LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

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-BM050516.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	5.434	461	467	478	rVB	68320	142319	1.23%	0.180%
2	6.945	716	724	729	rVV2	81787	169077	1.46%	0.214%
3	6.998	729	733	739	rVB	96257	137905	1.19%	0.175%
4	7.110	745	752	758	rBV	317334	509416	4.40%	0.646%
5	7.304	779	785	795	rBV	313074	518541	4.48%	0.657%
6	7.422	798	805	812	rVV	209052	335246	2.90%	0.425%
7	7.498	812	818	827	rVB	89092	154145	1.33%	0.195%
8	7.775	857	865	872	rBV	354803	593228	5.12%	0.752%
9	8.145	920	928	936	rBV	643180	1059955	9.15%	1.343%
10	8.304	949	955	965	rVB	987000	1655700	14.30%	2.098%
11	8.475	979	984	993	rBV	260040	430299	3.72%	0.545%
12	8.933	1056	1062	1071	rVB2	410606	777738	6.72%	0.986%
13	9.122	1088	1094	1102	rVB	71685	115814	1.00%	0.147%
14	9.245	1102	1115	1121	rBV	142104	307891	2.66%	0.390%
15	9.651	1177	1184	1196	rVB	353837	599809	5.18%	0.760%
16	9.810	1206	1211	1220	rVB	98352	155606	1.34%	0.197%
17	9.963	1230	1237	1248	rBV3	143714	372558	3.22%	0.472%
18	10.186	1269	1275	1285	rBV2	550332	987233	8.53%	1.251%
19	10.569	1330	1340	1342	rBV	487471	897039	7.75%	1.137%
20	10.633	1342	1351	1357	rVV	4855311	11579404	100.00%	14.676%
21	10.733	1361	1368	1377	rVB	534331	912634	7.88%	1.157%
22	12.121	1598	1604	1613	rBV	80894	138061	1.19%	0.175%
23	12.233	1613	1623	1629	rBV	3313970	5935116	51.26%	7.522%
24	12.345	1636	1642	1648	rVV	96977	166371	1.44%	0.211%
25	12.451	1648	1660	1668	rVB	2061972	3496881	30.20%	4.432%
26	13.245	1784	1795	1801	rBV	873279	1353651	11.69%	1.716%
27	13.439	1822	1828	1838	rVB	236412	414236	3.58%	0.525%
28	13.586	1841	1853	1861	rBV2	291090	757040	6.54%	0.959%
29	13.733	1870	1878	1883	rBV	394472	725924	6.27%	0.920%
30	13.786	1883	1887	1889	rVV	266606	371970	3.21%	0.471%
31	13.827	1889	1894	1906	rVB	1024223	1540478	13.30%	1.952%
32	13.968	1912	1918	1922	rBV	154959	237696	2.05%	0.301%
33	14.110	1935	1942	1958	rVB	1142092	2082660	17.99%	2.640%
34	14.415	1983	1994	1999	rBV3	908384	1615514	13.95%	2.048%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

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-BM050516.M
Title : SVOA CALIBRATION

35	14.486	1999	2006	2012	rVV	2829898	4637131	40.05%	5.877%
36	14.551	2012	2017	2023	rVB	151164	226219	1.95%	0.287%
37	14.627	2023	2030	2038	rBV3	92211	179814	1.55%	0.228%
38	14.727	2039	2047	2051	rVB	80073	126364	1.09%	0.160%
39	14.815	2056	2062	2071	rVB	1834785	2842948	24.55%	3.603%
40	15.409	2153	2163	2168	rBV	1492944	2289299	19.77%	2.901%
41	15.468	2168	2173	2180	rVB	1939514	2822345	24.37%	3.577%
42	15.539	2180	2185	2191	rBV	550102	858285	7.41%	1.088%
43	15.627	2196	2200	2205	rVB2	141083	194930	1.68%	0.247%
44	15.757	2218	2222	2230	rVB	149000	212985	1.84%	0.270%
45	15.904	2242	2247	2256	rVB	163182	317428	2.74%	0.402%
46	16.468	2331	2343	2348	rBV	76263	170590	1.47%	0.216%
47	16.980	2422	2430	2440	rVB	279556	400633	3.46%	0.508%
48	17.162	2455	2461	2465	rBV	1173117	1905414	16.46%	2.415%
49	17.209	2465	2469	2474	rVB	2701294	3938320	34.01%	4.991%
50	17.262	2474	2478	2483	rBV2	1726180	2509580	21.67%	3.181%
51	17.568	2520	2530	2537	rBV	629947	920019	7.95%	1.166%
52	18.086	2614	2618	2622	rVV	164833	233518	2.02%	0.296%
53	18.239	2637	2644	2648	rBV	222270	356717	3.08%	0.452%
54	19.221	2797	2811	2816	rBV	480657	704144	6.08%	0.892%
55	19.562	2863	2869	2883	rBV2	2191088	3466671	29.94%	4.394%
56	19.968	2933	2938	2945	rVB	109051	145804	1.26%	0.185%
57	21.074	3121	3126	3132	rVB	97388	130211	1.12%	0.165%
58	21.350	3168	3173	3185	rBV	1713630	2393255	20.67%	3.033%
59	23.485	3527	3536	3549	rBV2	1578905	3129074	27.02%	3.966%
60	23.627	3552	3560	3574	rVB2	1114164	2231882	19.27%	2.829%
61	24.132	3641	3646	3654	rVB	81034	153920	1.33%	0.195%
62	24.885	3769	3774	3782	rVB	74727	156895	1.35%	0.199%

Sum of corrected areas: 78901550

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
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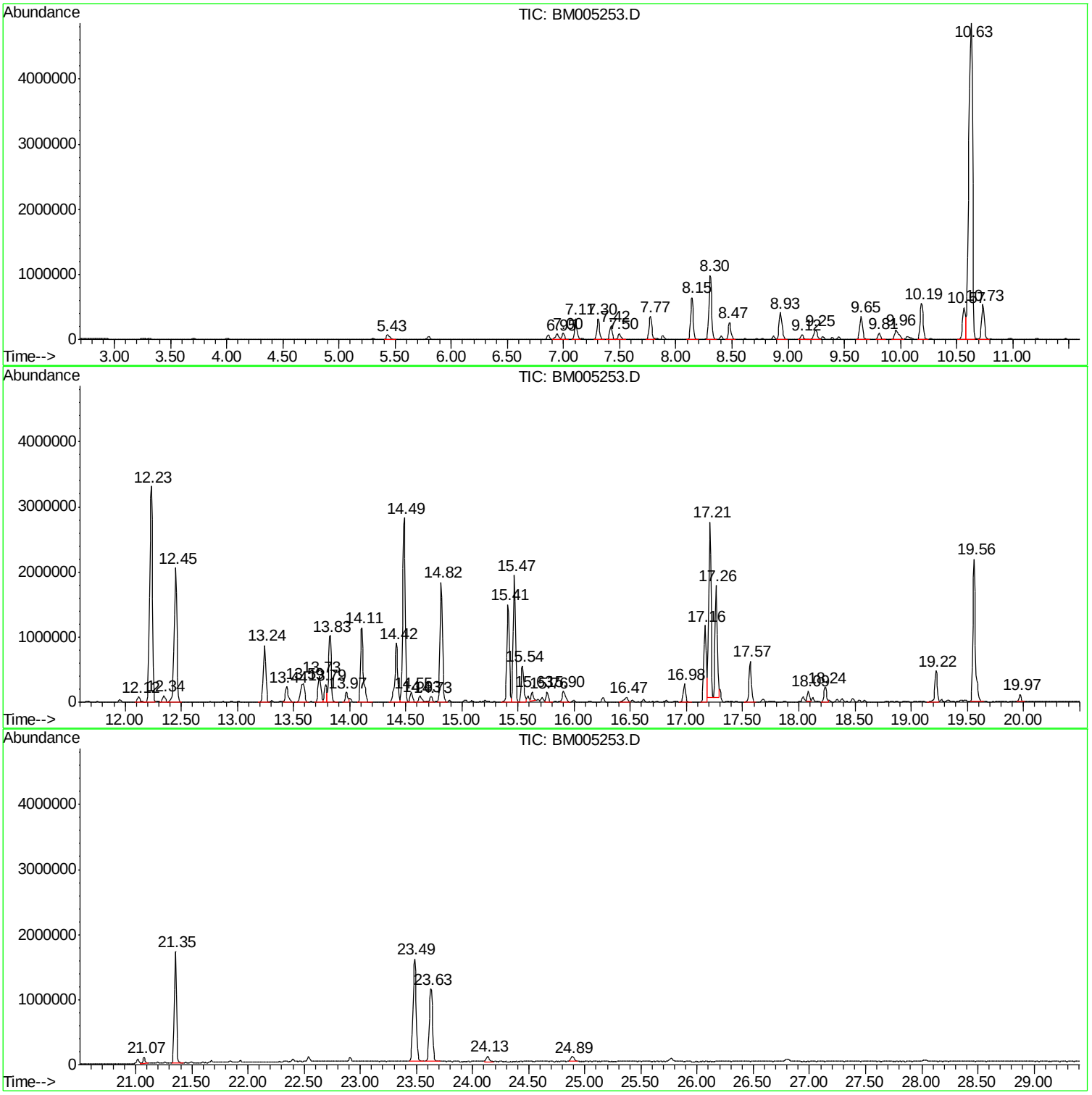
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

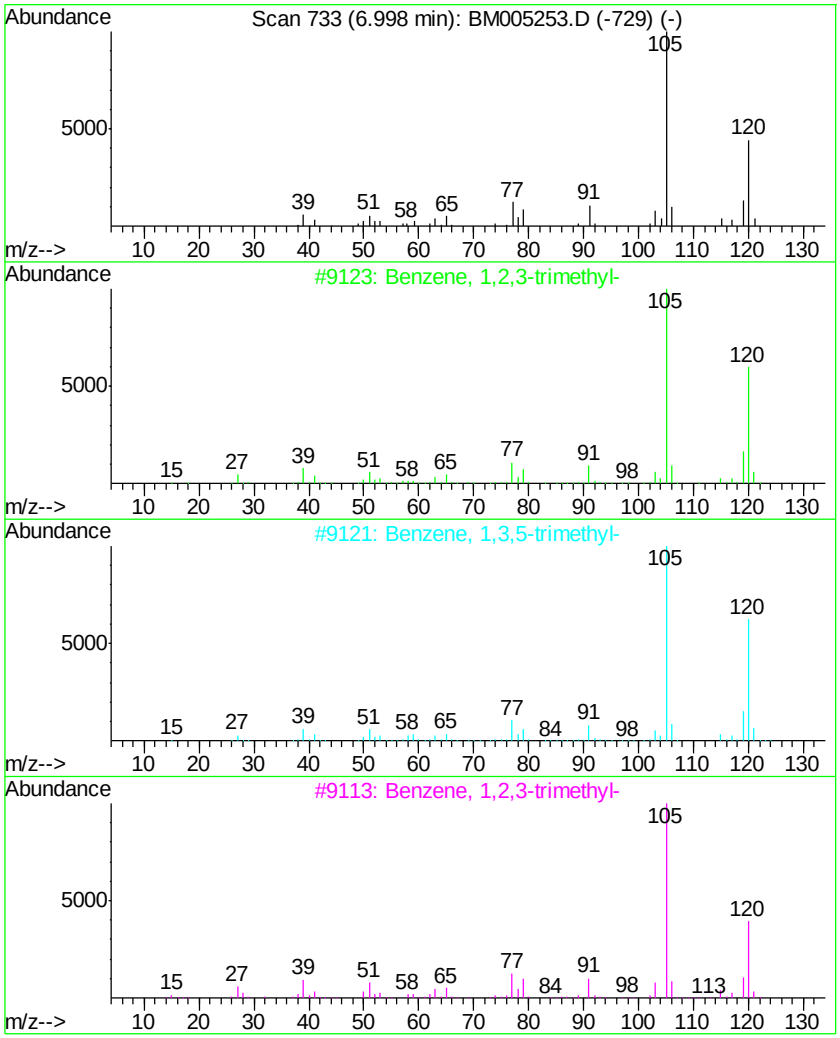
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

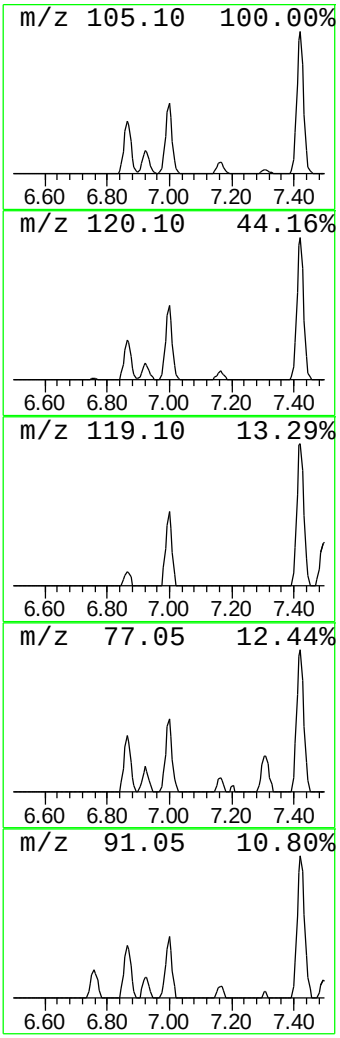
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	4.65 ng/ul	137905	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

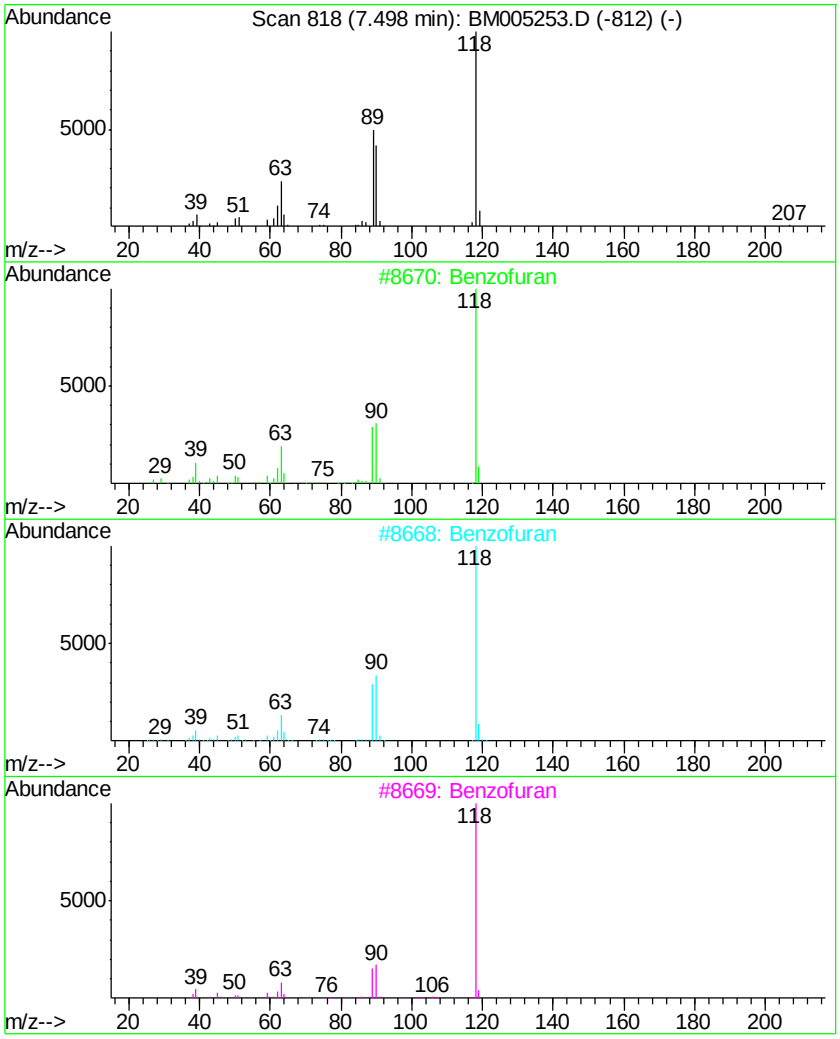
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

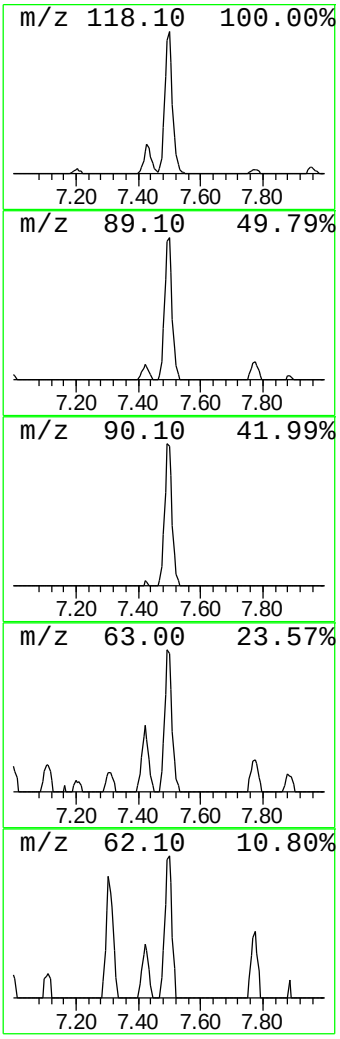
****

Peak Number 4 Benzofuran Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	5.20 ng/ul	154145	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	87
4	4-Methylphthalic anhydride	162	C9H6O3	001938-61-0	83
5	2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

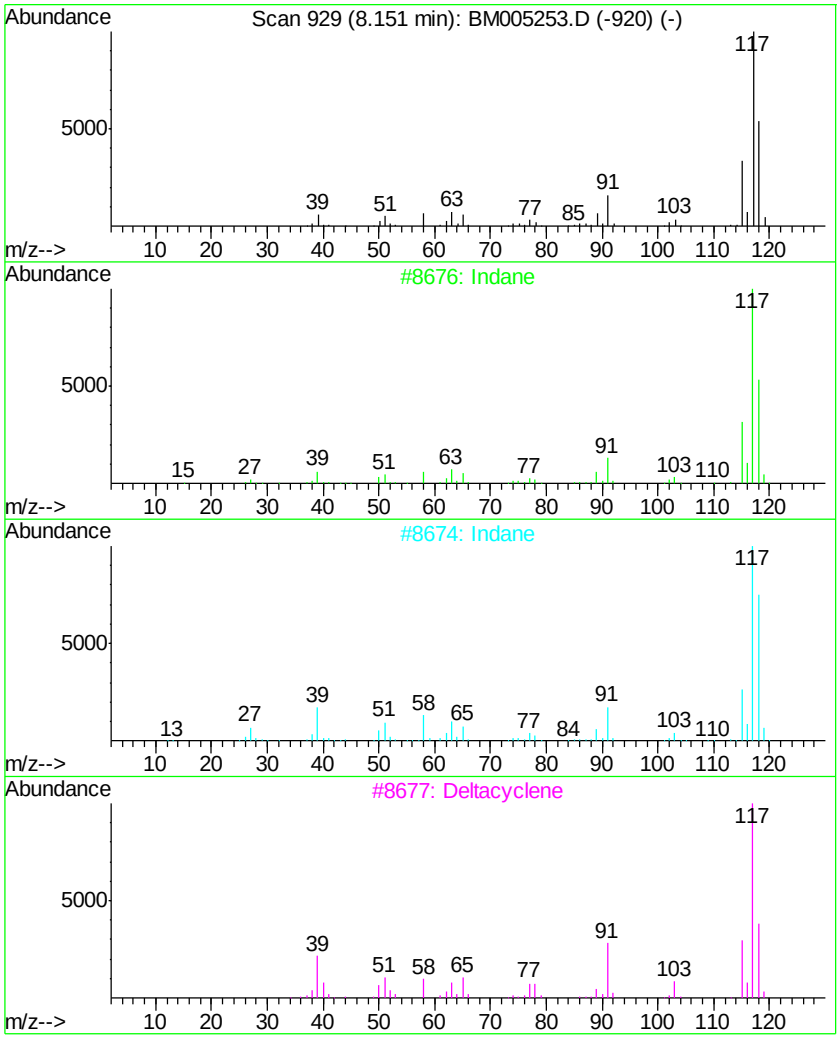
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

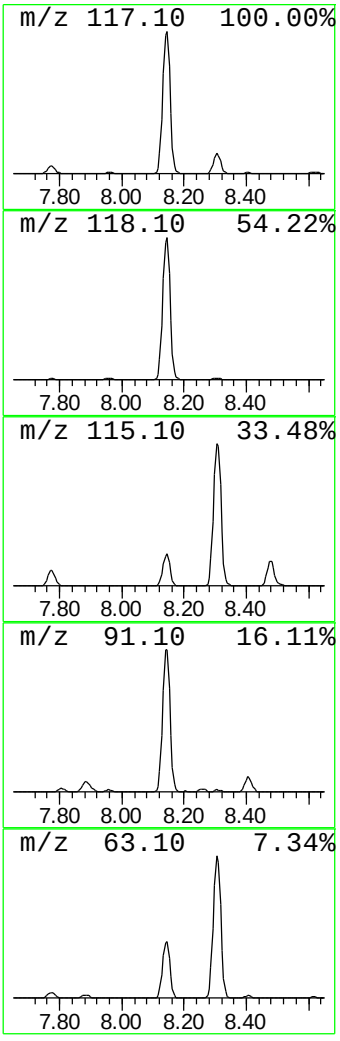
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	35.74 ng/ul	1059960	1,4-Dichlorobenzene-d4	7.77

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	Deltacyclene	118	C9H10	007785-10-6	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Indane	118	C9H10	000496-11-7	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

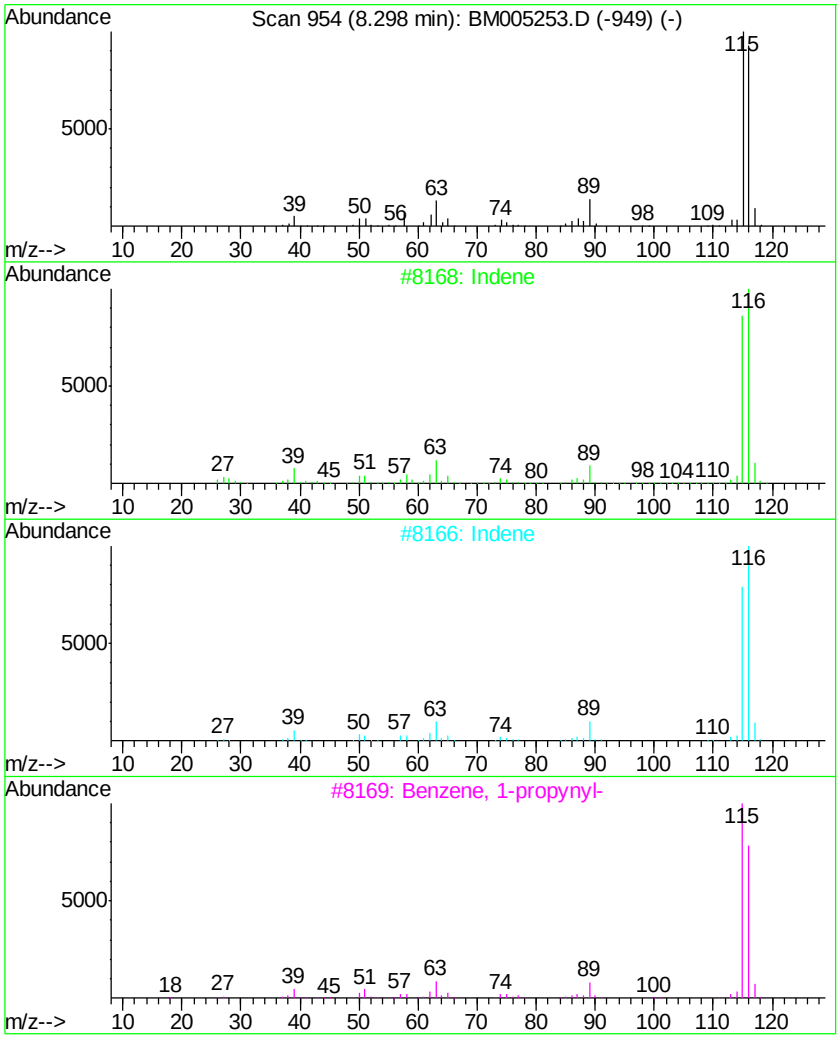
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

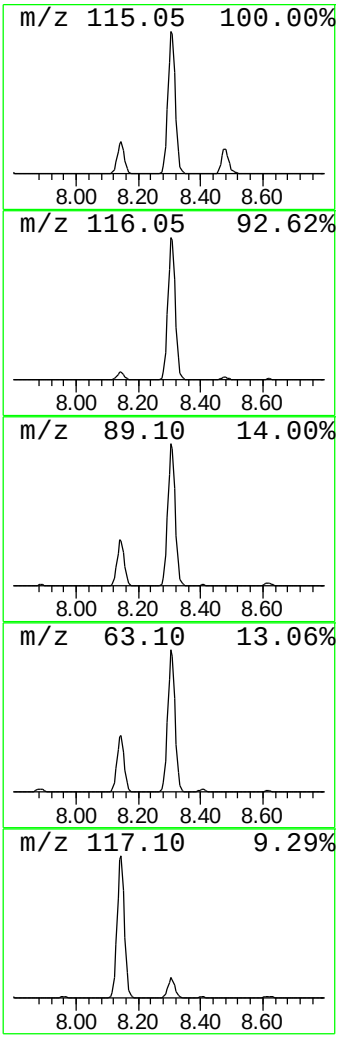
****

Peak Number 6 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	55.82 ng/ul	1655700	1,4-Dichlorobenzene-d4	7.77

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

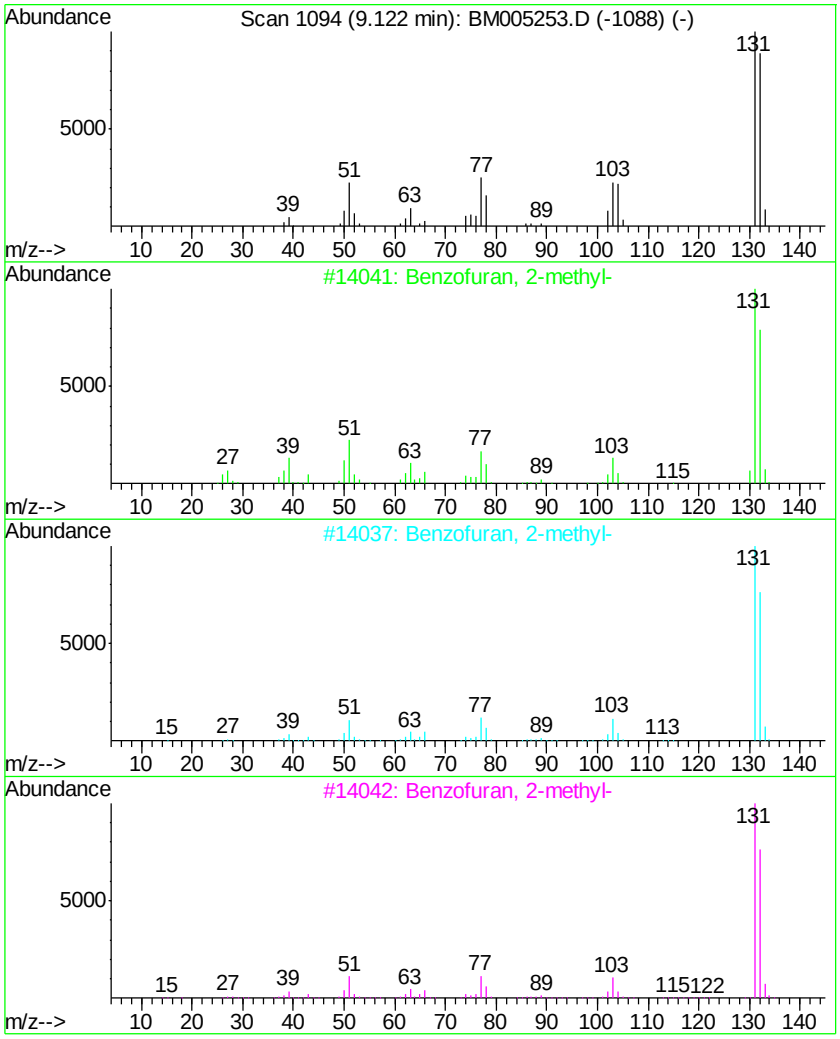
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

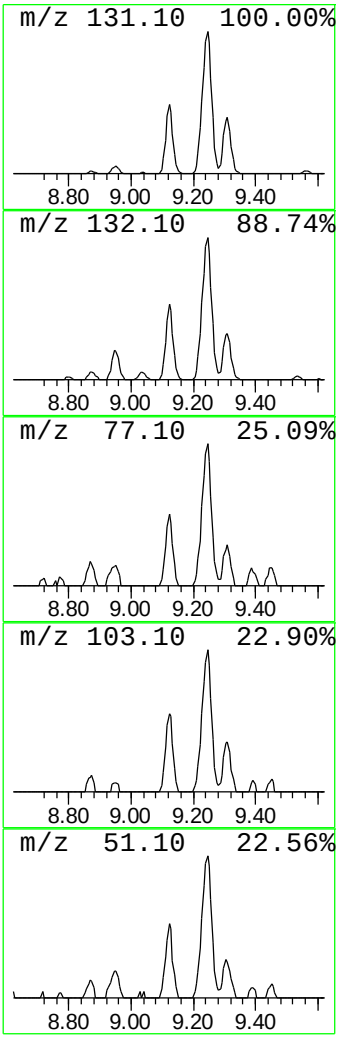
****

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	3.90 ng/ul	115814	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

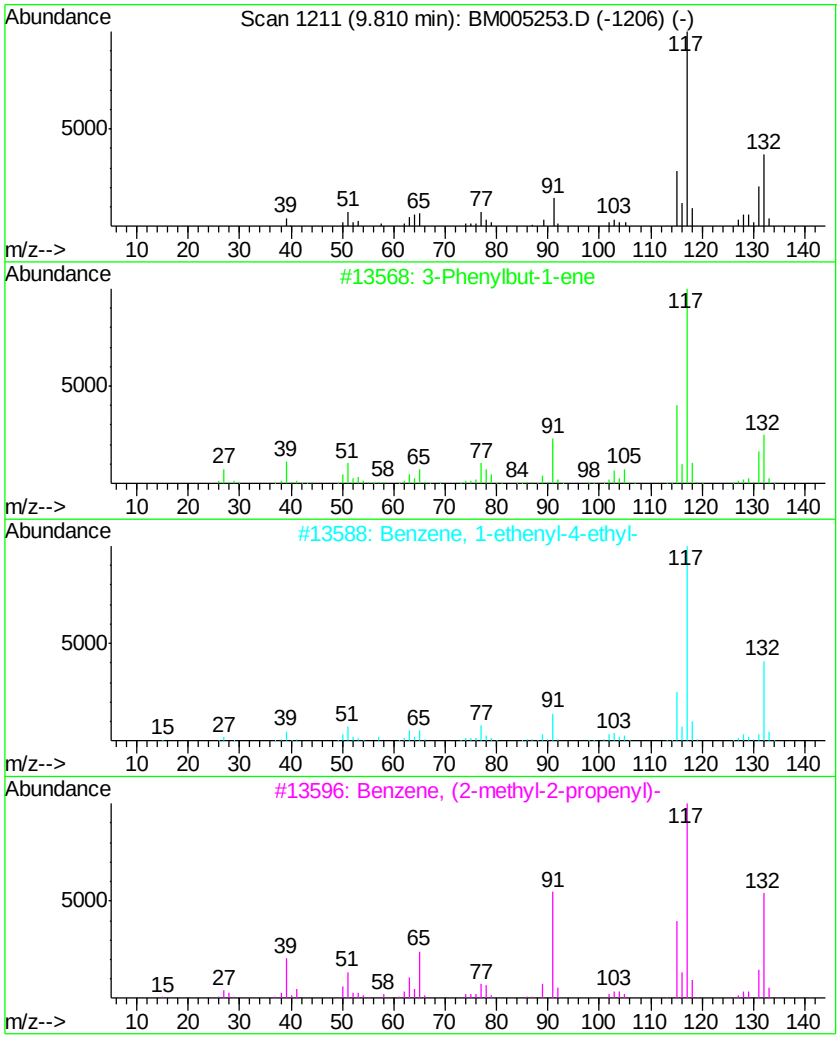
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

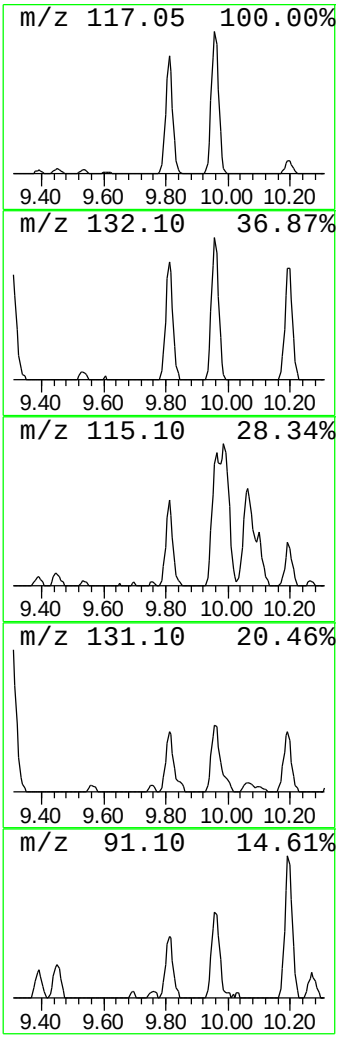
****

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.47 ng/ul	155606	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

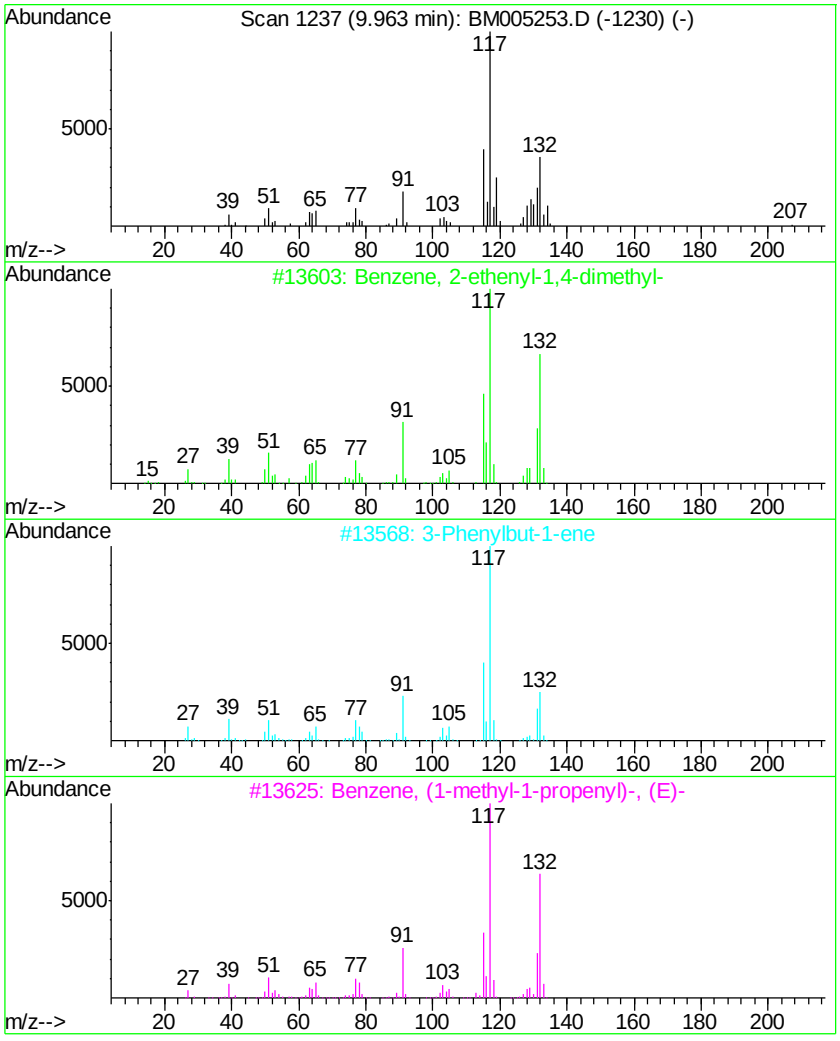
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

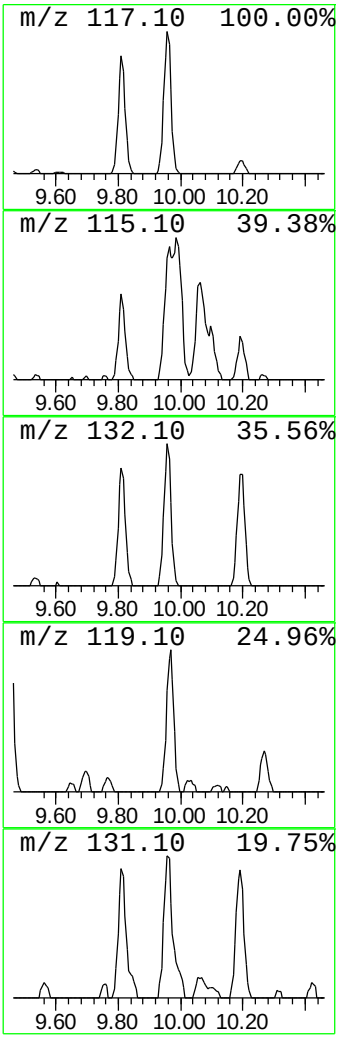
****

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	8.31 ng/ul	372558	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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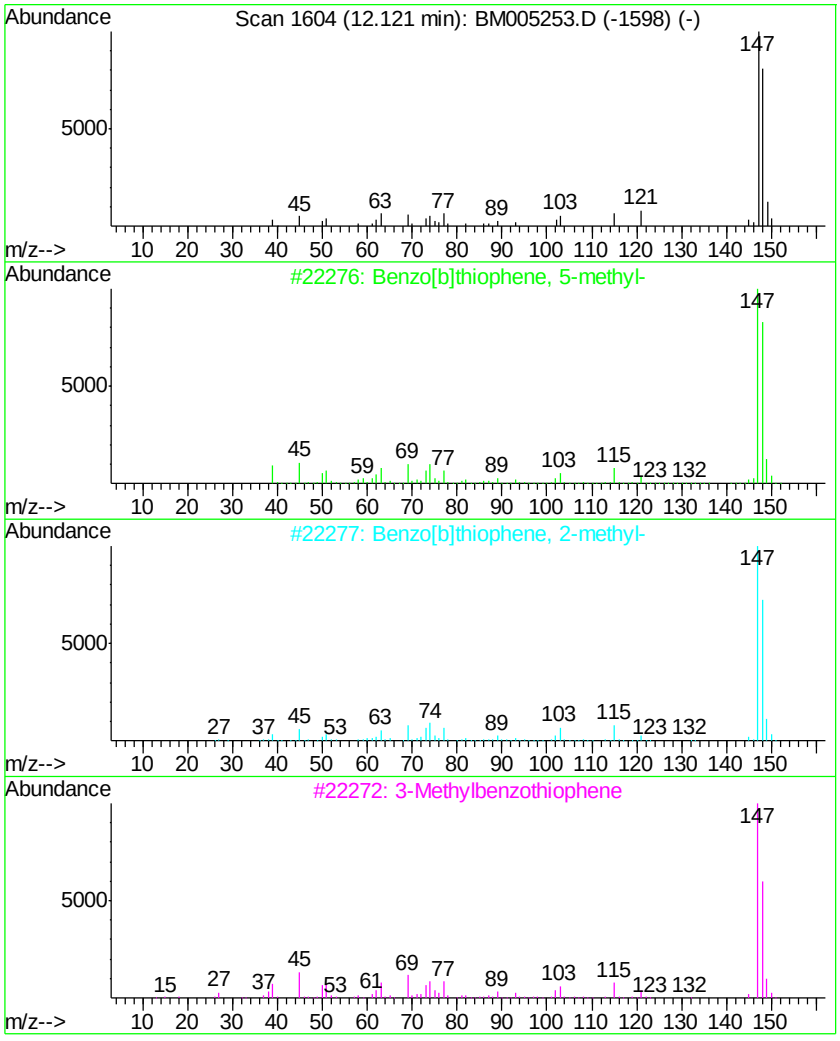
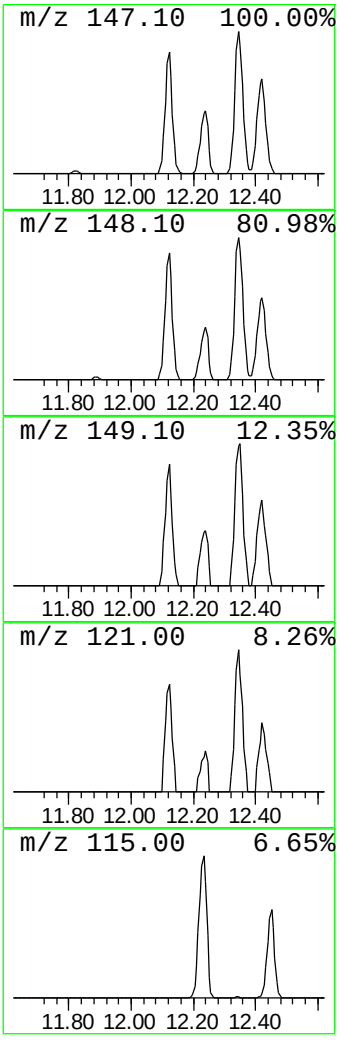
Peak Number 11 Benzo[b]thiophene, 5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.08 ng/ul	138061	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

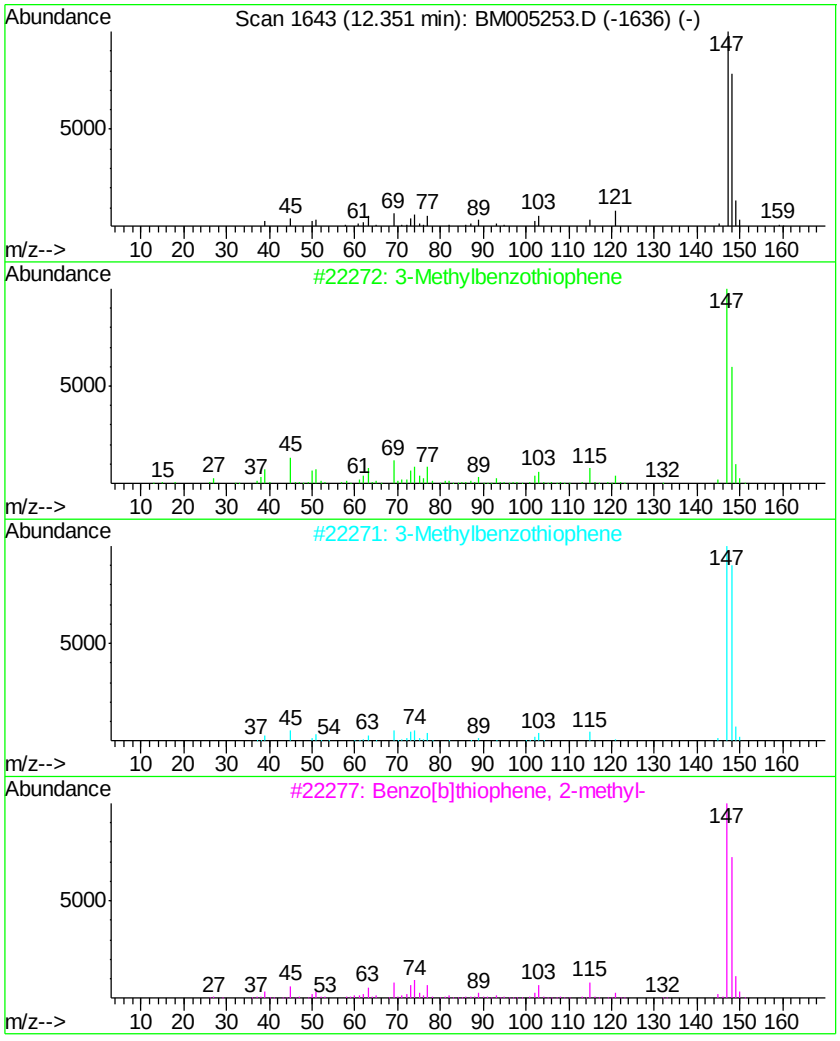
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

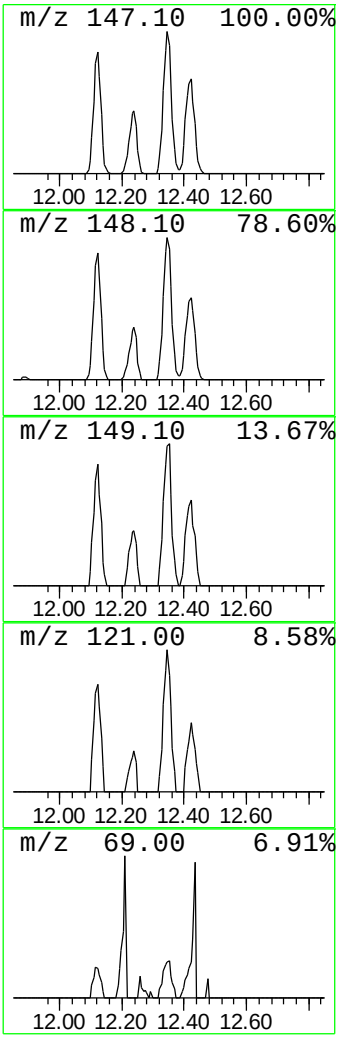
****

Peak Number 12 3-Methylbenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	3.71 ng/ul	166371	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87





Library Search Compound Report

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Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

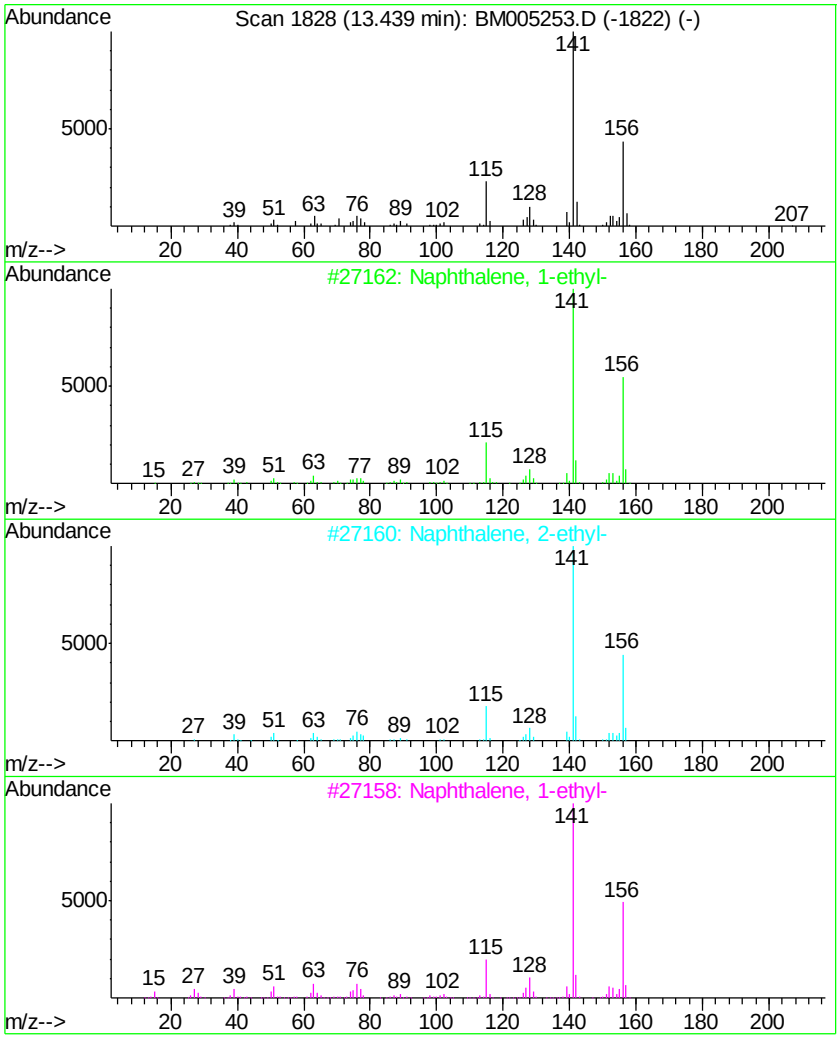
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

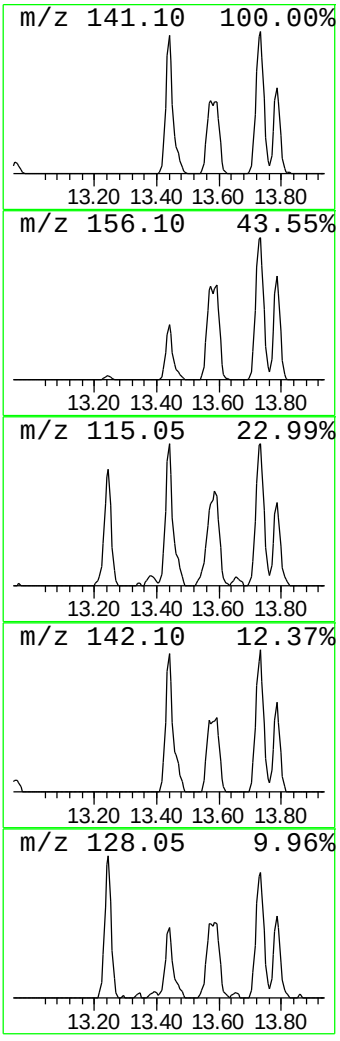
****

Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	5.13 ng/ul	414236	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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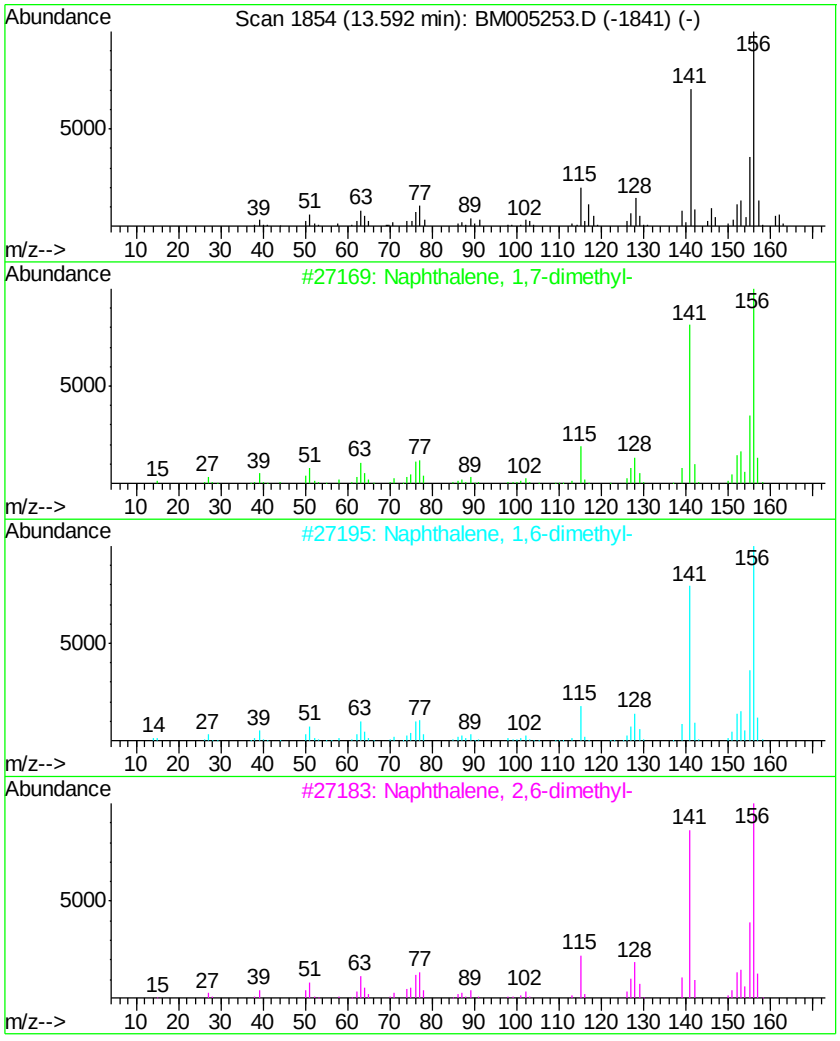
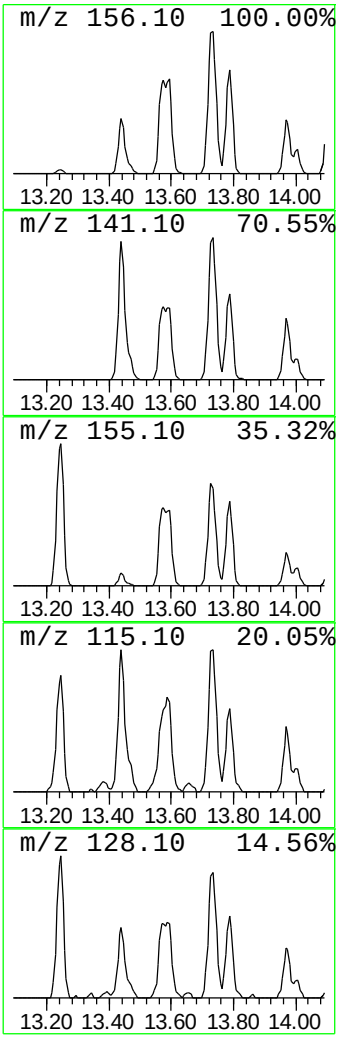
Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	9.37 ng/ul	757040	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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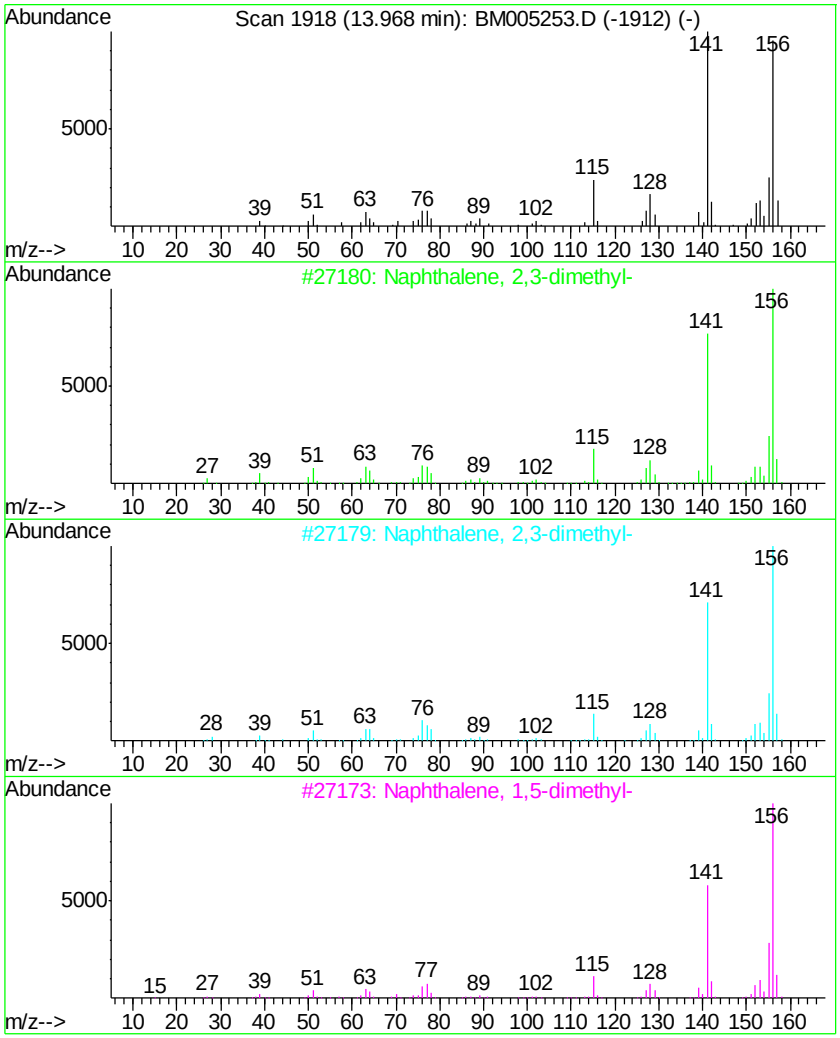
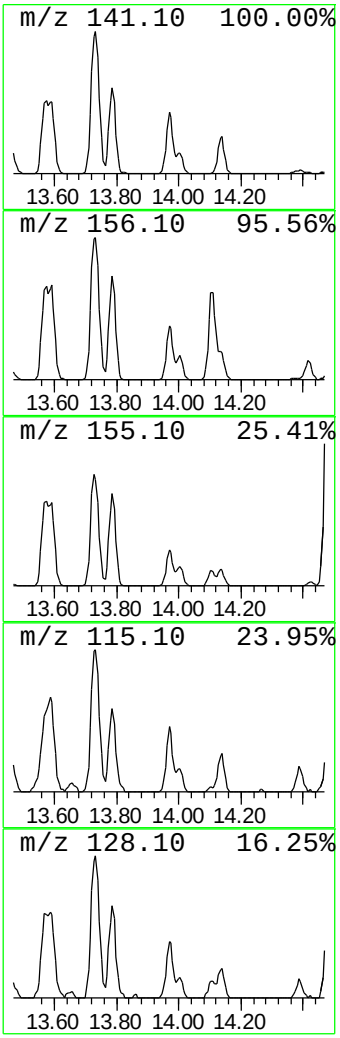
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.94 ng/ul	237696	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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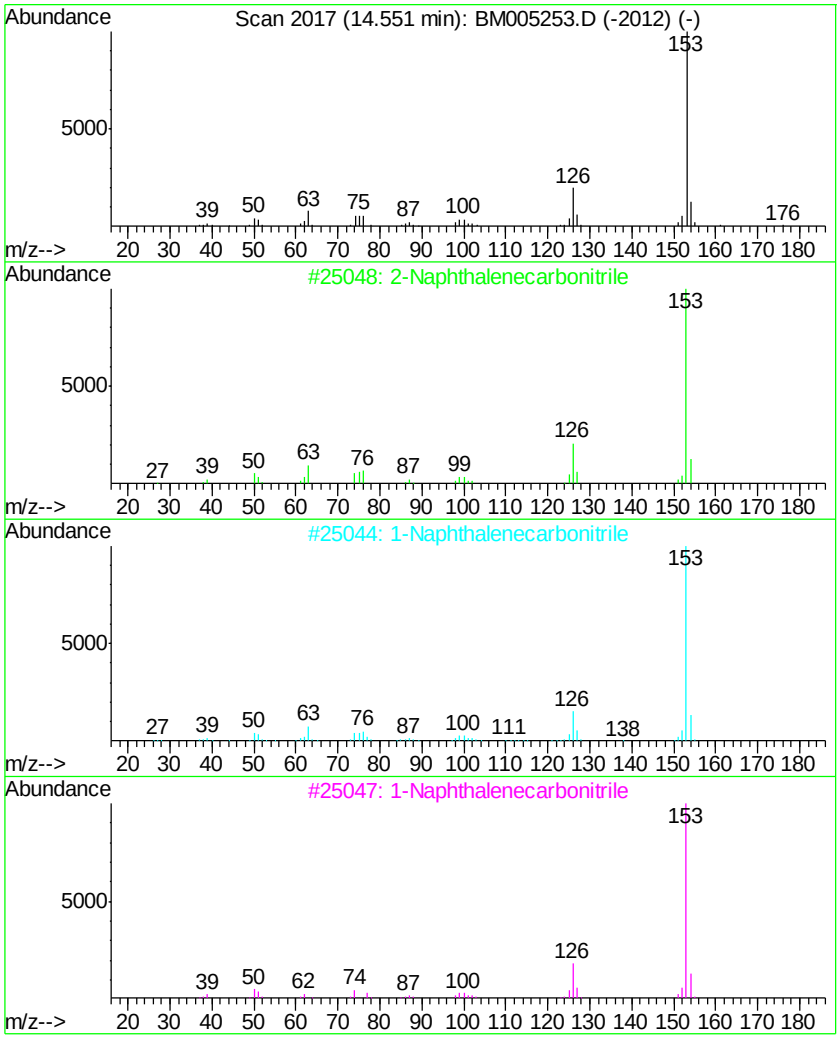
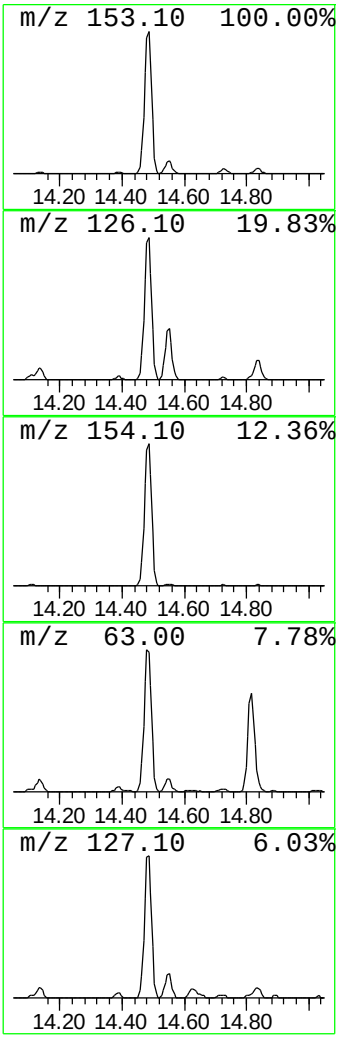
Peak Number 18 2-Naphthalenecarbonitrile Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.80 ng/ul	226219	Acenaphthene-d10	14.42

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	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	93
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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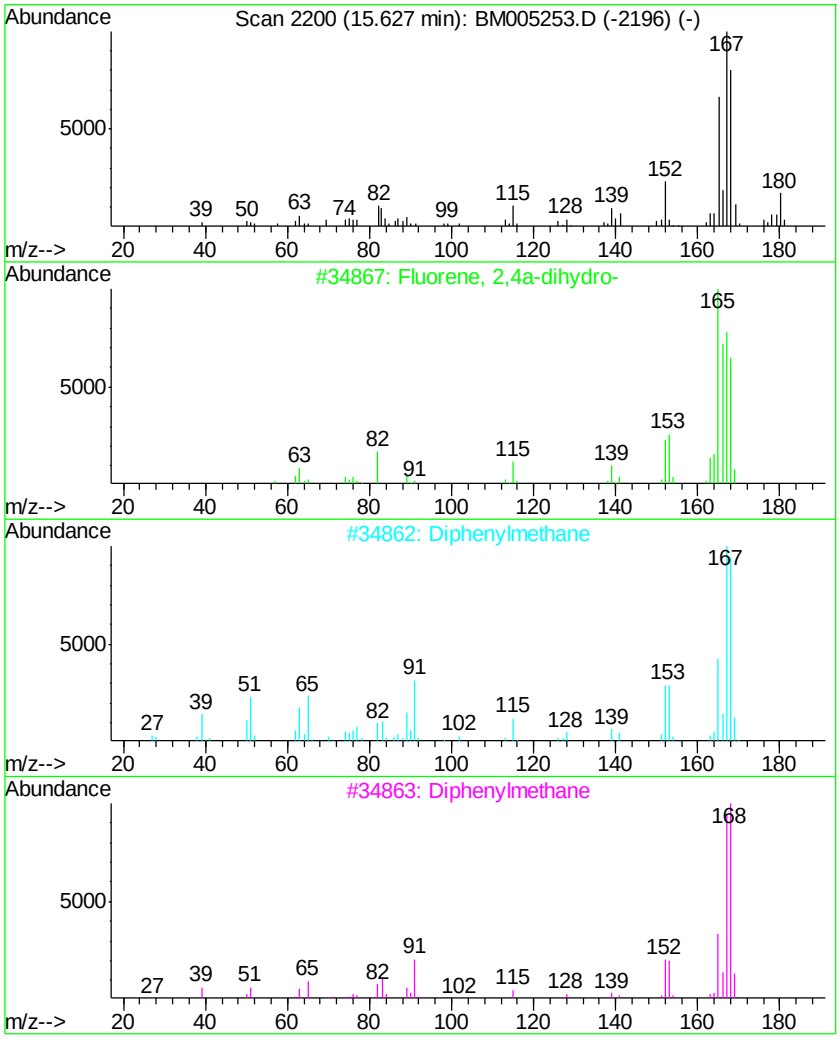
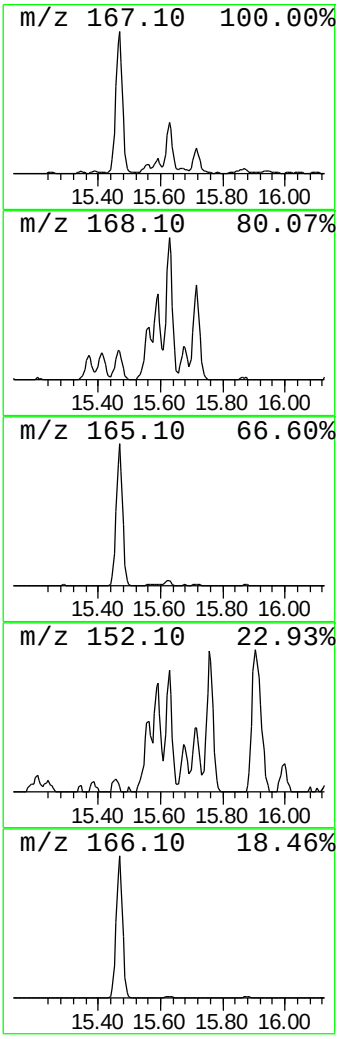
Peak Number 19 Fluorene, 2,4a-dihydro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.41 ng/ul	194930	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	89
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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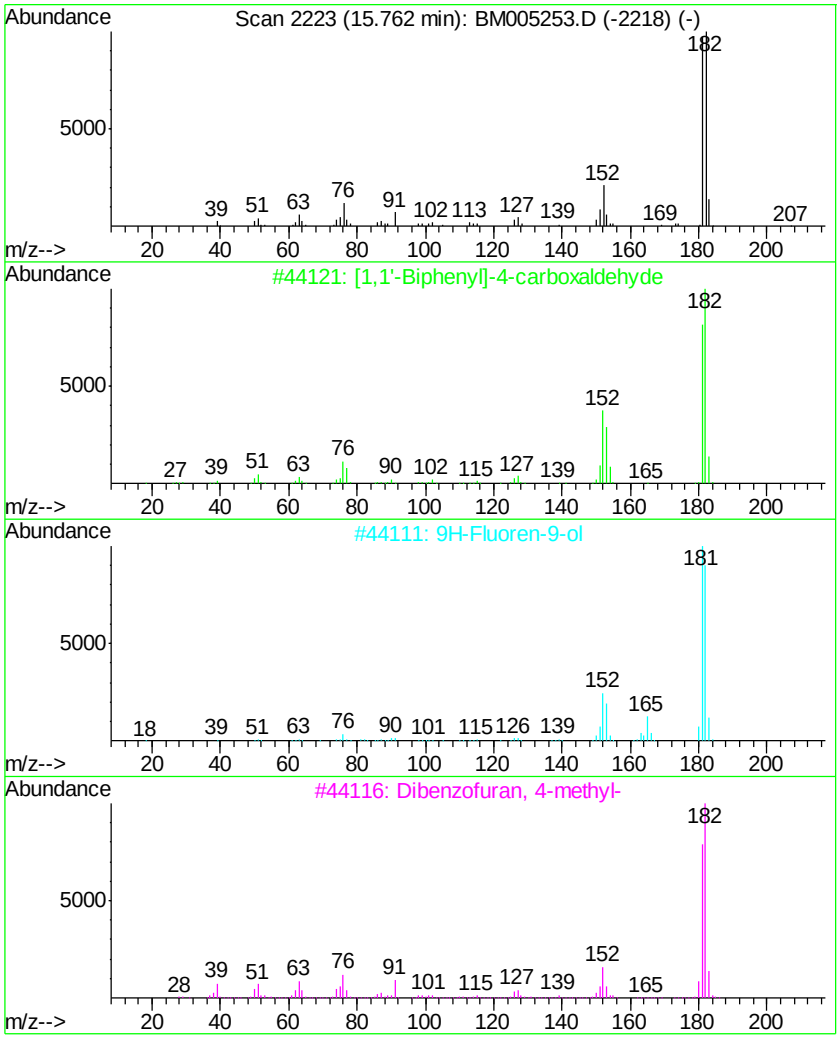
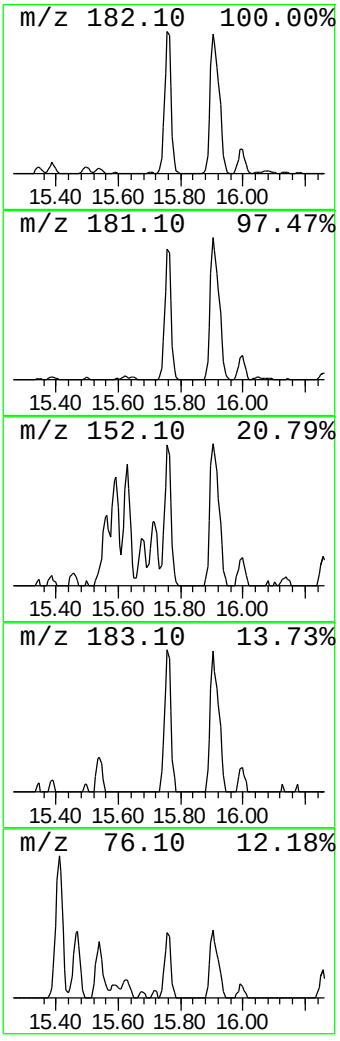
Peak Number 20 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.64 ng/ul	212985	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
4	9H-Xanthene	182	C13H10O	000092-83-1	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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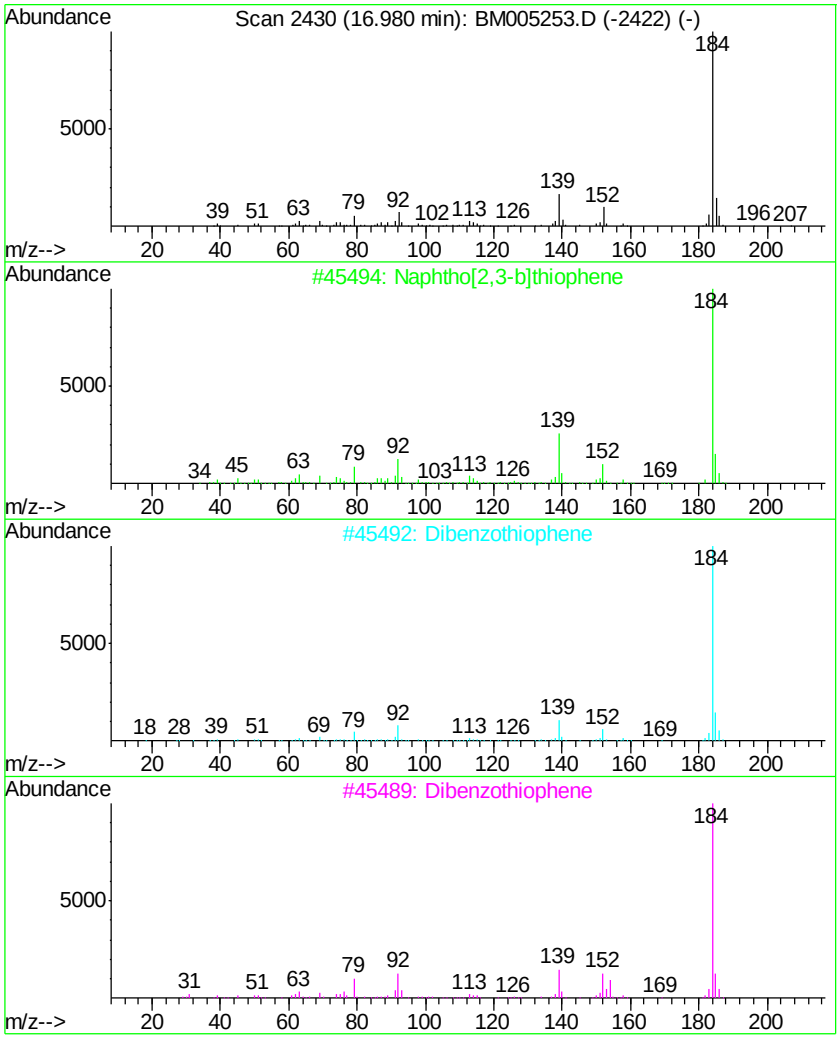
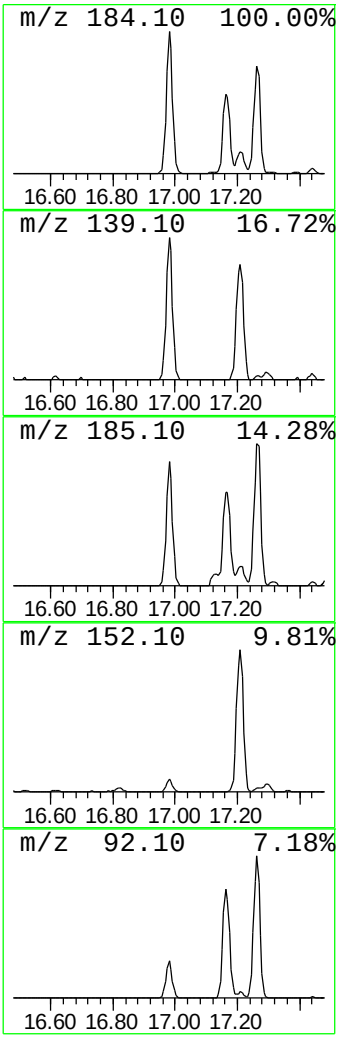
Peak Number 22 Naphtho[2,3-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	4.21 ng/ul	400633	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

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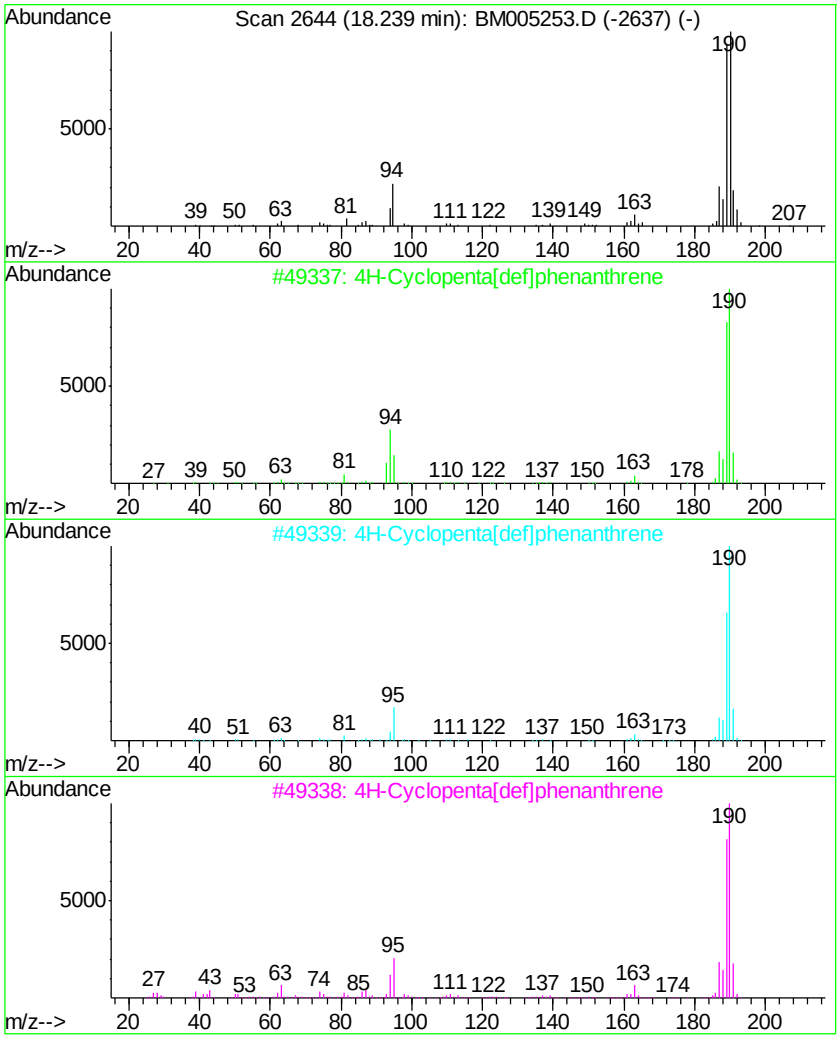
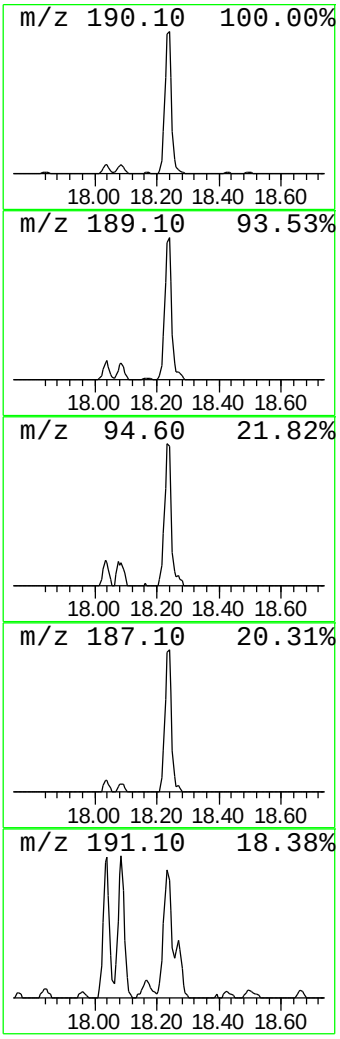
Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	3.74 ng/ul	356717	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	74
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005253.D
Acq On : 06 May 2016 02:22
Operator : UM/SJ
Sample : H2813-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.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
Benzene, 1,2,3-tr...	7.00	4.7	ng/ul	137905	1	7.77	593228	20.0
Benzofuran	7.50	5.2	ng/ul	154145	1	7.77	593228	20.0
Indane	8.15	35.7	ng/ul	1059960	1	7.77	593228	20.0
Indene	8.30	55.8	ng/ul	1655700	1	7.77	593228	20.0
Benzofuran, 2-met...	9.12	3.9	ng/ul	115814	1	7.77	593228	20.0
3-Phenylbut-1-ene	9.81	3.5	ng/ul	155606	2	10.57	897039	20.0
Benzene, 2-etheny...	9.96	8.3	ng/ul	372558	2	10.57	897039	20.0
Benzo[b]thiophene...	12.12	3.1	ng/ul	138061	2	10.57	897039	20.0
3-Methylbenzothio...	12.35	3.7	ng/ul	166371	2	10.57	897039	20.0
Naphthalene, 1-et...	13.44	5.1	ng/ul	414236	3	14.42	1615510	20.0
Naphthalene, 1,7-...	13.59	9.4	ng/ul	757040	3	14.42	1615510	20.0
Naphthalene, 2,3-...	13.97	2.9	ng/ul	237696	3	14.42	1615510	20.0
2-Naphthalenecarb...	14.55	2.8	ng/ul	226219	3	14.42	1615510	20.0
Fluorene, 2,4a-di...	15.63	2.4	ng/ul	194930	3	14.42	1615510	20.0
[1,1'-Biphenyl]-4...	15.76	2.6	ng/ul	212985	3	14.42	1615510	20.0
Naphtho[2,3-b]thi...	16.98	4.2	ng/ul	400633	4	17.16	1905410	20.0
4H-Cyclopenta[def...	18.24	3.7	ng/ul	356717	4	17.16	1905410	20.0