LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007940.D
Acq On : 17 Nov 2016 15:35
Operator : UM/SJ
Sample : H5622-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WK2

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-BM102016.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	2.822	34	40	71	rVB4	45183626	116034890	100.00%	42.115%
2	6.904	726	734	748	rBV	902096	1555488	1.34%	0.565%
3	7.263	788	795	797	rBV	984741	1482266	1.28%	0.538%
4	7.293	797	800	812	rVB	1180606	1889411	1.63%	0.686%
5	7.728	867	874	888	rVB	718862	1177713	1.01%	0.427%
6	8.251	954	963	969	rBV	945348	2340824	2.02%	0.850%
7	8.434	987	994	1007	rBV	1070413	1771449	1.53%	0.643%
8	8.545	1007	1013	1027	rVB	1426179	2320191	2.00%	0.842%
9	8.881	1064	1070	1074	rBV	837879	1498406	1.29%	0.544%
10	8.928	1074	1078	1091	rVB	1528449	2500807	2.16%	0.908%
11	9.181	1113	1121	1132	rBV	2154085	3329087	2.87%	1.208%
12	9.628	1194	1197	1217	rVB	1059384	1919357	1.65%	0.697%
13	10.134	1276	1283	1285	rBV	1060175	1763157	1.52%	0.640%
14	10.504	1340	1346	1350	rBV	886865	1492210	1.29%	0.542%
15	10.551	1350	1354	1366	rVB	753442	1270455	1.09%	0.461%
16	11.804	1559	1567	1581	rBV	1612120	2791076	2.41%	1.013%
17	12.039	1599	1607	1624	rBV	2704263	4744552	4.09%	1.722%
18	12.386	1655	1666	1679	rBV	2606072	4202340	3.62%	1.525%
19	12.539	1685	1692	1704	rVB	999909	1557405	1.34%	0.565%
20	12.786	1728	1734	1742	rBV	1222473	1955966	1.69%	0.710%
21	13.186	1796	1802	1812	rBV	2692597	4009463	3.46%	1.455%
22	13.451	1840	1847	1859	rBV	1554742	2439777	2.10%	0.886%
23	13.775	1895	1902	1910	rBV	1779880	2537955	2.19%	0.921%
24	13.951	1926	1932	1942	rVV	1394215	2034043	1.75%	0.738%
25	14.057	1942	1950	1951	rVV	2040588	2910112	2.51%	1.056%
26	14.080	1951	1954	1965	rVB	3224146	4778121	4.12%	1.734%
27	14.363	1995	2002	2008	rBV	1289973	1899362	1.64%	0.689%
28	14.598	2033	2042	2061	rBV3	1593192	3485507	3.00%	1.265%
29	14.751	2061	2068	2077	rVB2	2212111	4353927	3.75%	1.580%
30	15.192	2136	2143	2150	rBV	3108249	3934511	3.39%	1.428%
31	15.357	2164	2171	2176	rBV	2722396	3812116	3.29%	1.384%
32	15.627	2207	2217	2226	rVB	3967459	5525592	4.76%	2.006%
33	16.416	2342	2351	2363	rVB2	2430379	4239904	3.65%	1.539%
34	16.763	2404	2410	2426	rBV	1608381	2508812	2.16%	0.911%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5622-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WK2

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-BM102016.M
Title : SVOA CALIBRATION

35	17.110	2463	2469	2472	rBV	1516664	2160795	1.86%	0.784%
36	17.151	2472	2476	2481	rVV	2859654	4023319	3.47%	1.460%
37	17.210	2481	2486	2495	rVB	2903605	4094611	3.53%	1.486%
38	18.074	2627	2633	2644	rBV	3302790	4006197	3.45%	1.454%
39	19.509	2870	2877	2879	rBV	3395478	4814694	4.15%	1.748%
40	19.533	2879	2881	2892	rVB	1733289	2276108	1.96%	0.826%
41	21.286	3173	3179	3188	rBV2	5430480	9231292	7.96%	3.351%
42	21.715	3247	3252	3258	rBV	5679873	6756864	5.82%	2.452%
43	22.086	3310	3315	3321	rBV	2856424	3518475	3.03%	1.277%
44	22.874	3443	3449	3458	rVB	3184632	5377838	4.63%	1.952%
45	23.403	3532	3539	3543	rBV2	2817368	5347514	4.61%	1.941%
46	23.450	3543	3547	3556	rVV	1730848	3180844	2.74%	1.155%
47	23.544	3557	3563	3571	rVB	1469912	2789203	2.40%	1.012%
48	25.815	3939	3949	3964	rVB	2899097	7987493	6.88%	2.899%
49	26.497	4056	4065	4078	rVB2	1223411	3885411	3.35%	1.410%

Sum of corrected areas: 275516910

LSC Report - Integrated Chromatogram

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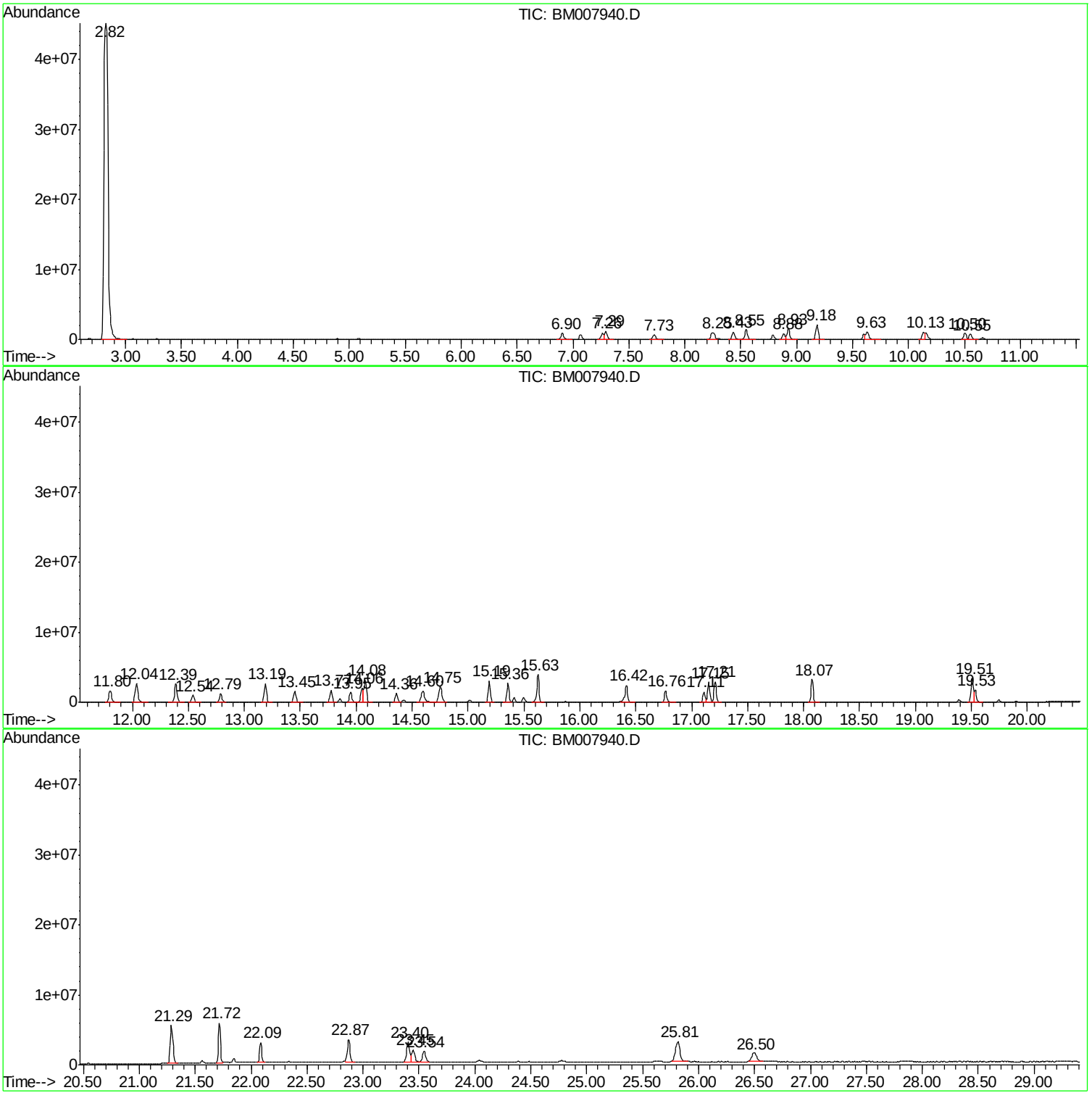
Operator : UM/SJ
Sample : H5622-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WK2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.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\BM111716\
Data File : BM007940.D
Acq On : 17 Nov 2016 15:35
Operator : UM/SJ
Sample : H5622-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WK2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

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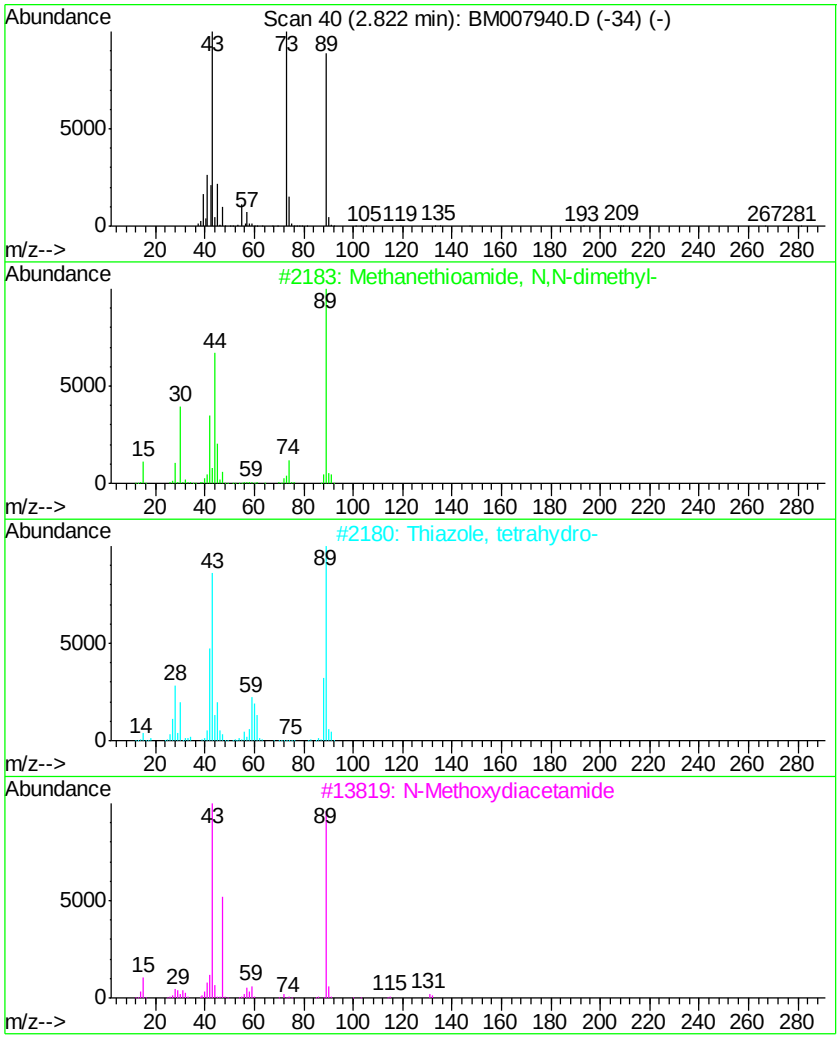
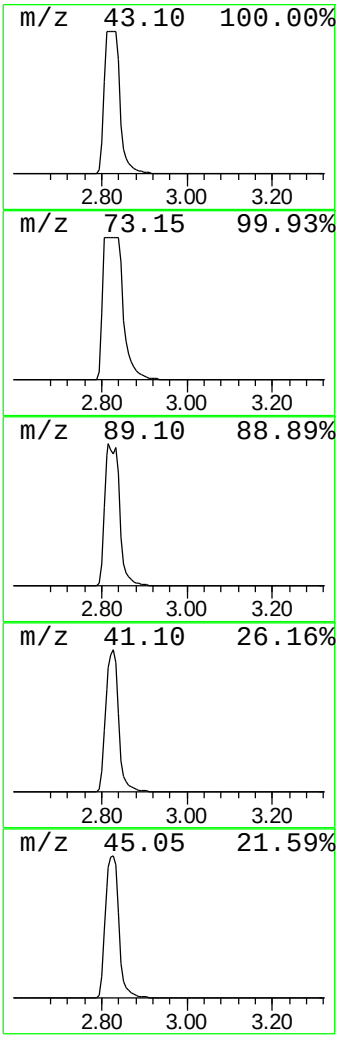
Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	1970.51 ng/ul	116035000	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	40
2	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	40
3	N-Methoxydiacetamide	131	C5H9NO3	128459-09-6	39
4	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
5	Malic Acid	134	C4H6O5	006915-15-7	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007940.D
Acq On : 17 Nov 2016 15:35
Operator : UM/SJ
Sample : H5622-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WK2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

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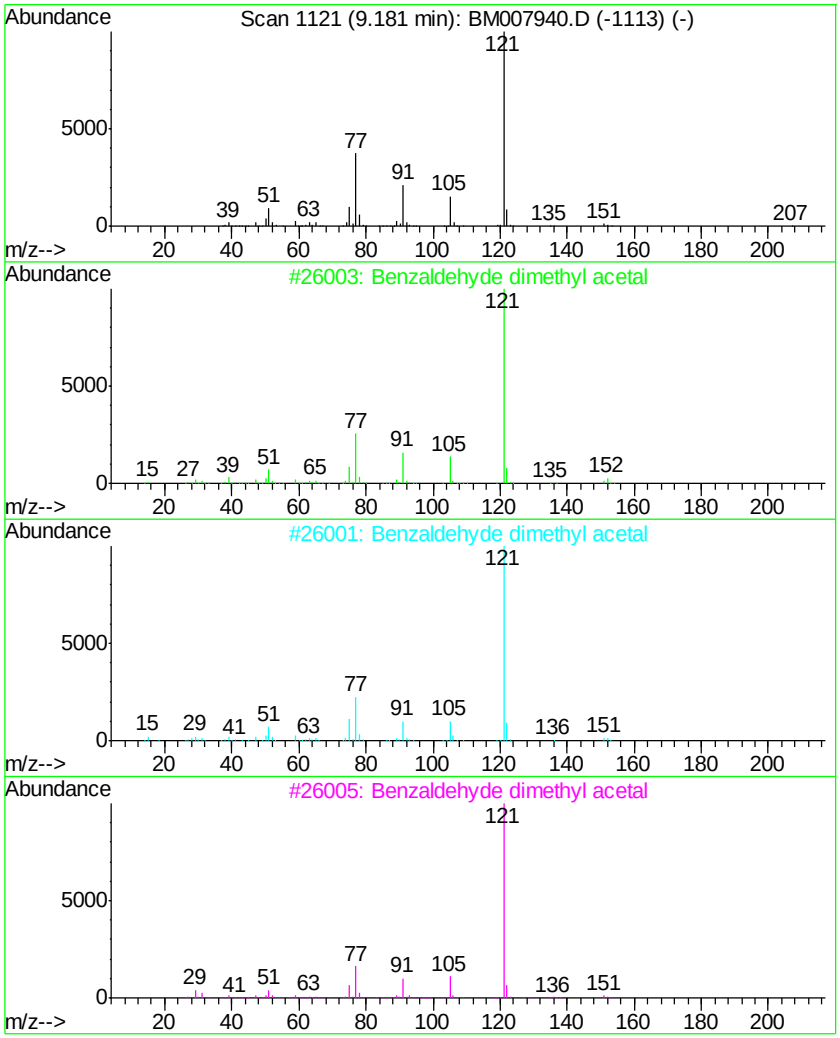
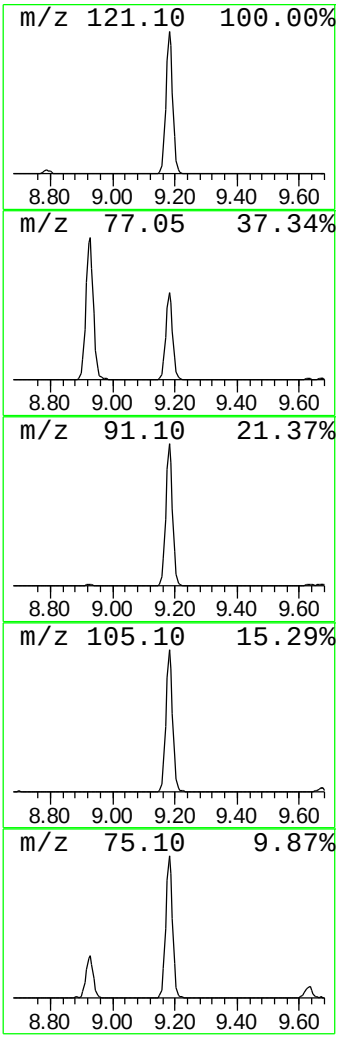
Peak Number 2 Benzaldehyde dimethyl acetal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	44.62 ng/ul	3329090	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
2	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	87
3	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	80
4	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	72
5	3-Methoxy-3-phenylpropyl chloride	184	C10H13ClO	1000370-35-5	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007940.D
Acq On : 17 Nov 2016 15:35
Operator : UM/SJ
Sample : H5622-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WK2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

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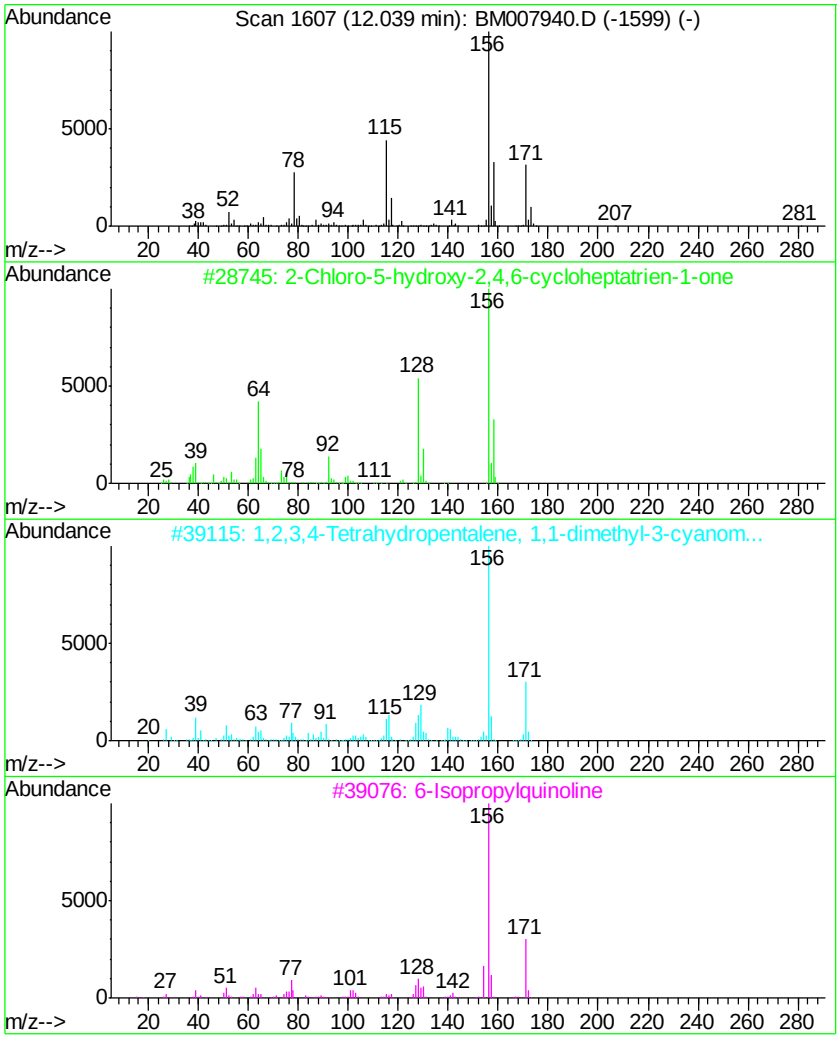
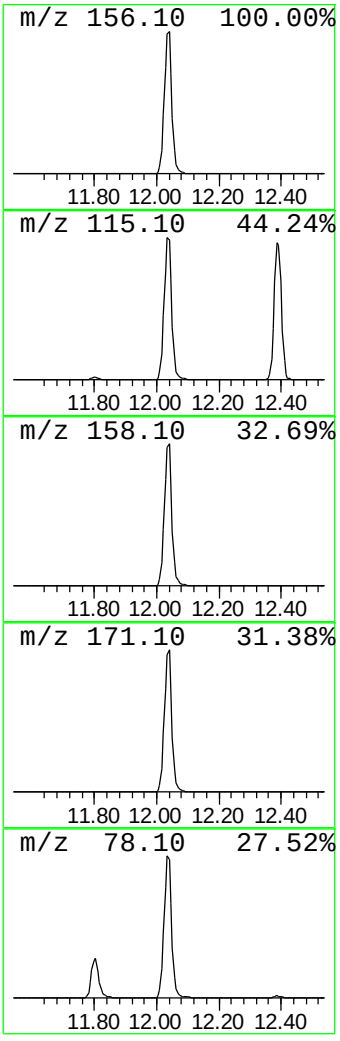
Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	63.59 ng/ul	4744550	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
3	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
4	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28
5	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	25





Library Search Compound Report

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Sample : H5622-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WK2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

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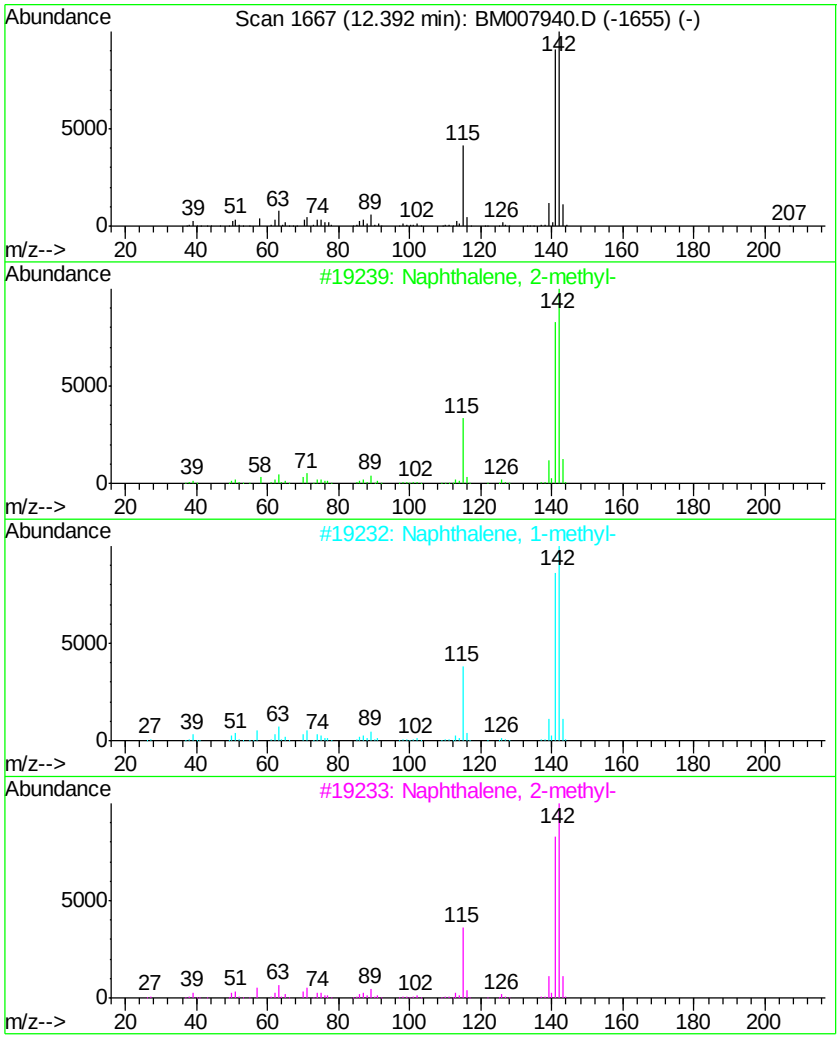
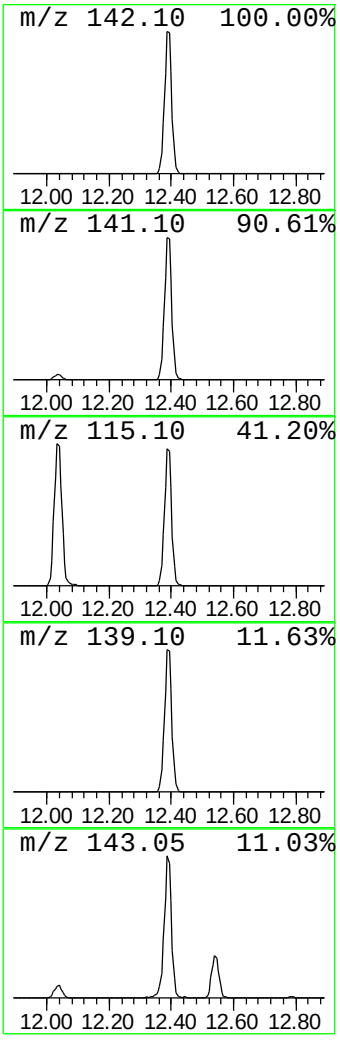
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	56.32 ng/ul	4202340	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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Operator : UM/SJ
Sample : H5622-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WK2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

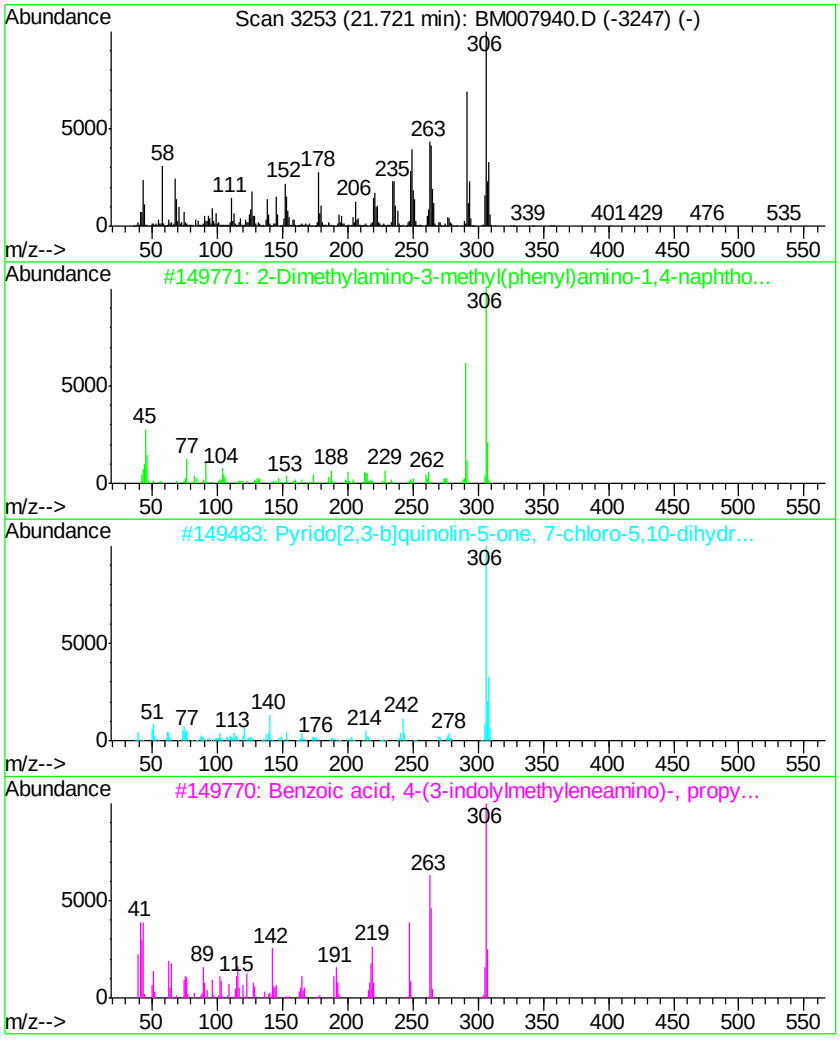
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

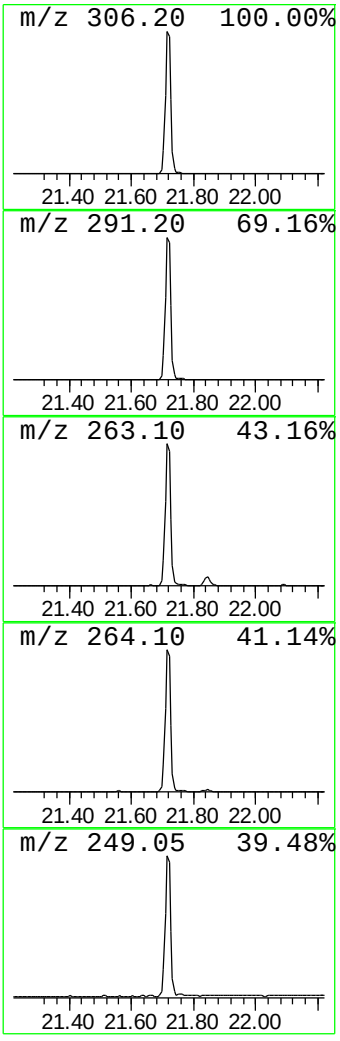
****

Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	14.64 ng/ul	6756860	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dimethylamino-3-methyl(phenyl)...	306	C19H18N2O2	134614-10-1	38
2	Pyrido[2,3-b]quinolin-5-one, 7-c...	306	C18H11ClN2O	069750-07-8	38
3	Benzoic acid, 4-(3-indolylmethyl...	306	C19H18N2O2	304669-02-1	32
4	Phenothiaphosphine, 2,8,10-trime...	306	C15H15O3PS	024059-97-0	27
5	Acetamide, 2-[(4,5-dihydro-6-met...	306	C13H14N4O3S	1000317-32-8	25





Tentatively Identified Compound (LSC) summary

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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
unknown-01	2.82	1970.5	ng/ul	116035000	1	7.73	1177710	20.0
Benzaldehyde dime...	9.18	44.6	ng/ul	3329090	2	10.50	1492210	20.0
unknown-02	12.04	63.6	ng/ul	4744550	2	10.50	1492210	20.0
Naphthalene, 1-me...	12.39	56.3	ng/ul	4202340	2	10.50	1492210	20.0
unknown-03	21.72	14.6	ng/ul	6756860	5	21.30	9231290	20.0