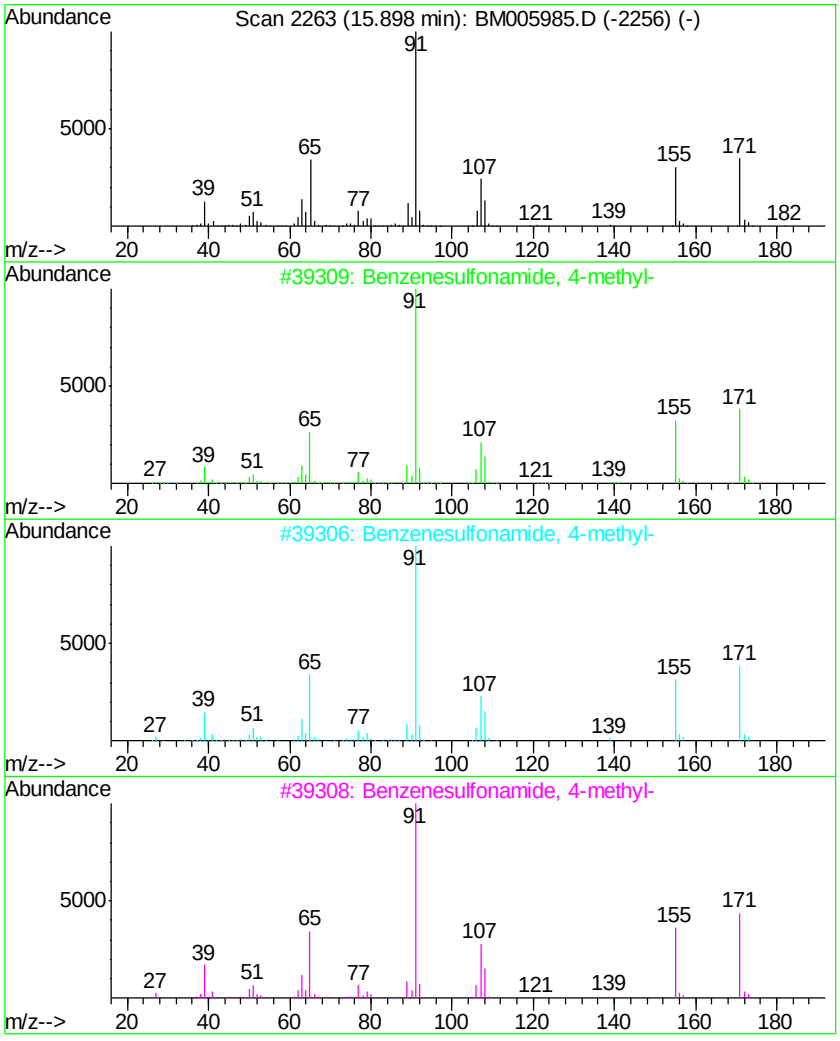
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

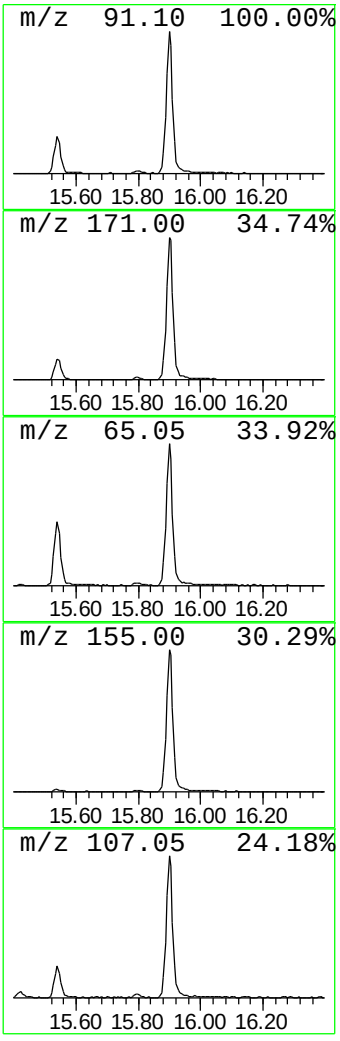
****

Peak Number 2 Benzenesulfonamide, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	11.63 ng/ul	1832890	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
3	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
4	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
5	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	95





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Sample : H3612-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

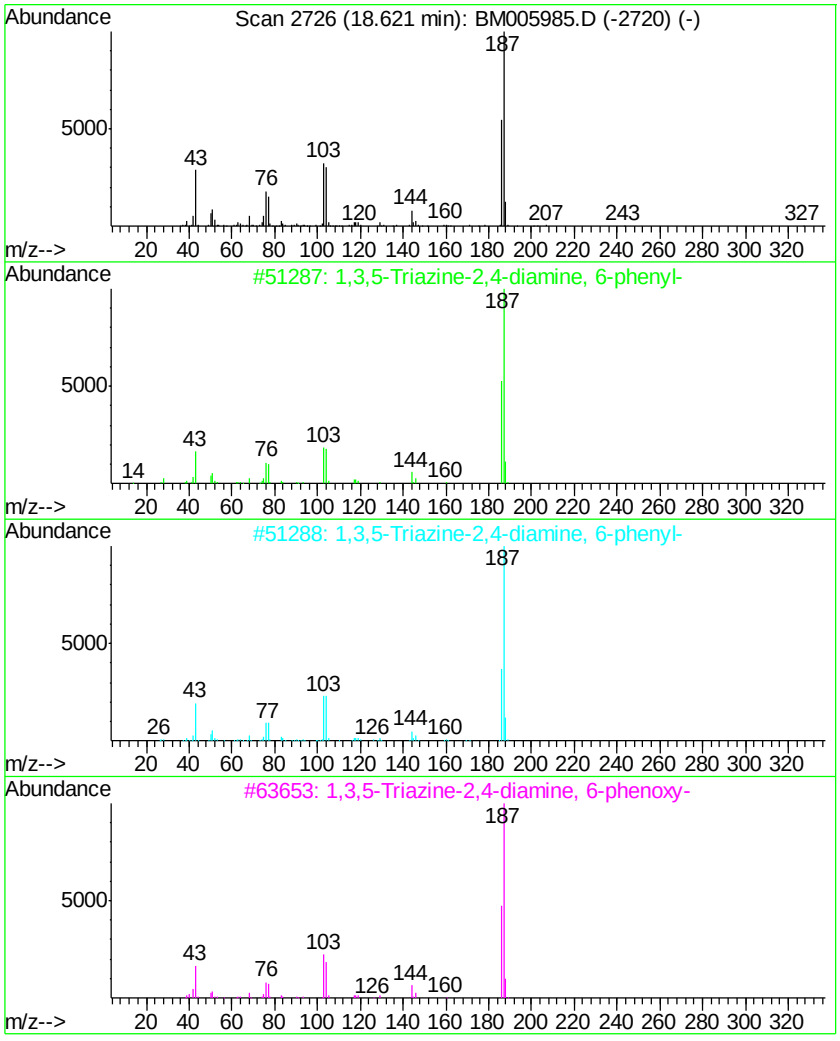
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

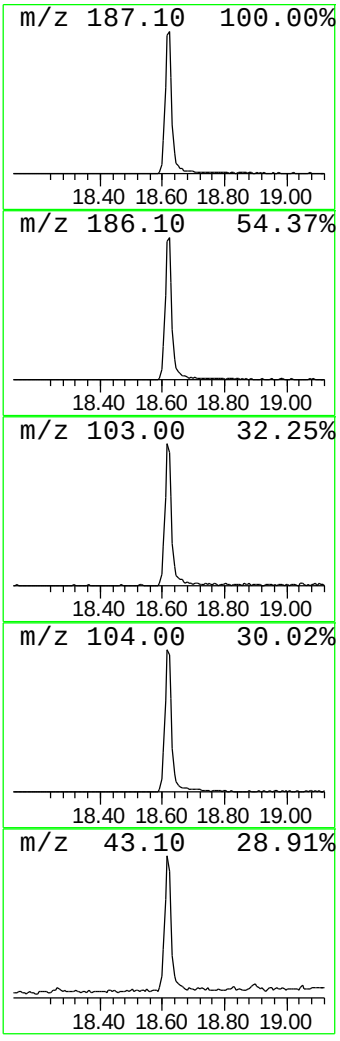
****

Peak Number 3 1,3,5-Triazine-2,4-diamine,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.47 ng/ul	703578	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4-diamine, 6-ph...	187	C9H9N5	000091-76-9	96
2	1,3,5-Triazine-2,4-diamine, 6-ph...	187	C9H9N5	000091-76-9	94
3	1,3,5-Triazine-2,4-diamine, 6-ph...	203	C9H9N5O	001467-72-7	90
4	2-Propenoic acid, 2-cyano-3-phen...	187	C11H9NO2	003695-84-9	50
5	3(2H)-Pyridazinone, 5-amino-2-ph...	187	C10H9N3O	013589-77-0	50





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Sample : H3612-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

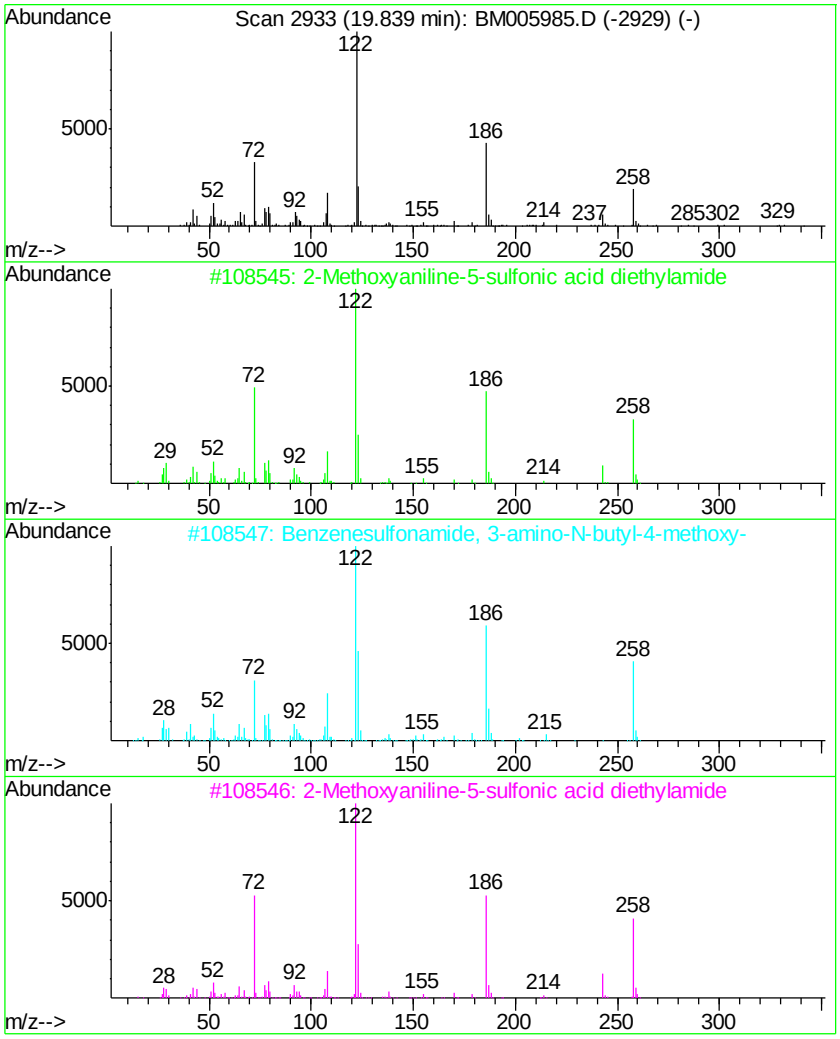
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

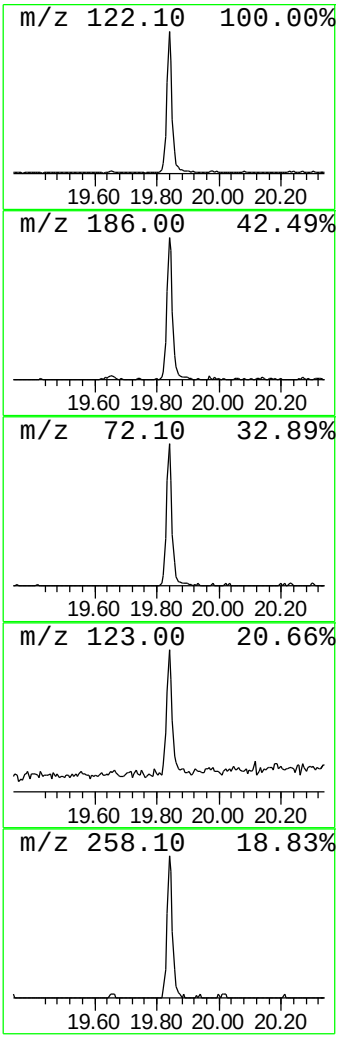
****

Peak Number 4 2-Methoxyaniline-5-sulfonic... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.17 ng/ul	400184	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxyaniline-5-sulfonic acid...	258	C11H18N2O3S	000097-35-8	98
2	Benzenesulfonamide, 3-amino-N-bu...	258	C11H18N2O3S	000080-22-8	87
3	2-Methoxyaniline-5-sulfonic acid...	258	C11H18N2O3S	000097-35-8	49
4	Phthalic acid, decyl 2-(2-fluoro...	428	C26H33FO4	1000378-05-6	32
5	Sebacic acid, 2,5-dimethylphenyl...	334	C20H30O4	1000354-97-7	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005985.D
Acq On : 25 Jun 2016 02:49
Operator : UM/SJ
Sample : H3612-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzenesulfonamid...	15.54	7.0	ng/ul	897636	3	14.31	2573260	20.0
Benzenesulfonamid...	15.90	11.6	ng/ul	1832890	4	17.06	3151120	20.0
1,3,5-Triazine-2,...	18.62	4.5	ng/ul	703578	4	17.06	3151120	20.0
2-Methoxyaniline-...	19.84	2.2	ng/ul	400184	5	21.24	3690040	20.0