LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092016\
Data File : BM007492.D
Acq On : 20 Sep 2016 12:12
Operator : UM/SJ
Sample : H4830-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4VH6

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-BM082316.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	2.846	38	44	81	rVB3	43579164	115407755	100.00%	33.174%
2	6.957	732	743	756	rBV	946586	1657729	1.44%	0.477%
3	7.322	798	805	807	rBV	919843	1414062	1.23%	0.406%
4	7.351	807	810	820	rVB	1060204	1783936	1.55%	0.513%
5	8.316	964	974	980	rBV2	881416	2172934	1.88%	0.625%
6	8.492	997	1004	1016	rBV	1268829	2044387	1.77%	0.588%
7	8.604	1016	1023	1035	rVB	1528819	2449278	2.12%	0.704%
8	8.945	1074	1081	1084	rBV	882577	1564004	1.36%	0.450%
9	8.986	1084	1088	1101	rVB	1600722	2601897	2.25%	0.748%
10	9.245	1122	1132	1144	rBV	2161000	3335713	2.89%	0.959%
11	9.663	1196	1203	1205	rBV	810613	1464410	1.27%	0.421%
12	9.692	1205	1208	1214	rVB	1162023	1767896	1.53%	0.508%
13	10.192	1286	1293	1311	rBV2	1311063	3747458	3.25%	1.077%
14	10.569	1350	1357	1361	rBV	837605	1454054	1.26%	0.418%
15	10.622	1361	1366	1373	rVV	795082	1339638	1.16%	0.385%
16	11.863	1569	1577	1587	rBV	2197724	3722033	3.23%	1.070%
17	12.098	1610	1617	1626	rBV	1416625	2431823	2.11%	0.699%
18	12.457	1670	1678	1687	rVB	2909147	4817647	4.17%	1.385%
19	12.604	1696	1703	1710	rVB	1158400	1815449	1.57%	0.522%
20	12.845	1737	1744	1750	rBV	1706911	2601074	2.25%	0.748%
21	13.251	1805	1813	1821	rBV	3158709	4827649	4.18%	1.388%
22	13.504	1849	1856	1868	rBV	2273158	3592446	3.11%	1.033%
23	13.827	1905	1911	1919	rBV	2604379	3672705	3.18%	1.056%
24	14.004	1934	1941	1952	rVB	2000827	2905693	2.52%	0.835%
25	14.115	1952	1960	1962	rBV	2678519	4629551	4.01%	1.331%
26	14.139	1962	1964	1974	rVB	3964623	5363743	4.65%	1.542%
27	14.421	2003	2012	2017	rBV	1519476	2313759	2.00%	0.665%
28	14.651	2041	2051	2069	rBV3	2768460	5777422	5.01%	1.661%
29	14.798	2069	2076	2086	rVB2	2589243	6176083	5.35%	1.775%
30	15.245	2145	2152	2158	rBV	4163118	5589033	4.84%	1.607%
31	15.415	2174	2181	2186	rBV	3574503	5268824	4.57%	1.515%
32	15.468	2186	2190	2197	rVV	887254	1223470	1.06%	0.352%
33	15.539	2197	2202	2216	rVB	1316905	1905184	1.65%	0.548%
34	15.680	2216	2226	2236	rBV	5376006	7720778	6.69%	2.219%

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Misc :
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Instrument : BNA_M
ClientSampleId : A4VH6

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

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Title : SVOA CALIBRATION

35	16.439	2350	2355	2357	rBV	1006604	1414548	1.23%	0.407%
36	16.474	2357	2361	2370	rVB	3482933	4870915	4.22%	1.400%
37	16.815	2413	2419	2437	rBV	2871085	4200723	3.64%	1.207%
38	17.162	2470	2478	2482	rBV	2158891	3272450	2.84%	0.941%
39	17.203	2482	2485	2490	rVV	4049462	5678483	4.92%	1.632%
40	17.262	2490	2495	2502	rVB2	4339135	6132053	5.31%	1.763%
41	18.127	2636	2642	2650	rBV	4923472	6017009	5.21%	1.730%
42	19.556	2878	2885	2888	rBV	5787677	8550713	7.41%	2.458%
43	19.586	2888	2890	2897	rVB	2975605	3193926	2.77%	0.918%
44	21.333	3181	3187	3198	rVV2	8912776	15527127	13.45%	4.463%
45	21.768	3255	3261	3266	rBV	9953846	12649841	10.96%	3.636%
46	22.138	3318	3324	3330	rBV	4924612	6297809	5.46%	1.810%
47	22.932	3451	3459	3470	rVB	5584561	9589081	8.31%	2.756%
48	23.474	3543	3551	3555	rBV2	4611933	9473232	8.21%	2.723%
49	23.515	3555	3558	3567	rVV	3124835	5375414	4.66%	1.545%
50	23.615	3568	3575	3583	rVB	2438712	4760244	4.12%	1.368%
51	25.921	3955	3967	3981	rVB	4645557	13501558	11.70%	3.881%
52	26.609	4073	4084	4100	rVB	2101970	6824694	5.91%	1.962%

Sum of corrected areas: 347889337

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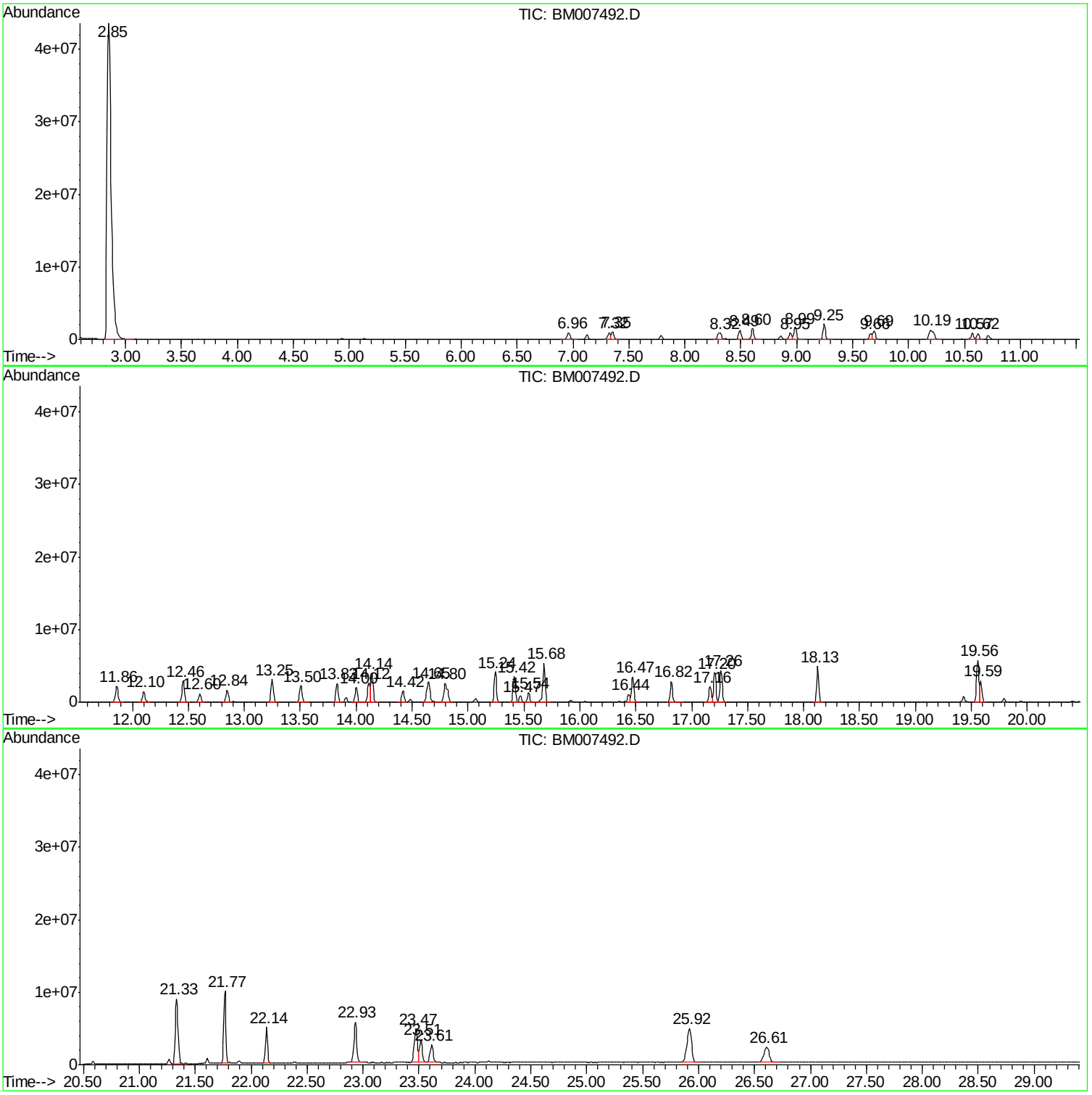
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4VH6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : A4VH6

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TIC Library : C:\DATABASE\NIST11.L
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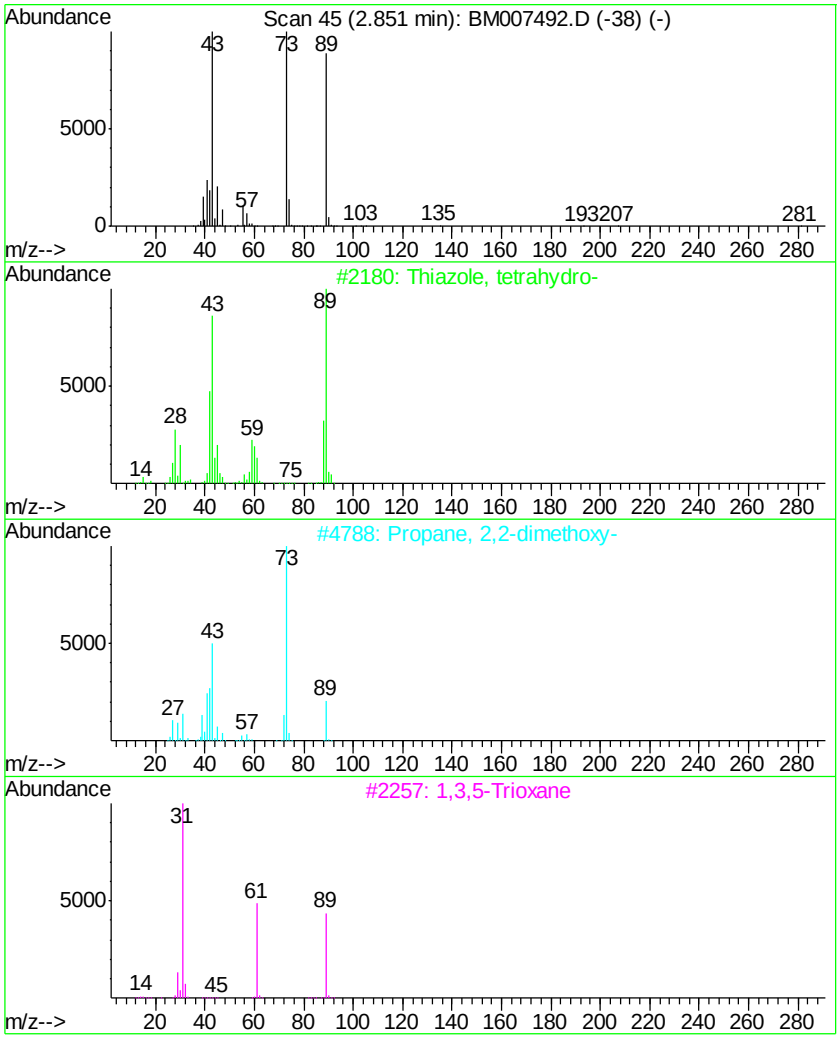
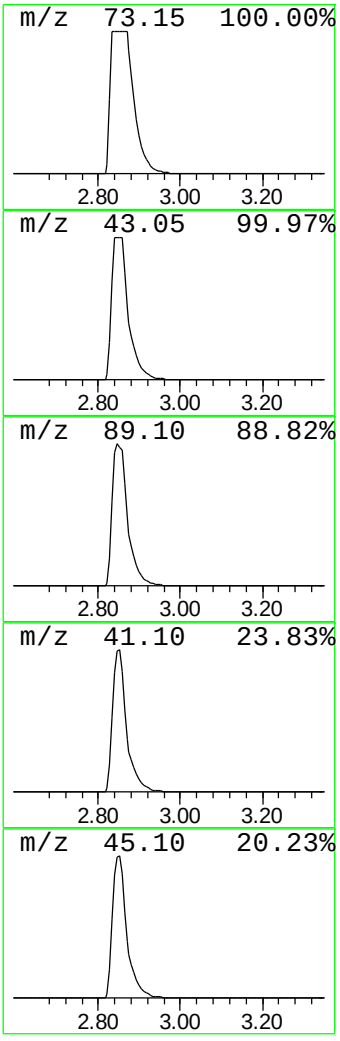
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	1293.86 ng/ul	115408000	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	40
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
3	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4
4	Thiopropionamide	89	C3H7NS	000631-58-3	4
5	1-Butanamine, N-methyl-N-nitro-	132	C5H12N2O2	052330-07-1	4





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Sample : H4830-08
Misc :
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Instrument : BNA_M
ClientSampleId : A4VH6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

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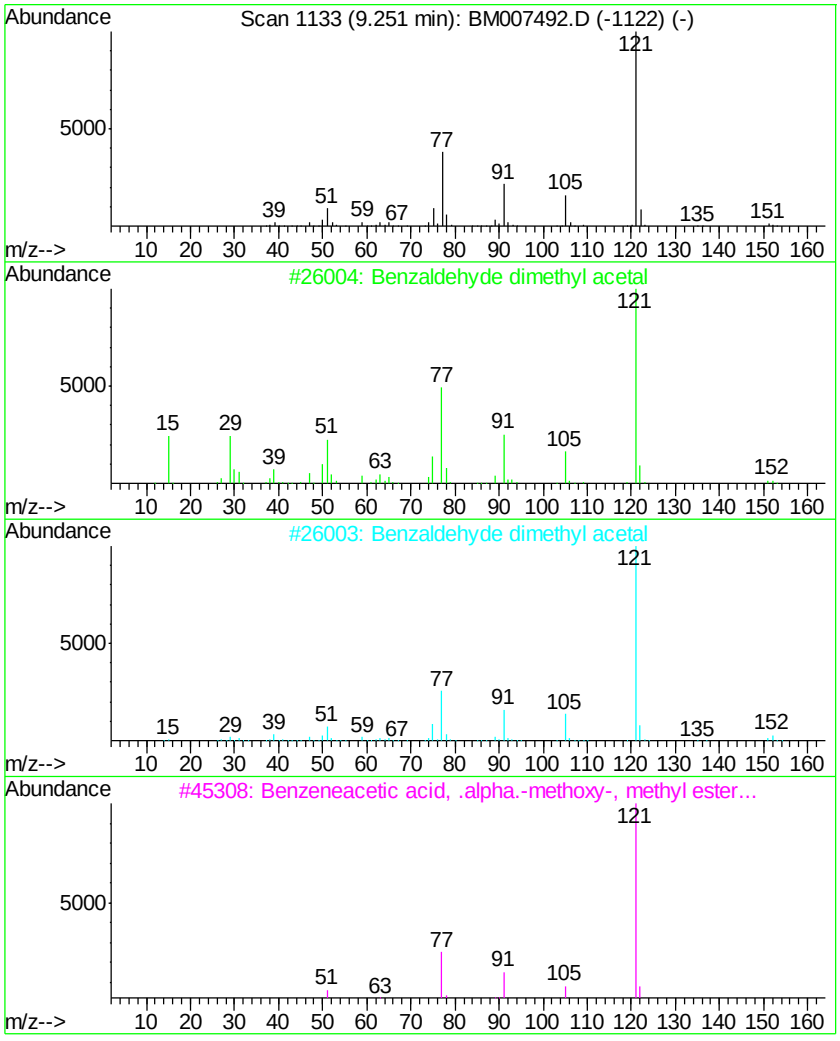
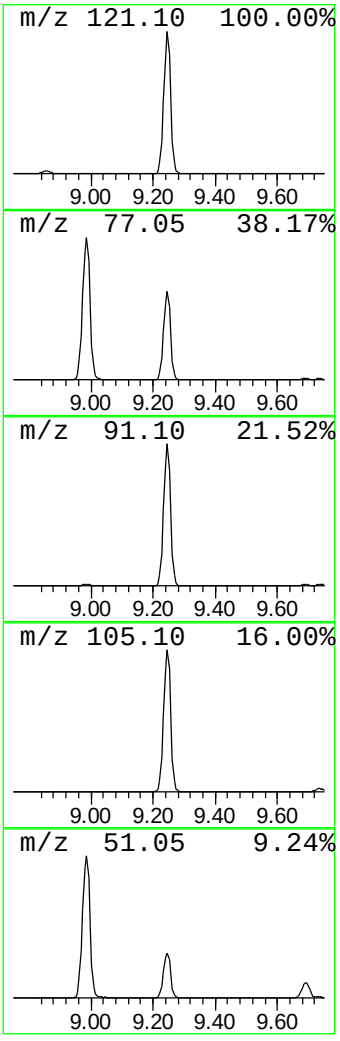
Peak Number 2 Benzaldehyde dimethyl acetal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	45.88 ng/ul	3335710	Naphthalene-d8	10.57

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	80
3	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	78
4	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	68
5	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	64





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Sample : H4830-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4VH6

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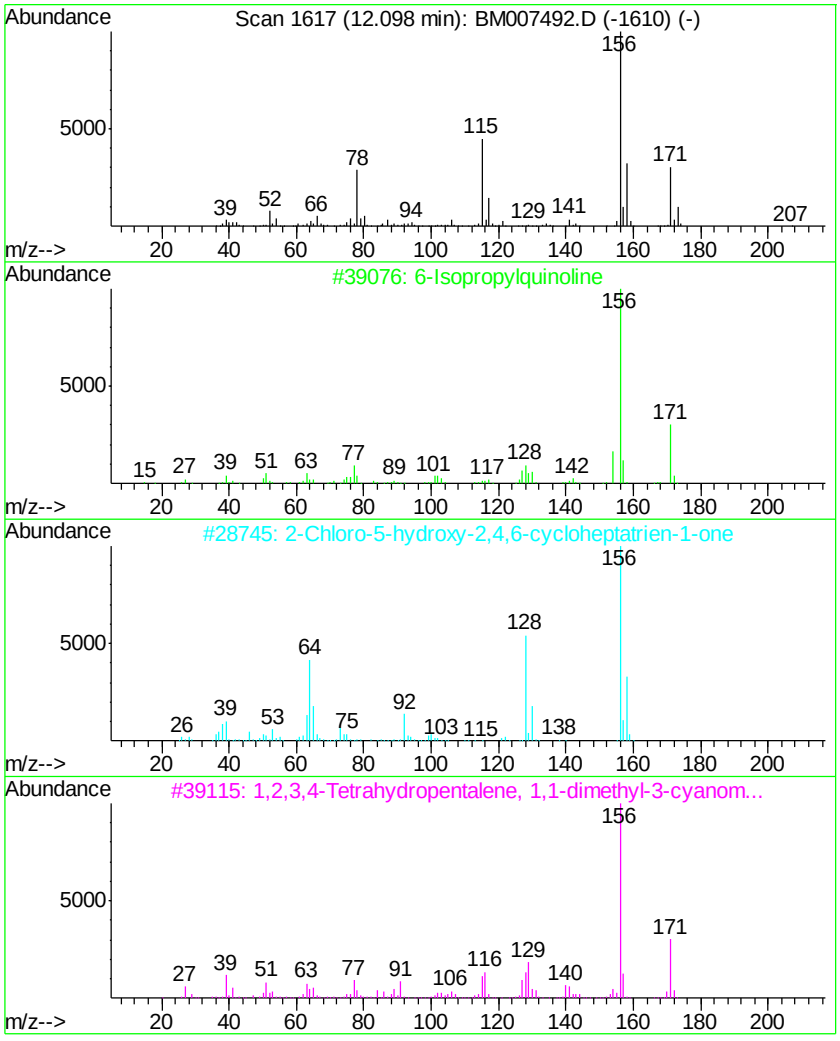
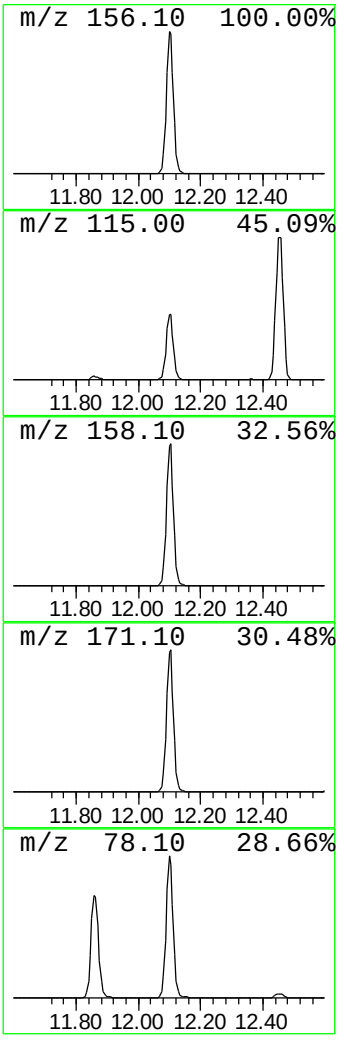
Peak Number 3 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	33.45 ng/ul	2431820	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	43
2	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
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





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Instrument : BNA_M
ClientSampleId : A4VH6

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Quant Title : SVOA CALIBRATION

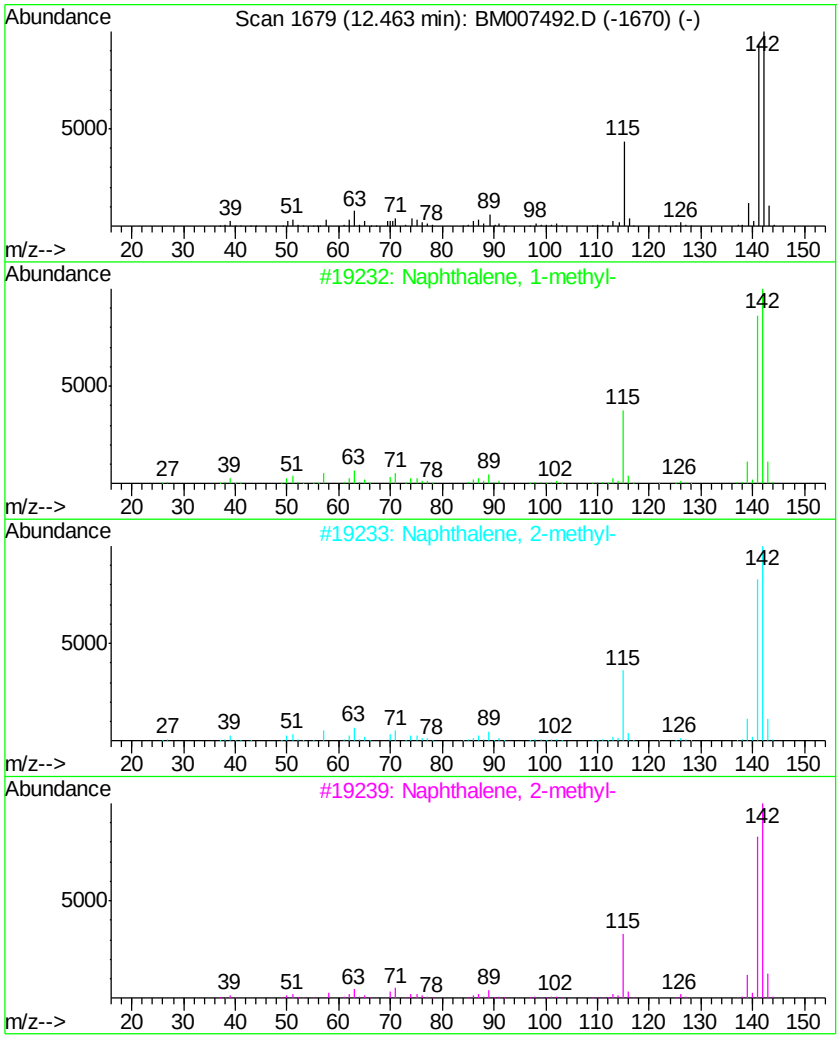
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

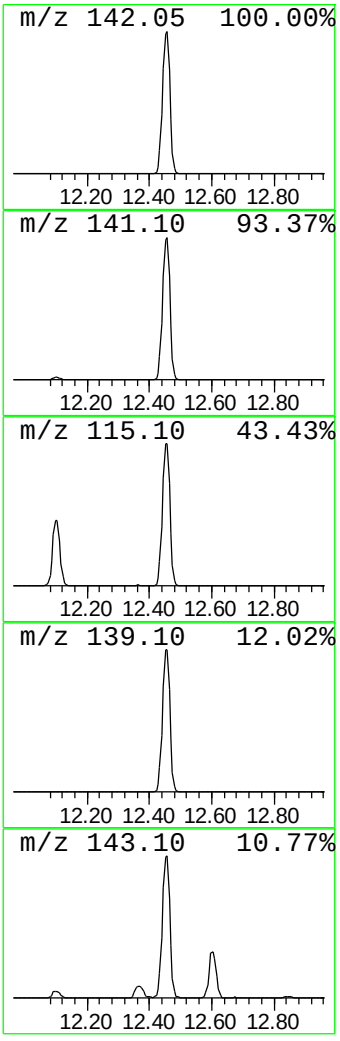
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	66.27 ng/ul	4817650	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
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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Quant Title : SVOA CALIBRATION

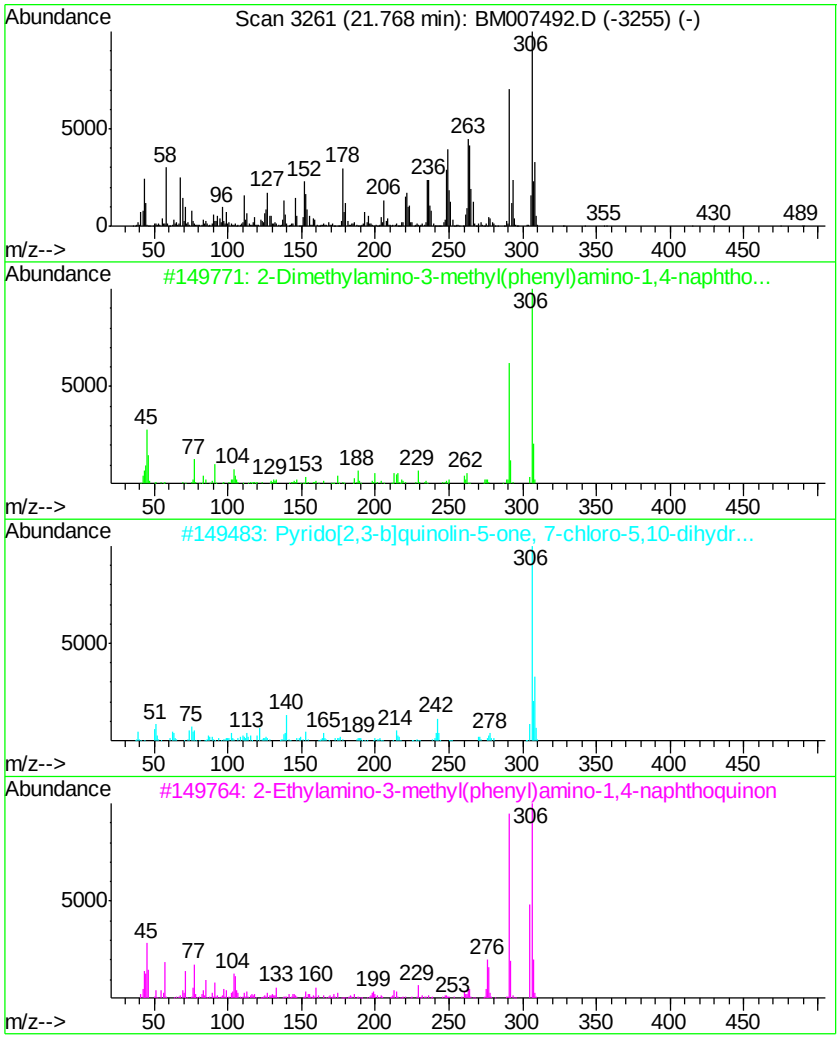
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

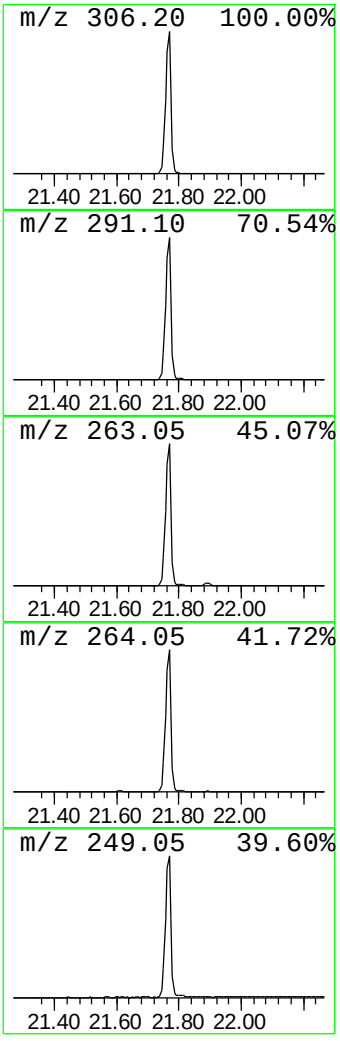
****

Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	16.29 ng/ul	12649800	Chrysene-d12	21.34

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	2-Ethylamino-3-methyl(phenyl)ami...	306	C19H18N2O2	134614-16-7	27
4	Acetamide, 2-[(4,5-dihydro-6-met...	306	C13H14N4O3S	1000317-32-8	25
5	19-Hydroxy-13-epimanoyl oxide	306	C20H34O2	077096-88-9	22





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	2.85	1293.9	ng/ul	115408000	1	7.79	1783940	20.0
Benzaldehyde dime...	9.25	45.9	ng/ul	3335710	2	10.57	1454050	20.0
unknown-02	12.10	33.5	ng/ul	2431820	2	10.57	1454050	20.0
Naphthalene, 1-me...	12.46	66.3	ng/ul	4817650	2	10.57	1454050	20.0
unknown-03	21.77	16.3	ng/ul	12649800	5	21.34	15527100	20.0