LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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	156386	255682	5.63%	2.027%
2	8.175	927	933	941	rBB	144383	228420	5.03%	1.811%
3	8.339	955	961	973	rBV	240475	391889	8.63%	3.108%
4	9.280	1113	1121	1127	rBV	50810	105423	2.32%	0.836%
5	9.998	1237	1243	1246	rBV3	24122	46095	1.01%	0.366%
6	10.598	1338	1345	1348	rBV	218394	381628	8.40%	3.026%
7	10.657	1348	1355	1366	rVV	2304148	4542951	100.00%	36.024%
8	10.769	1367	1374	1383	rVB	277105	472029	10.39%	3.743%
9	12.257	1621	1627	1636	rBV	408057	651896	14.35%	5.169%
10	12.480	1654	1665	1675	rBB	278274	453422	9.98%	3.595%
11	13.274	1795	1800	1807	rBV	72888	103853	2.29%	0.824%
12	13.763	1877	1883	1888	rBV	38686	65629	1.44%	0.520%
13	13.851	1895	1898	1904	rVB	45142	58185	1.28%	0.461%
14	14.133	1941	1946	1949	rBV	48914	81505	1.79%	0.646%
15	14.163	1949	1951	1958	rVB	55107	71088	1.56%	0.564%
16	14.445	1988	1999	2005	rBV2	327701	514547	11.33%	4.080%
17	14.510	2005	2010	2017	rVV	262240	387182	8.52%	3.070%
18	14.574	2017	2021	2027	rVB	55007	75202	1.66%	0.596%
19	14.839	2061	2066	2075	rBV	186458	285559	6.29%	2.264%
20	15.439	2162	2168	2172	rBV	72174	102748	2.26%	0.815%
21	15.492	2172	2177	2186	rVB	184453	264492	5.82%	2.097%
22	17.192	2460	2466	2469	rBV	386751	571023	12.57%	4.528%
23	17.233	2469	2473	2478	rVB	231997	332619	7.32%	2.638%
24	17.286	2478	2482	2486	rBV	77963	108316	2.38%	0.859%
25	17.592	2529	2534	2546	rVB	248411	344056	7.57%	2.728%
26	19.245	2811	2815	2821	rVB	43857	55898	1.23%	0.443%
27	19.580	2867	2872	2876	rBV	93428	136915	3.01%	1.086%
28	21.374	3172	3177	3183	rBV	570936	739882	16.29%	5.867%
29	23.515	3535	3541	3548	rBV	57769	108266	2.38%	0.858%
30	23.662	3558	3566	3577	rBV	346585	674669	14.85%	5.350%

Sum of corrected areas: 12611069

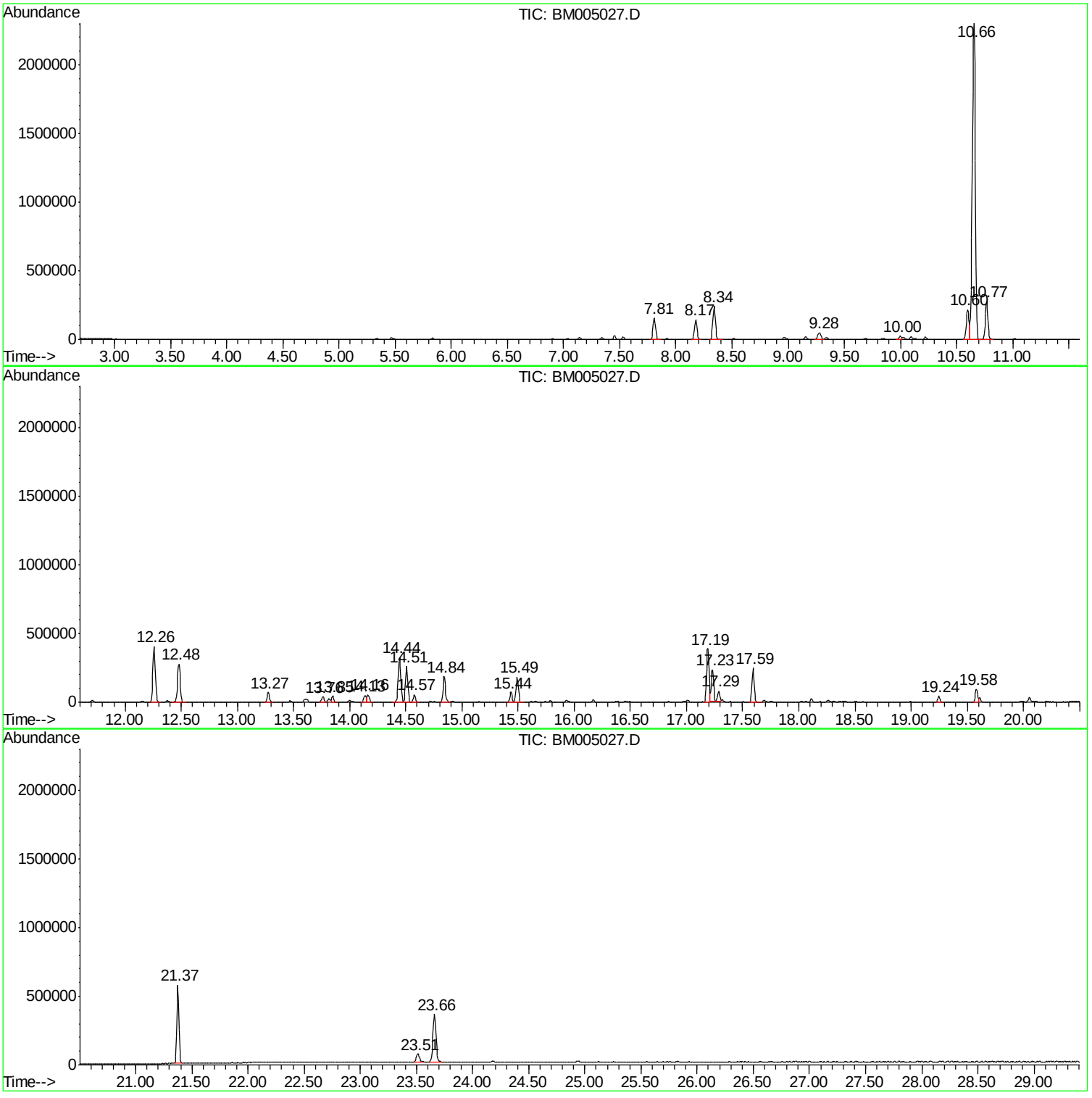
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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

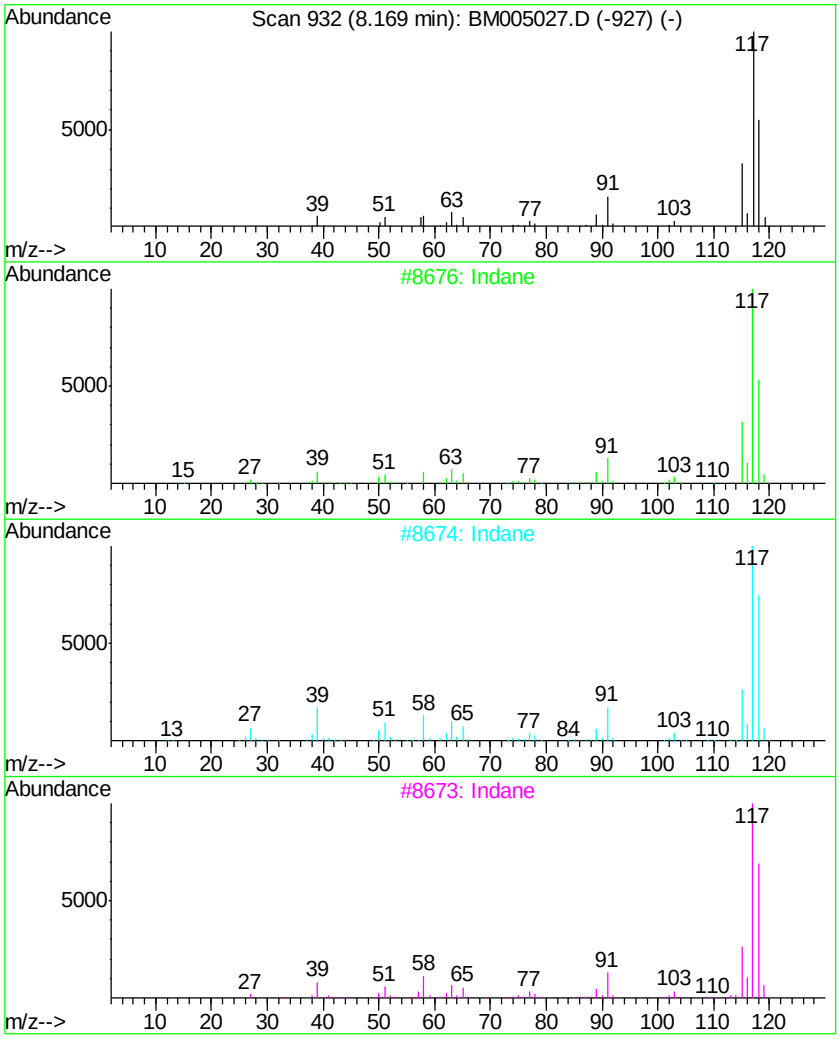
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

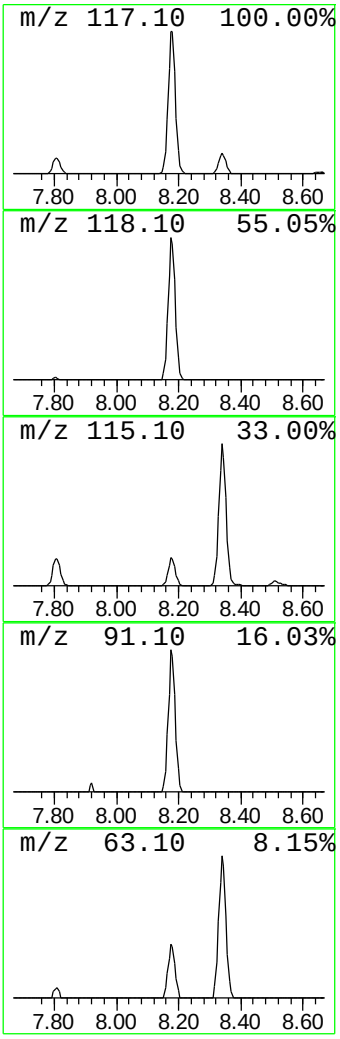
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	17.87 ng/ul	228420	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	83
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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

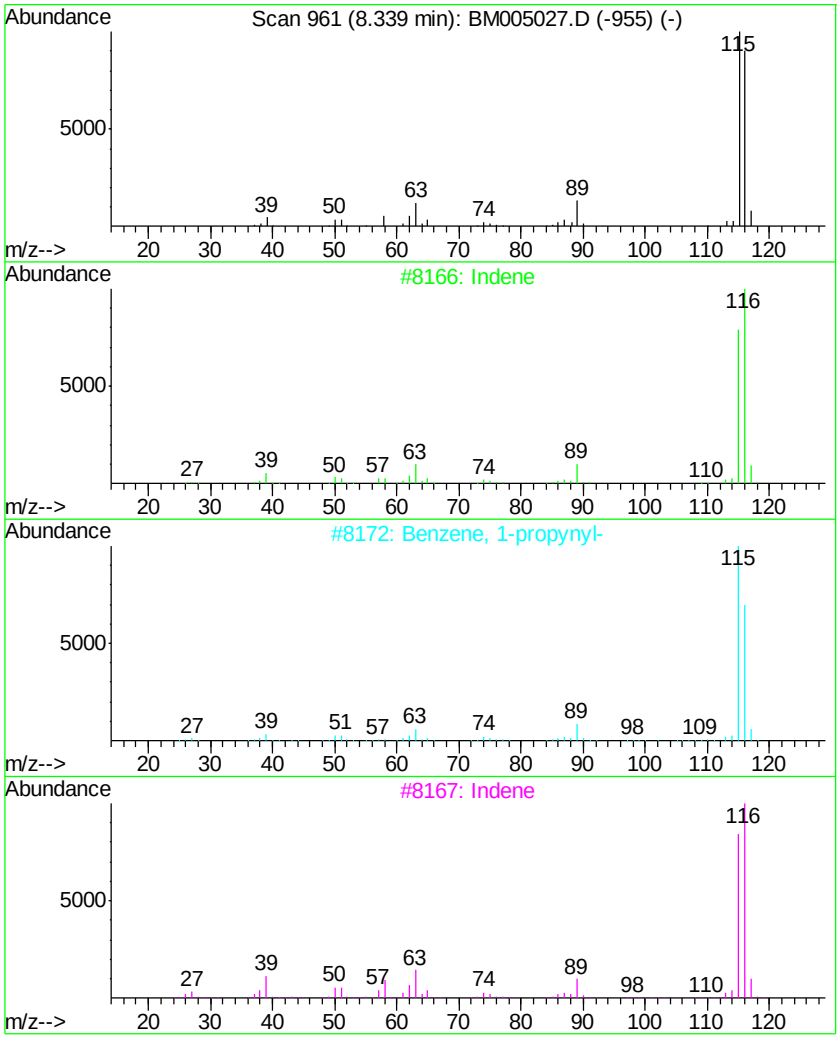
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

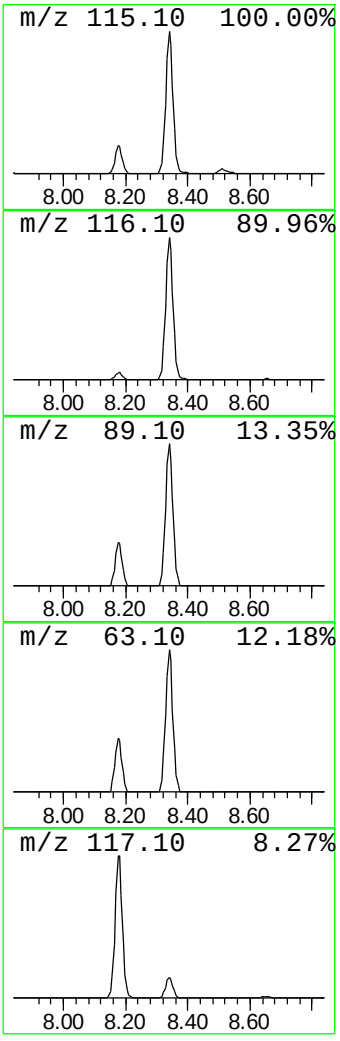
****

Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	30.65 ng/ul	391889	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	93
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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

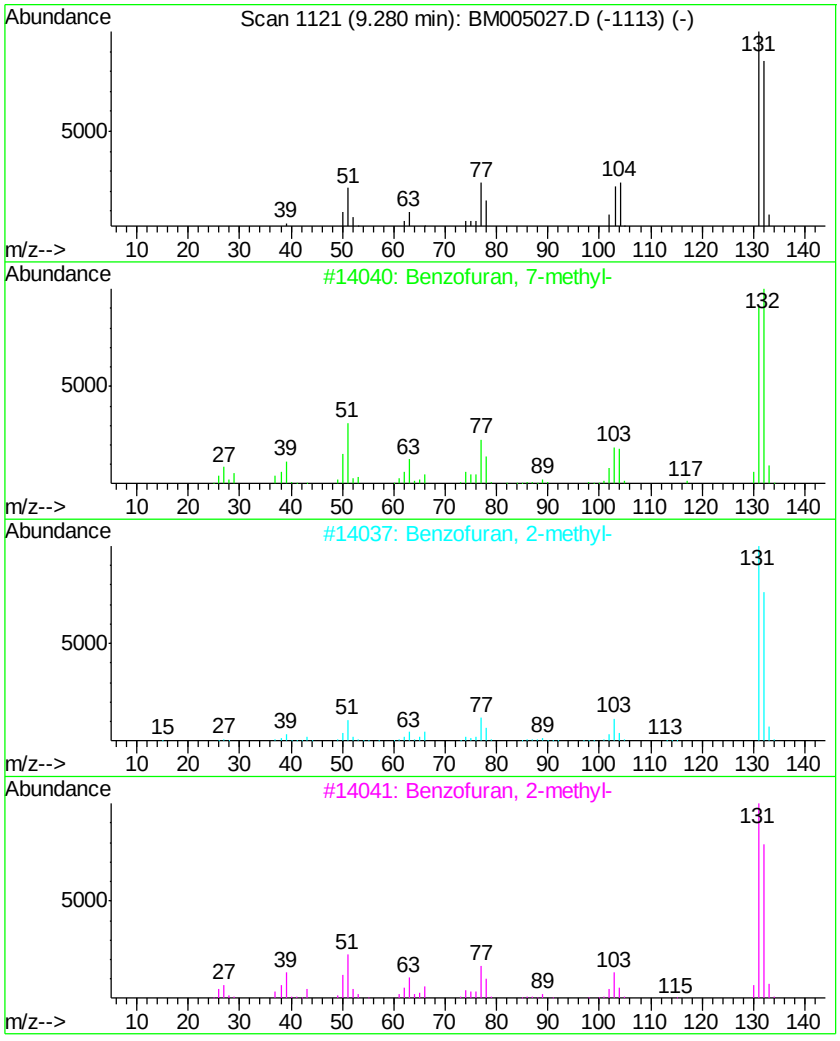
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

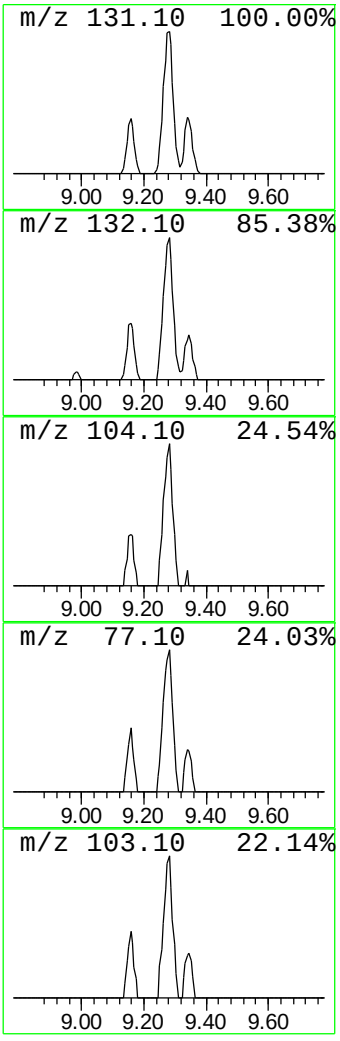
****

Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	5.52 ng/ul	105423	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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

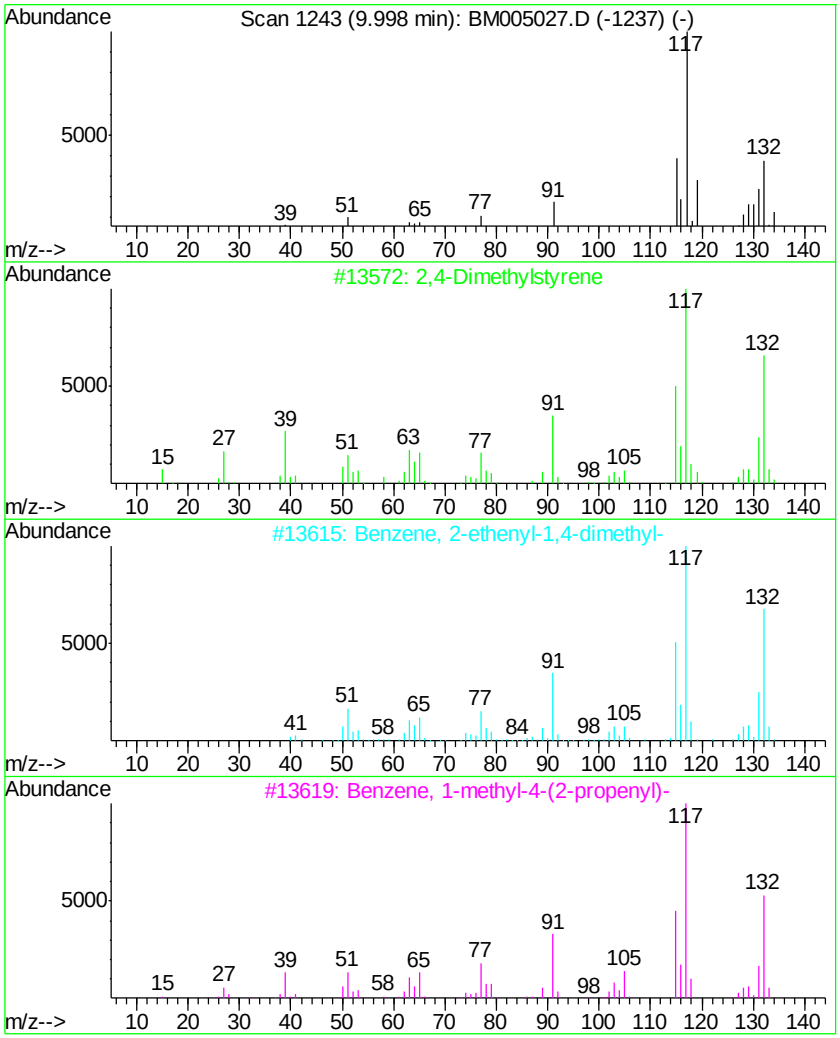
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

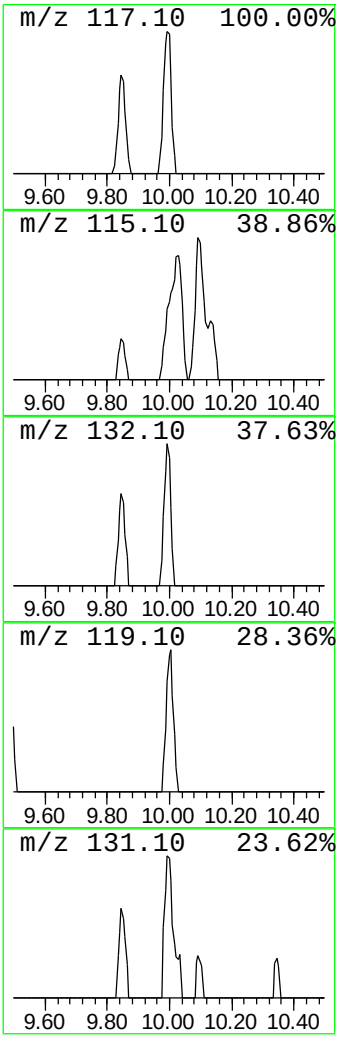
****

Peak Number 4 2,4-Dimethylstyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.42 ng/ul	46095	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	62
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	58
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	58
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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

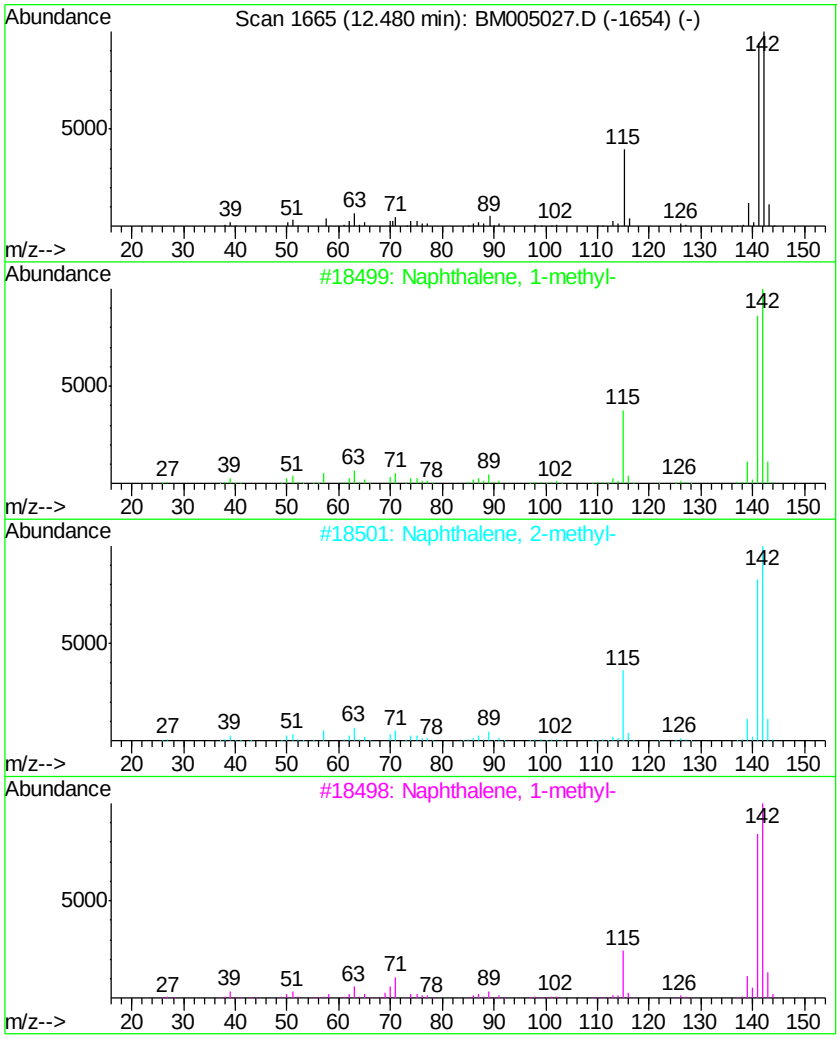
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

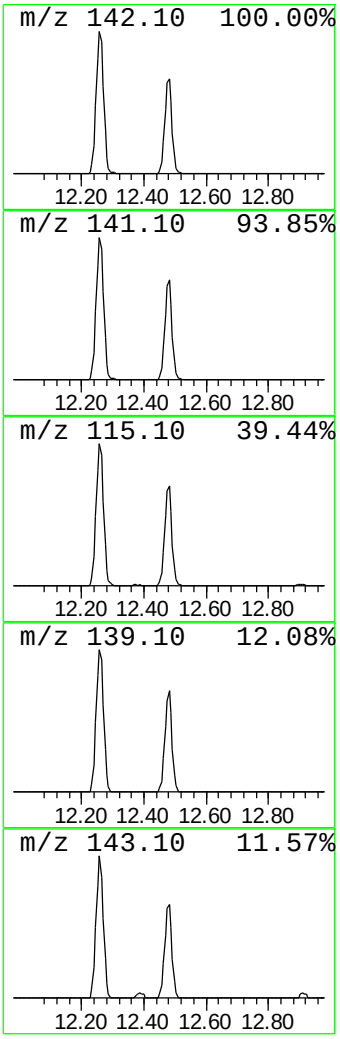
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	23.76 ng/ul	453422	Naphthalene-d8	10.60

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, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
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Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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

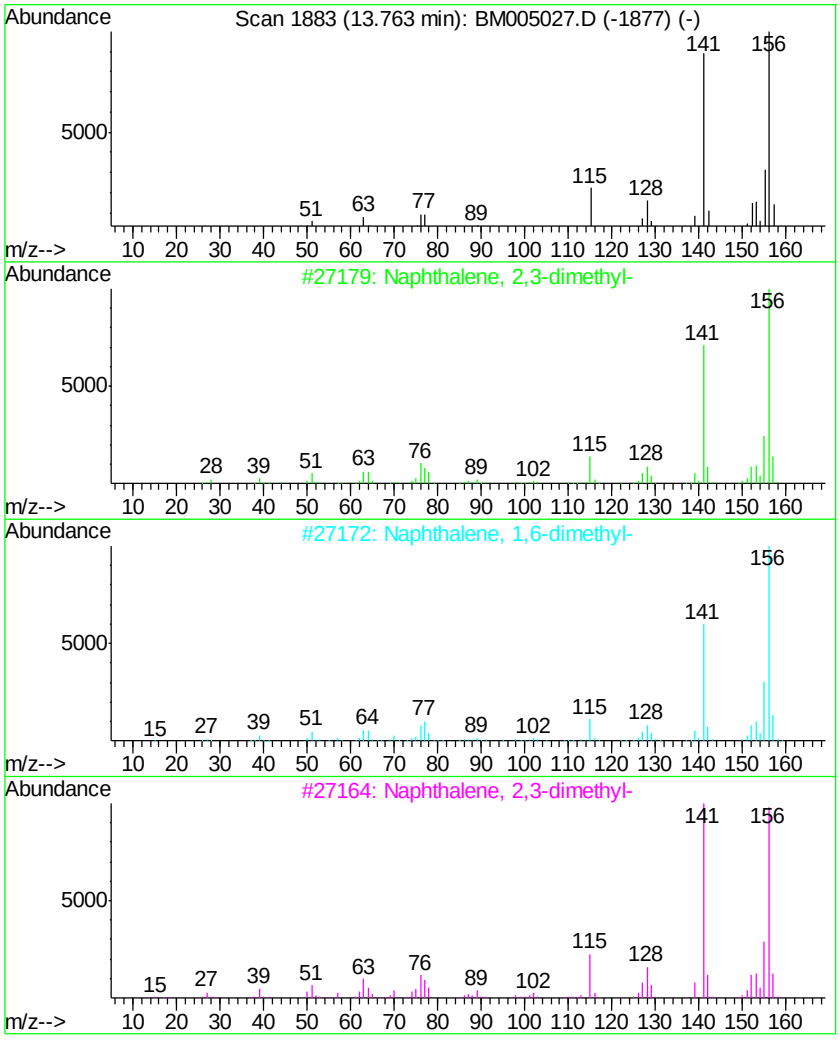
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

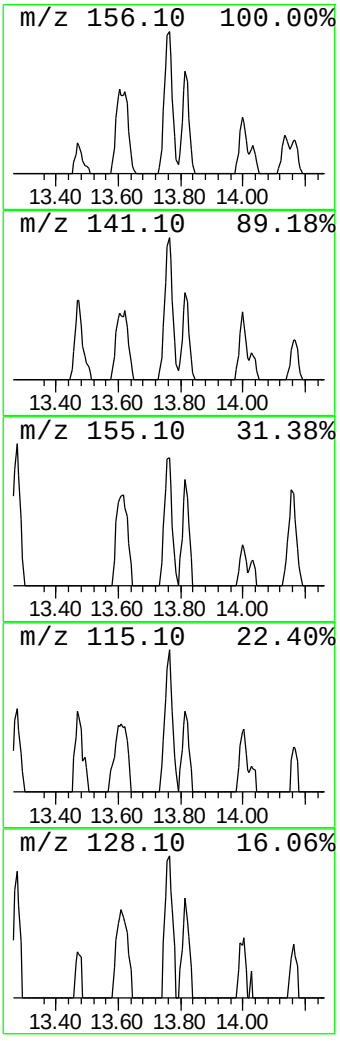
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.55 ng/ul	65629	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

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

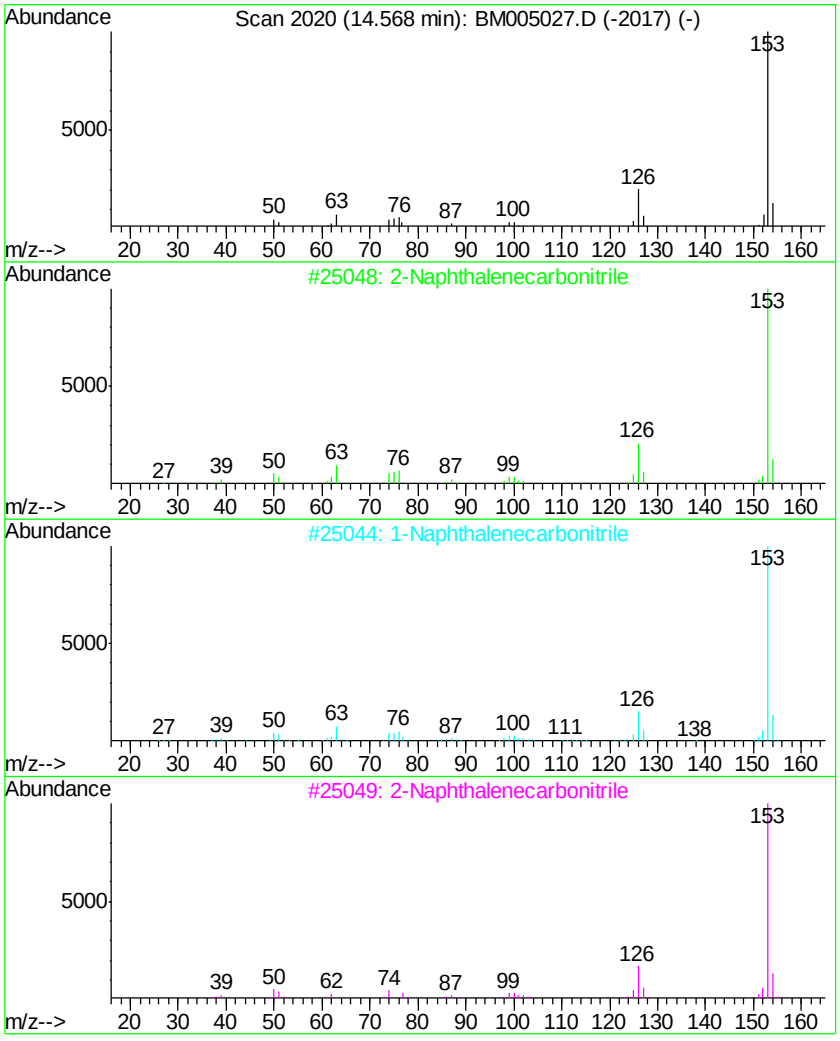
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

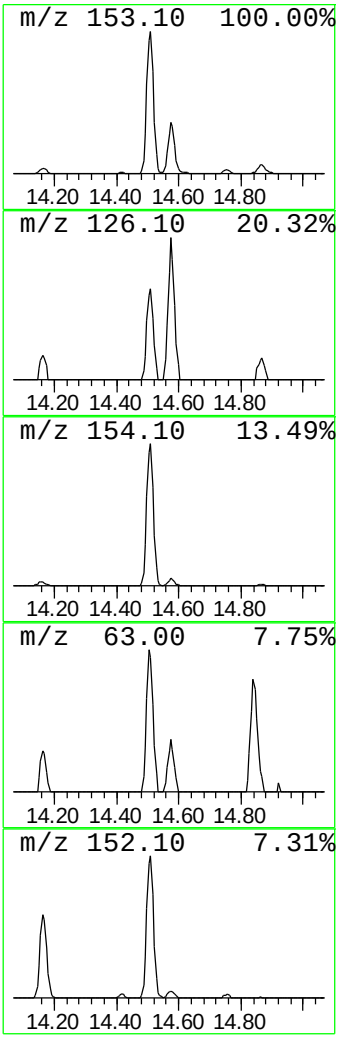
****

Peak Number 7 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.92 ng/ul	75202	Acenaphthene-d10	14.44

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	95
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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
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Acq On : 21 Apr 2016 16:49
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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	17.9	ng/ul	228420	1	7.81	255682	20.0
Indene	8.34	30.6	ng/ul	391889	1	7.81	255682	20.0
Benzofuran, 7-met...	9.28	5.5	ng/ul	105423	2	10.60	381628	20.0
2,4-Dimethylstyrene	10.00	2.4	ng/ul	46095	2	10.60	381628	20.0
Naphthalene, 1-me...	12.48	23.8	ng/ul	453422	2	10.60	381628	20.0
Naphthalene, 2,3-...	13.76	2.5	ng/ul	65629	3	14.44	514547	20.0
2-Naphthalenecarb...	14.57	2.9	ng/ul	75202	3	14.44	514547	20.0