LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008837.D
Acq On : 24 Jan 2017 12:48
Operator : UM/SJ
Sample : I1320-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2808

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-BM012317.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	2.922	50	57	88	rVB3	105618000	210412970	100.00%	72.348%
2	9.145	1111	1115	1129	rVB	1359463	2250949	1.07%	0.774%
3	9.404	1152	1159	1167	rVB	1635087	2486880	1.18%	0.855%
4	12.010	1595	1602	1613	rBV	1448989	2337638	1.11%	0.804%
5	12.616	1698	1705	1714	rVB	1787200	2824428	1.34%	0.971%
6	13.410	1833	1840	1847	rVB	1876409	2728635	1.30%	0.938%
7	13.663	1876	1883	1890	rBV	1601889	2438965	1.16%	0.839%
8	13.980	1931	1937	1943	rBV	1506819	2106649	1.00%	0.724%
9	14.268	1979	1986	1988	rBV	1508819	2192622	1.04%	0.754%
10	14.298	1988	1991	1999	rVB	2204094	3282505	1.56%	1.129%
11	14.774	2063	2072	2082	rBV3	2183147	4083375	1.94%	1.404%
12	14.933	2092	2099	2103	rBV	1655772	2467979	1.17%	0.849%
13	15.386	2171	2176	2182	rBV	2368326	3108622	1.48%	1.069%
14	15.568	2200	2207	2212	rBV	1917444	2808927	1.33%	0.966%
15	15.827	2246	2251	2258	rVB	3186330	4220463	2.01%	1.451%
16	16.615	2381	2385	2391	rVB	2007760	2792734	1.33%	0.960%
17	16.962	2438	2444	2453	rBV	1638488	2301549	1.09%	0.791%
18	17.362	2508	2512	2517	rVV	2050859	2885634	1.37%	0.992%
19	17.415	2517	2521	2528	rVB2	2176998	3132537	1.49%	1.077%
20	18.274	2660	2667	2672	rBV	2689354	3246232	1.54%	1.116%
21	19.703	2903	2910	2913	rBV	2653091	3772092	1.79%	1.297%
22	21.474	3205	3211	3218	rBV2	3581222	6084090	2.89%	2.092%
23	21.909	3280	3285	3290	rBV	4182535	5113755	2.43%	1.758%
24	22.297	3346	3351	3357	rVB	1910857	2354230	1.12%	0.809%
25	23.133	3487	3493	3500	rVB	1761040	2944687	1.40%	1.012%
26	23.703	3582	3590	3594	rBV2	1466132	2948520	1.40%	1.014%
27	26.285	4020	4029	4039	rVB2	1258108	3506797	1.67%	1.206%

Sum of corrected areas: 290834464

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BNA_M
ClientSampleId :
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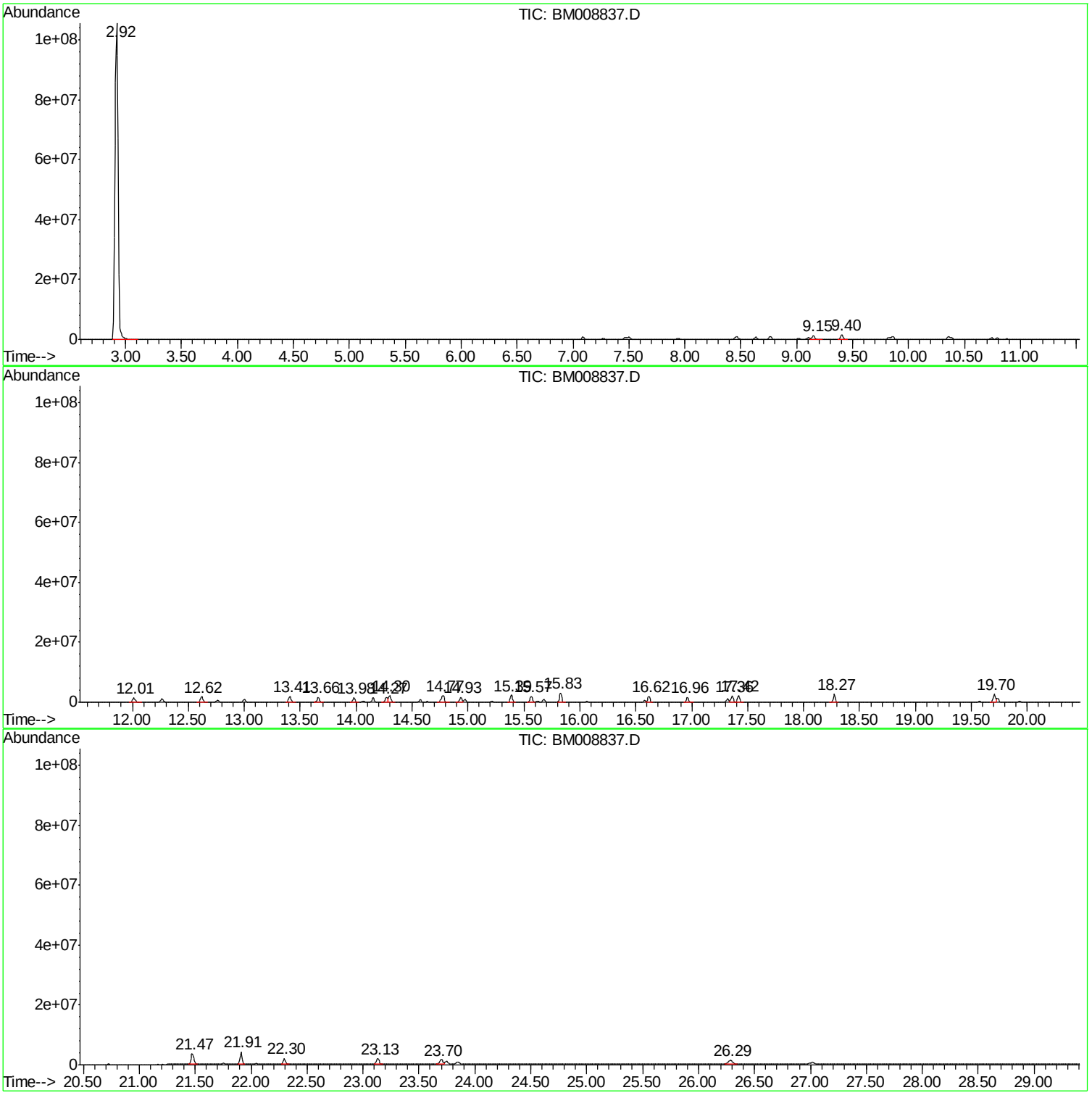
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008837.D
Acq On : 24 Jan 2017 12:48
Operator : UM/SJ
Sample : I1320-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2808

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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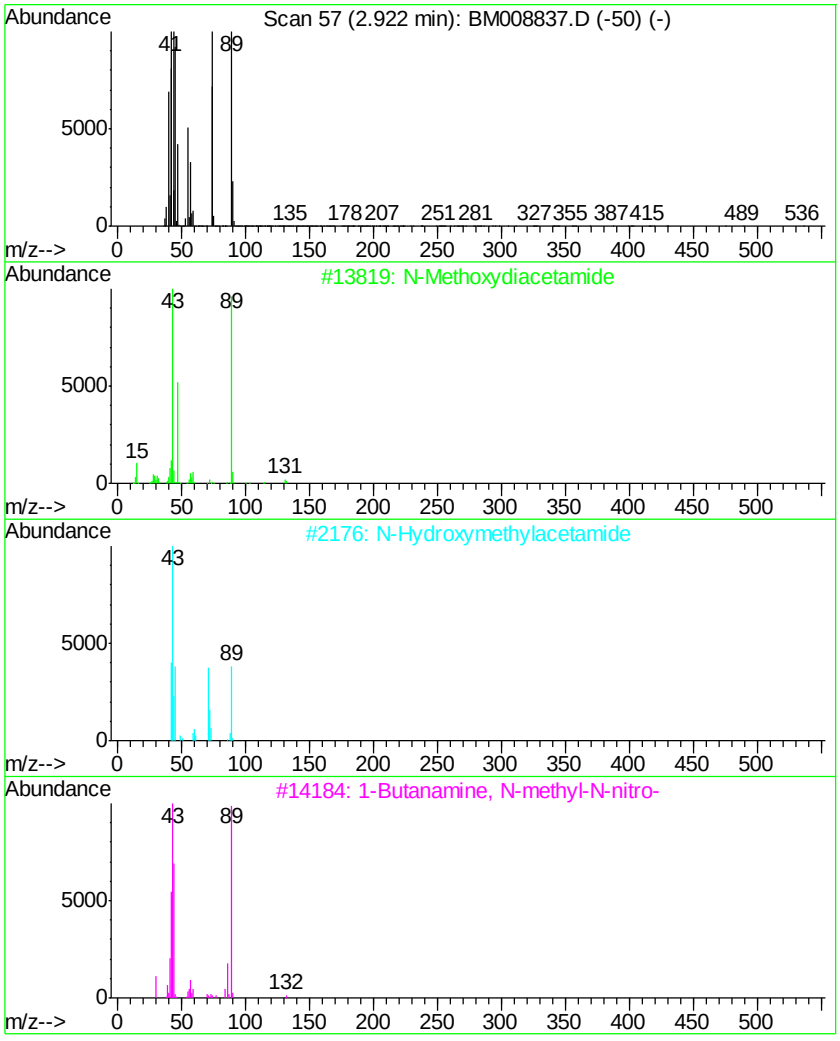
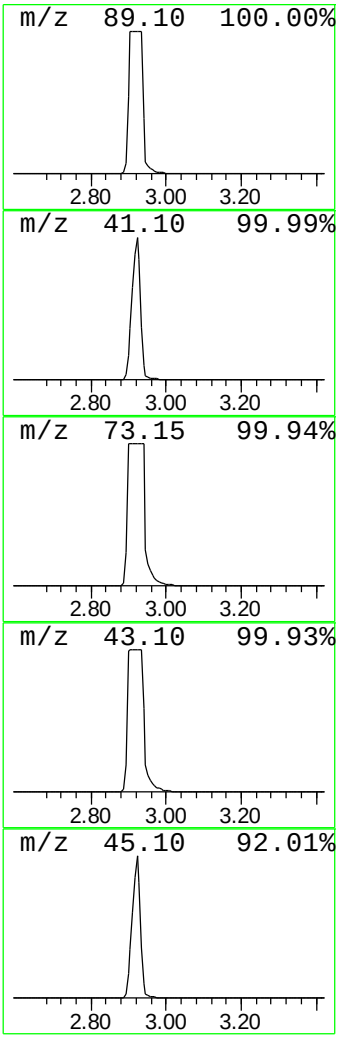
Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	1869.55 ng/ul	210413000	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methoxydiacetamide	131	C5H9NO3	128459-09-6	43
2	N-Hydroxymethylacetamide	89	C3H7NO2	000625-51-4	38
3	1-Butanamine, N-methyl-N-nitro-	132	C5H12N2O2	052330-07-1	37
4	3,6-Octadecadiynoic acid, methyl...	290	C19H30O2	056554-43-9	10
5	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9





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

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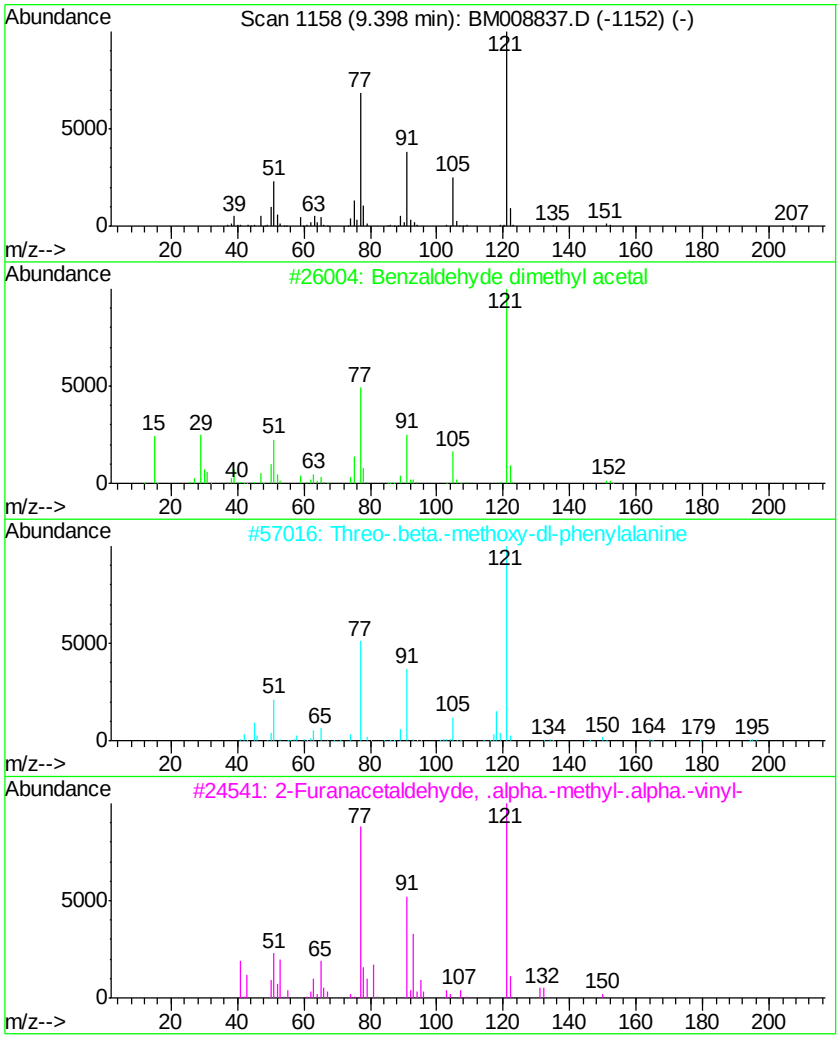
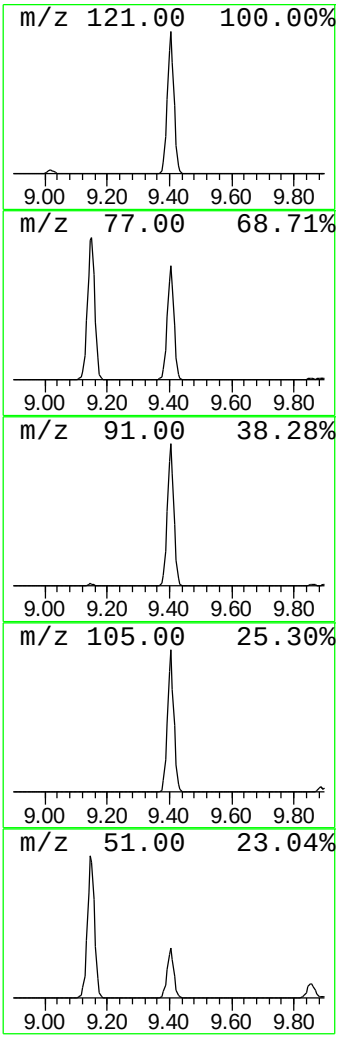
Peak Number 2 Benzaldehyde dimethyl acetal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	21.28 ng/ul	2486880	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	72
2	Threo-.beta.-methoxy-dl-phenylal...	195	C10H13NO3	1000250-97-1	59
3	2-Furanacetaldehyde, .alpha.-met...	150	C9H10O2	031776-28-0	53
4	(R)-(-)-.alpha.-Methoxyphenylace...	166	C9H10O3	003966-32-3	50
5	3-Methoxy-3-phenylpropyl chloride	184	C10H13ClO	1000370-35-5	50





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Operator : UM/SJ
Sample : I1320-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2808

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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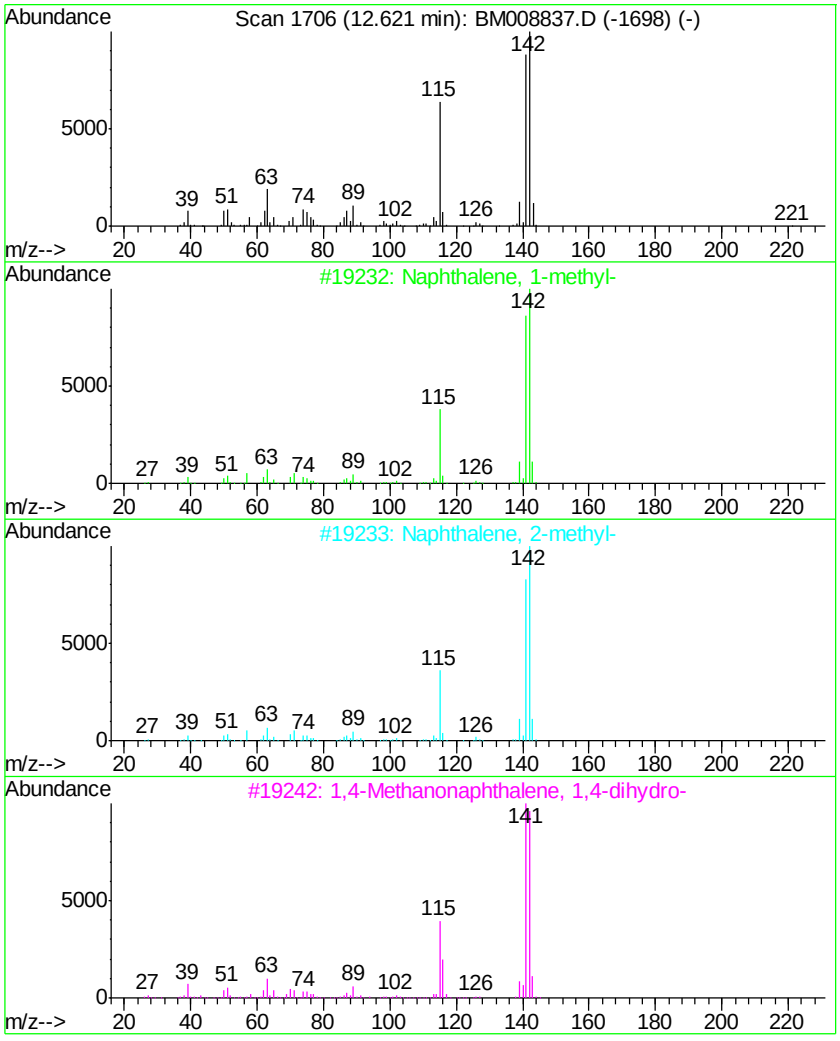
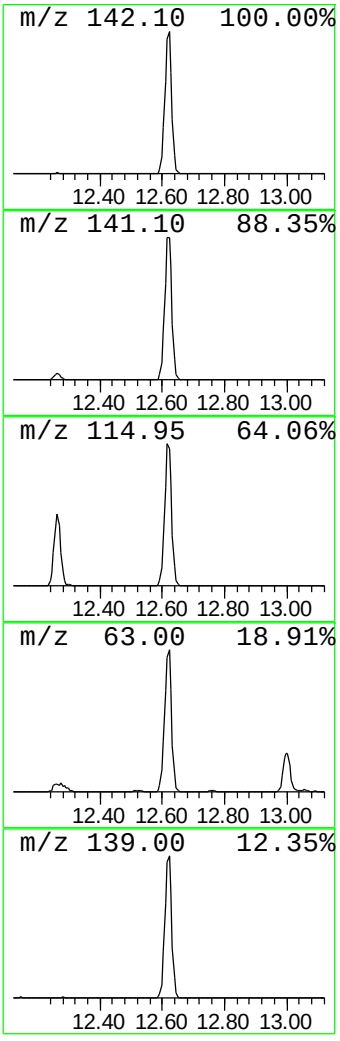
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	24.16 ng/ul	2824430	Naphthalene-d8	10.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Instrument : BNA_M
ClientSampleId : X2808

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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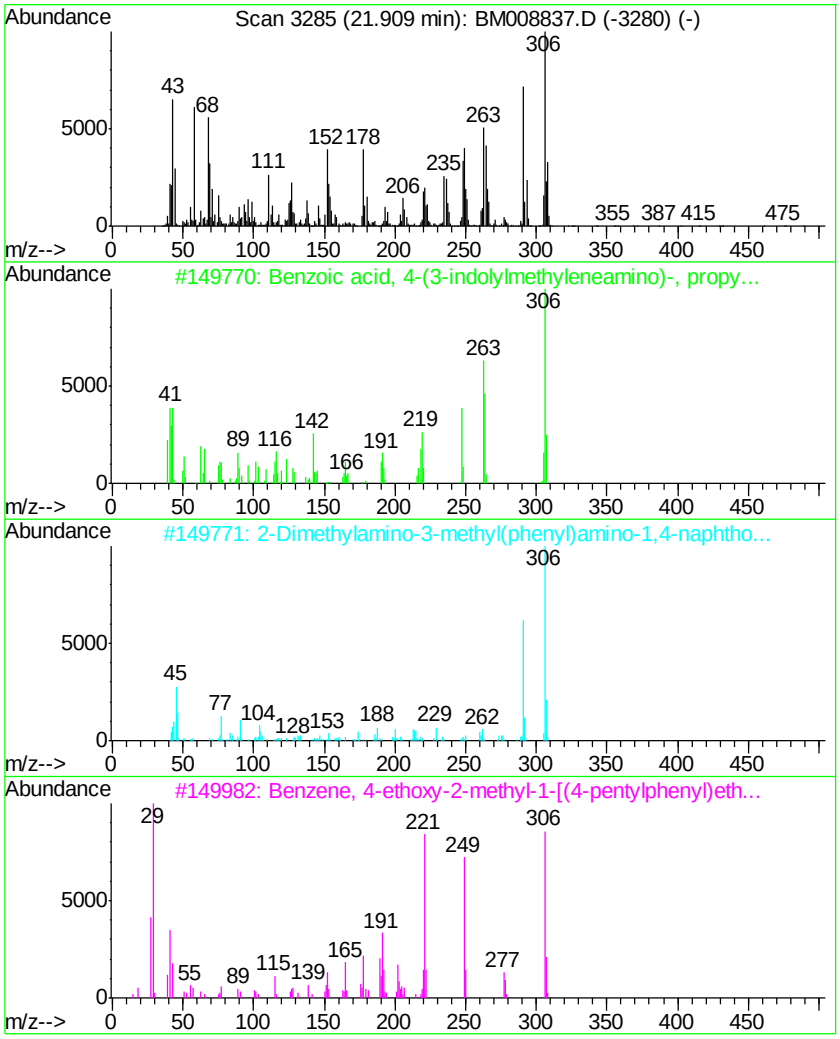
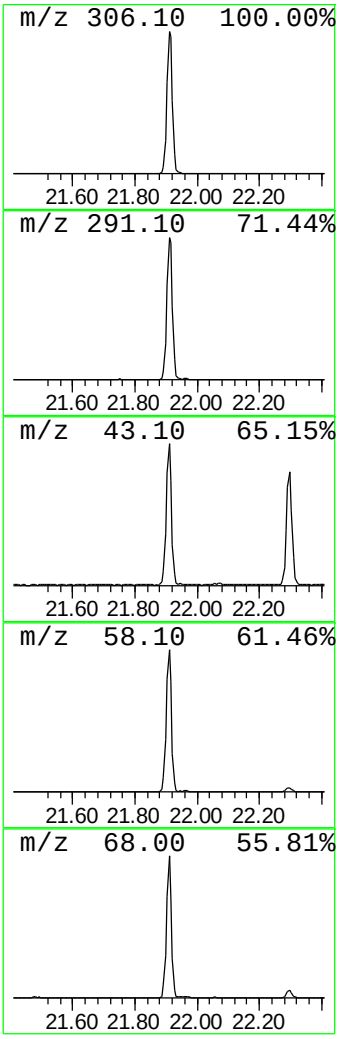
Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	16.81 ng/ul	5113760	Chrysene-d12	21.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-(3-indolylmethyl...	306	C19H18N2O2	304669-02-1	46
2	2-Dimethylamino-3-methyl(phenyl)...	306	C19H18N2O2	134614-10-1	38
3	Benzene, 4-ethoxy-2-methyl-1-[(4...	306	C22H26O	107949-31-5	27
4	Acetic acid, [4-(4-chloro-3-nitr...	348	C16H13ClN2O5	303760-38-5	22
5	1,1':2',1''-Terphenyl, 4'-phenyl-	306	C24H18	001165-53-3	22





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	2.92	1869.6	ng/ul	210413000	1	7.94	2250950	20.0
Benzaldehyde dime...	9.40	21.3	ng/ul	2486880	2	10.74	2337640	20.0
Naphthalene, 1-me...	12.62	24.2	ng/ul	2824430	2	10.74	2337640	20.0
unknown-02	21.91	16.8	ng/ul	5113760	5	21.49	6084090	20.0