LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071116\
Data File : BM006398.D
Acq On : 11 Jul 2016 16:24
Operator : UM/SJ
Sample : H3914-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4TT2

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-BM070216.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	2.699	12	19	49	rVB2	29587097	68820806	100.00%	39.301%
2	6.810	707	718	734	rBV	736723	1281817	1.86%	0.732%
3	6.969	739	745	758	rBV	490457	783414	1.14%	0.447%
4	7.163	772	778	781	rBV	703673	1185579	1.72%	0.677%
5	7.198	781	784	791	rVB	721860	1076653	1.56%	0.615%
6	8.163	934	948	954	rBV3	668840	1703687	2.48%	0.973%
7	8.339	972	978	989	rBV	818013	1367428	1.99%	0.781%
8	8.445	989	996	1018	rVB	870829	1487315	2.16%	0.849%
9	8.786	1047	1054	1057	rVV	655674	1132171	1.65%	0.647%
10	8.828	1057	1061	1076	rVB	989418	1688259	2.45%	0.964%
11	9.092	1098	1106	1122	rBV	1220621	2006248	2.92%	1.146%
12	9.504	1169	1176	1178	rBV	587716	1016167	1.48%	0.580%
13	9.533	1178	1181	1187	rVB	740325	1123237	1.63%	0.641%
14	10.039	1260	1267	1291	rVB2	831042	2312821	3.36%	1.321%
15	10.410	1323	1330	1334	rBV	510427	881796	1.28%	0.504%
16	10.457	1334	1338	1348	rVB	444741	775502	1.13%	0.443%
17	10.551	1348	1354	1368	rVB	391913	759315	1.10%	0.434%
18	11.710	1544	1551	1570	rBV	1095665	1918211	2.79%	1.095%
19	12.304	1644	1652	1665	rBV	1472477	2454211	3.57%	1.402%
20	12.457	1671	1678	1689	rVB	568833	907362	1.32%	0.518%
21	12.704	1713	1720	1726	rBV	788318	1254908	1.82%	0.717%
22	13.110	1782	1789	1798	rBV	1489741	2389533	3.47%	1.365%
23	13.363	1825	1832	1845	rVB	1267576	2098532	3.05%	1.198%
24	13.698	1882	1889	1898	rBV	1322624	2028868	2.95%	1.159%
25	13.863	1911	1917	1927	rVB	966951	1470284	2.14%	0.840%
26	13.974	1927	1936	1938	rBV	1498165	2399287	3.49%	1.370%
27	14.004	1938	1941	1954	rVB	1776808	2660441	3.87%	1.519%
28	14.280	1979	1988	1994	rBV3	674911	1097919	1.60%	0.627%
29	14.515	2019	2028	2046	rBV3	1475750	3135962	4.56%	1.791%
30	14.662	2046	2053	2070	rVB2	1301661	3014409	4.38%	1.721%
31	15.115	2123	2130	2151	rBV	1796693	2573973	3.74%	1.470%
32	15.280	2151	2158	2163	rBV	1820276	2792347	4.06%	1.595%
33	15.409	2175	2180	2192	rBV	688400	990191	1.44%	0.565%
34	15.551	2199	2204	2212	rVB	2390523	3336707	4.85%	1.905%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Title : SVOA CALIBRATION

35	16.339	2335	2338	2351	rVB	1452264	2010484	2.92%	1.148%
36	16.686	2391	2397	2413	rBV	935109	1414334	2.06%	0.808%
37	17.033	2449	2456	2459	rBV	917208	1330275	1.93%	0.760%
38	17.074	2459	2463	2468	rVV	1709769	2508727	3.65%	1.433%
39	17.133	2468	2473	2481	rVB	2006430	3039964	4.42%	1.736%
40	18.003	2615	2621	2642	rBV	1967232	2716961	3.95%	1.552%
41	19.433	2857	2864	2867	rBV2	2448074	3748543	5.45%	2.141%
42	19.462	2867	2869	2878	rVB	1181841	1365290	1.98%	0.780%
43	21.215	3161	3167	3178	rVB2	3123542	5448605	7.92%	3.111%
44	21.650	3236	3241	3247	rBV	3456106	4269937	6.20%	2.438%
45	22.015	3298	3303	3312	rBV	1944255	2695455	3.92%	1.539%
46	22.774	3425	3432	3444	rBV	1926597	3440545	5.00%	1.965%
47	23.297	3513	3521	3525	rBV2	1986309	3915637	5.69%	2.236%
48	23.338	3525	3528	3538	rVV	1148917	2041570	2.97%	1.166%
49	23.438	3538	3545	3556	rVB	881575	1705928	2.48%	0.974%
50	25.662	3912	3923	3939	rVB	1725391	4935908	7.17%	2.819%
51	26.321	4024	4035	4048	rVB	843843	2598393	3.78%	1.484%

Sum of corrected areas: 175111916

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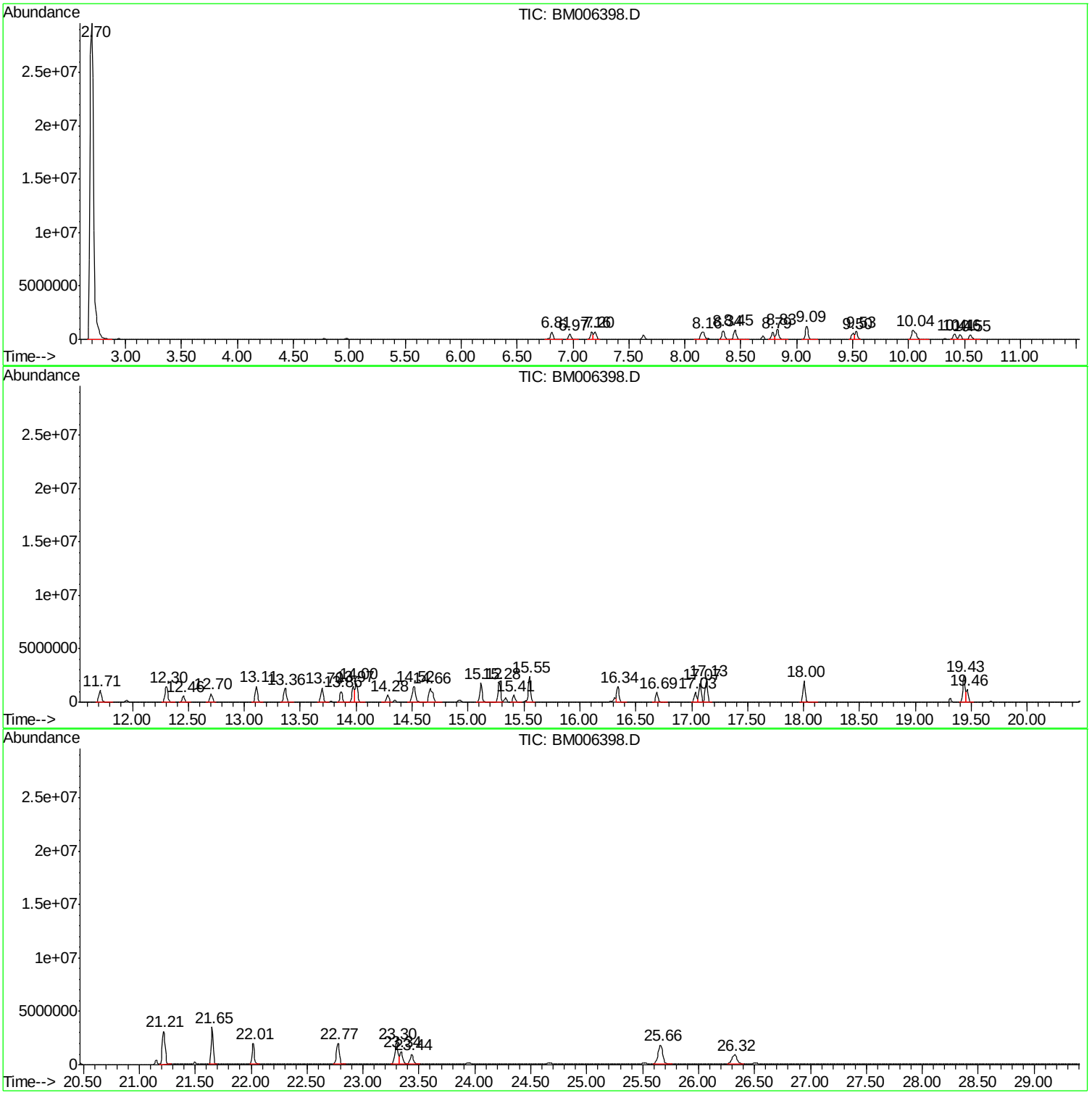
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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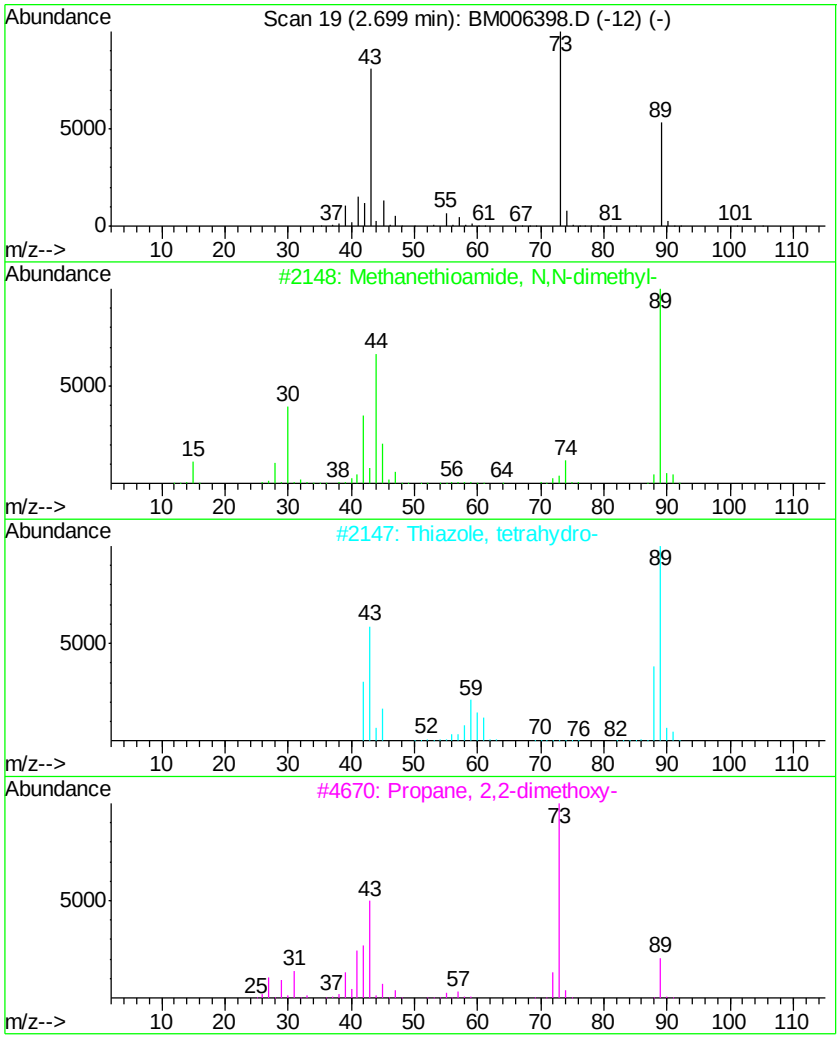
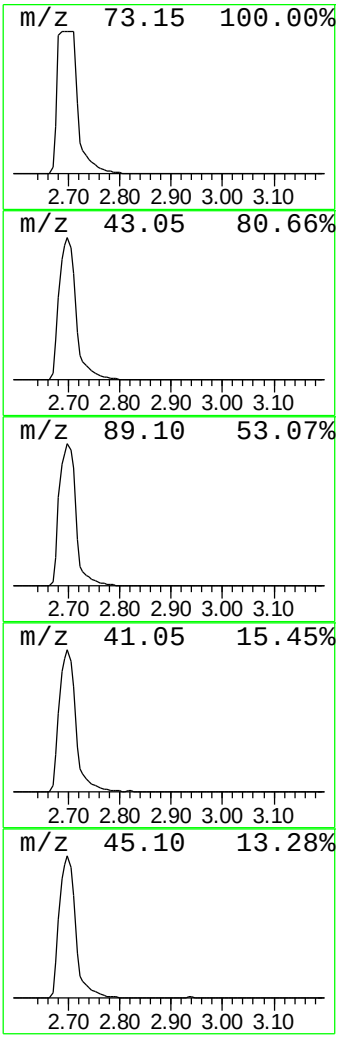
Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	1278.42 ng/ul	68820800	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	43
2	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	37
3	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
4	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	36
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32





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Instrument : BNA_M
ClientSampleId : A4TT2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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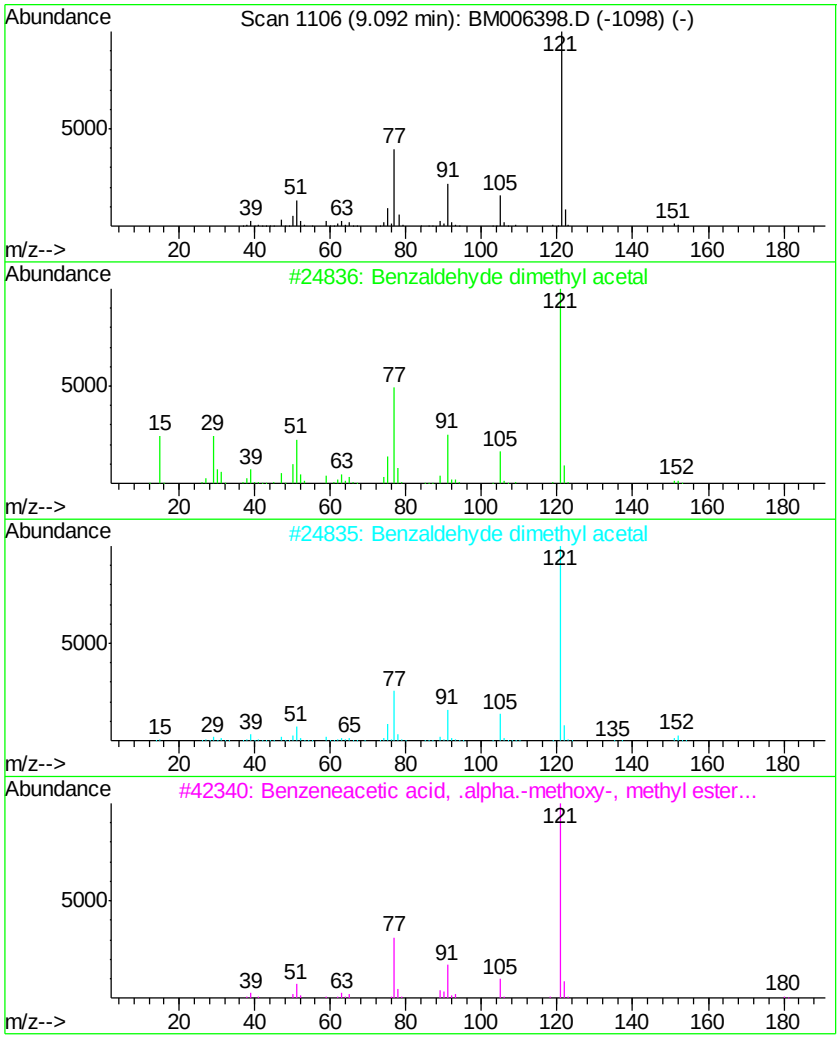
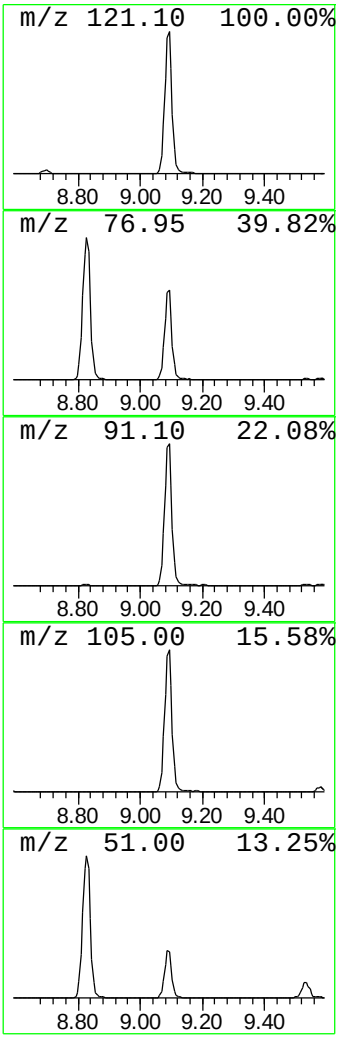
Peak Number 2 Benzaldehyde dimethyl acetal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	45.50 ng/ul	2006250	Naphthalene-d8	10.41

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	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	78
5	(R)-(-)-.alpha.-Methoxyphenylace...	166	C9H10O3	003966-32-3	78





Library Search Compound Report

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Sample : H3914-21
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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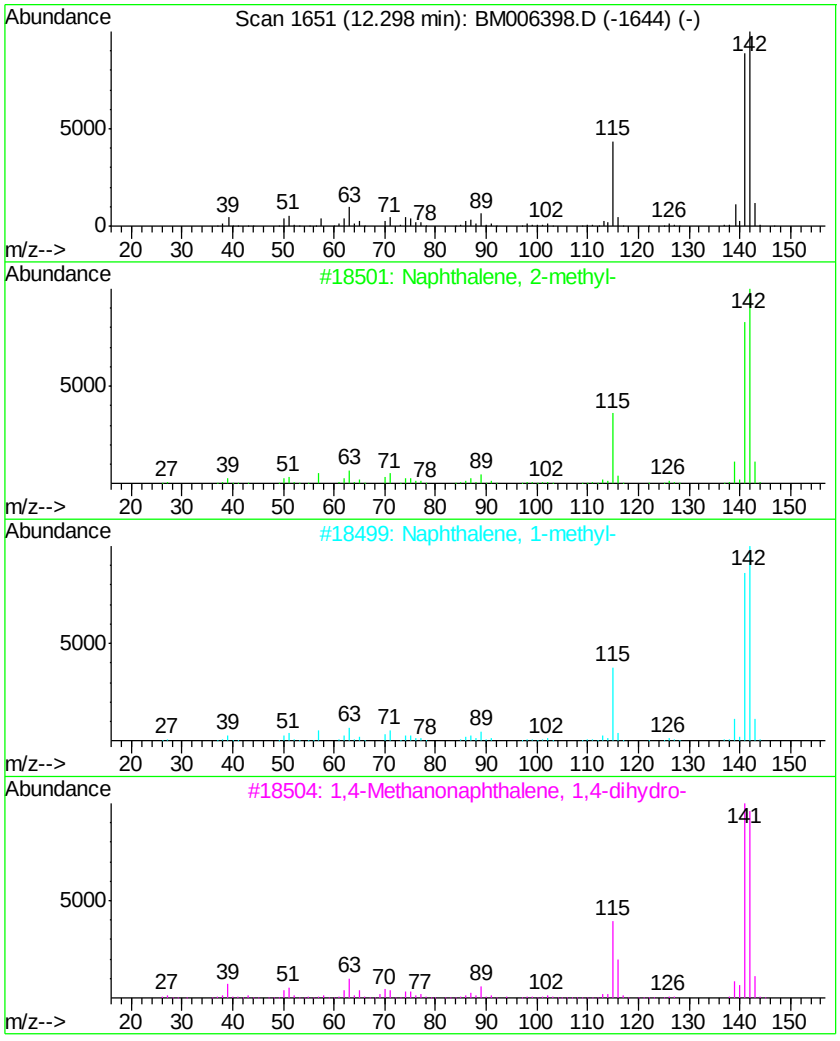
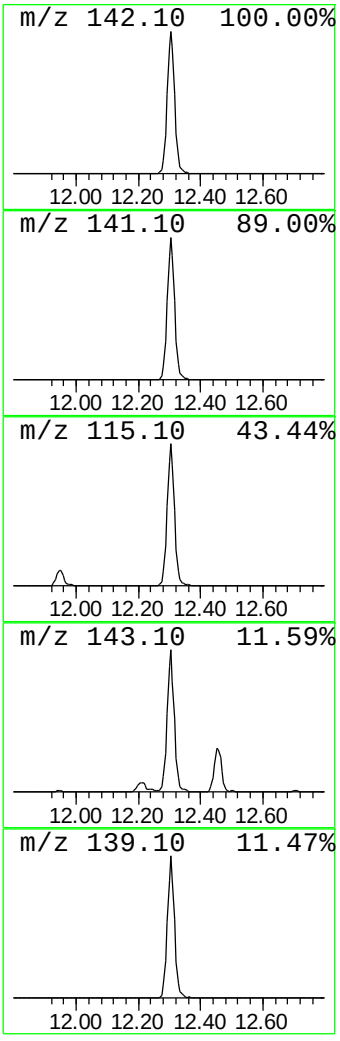
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	55.66 ng/ul	2454210	Naphthalene-d8	10.41

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Instrument : BNA_M
ClientSampleId : A4TT2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION

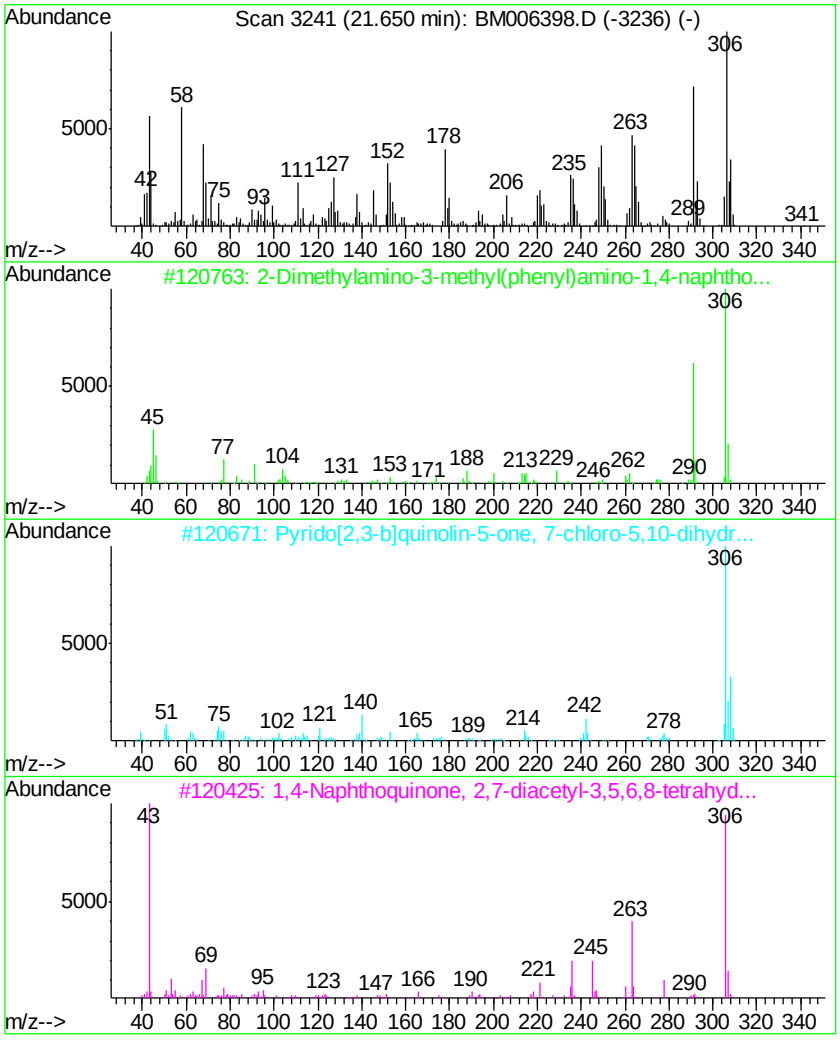
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

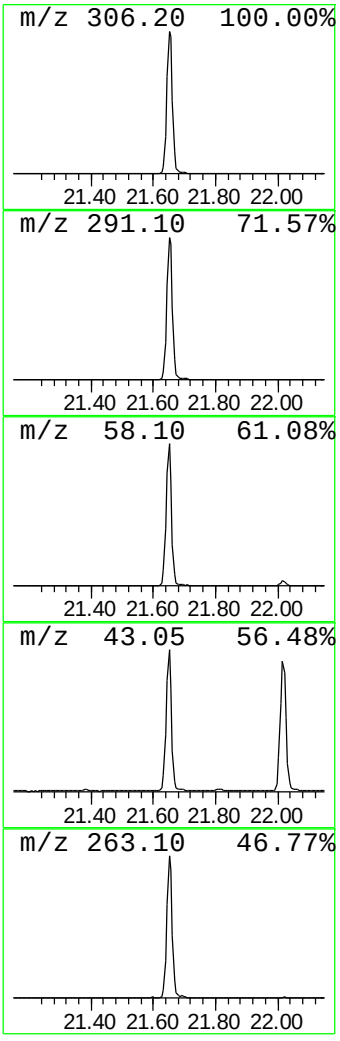
****

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	15.67 ng/ul	4269940	Chrysene-d12	21.23

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	1,4-Naphthoquinone, 2,7-diacetyl...	306	C14H10O8	003404-89-5	35
4	Benzoic acid, 4-(3-indolylmethyl...	306	C19H18N2O2	304669-02-1	27
5	1,1':2',1'':3'',1'''-Quaterphenyl	306	C24H18	001165-57-7	22





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	2.70	1278.4	ng/ul	68820800	1	7.63	1076650	20.0
Benzaldehyde dime...	9.09	45.5	ng/ul	2006250	2	10.41	881796	20.0
Naphthalene, 1-me...	12.30	55.7	ng/ul	2454210	2	10.41	881796	20.0
unknown-02	21.65	15.7	ng/ul	4269940	5	21.23	5448610	20.0