LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005028.D
Acq On : 21 Apr 2016 17:25
Operator : UM/SJ
Sample : H2567-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7L9DL

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	7.810	865	871	880	rBB	139950	226959	5.72%	2.064%
2	8.175	927	933	941	rBB	119871	188913	4.77%	1.718%
3	8.339	955	961	974	rBB	203439	326309	8.23%	2.968%
4	9.281	1114	1121	1127	rBV	43131	86039	2.17%	0.783%
5	10.598	1338	1345	1348	rBV	189443	336681	8.49%	3.062%
6	10.651	1348	1354	1367	rVV	2048615	3964542	100.00%	36.060%
7	10.769	1367	1374	1383	rVB	231195	394429	9.95%	3.588%
8	12.257	1621	1627	1641	rBB	344666	547288	13.80%	4.978%
9	12.480	1654	1665	1673	rBB	229720	379189	9.56%	3.449%
10	13.274	1795	1800	1808	rBB	59561	85980	2.17%	0.782%
11	13.763	1876	1883	1888	rBV	31724	53144	1.34%	0.483%
12	14.133	1940	1946	1948	rBV	32755	44855	1.13%	0.408%
13	14.163	1948	1951	1958	rVB	44939	66197	1.67%	0.602%
14	14.445	1990	1999	2005	rBV2	286400	453645	11.44%	4.126%
15	14.510	2005	2010	2016	rVB	215229	327348	8.26%	2.977%
16	14.574	2016	2021	2027	rBV	46138	64414	1.62%	0.586%
17	14.839	2061	2066	2075	rBV	157888	239513	6.04%	2.179%
18	15.439	2163	2168	2172	rBV	52334	70815	1.79%	0.644%
19	15.492	2172	2177	2186	rVB	161269	224675	5.67%	2.044%
20	17.192	2460	2466	2469	rBV	359778	533082	13.45%	4.849%
21	17.233	2469	2473	2478	rVB	213407	297901	7.51%	2.710%
22	17.286	2478	2482	2486	rBV	57409	79125	2.00%	0.720%
23	17.592	2529	2534	2544	rVB	230438	312772	7.89%	2.845%
24	19.245	2811	2815	2821	rVB	38922	50341	1.27%	0.458%
25	19.580	2867	2872	2876	rBV	71891	105733	2.67%	0.962%
26	20.050	2948	2952	2959	rBV	29190	42392	1.07%	0.386%
27	21.374	3172	3177	3187	rBV	552285	728469	18.37%	6.626%
28	23.515	3535	3541	3549	rBV2	45773	84211	2.12%	0.766%
29	23.662	3558	3566	3579	rBV2	352705	679187	17.13%	6.178%

Sum of corrected areas: 10994148

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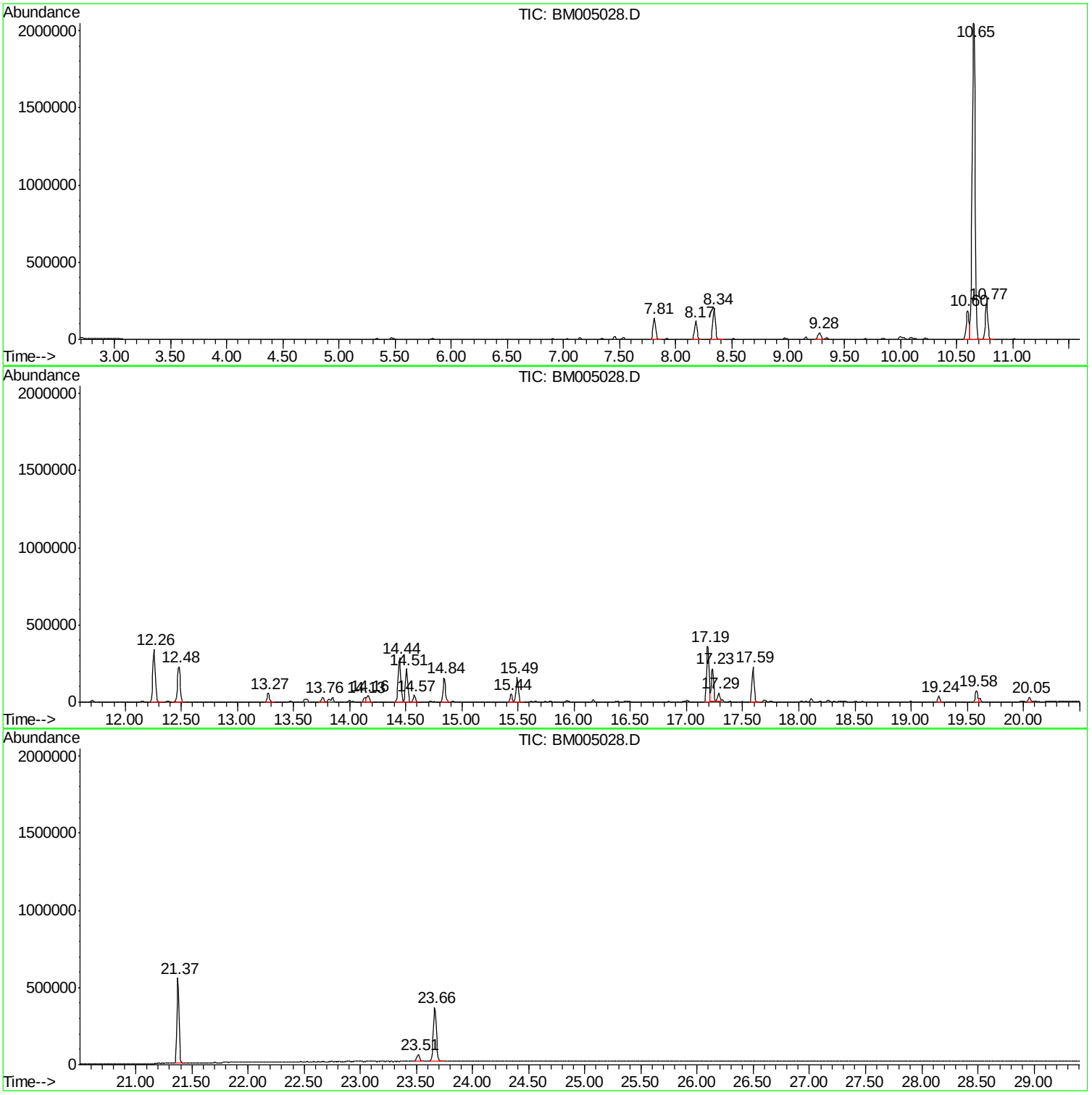
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7L9DL

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

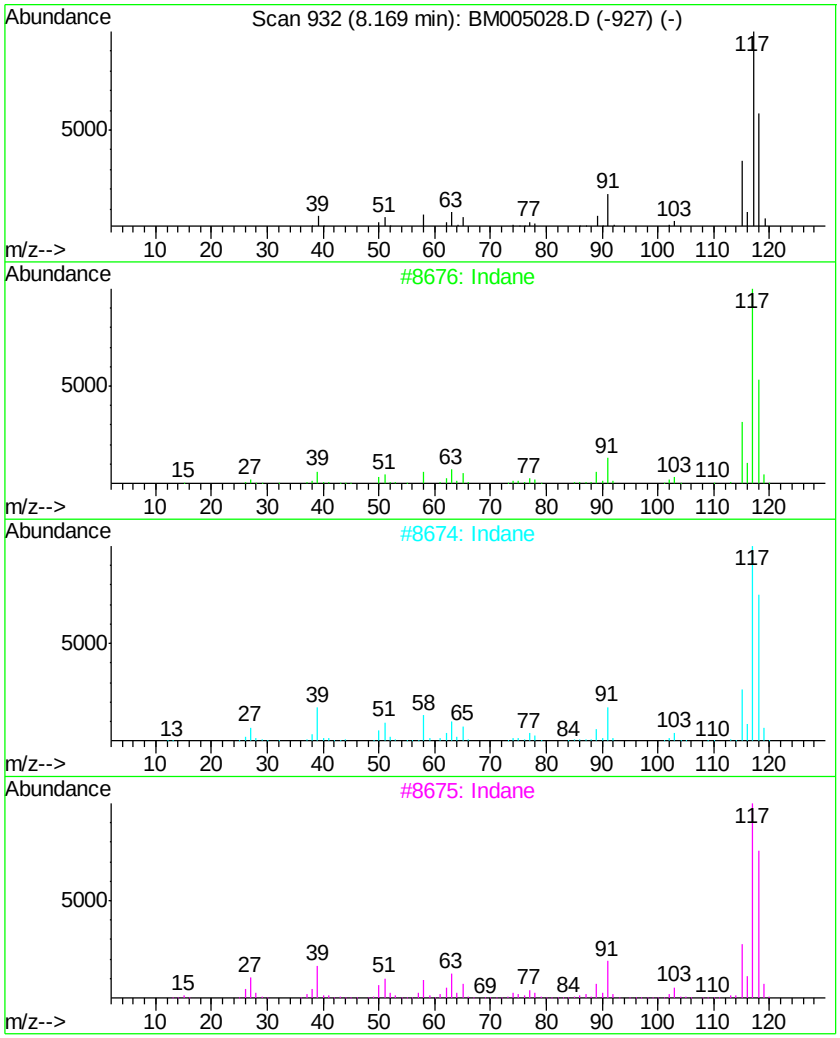
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

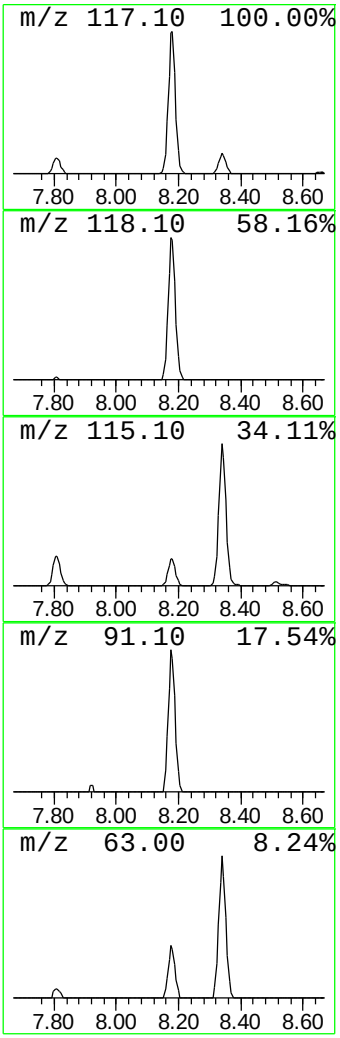
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	16.65 ng/ul	188913	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	60
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	59
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58





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Data File : BM005028.D
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Operator : UM/SJ
Sample : H2567-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7L9DL

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

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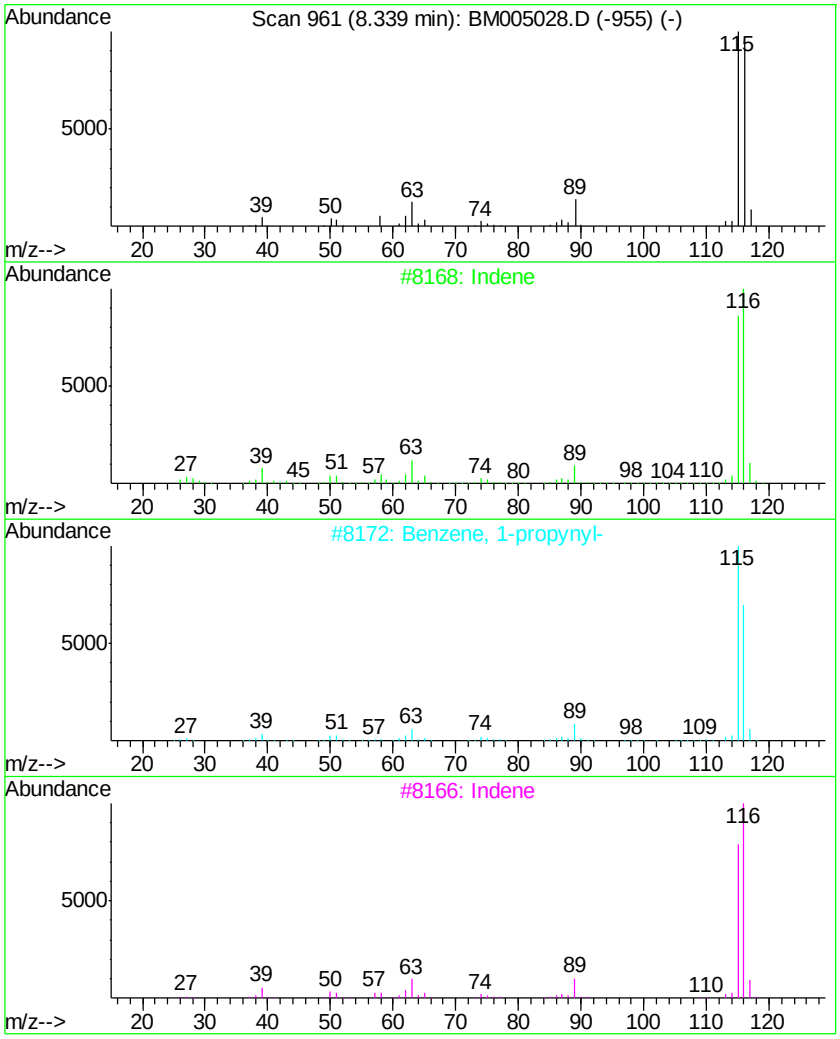
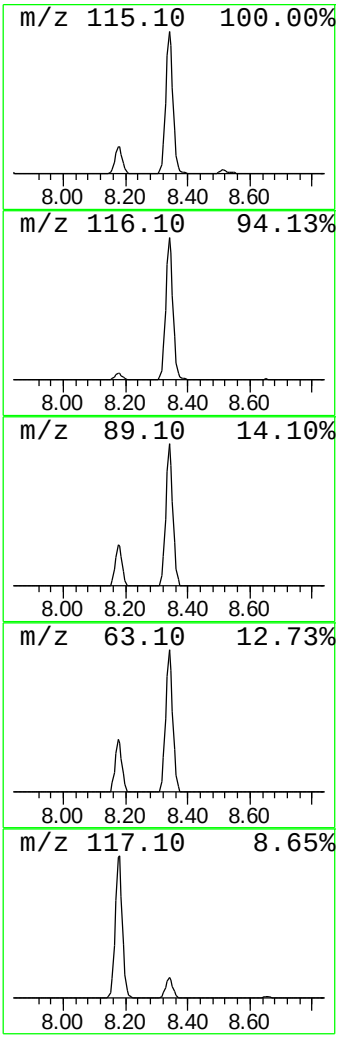
Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	28.75 ng/ul	326309	1,4-Dichlorobenzene-d4	7.81

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





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Sample : H2567-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7L9DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
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TIC Library : C:\DATABASE\NIST02.L
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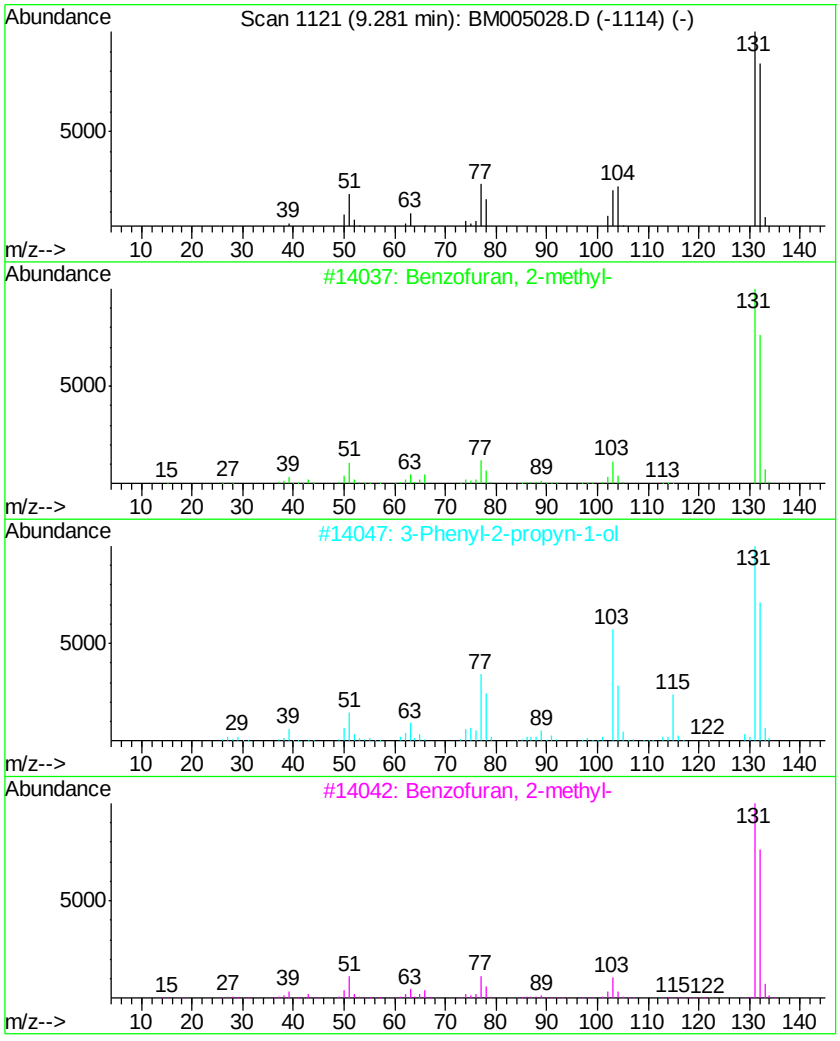
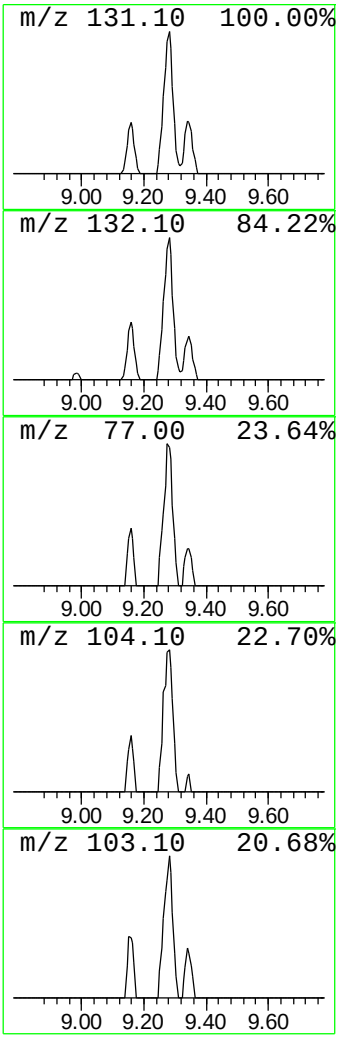
Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	5.11 ng/ul	86039	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83





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Sample : H2567-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7L9DL

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

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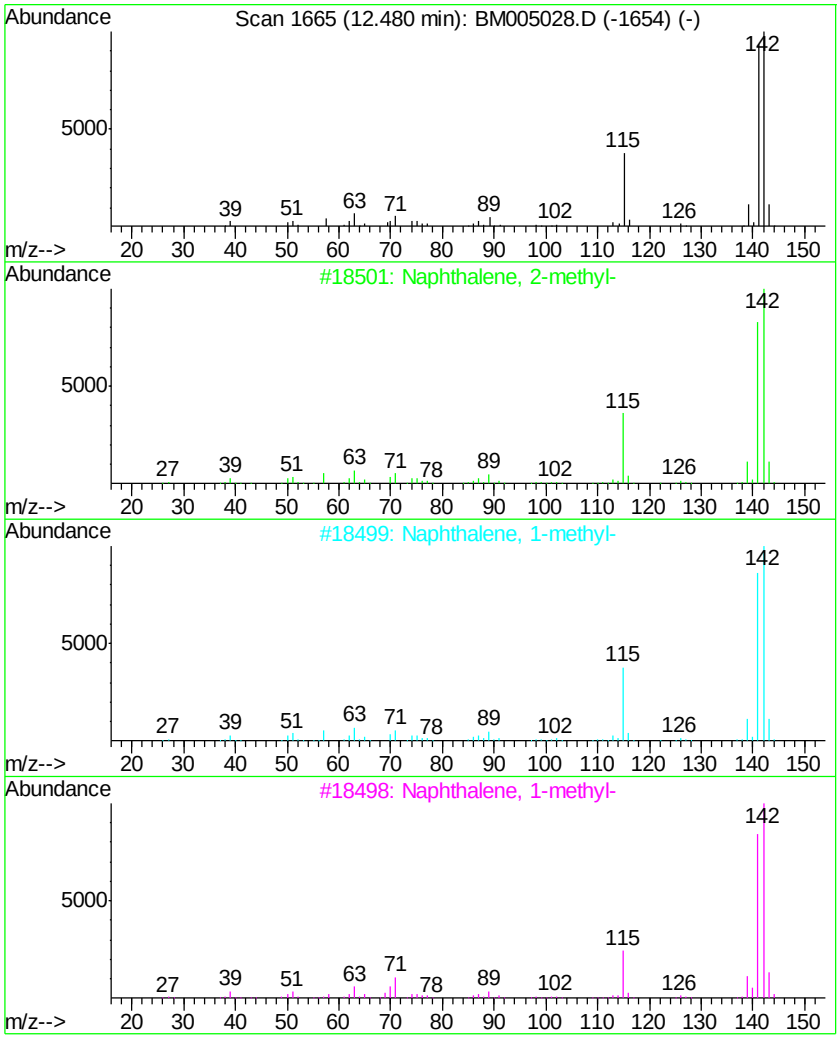
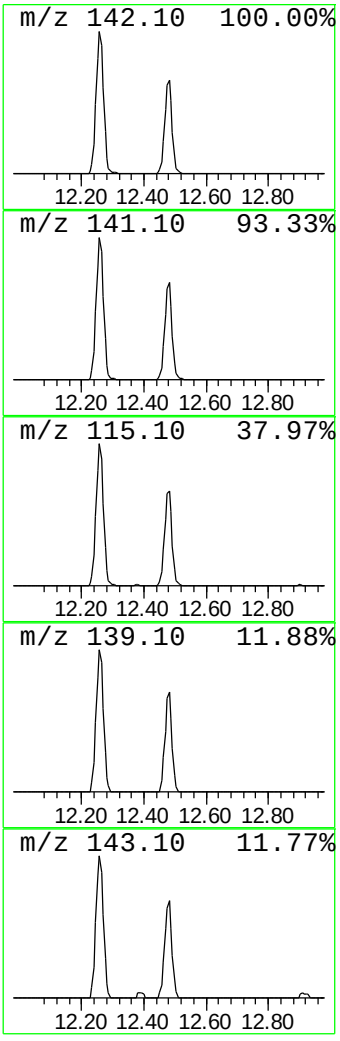
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	22.53 ng/ul	379189	Naphthalene-d8	10.60

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, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Operator : UM/SJ
Sample : H2567-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7L9DL

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

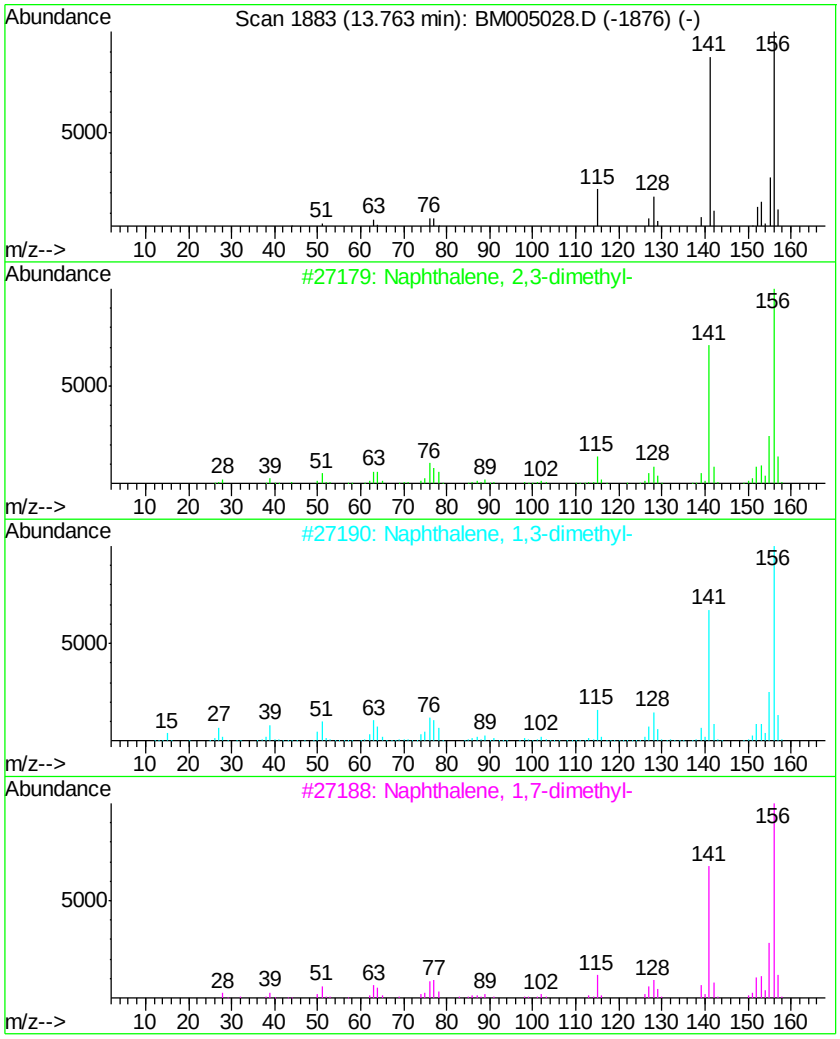
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

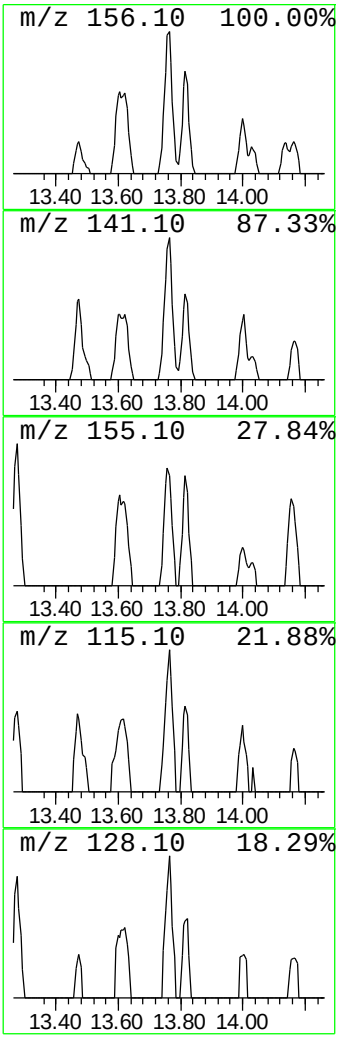
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.34 ng/ul	53144	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Instrument : BNA_M
ClientSampleId : BC7L9DL

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

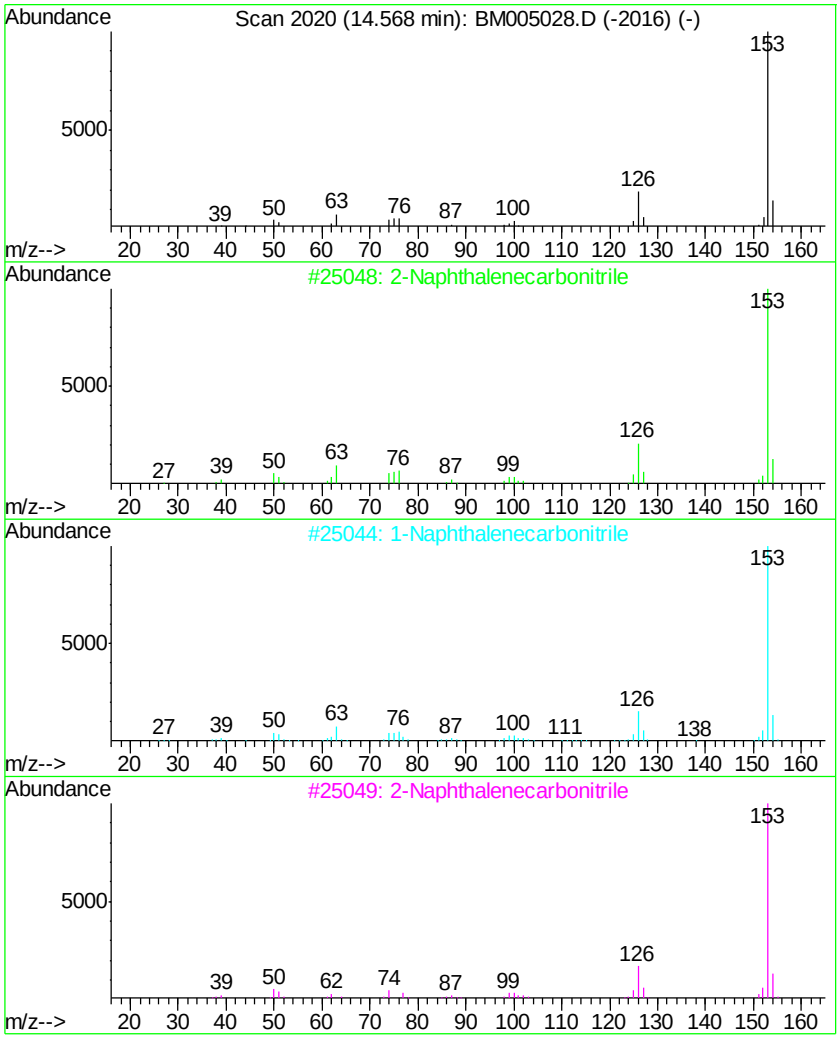
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

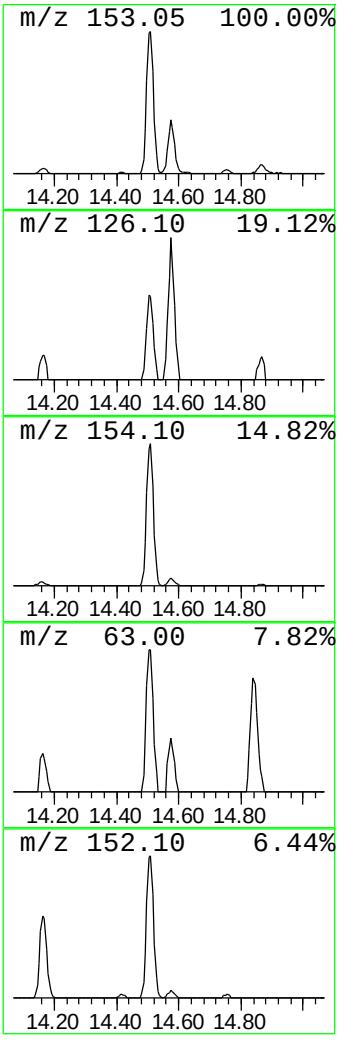
****

Peak Number 6 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.84 ng/ul	64414	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





Tentatively Identified Compound (LSC) summary

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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	16.6	ng/ul	188913	1	7.81	226959	20.0
Indene	8.34	28.8	ng/ul	326309	1	7.81	226959	20.0
Benzofuran, 2-met...	9.28	5.1	ng/ul	86039	2	10.60	336681	20.0
Naphthalene, 1-me...	12.48	22.5	ng/ul	379189	2	10.60	336681	20.0
Naphthalene, 2,3-...	13.76	2.3	ng/ul	53144	3	14.45	453645	20.0
2-Naphthalenecarb...	14.57	2.8	ng/ul	64414	3	14.45	453645	20.0