LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113016\
Data File : BM008111.D
Acq On : 30 Nov 2016 10:24
Operator : UM/SJ
Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

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-BM112916.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	2.805	30	37	66	rVB3	45688599	107521316	100.00%	48.565%
2	6.881	722	730	743	rBV	730566	1300576	1.21%	0.587%
3	7.234	782	790	793	rBV	790984	1327795	1.23%	0.600%
4	7.269	793	796	806	rVB	893058	1368279	1.27%	0.618%
5	8.222	950	958	965	rBV	751011	1851493	1.72%	0.836%
6	8.410	983	990	1001	rBV	887262	1477539	1.37%	0.667%
7	8.522	1002	1009	1018	rBV	1133433	1813903	1.69%	0.819%
8	8.857	1059	1066	1069	rBV	709801	1181070	1.10%	0.533%
9	8.899	1069	1073	1084	rVB	1211221	2011714	1.87%	0.909%
10	9.152	1109	1116	1127	rBV	1726217	2675549	2.49%	1.208%
11	9.604	1190	1193	1211	rVB	853140	1447469	1.35%	0.654%
12	10.110	1272	1279	1298	rBV2	856720	2587399	2.41%	1.169%
13	10.475	1335	1341	1345	rBV	678648	1104034	1.03%	0.499%
14	11.775	1555	1562	1579	rBV	1183580	2122731	1.97%	0.959%
15	12.010	1594	1602	1620	rBV	1081680	1849466	1.72%	0.835%
16	12.363	1651	1662	1675	rBV	2085598	3250606	3.02%	1.468%
17	12.516	1681	1688	1695	rBV	785246	1192890	1.11%	0.539%
18	12.763	1724	1730	1738	rBV	902015	1512748	1.41%	0.683%
19	13.163	1791	1798	1808	rBV	2093569	3056215	2.84%	1.380%
20	13.428	1836	1843	1855	rBV	1081868	1735877	1.61%	0.784%
21	13.751	1891	1898	1906	rBV	1411599	2005252	1.86%	0.906%
22	13.928	1922	1928	1939	rVV	976883	1500735	1.40%	0.678%
23	14.028	1939	1945	1947	rVV	1658553	2428823	2.26%	1.097%
24	14.057	1947	1950	1961	rVB	2474871	3580830	3.33%	1.617%
25	14.334	1990	1997	2003	rBV	944442	1407266	1.31%	0.636%
26	14.581	2028	2039	2058	rBV3	1031347	2493260	2.32%	1.126%
27	14.734	2058	2065	2074	rVB2	1952157	3176415	2.95%	1.435%
28	15.169	2132	2139	2146	rBV	2256468	2867549	2.67%	1.295%
29	15.334	2160	2167	2172	rBV	2078664	2955446	2.75%	1.335%
30	15.604	2203	2213	2229	rVB	2893699	4059924	3.78%	1.834%
31	16.398	2334	2348	2357	rVB2	1730985	3166146	2.94%	1.430%
32	16.745	2401	2407	2425	rBV	1215476	1787562	1.66%	0.807%
33	17.086	2459	2465	2469	rBV	1056734	1602922	1.49%	0.724%
34	17.128	2469	2472	2477	rVV	1957003	2758585	2.57%	1.246%

LSC Area Percent Report

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Data File : BM008111.D
Acq On : 30 Nov 2016 10:24
Operator : UM/SJ
Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

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-BM112916.M
Title : SVOA CALIBRATION

35	17.186	2477	2482	2492	rVB2	2180593	3039909	2.83%	1.373%
36	18.057	2624	2630	2636	rBV	2213121	2797002	2.60%	1.263%
37	19.486	2867	2873	2876	rBV	2444059	3565132	3.32%	1.610%
38	19.516	2876	2878	2891	rVB	1272928	1491766	1.39%	0.674%
39	21.268	3170	3176	3187	rBV2	3584287	6277681	5.84%	2.835%
40	21.698	3244	3249	3255	rBV	4099742	4752773	4.42%	2.147%
41	22.062	3307	3311	3320	rVB	1908621	2426625	2.26%	1.096%
42	22.851	3439	3445	3454	rVB	2086685	3541143	3.29%	1.599%
43	23.380	3528	3535	3539	rBV2	1853781	3737412	3.48%	1.688%
44	23.421	3539	3542	3550	rVB	1175264	1996462	1.86%	0.902%
45	23.521	3553	3559	3568	rVB	938869	1829154	1.70%	0.826%
46	25.780	3934	3943	3955	rVB	1860210	5201500	4.84%	2.349%
47	26.462	4050	4059	4073	rVB	852679	2561410	2.38%	1.157%

Sum of corrected areas: 221397353

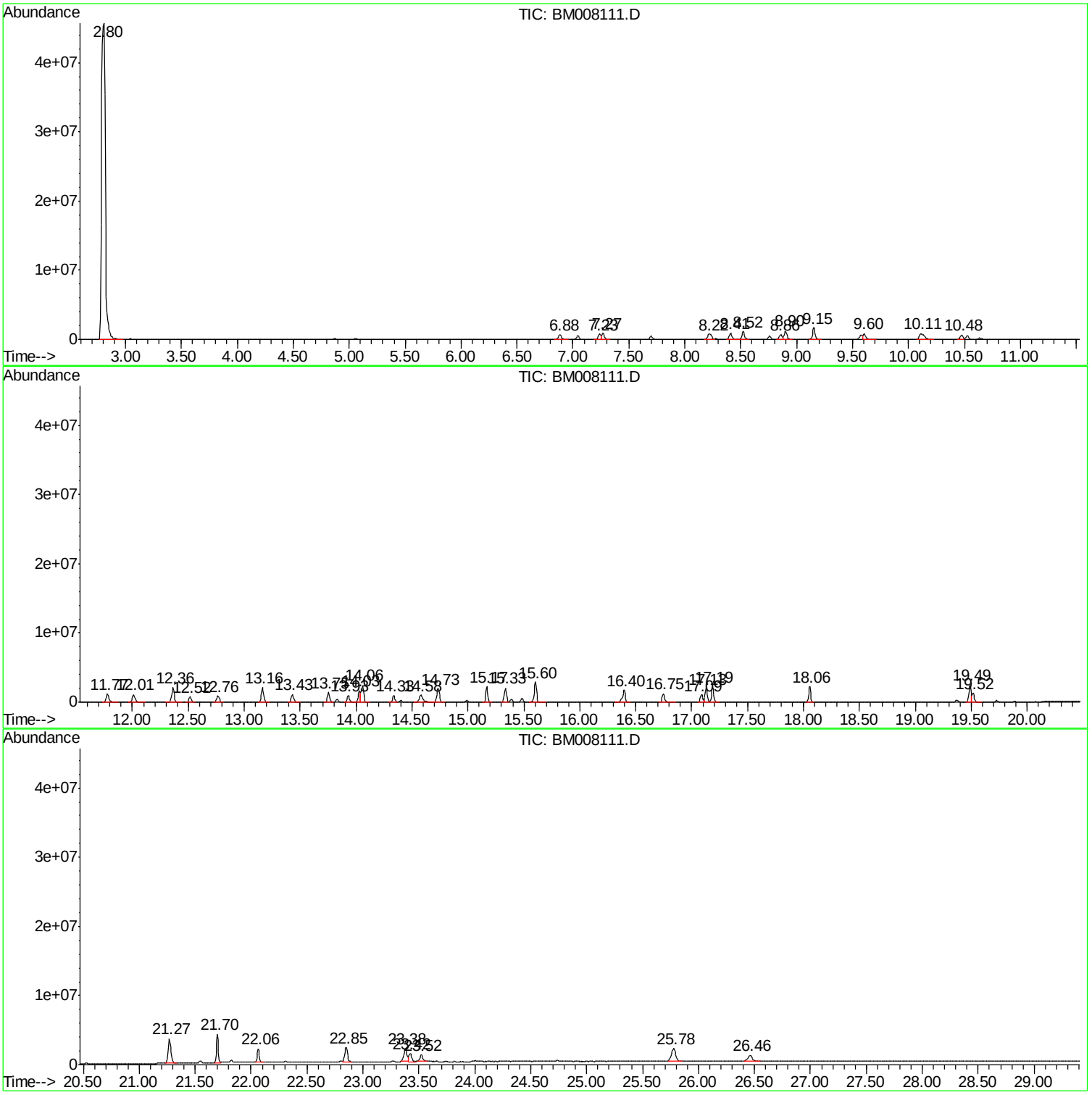
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113016\
Data File : BM008111.D
Acq On : 30 Nov 2016 10:24
Operator : UM/SJ
Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.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\BM113016\
Data File : BM008111.D
Acq On : 30 Nov 2016 10:24
Operator : UM/SJ
Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

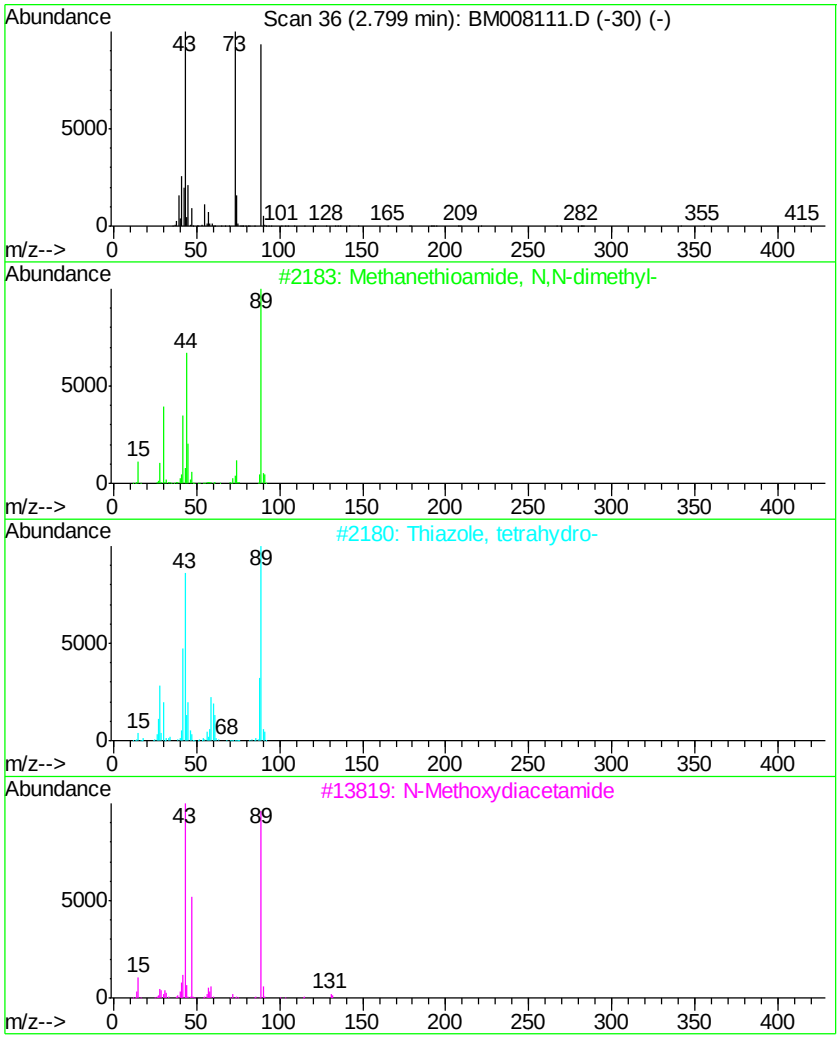
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

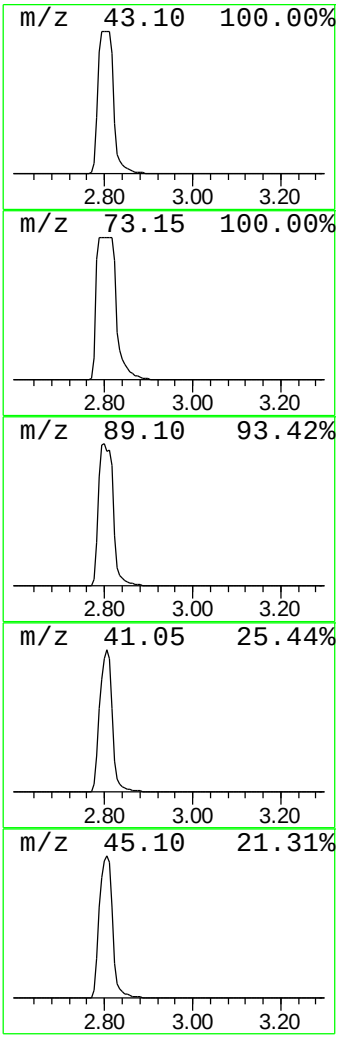
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	1571.63 ng/ul	107521000	1,4-Dichlorobenzene-d4	7.70

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\BM113016\
Data File : BM008111.D
Acq On : 30 Nov 2016 10:24
Operator : UM/SJ
Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

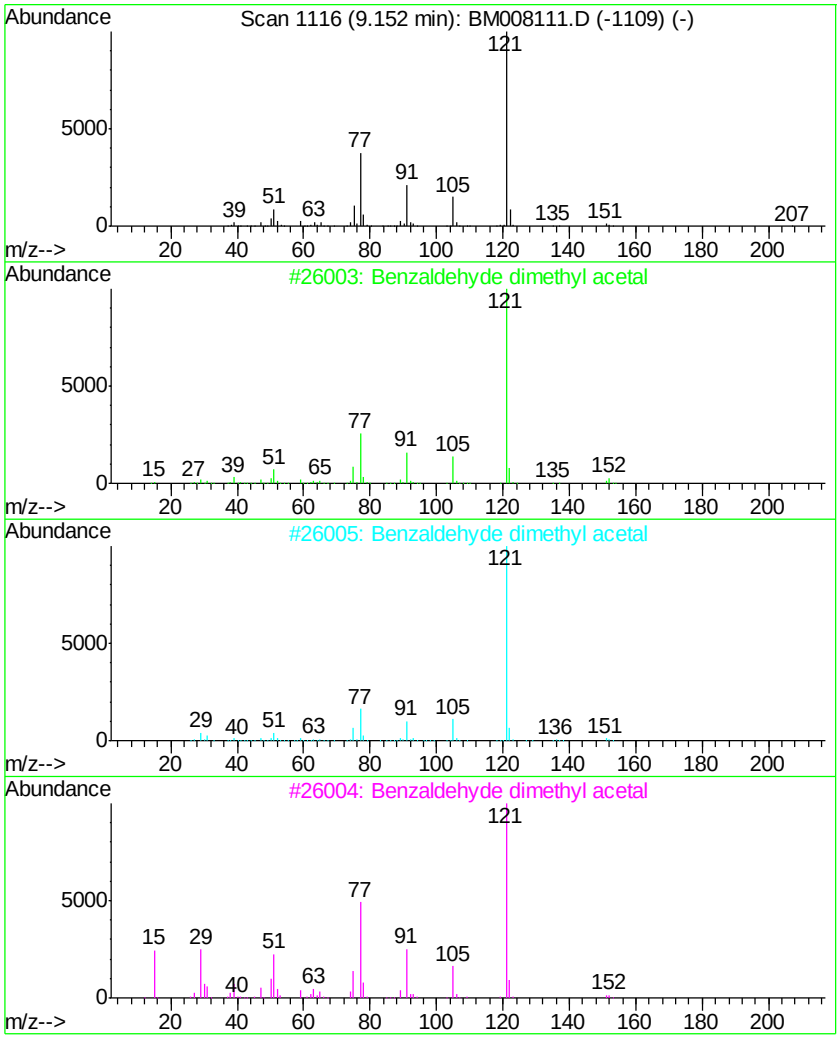
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

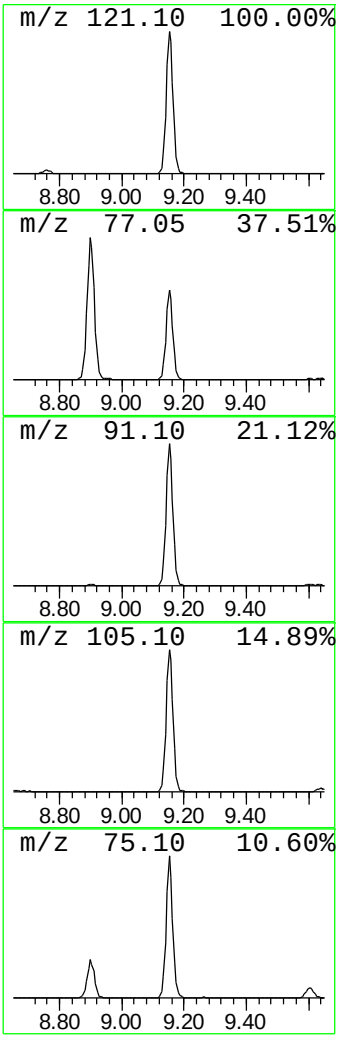
****

Peak Number 2 Benzaldehyde dimethyl acetal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	48.47 ng/ul	2675550	Naphthalene-d8	10.48

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	91
3	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
4	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	87
5	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113016\
Data File : BM008111.D
Acq On : 30 Nov 2016 10:24
Operator : UM/SJ
Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

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

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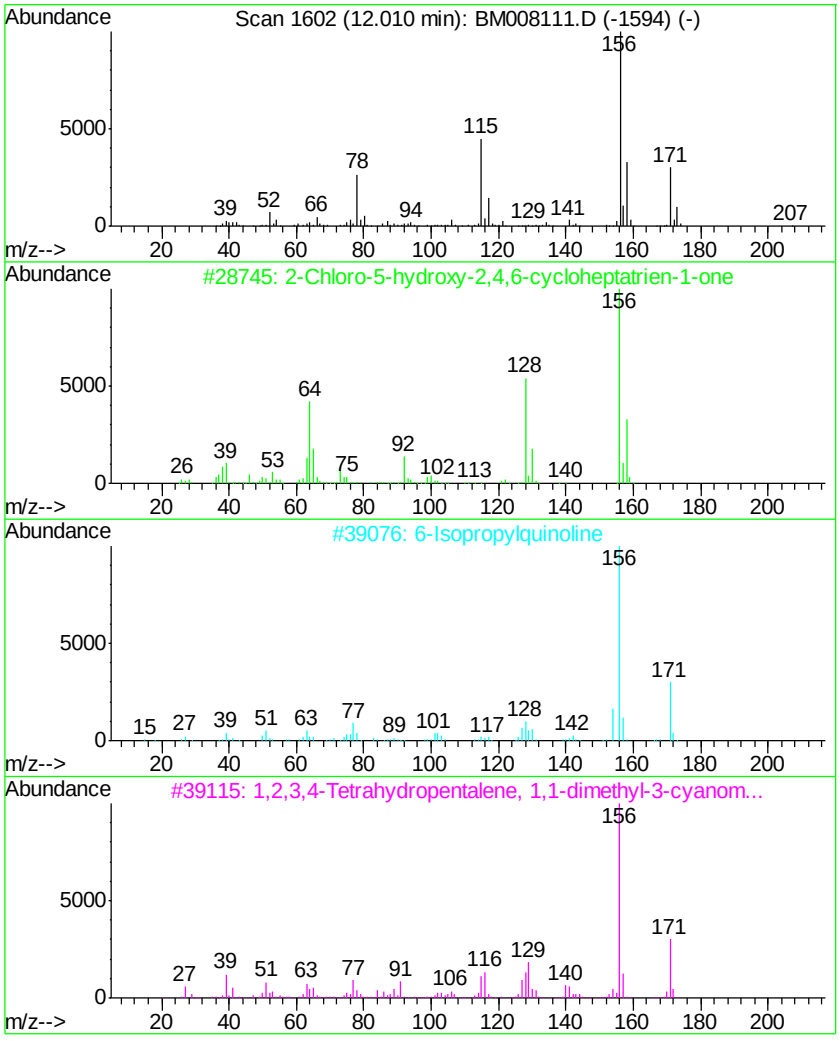
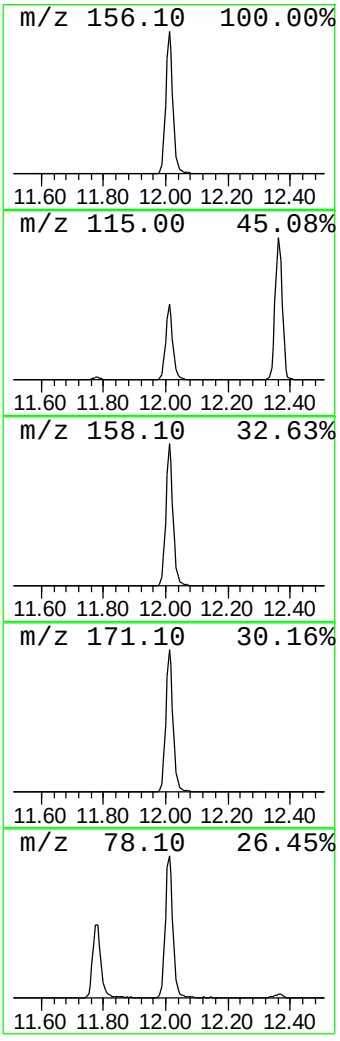
Peak Number 3 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	33.50 ng/ul	1849470	Naphthalene-d8	10.48

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	6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5	Chloroxylenol	156	C8H9ClO	000088-04-0	32





Library Search Compound Report

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Data File : BM008111.D
Acq On : 30 Nov 2016 10:24
Operator : UM/SJ
Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

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

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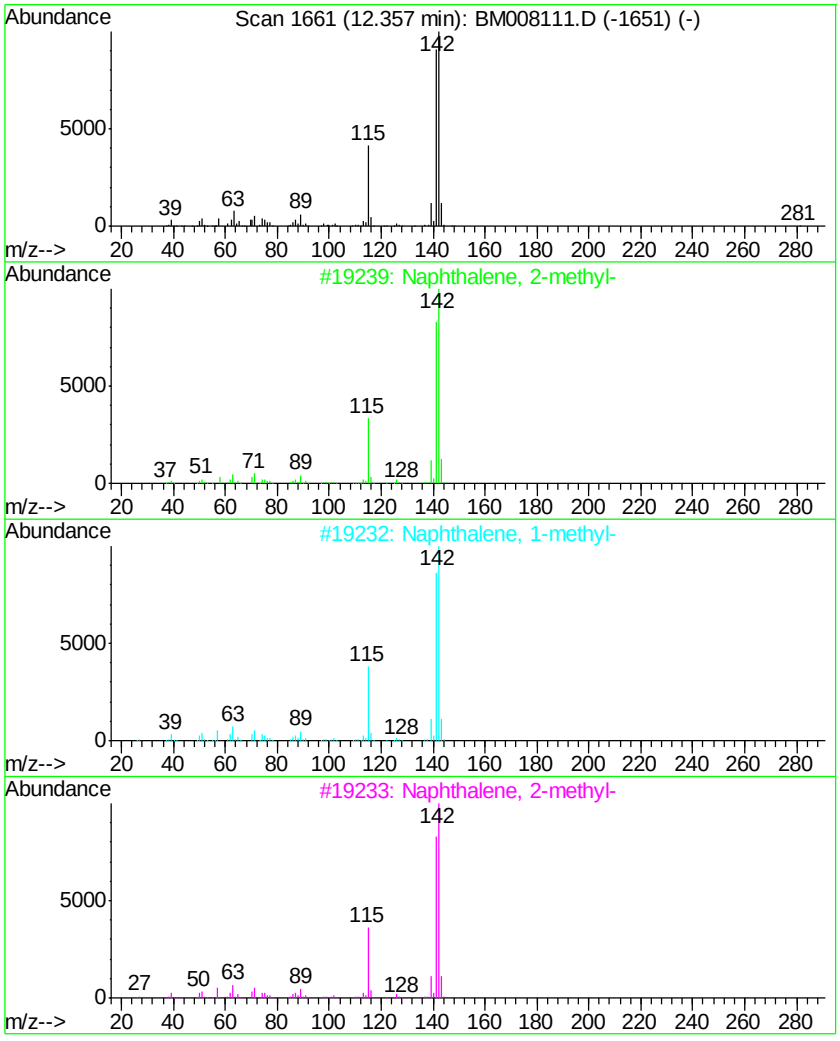
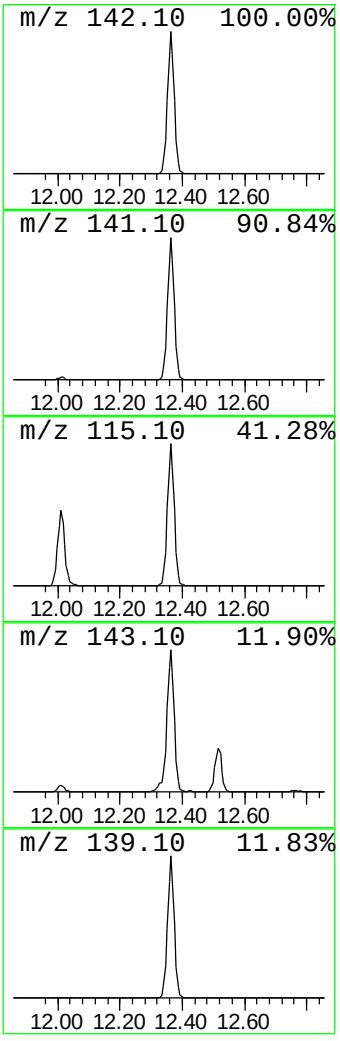
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	58.89 ng/ul	3250610	Naphthalene-d8	10.48

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	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Operator : UM/SJ
Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

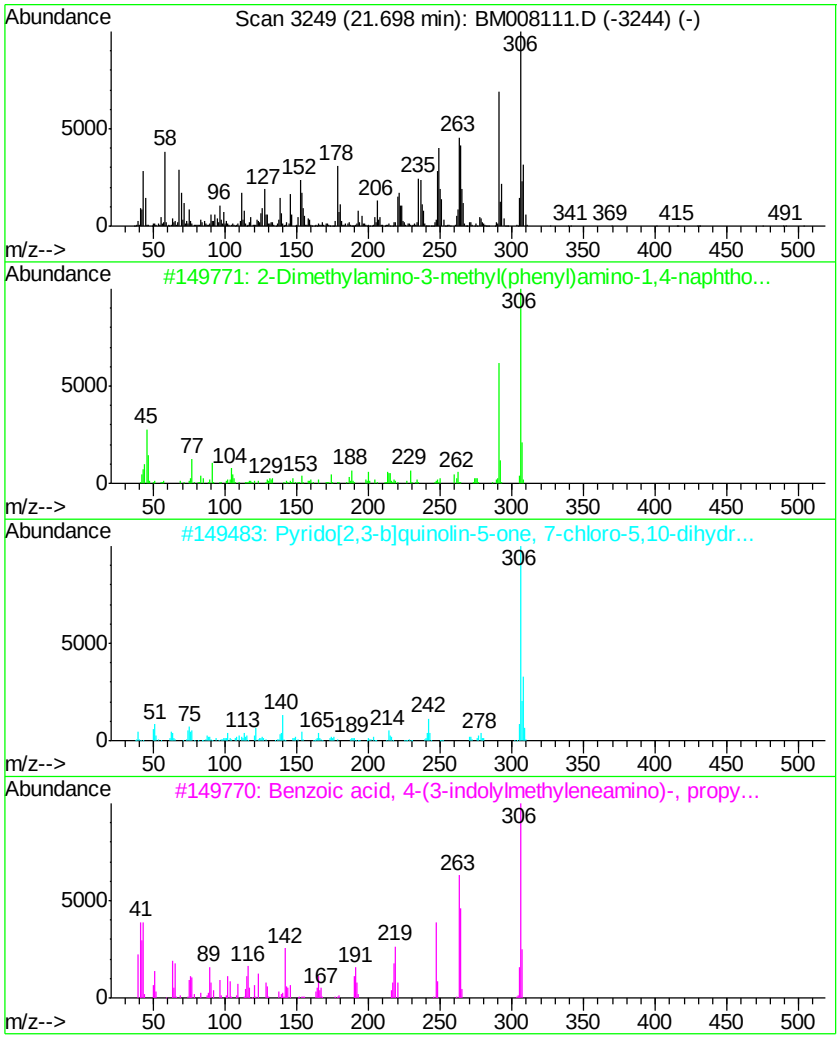
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

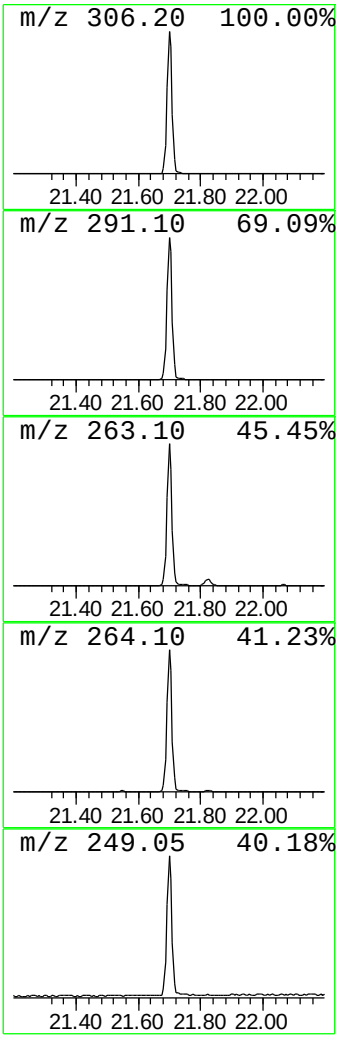
****

Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	15.14 ng/ul	4752770	Chrysene-d12	21.28

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	35
4	2-Ethylamino-3-methyl(phenyl)ami...	306	C19H18N2O2	134614-16-7	35
5	Phenothiaphosphine, 2,8,10-trime...	306	C15H15O3PS	024059-97-0	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM113016\
Data File : BM008111.D
Acq On : 30 Nov 2016 10:24
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Sample : H5699-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4WB3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.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
unknown-01	2.80	1571.6	ng/ul	107521000	1	7.70	1368280	20.0
Benzaldehyde dime...	9.15	48.5	ng/ul	2675550	2	10.48	1104030	20.0
unknown-02	12.01	33.5	ng/ul	1849470	2	10.48	1104030	20.0
Naphthalene, 1-me...	12.36	58.9	ng/ul	3250610	2	10.48	1104030	20.0
unknown-03	21.70	15.1	ng/ul	4752770	5	21.28	6277680	20.0