LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005026.D
Acq On : 21 Apr 2016 16:12
Operator : UM/SJ
Sample : H2567-05DL2 250X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7M3DL2

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-BM041416.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	5.469	468	473	480	rBB	6375	11899	1.65%	0.268%
2	7.528	819	823	829	rBB	9224	14691	2.03%	0.331%
3	7.804	865	870	881	rBB	129989	211938	29.31%	4.777%
4	8.175	928	933	939	rBB	37760	60252	8.33%	1.358%
5	8.340	955	961	970	rBB	63964	100517	13.90%	2.266%
6	9.281	1116	1121	1128	rBB2	5031	9190	1.27%	0.207%
7	10.598	1338	1345	1348	rBV	183635	314440	43.49%	7.087%
8	10.645	1348	1353	1366	rVV	425190	723080	100.00%	16.298%
9	10.763	1368	1373	1380	rVB	21855	34646	4.79%	0.781%
10	12.257	1620	1627	1634	rBV	84678	131186	18.14%	2.957%
11	12.481	1658	1665	1672	rBB	37905	58331	8.07%	1.315%
12	13.275	1796	1800	1806	rBB	9130	13831	1.91%	0.312%
13	14.445	1992	1999	2005	rBV2	269300	420642	58.17%	9.481%
14	14.504	2005	2009	2015	rVB	50588	73681	10.19%	1.661%
15	14.845	2062	2067	2077	rBB	31604	45444	6.28%	1.024%
16	15.492	2172	2177	2184	rBV	33825	45354	6.27%	1.022%
17	17.186	2459	2465	2469	rBV	348670	499441	69.07%	11.257%
18	17.233	2469	2473	2479	rVB	121358	173549	24.00%	3.912%
19	17.321	2485	2488	2497	rVB	8376	11343	1.57%	0.256%
20	17.598	2531	2535	2542	rBV	7620	11028	1.53%	0.249%
21	18.115	2619	2623	2628	rBV	5549	7501	1.04%	0.169%
22	18.263	2642	2648	2652	rBV3	9730	15253	2.11%	0.344%
23	19.245	2810	2815	2822	rBV	65572	91097	12.60%	2.053%
24	19.610	2873	2877	2886	rVB	47231	67697	9.36%	1.526%
25	20.209	2974	2979	2983	rBV	5575	7248	1.00%	0.163%
26	21.374	3171	3177	3182	rBV	530556	684164	94.62%	15.421%
27	23.662	3558	3566	3576	rBV2	305066	599152	82.86%	13.505%

Sum of corrected areas: 4436595

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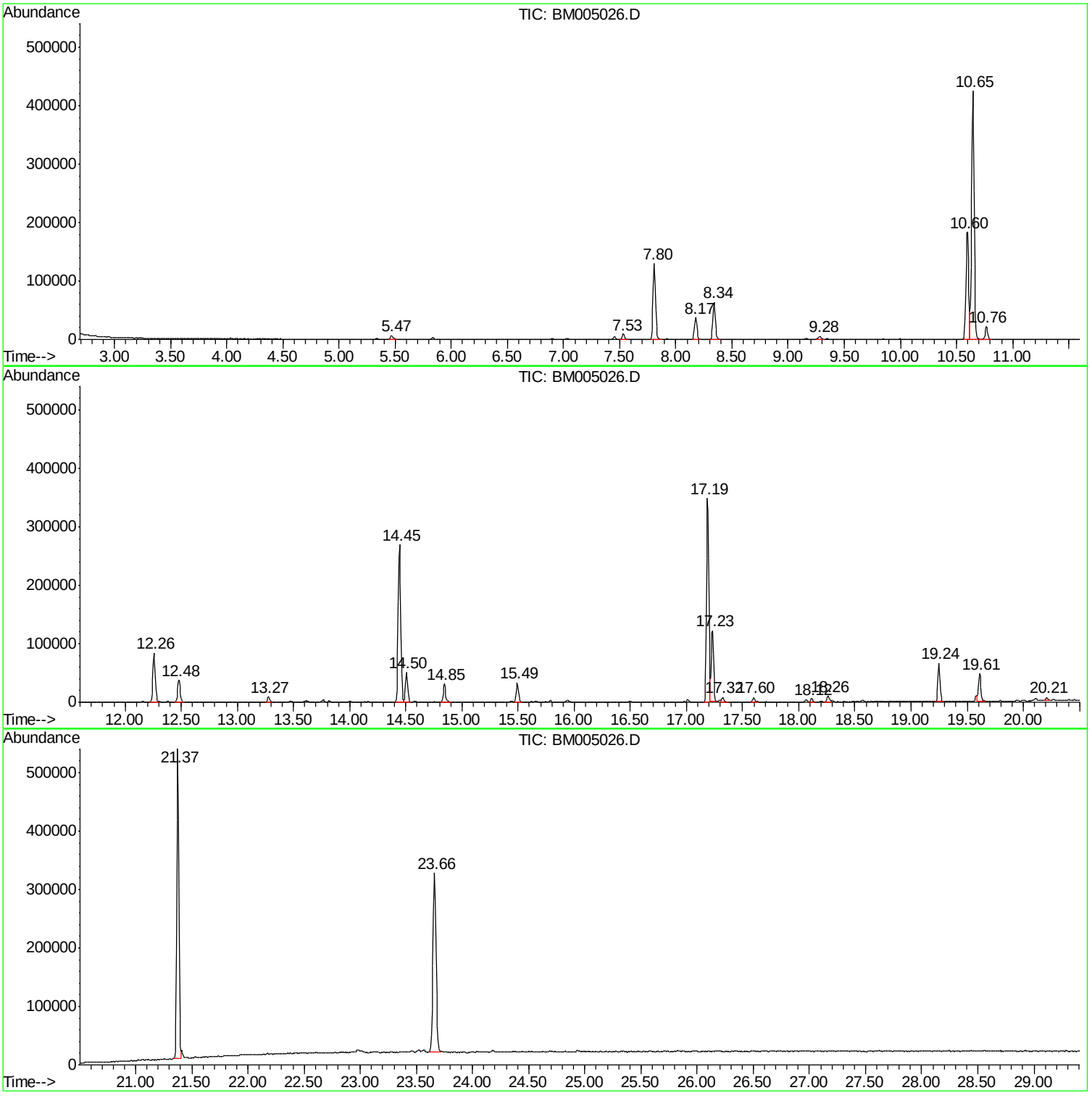
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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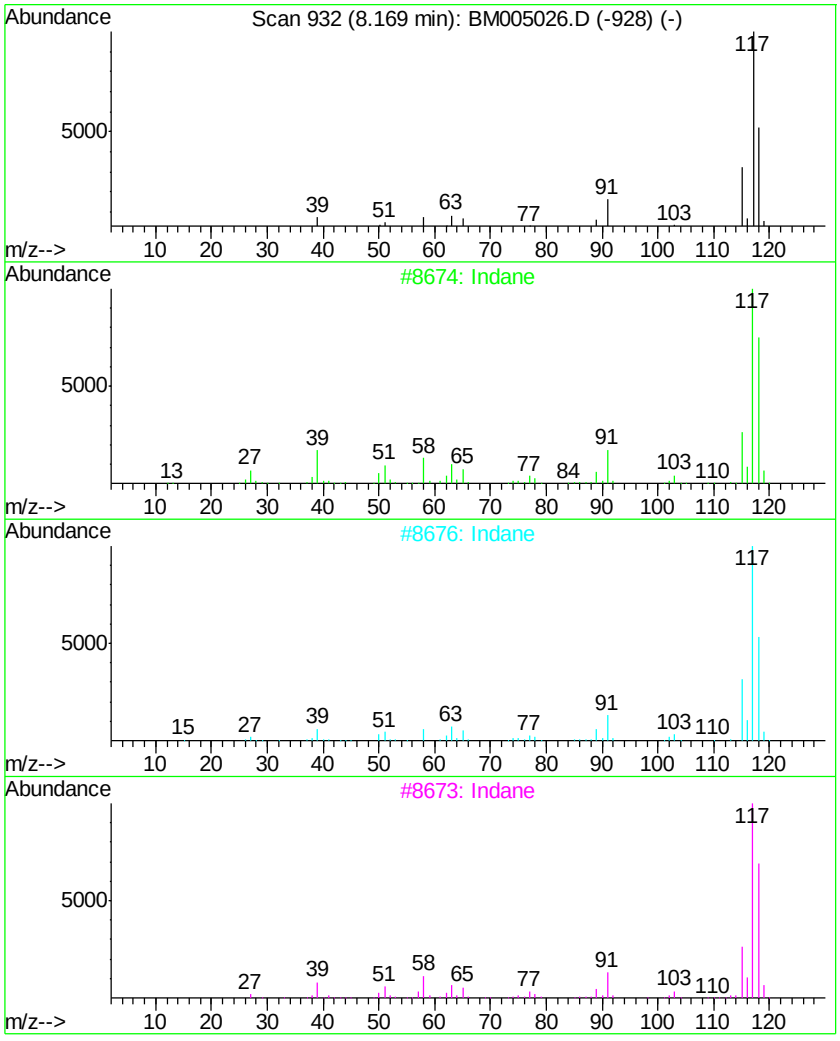
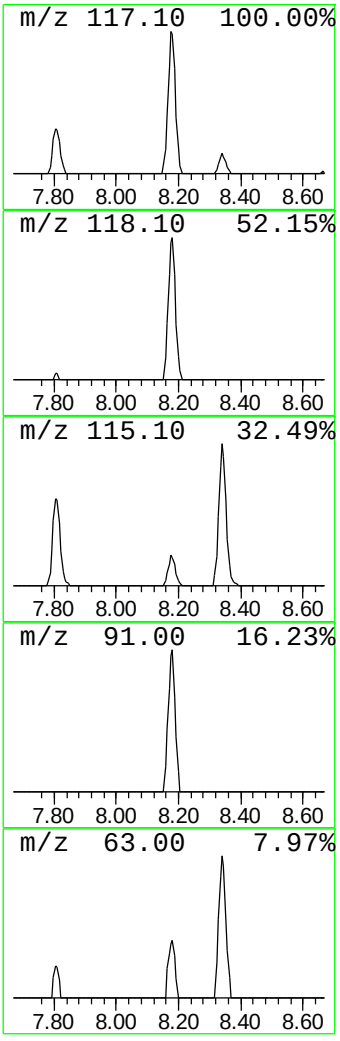
Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	5.69 ng/ul	60252	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Indane	118	C9H10	000496-11-7	83
3	Indane	118	C9H10	000496-11-7	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Instrument : BNA_M
ClientSampleId : BC7M3DL2

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Quant Title : SVOA CALIBRATION

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

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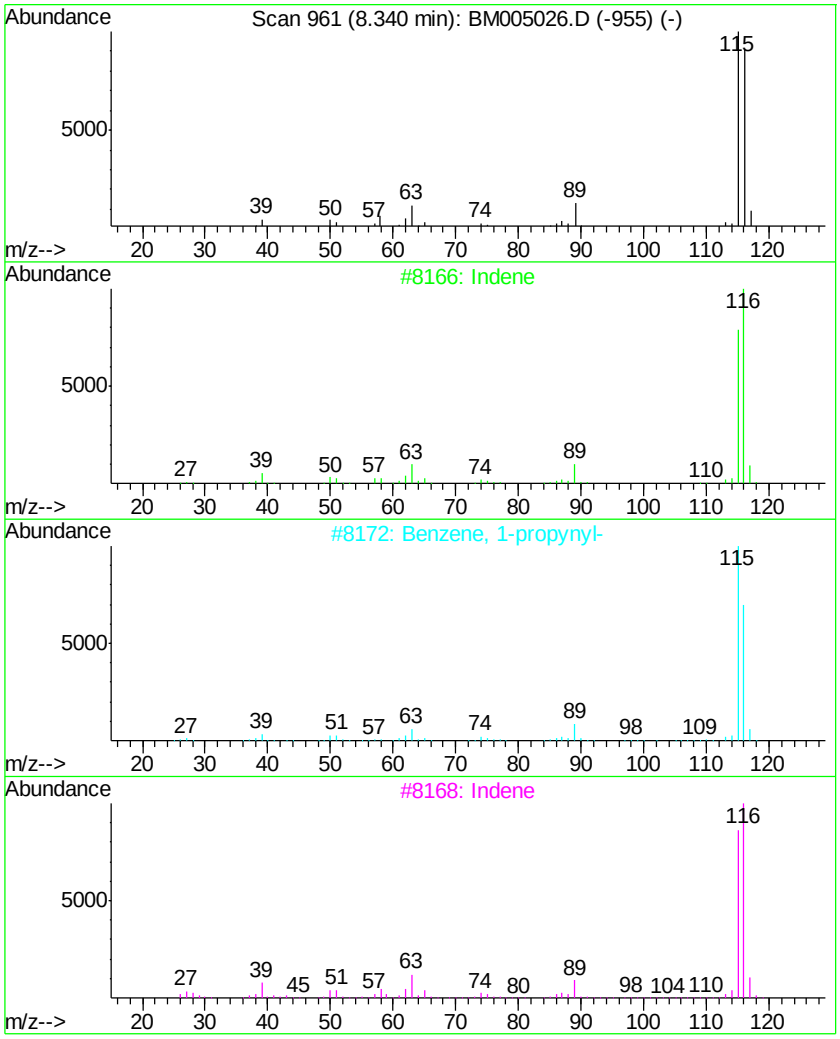
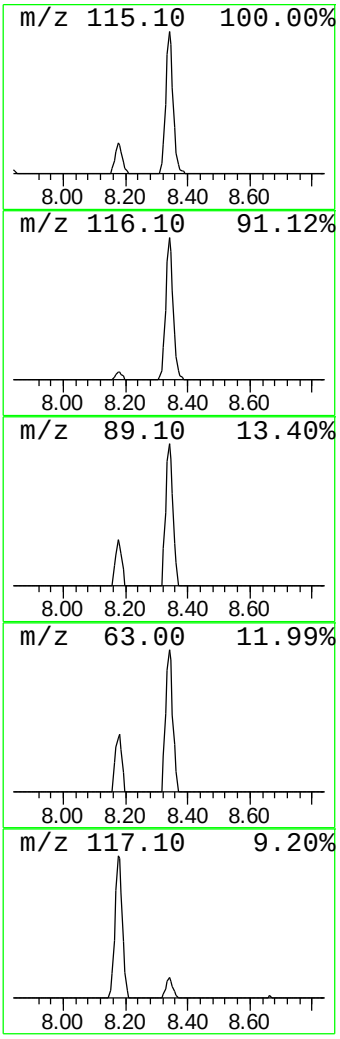
Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	9.49 ng/ul	100517	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	94
4	Indene	116	C9H8	000095-13-6	93
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

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Misc :
ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId : BC7M3DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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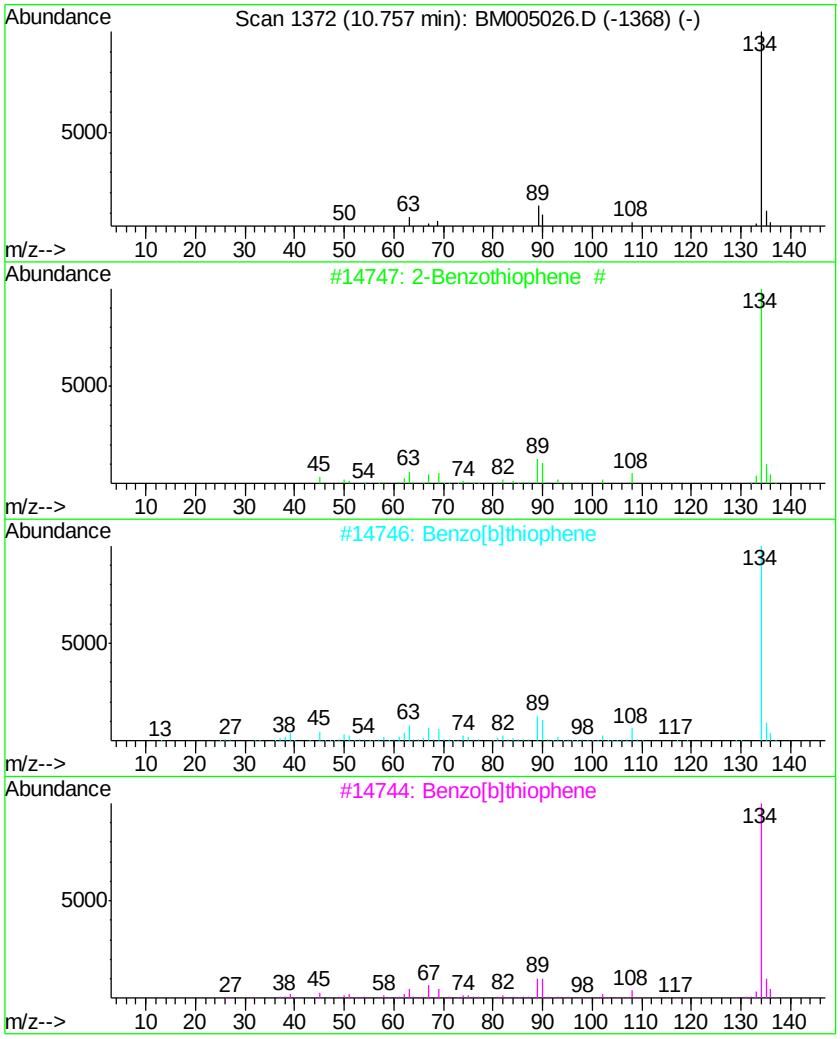
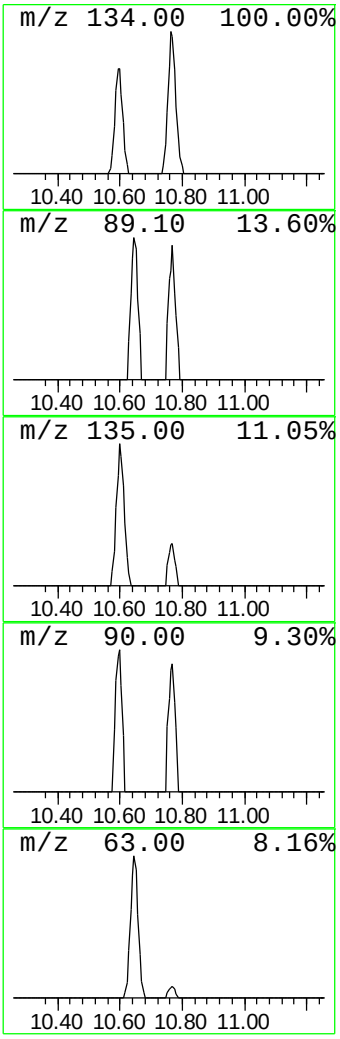
Peak Number 3 2-Benzothiophene # Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.20 ng/ul	34646	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	80





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Quant Title : SVOA CALIBRATION

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

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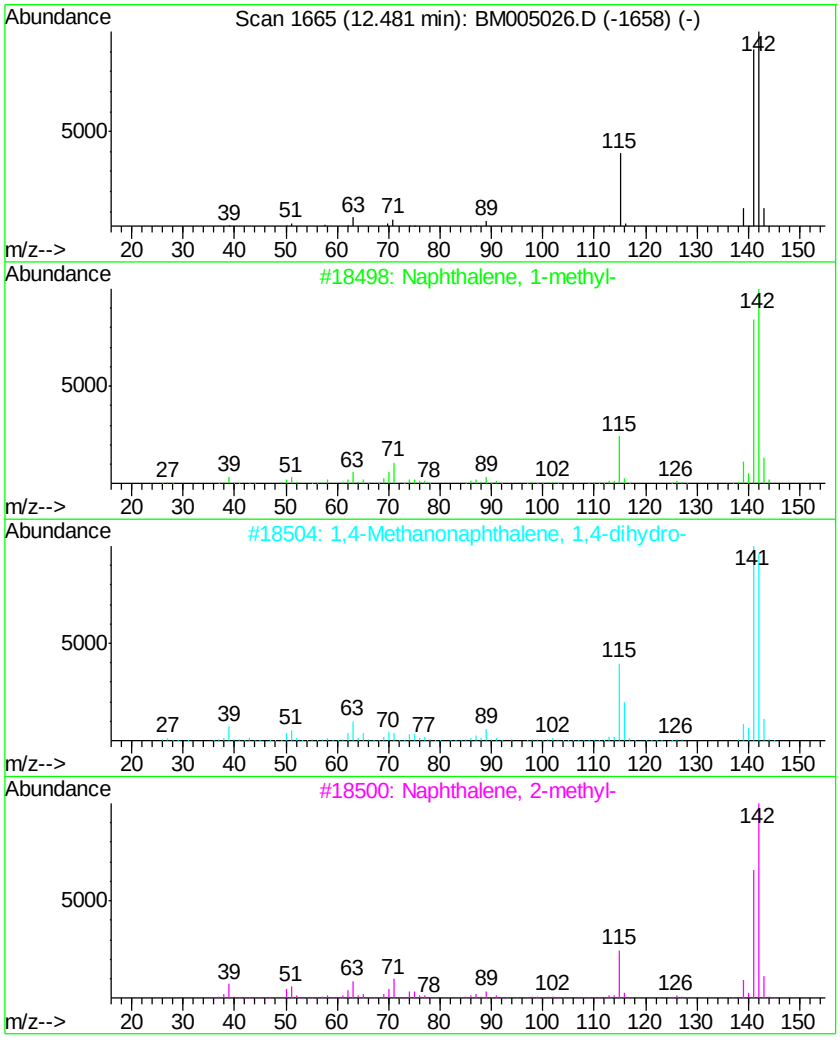
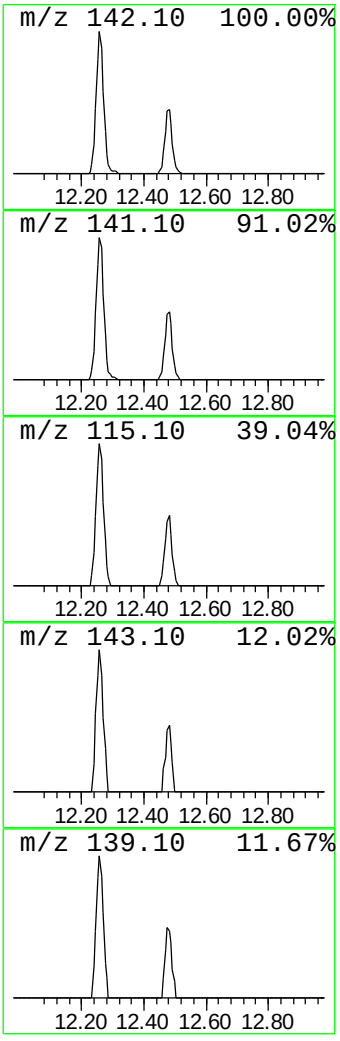
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.71 ng/ul	58331	Naphthalene-d8	10.60

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





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	8.17	5.7	ng/ul	60252	1	7.81	211938	20.0
Indene	8.34	9.5	ng/ul	100517	1	7.81	211938	20.0
2-Benzothiophene #	10.76	2.2	ng/ul	34646	2	10.60	314440	20.0
Naphthalene, 1-me...	12.48	3.7	ng/ul	58331	2	10.60	314440	20.0