LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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	rBV	112219	239666	1.48%	0.202%
2	5.798	522	529	537	rVB	106106	172642	1.07%	0.146%
3	6.945	716	724	729	rVV2	77884	174546	1.08%	0.147%
4	6.998	729	733	740	rVB	120838	176004	1.09%	0.148%
5	7.110	746	752	758	rBV	288398	448250	2.77%	0.378%
6	7.310	777	786	795	rBV	287958	468405	2.89%	0.395%
7	7.422	799	805	812	rVV	253822	394679	2.44%	0.333%
8	7.498	812	818	826	rVB	232133	387014	2.39%	0.326%
9	7.775	856	865	878	rBV	339342	565365	3.49%	0.477%
10	8.145	920	928	937	rBV	683296	1093114	6.75%	0.922%
11	8.310	949	956	967	rVB	1427895	2430420	15.01%	2.050%
12	8.481	979	985	995	rVB	243494	409104	2.53%	0.345%
13	8.933	1056	1062	1074	rVB2	389153	776599	4.80%	0.655%
14	9.122	1087	1094	1103	rBV	440704	711080	4.39%	0.600%
15	9.245	1103	1115	1121	rVV	324536	794166	4.91%	0.670%
16	9.310	1121	1126	1134	rVV	182721	298209	1.84%	0.252%
17	9.651	1177	1184	1190	rBV	318260	519980	3.21%	0.439%
18	9.810	1206	1211	1223	rVB	133221	230918	1.43%	0.195%
19	9.963	1231	1237	1248	rBV3	220319	555812	3.43%	0.469%
20	10.192	1269	1276	1285	rVB2	549612	959339	5.93%	0.809%
21	10.569	1331	1340	1342	rBV	432491	776327	4.80%	0.655%
22	10.645	1342	1353	1358	rVV	5876672	16189605	100.00%	13.655%
23	10.739	1361	1369	1377	rVV	1891454	3304665	20.41%	2.787%
24	11.674	1520	1528	1538	rBV2	172322	370333	2.29%	0.312%
25	11.951	1570	1575	1584	rVB	112024	188993	1.17%	0.159%
26	12.121	1598	1604	1613	rVB	259504	426184	2.63%	0.359%
27	12.233	1613	1623	1630	rBV	3708265	7209367	44.53%	6.081%
28	12.345	1636	1642	1648	rBV	150264	268284	1.66%	0.226%
29	12.457	1648	1661	1669	rVB	2812973	5200426	32.12%	4.386%
30	13.245	1786	1795	1808	rBV	1668800	2549857	15.75%	2.151%
31	13.439	1822	1828	1839	rVB	405152	764314	4.72%	0.645%
32	13.586	1841	1853	1861	rBV2	524996	1441156	8.90%	1.216%
33	13.733	1871	1878	1883	rBV	769859	1398067	8.64%	1.179%
34	13.786	1883	1887	1890	rVV	499436	755561	4.67%	0.637%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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	13.827	1890	1894	1900	rVB	935617	1327864	8.20%	1.120%
36	13.968	1912	1918	1922	rBV	295267	474501	2.93%	0.400%
37	14.110	1935	1942	1945	rBV	1052356	1720205	10.63%	1.451%
38	14.415	1984	1994	2000	rBV3	851714	1777479	10.98%	1.499%
39	14.486	2000	2006	2013	rVV	3675297	6443543	39.80%	5.435%
40	14.551	2013	2017	2023	rVB	208311	299827	1.85%	0.253%
41	14.633	2023	2031	2038	rBV2	100174	217810	1.35%	0.184%
42	14.727	2038	2047	2051	rBV	158088	249675	1.54%	0.211%
43	14.821	2056	2063	2070	rVV	3166226	5177390	31.98%	4.367%
44	15.033	2089	2099	2104	rBV2	82882	177024	1.09%	0.149%
45	15.410	2147	2163	2168	rBV	1324720	2251983	13.91%	1.899%
46	15.474	2168	2174	2181	rVV	2956422	5202410	32.13%	4.388%
47	15.539	2181	2185	2191	rVV2	505726	910903	5.63%	0.768%
48	15.592	2191	2194	2197	rVV3	194344	294498	1.82%	0.248%
49	15.627	2197	2200	2205	rVV2	304524	460627	2.85%	0.389%
50	15.715	2212	2215	2218	rVV	160272	210761	1.30%	0.178%
51	15.762	2218	2223	2231	rVB	357419	590580	3.65%	0.498%
52	15.904	2243	2247	2257	rVV	382791	789210	4.87%	0.666%
53	16.162	2276	2291	2301	rBV2	723033	1889683	11.67%	1.594%
54	16.256	2301	2307	2315	rBV2	101862	195712	1.21%	0.165%
55	16.351	2316	2323	2327	rBV	580823	900469	5.56%	0.759%
56	16.445	2334	2339	2341	rBV2	146090	218211	1.35%	0.184%
57	16.751	2373	2391	2397	rBV	388426	1301018	8.04%	1.097%
58	16.986	2425	2431	2438	rVB	543968	828237	5.12%	0.699%
59	17.074	2438	2446	2448	rBV	604130	1103101	6.81%	0.930%
60	17.168	2456	2462	2465	rBV	1011679	1658806	10.25%	1.399%
61	17.215	2465	2470	2475	rVV	4185379	7299636	45.09%	6.157%
62	17.268	2475	2479	2483	rVV2	1662161	2591695	16.01%	2.186%
63	17.298	2483	2484	2491	rVB	486543	479958	2.96%	0.405%
64	17.533	2516	2524	2526	rBV	210850	415948	2.57%	0.351%
65	17.574	2526	2531	2536	rVB	1074156	1564687	9.66%	1.320%
66	17.686	2543	2550	2556	rBV4	80467	173922	1.07%	0.147%
67	18.039	2605	2610	2614	rBV	210442	301568	1.86%	0.254%
68	18.086	2614	2618	2623	rVB	384048	518167	3.20%	0.437%
69	18.239	2637	2644	2648	rBV	534519	870209	5.38%	0.734%
70	18.956	2758	2766	2774	rBV6	62446	177101	1.09%	0.149%
71	19.227	2806	2812	2818	rVB	1458517	2092388	12.92%	1.765%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

72	19.486	2852	2856	2863	rVV2	90056	167758	1.04%	0.141%
73	19.562	2863	2869	2872	rVV2	1977063	3084695	19.05%	2.602%
74	19.592	2872	2874	2882	rVV	1004376	1198161	7.40%	1.011%
75	19.974	2934	2939	2945	rVB	230848	317306	1.96%	0.268%
76	21.356	3166	3174	3178	rBV	1752612	2590995	16.00%	2.185%
77	21.838	3252	3256	3263	rBV	125669	176825	1.09%	0.149%
78	22.544	3371	3376	3384	rVB	179301	252592	1.56%	0.213%
79	23.485	3528	3536	3552	rVB2	1408126	2786031	17.21%	2.350%
80	23.632	3553	3561	3576	rVB2	1083965	2183311	13.49%	1.841%

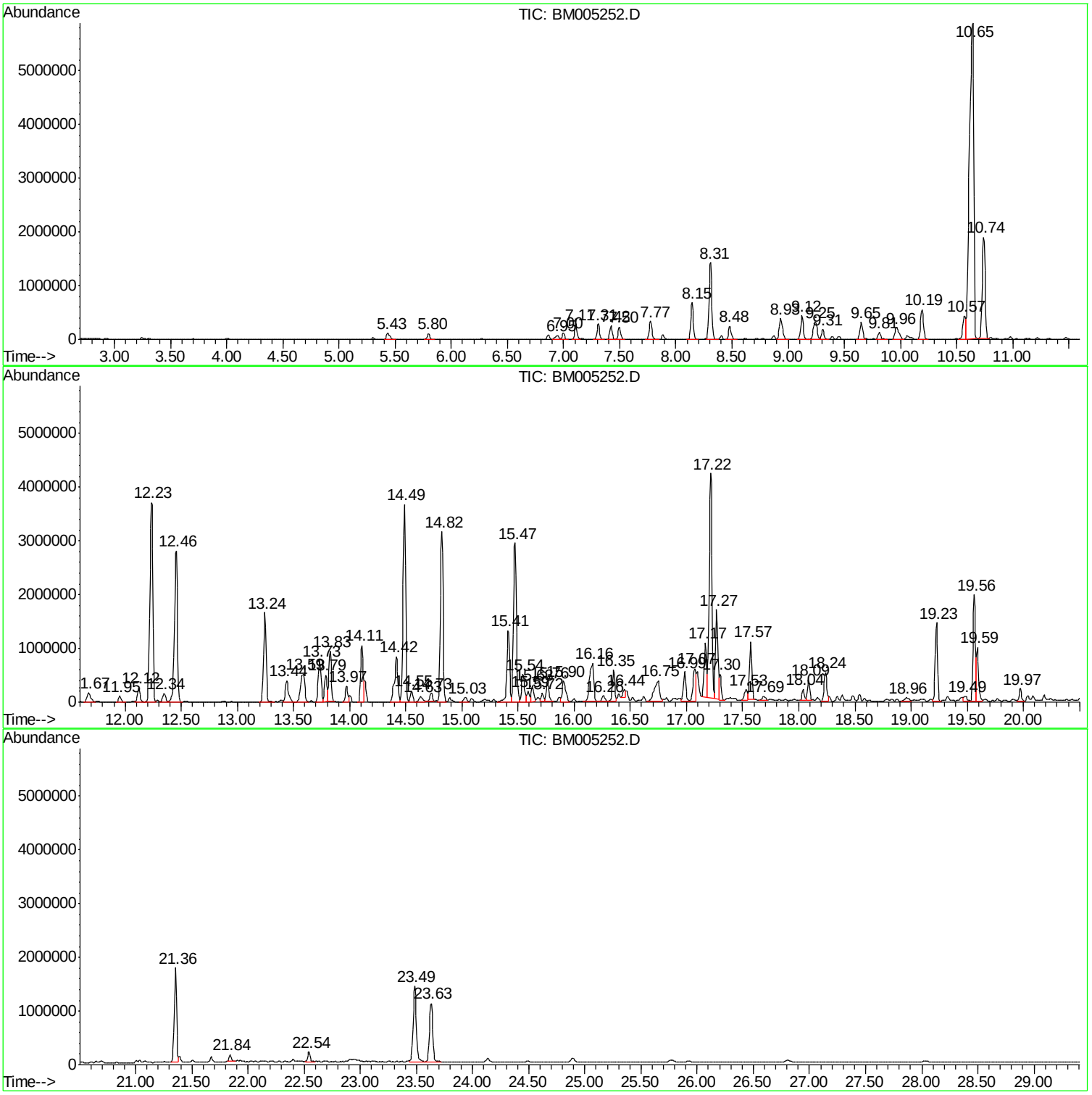
Sum of corrected areas: 118562931

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7S7

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

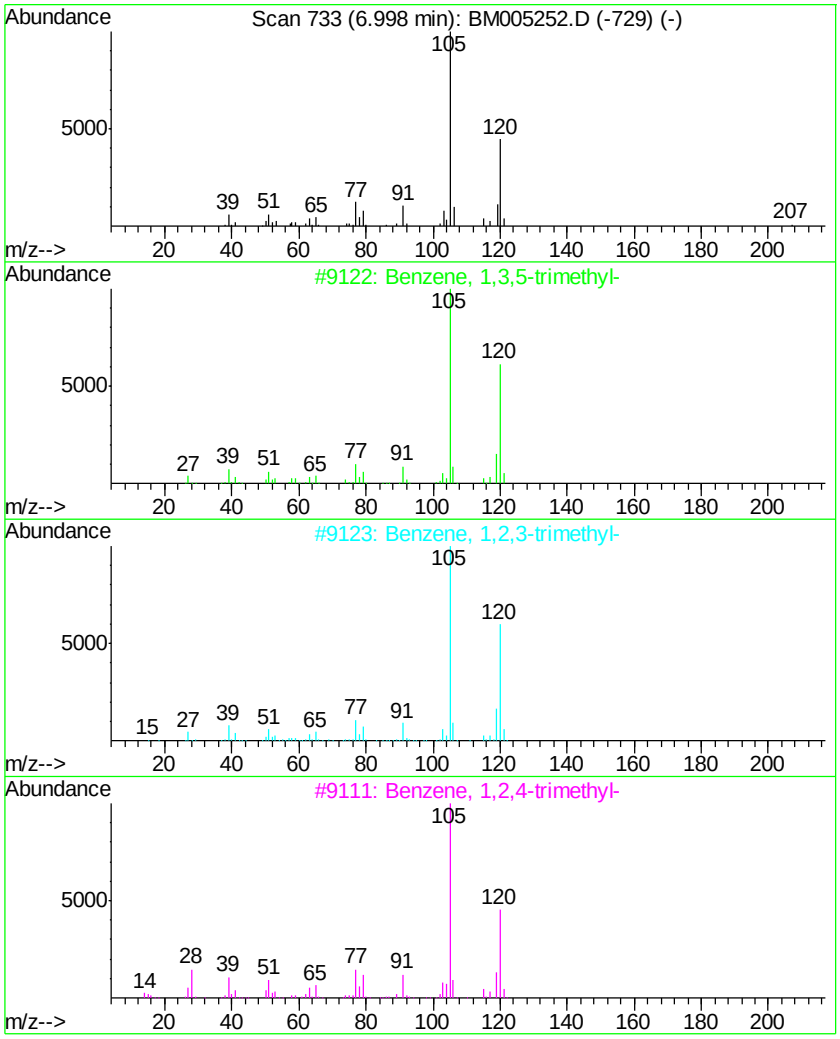
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

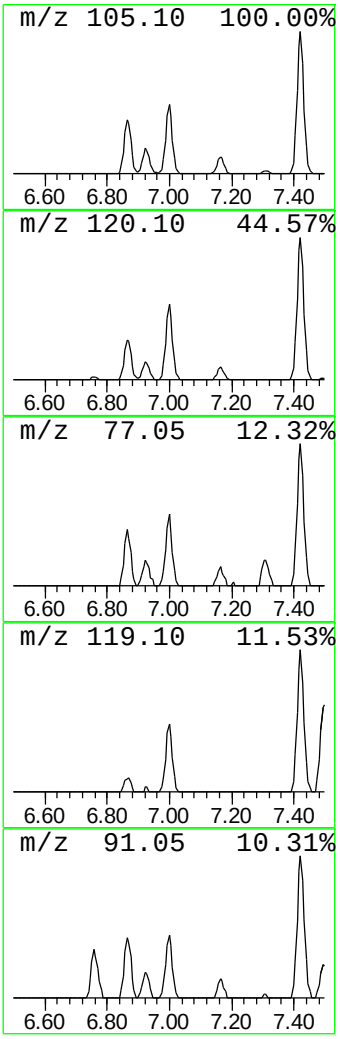
****

Peak Number 3 Benzene, 1,3,5-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	6.23 ng/ul	176004	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

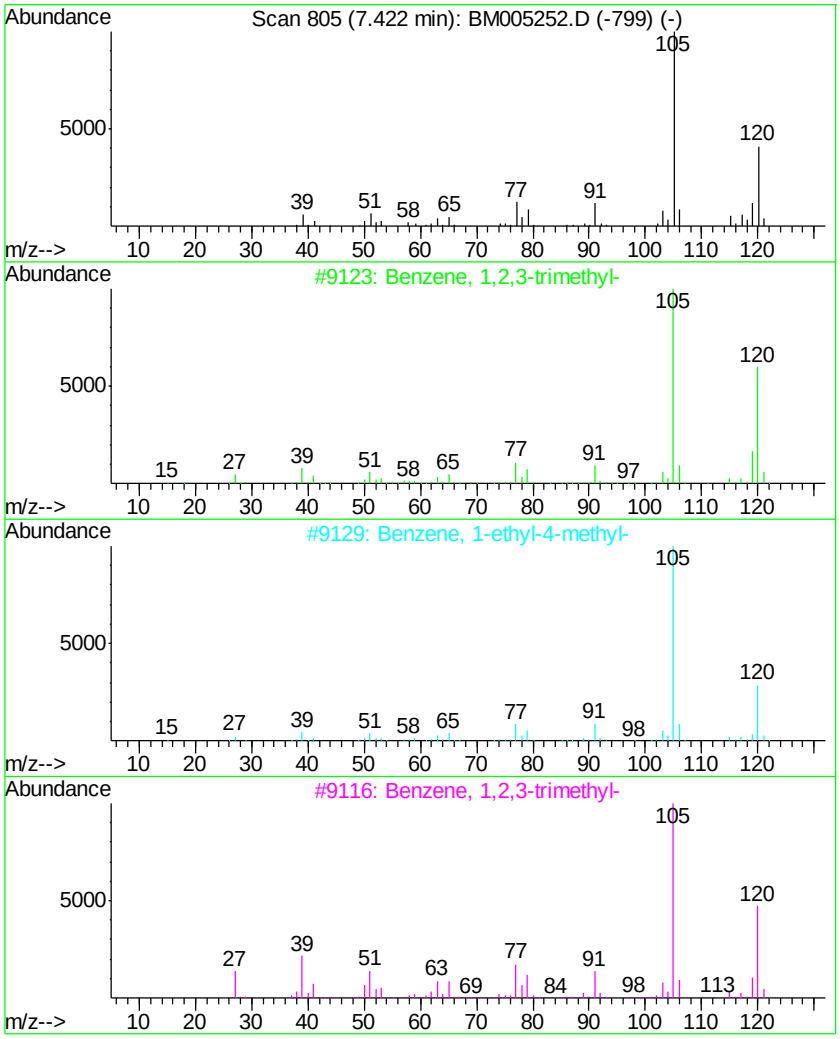
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

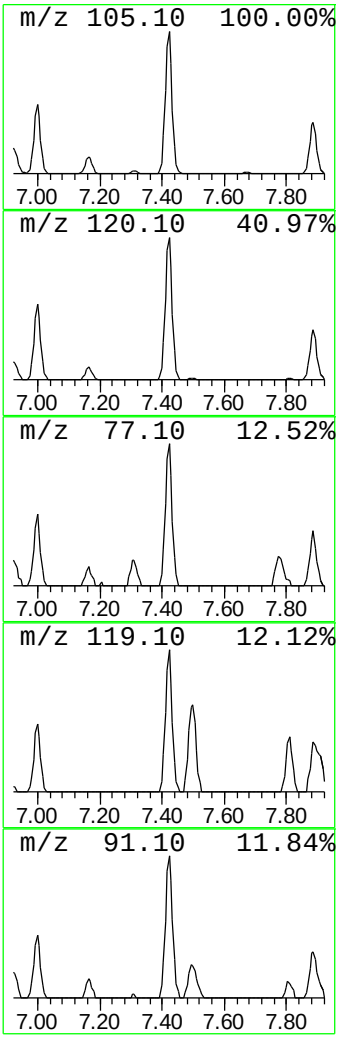
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	13.96 ng/ul	394679	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

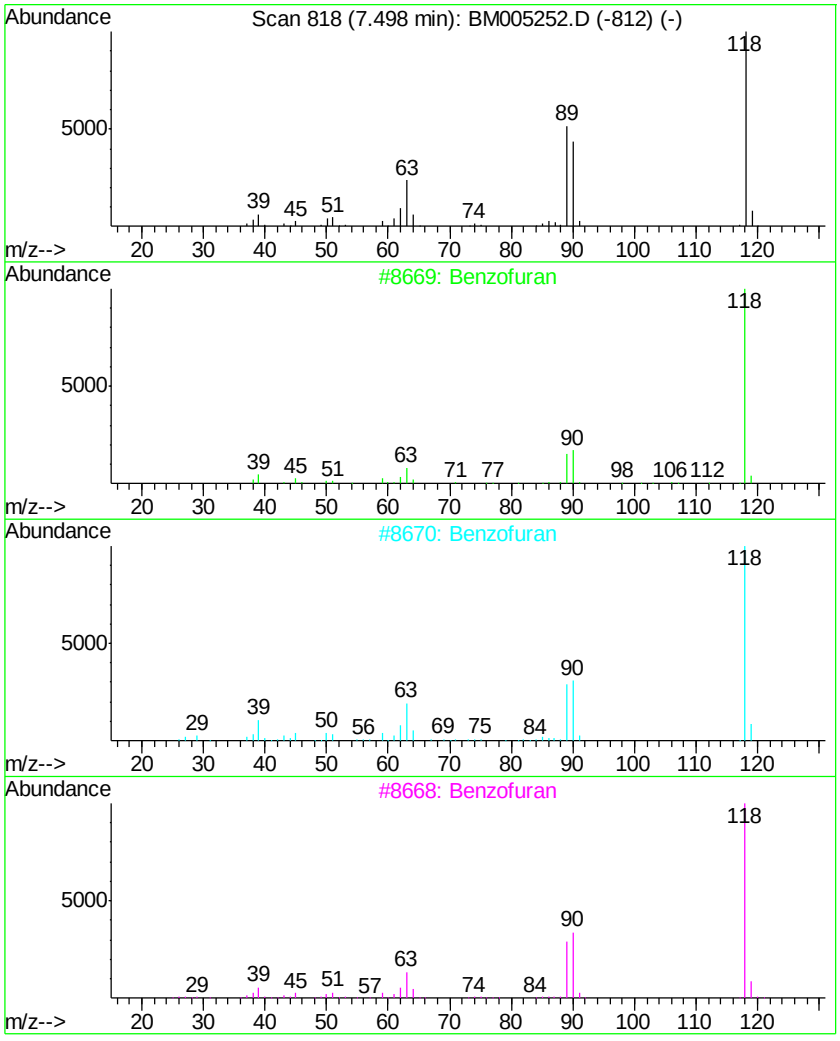
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

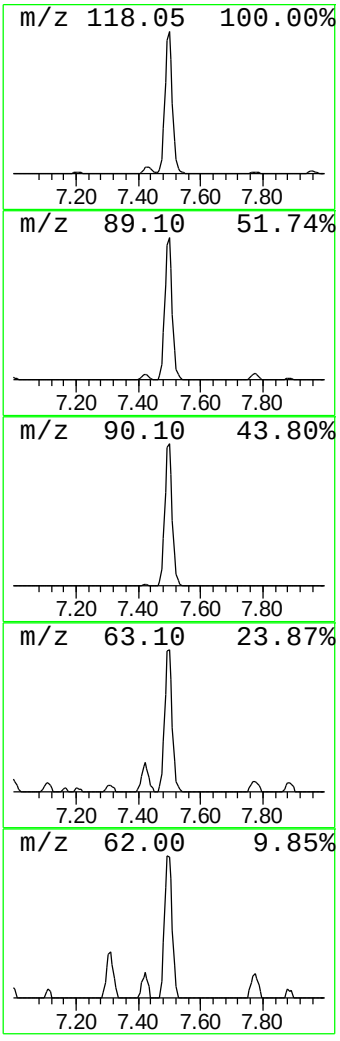
****

Peak Number 5 Benzofuran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	13.69 ng/ul	387014	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	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	40





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

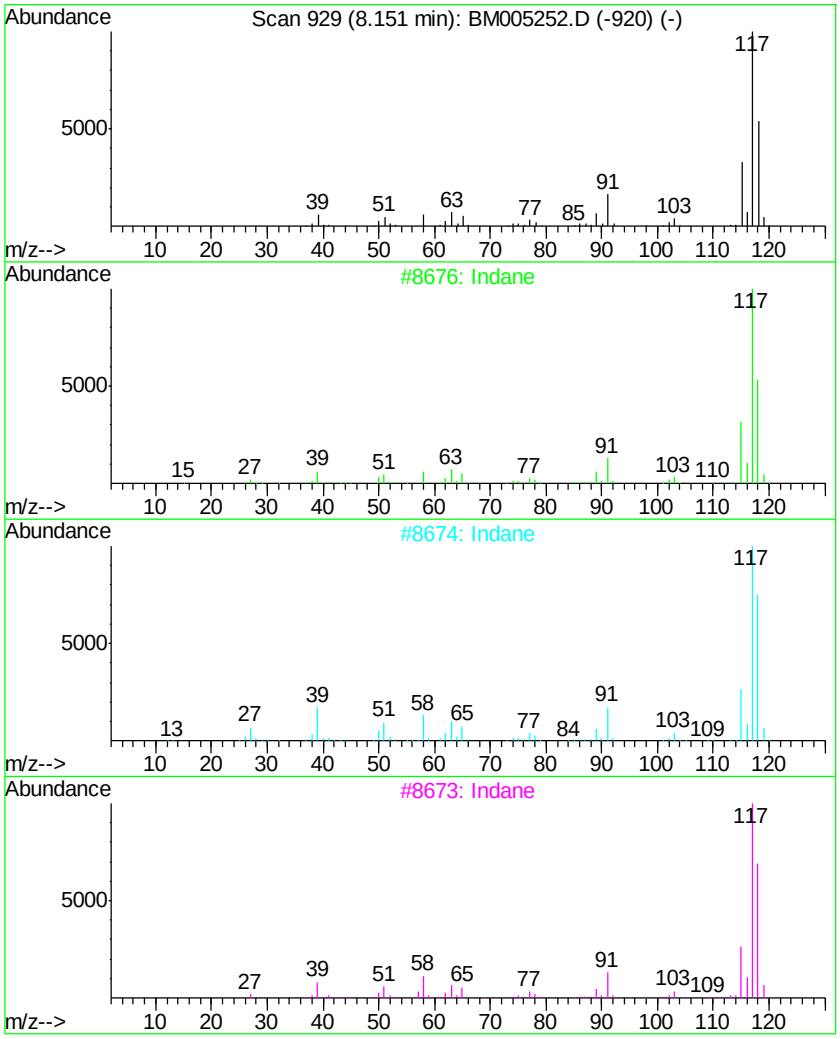
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

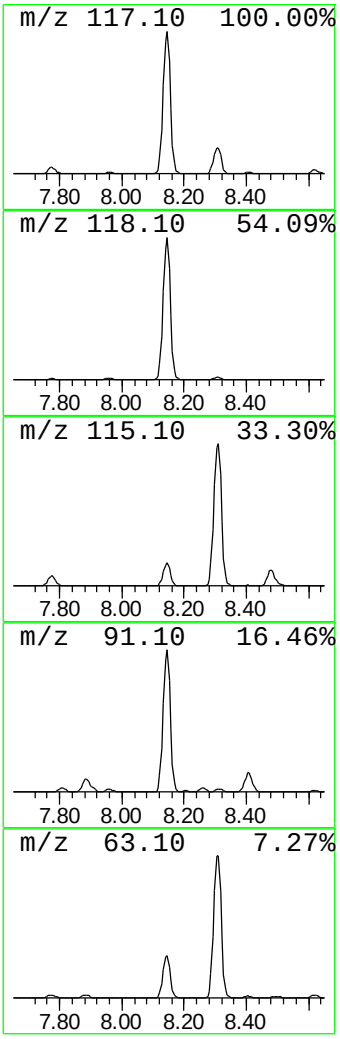
****

Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	38.67 ng/ul	1093110	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	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

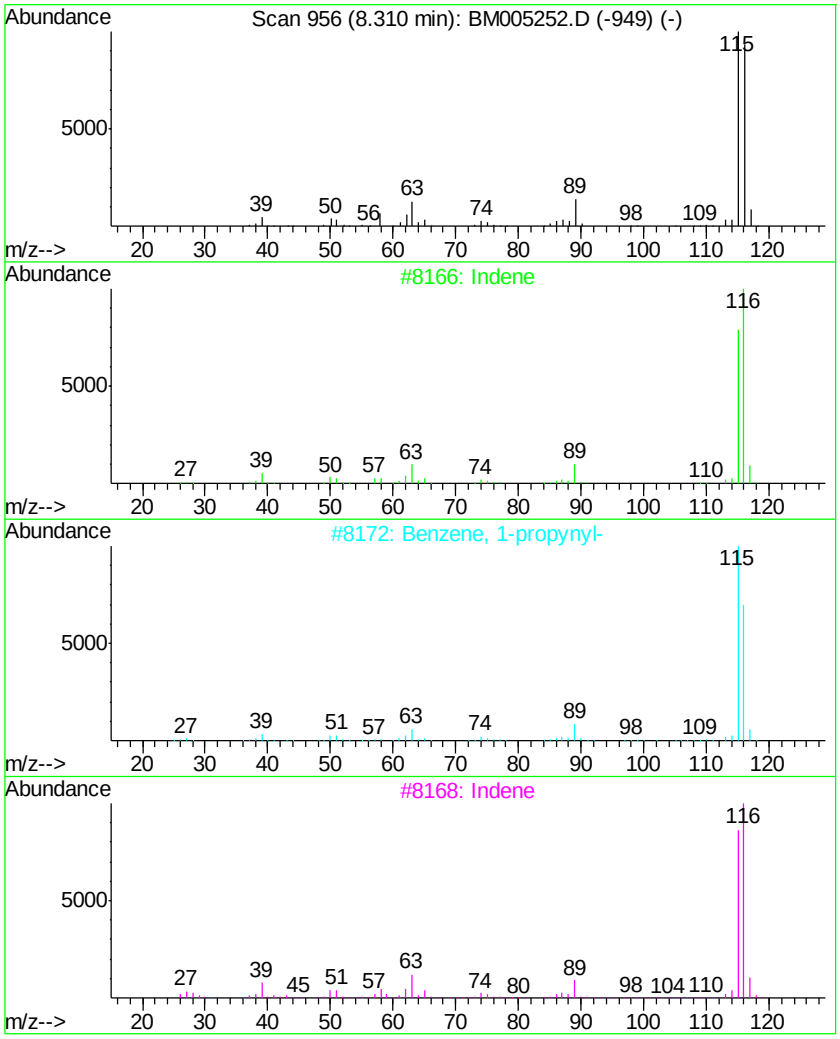
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

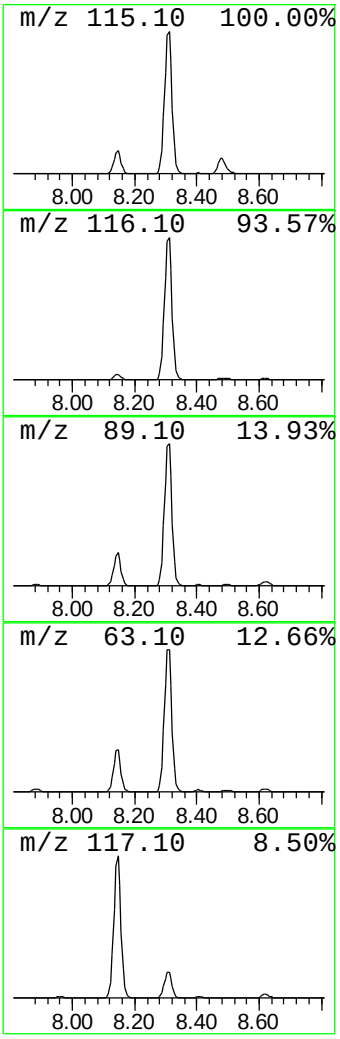
****

Peak Number 7 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	85.98 ng/ul	2430420	1,4-Dichlorobenzene-d4	7.77

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	95
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

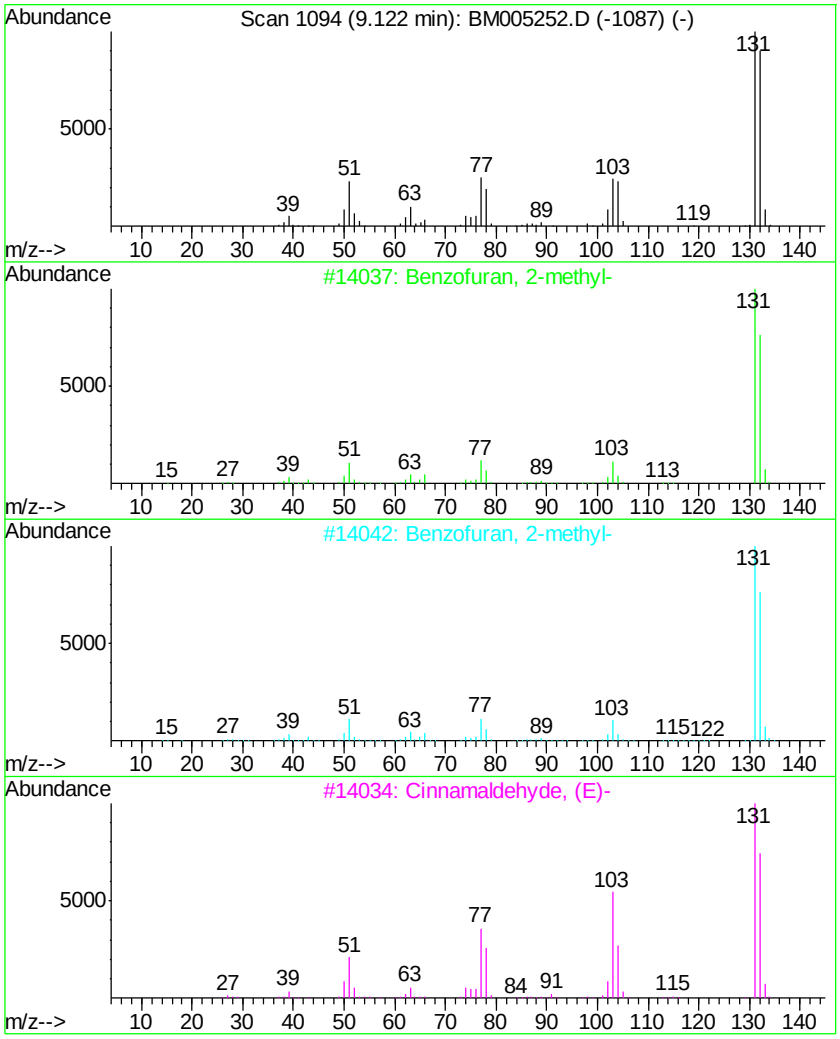
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

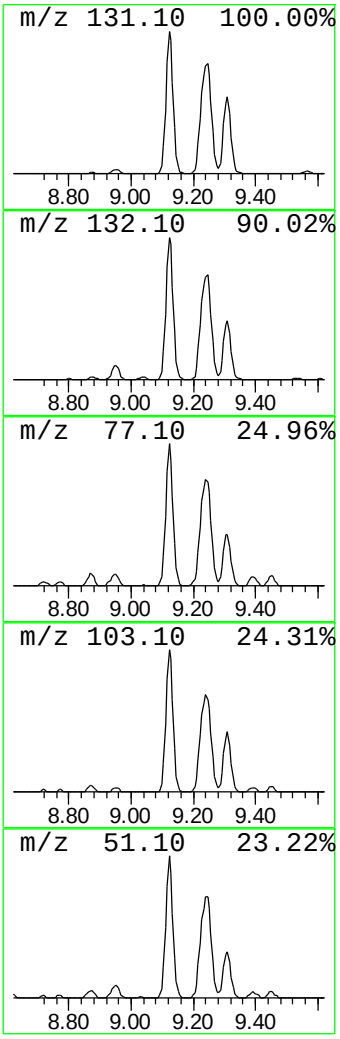
****

Peak Number 8 Benzofuran, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	25.15 ng/ul	711080	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

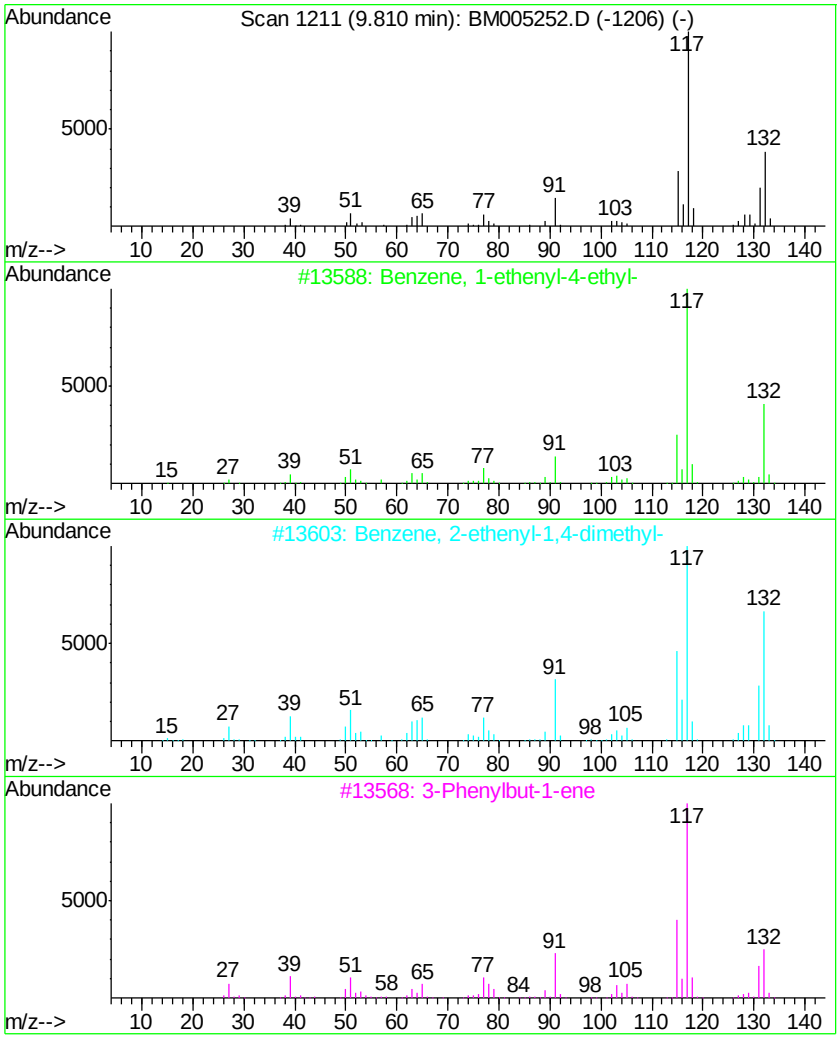
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

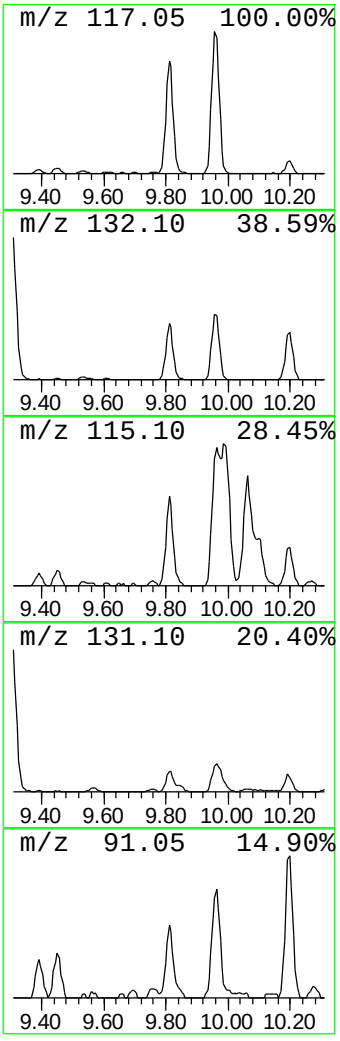
****

Peak Number 11 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	5.95 ng/ul	230918	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

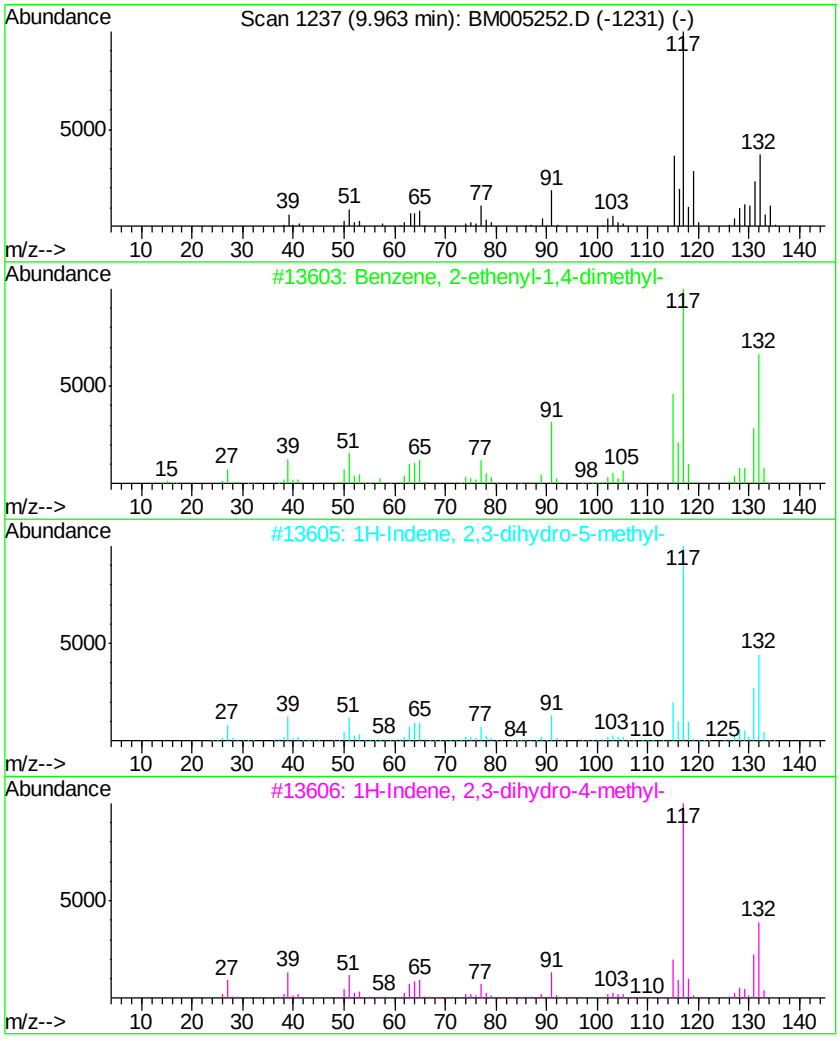
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

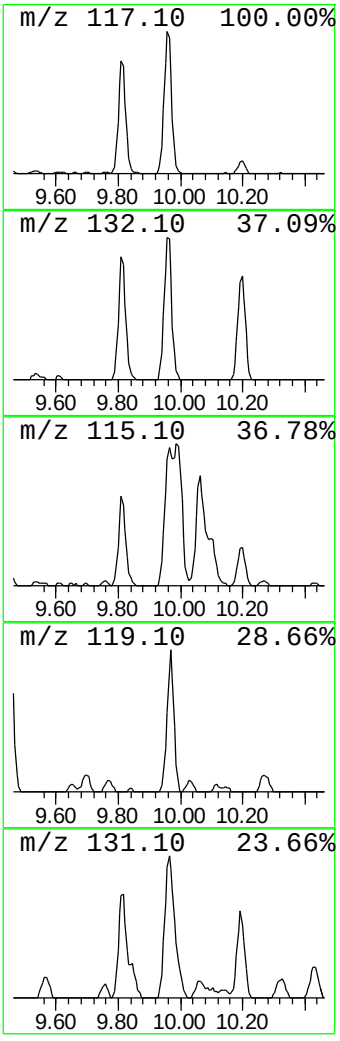
****

Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	14.32 ng/ul	555812	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	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

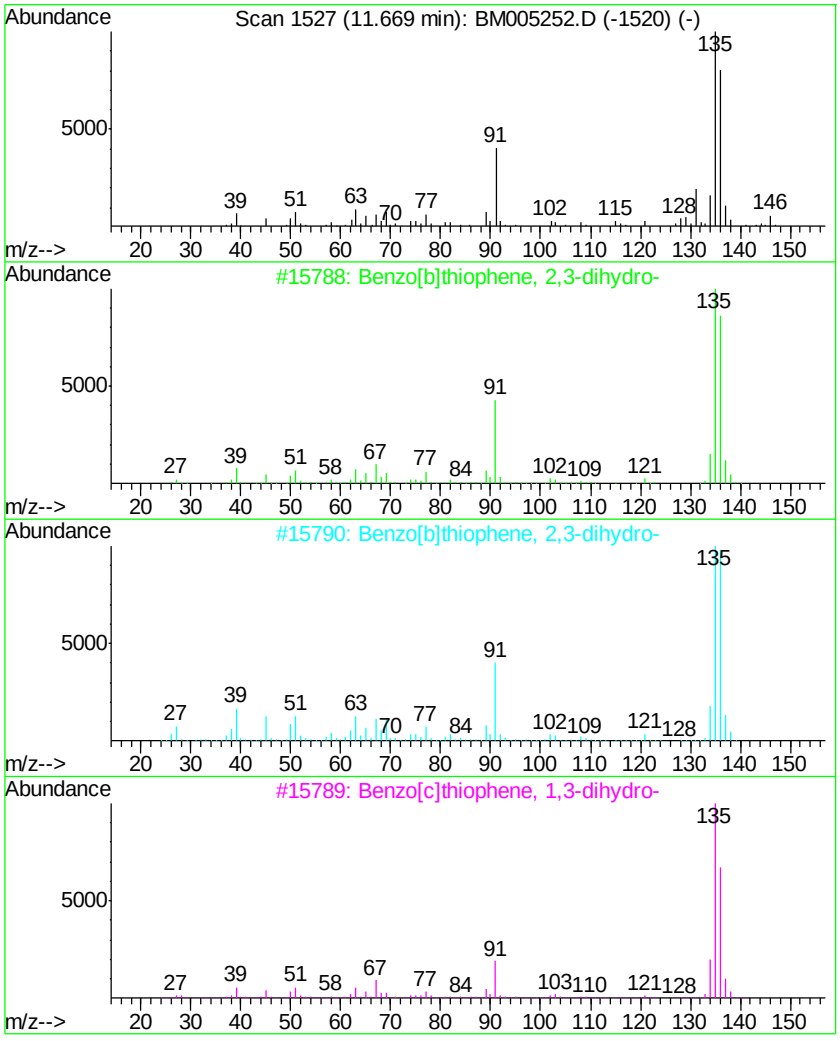
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

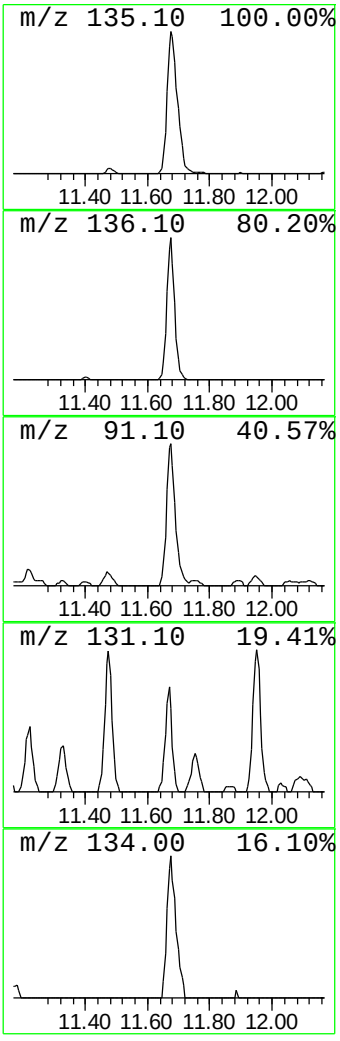
****

Peak Number 13 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	9.54 ng/ul	370333	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	87
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
4	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	72
5	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

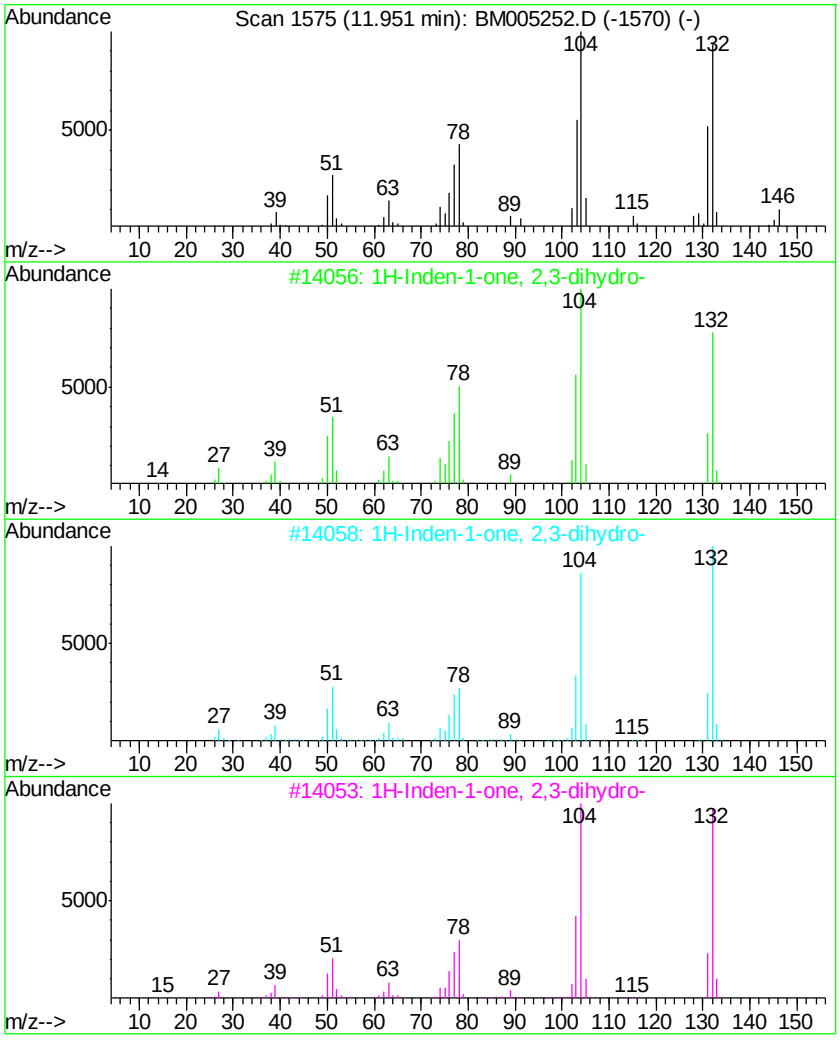
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

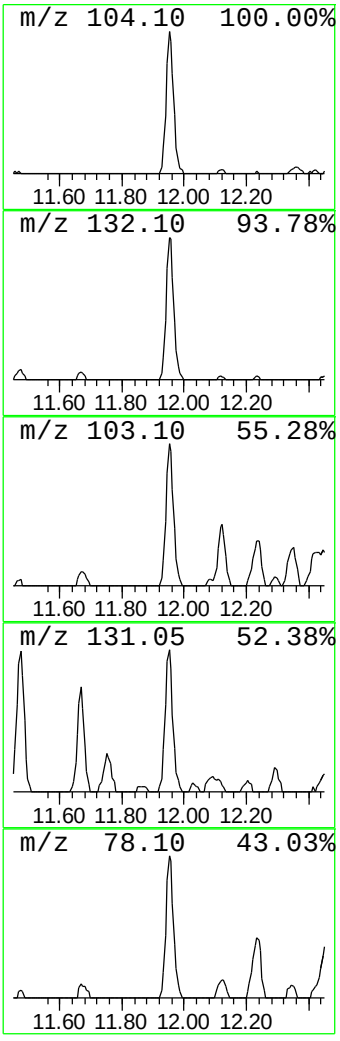
****

Peak Number 14 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.87 ng/ul	188993	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
4	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	76
5	5-Aminoindole	132	C8H8N2	005192-03-0	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

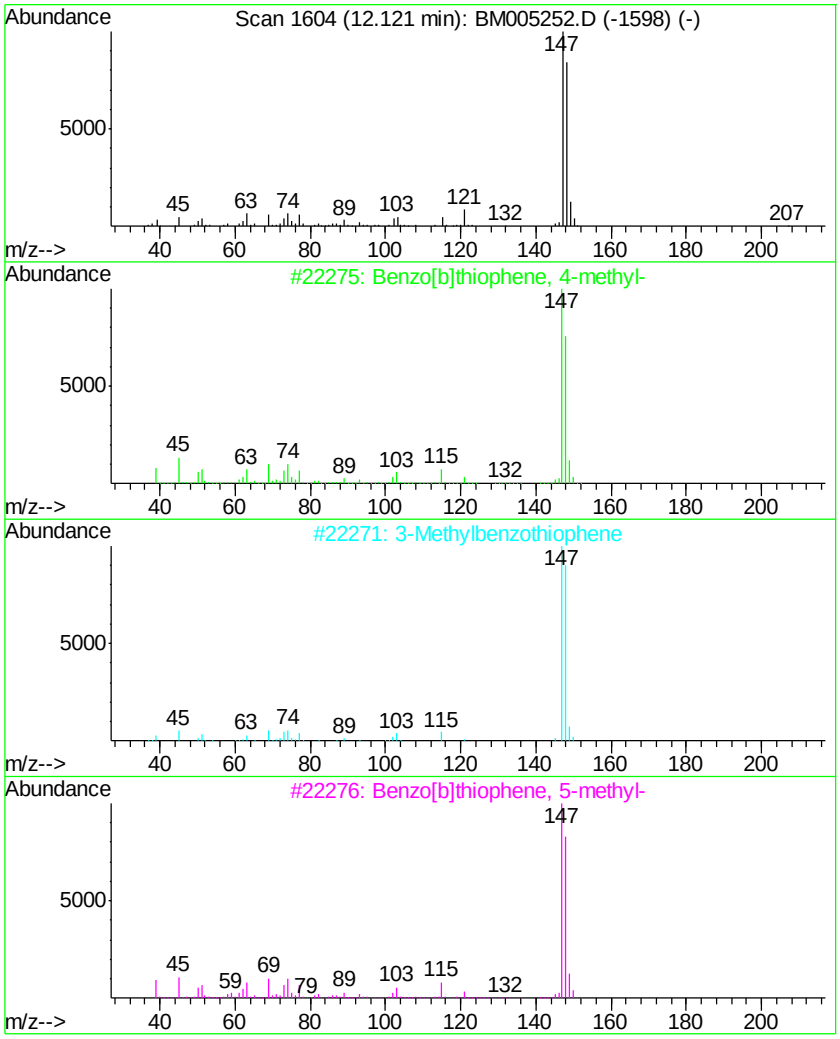
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

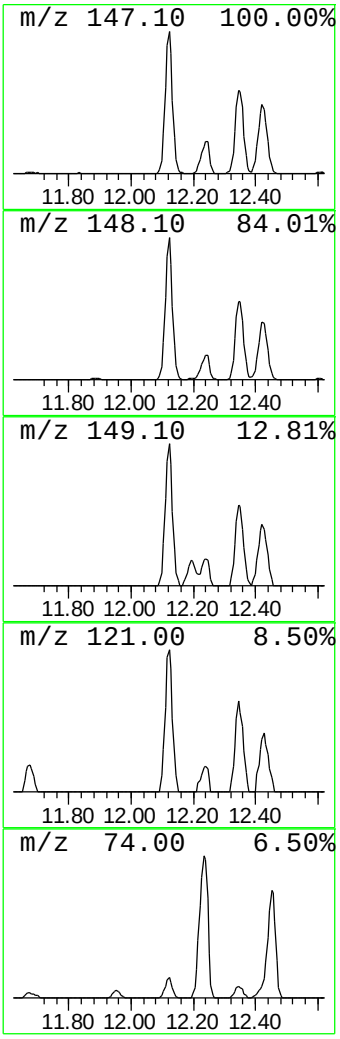
****

Peak Number 15 Benzo[b]thiophene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	10.98 ng/ul	426184	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

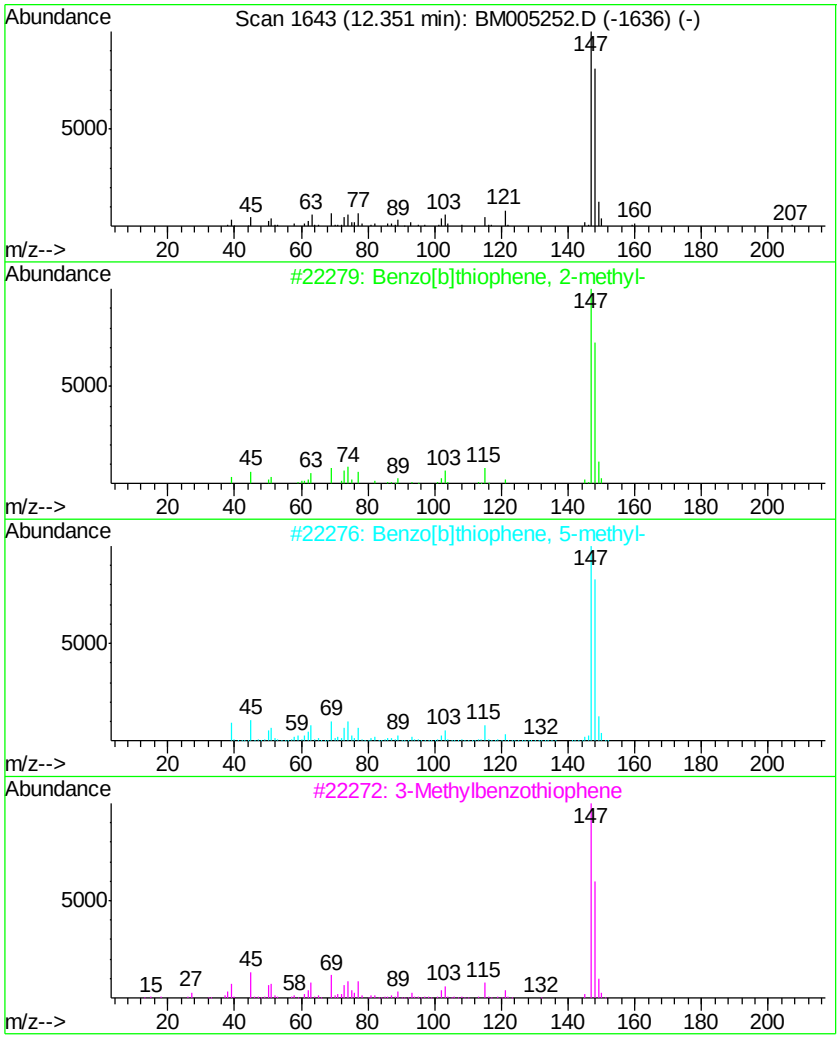
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

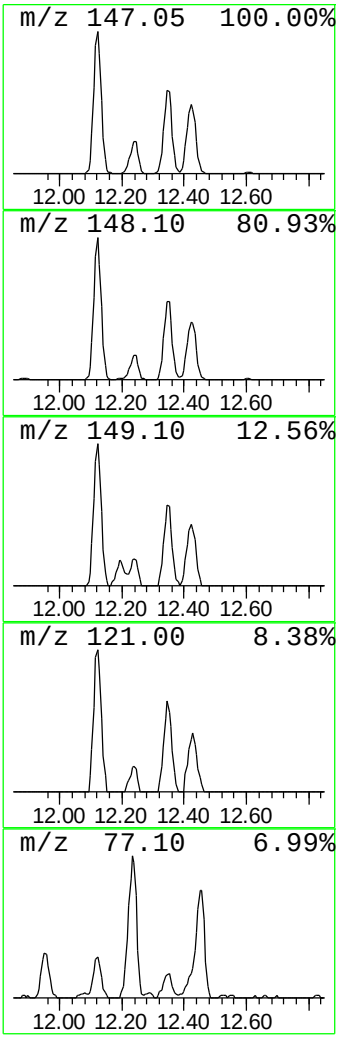
****

Peak Number 16 Benzo[b]thiophene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.91 ng/ul	268284	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

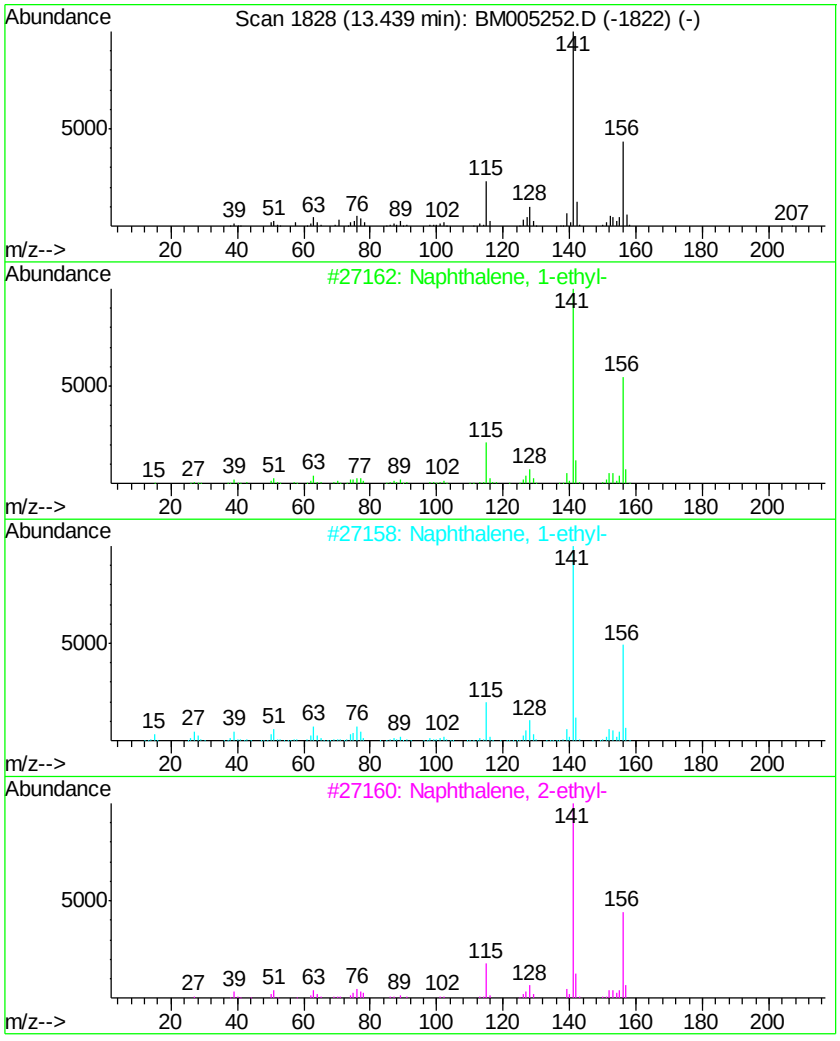
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

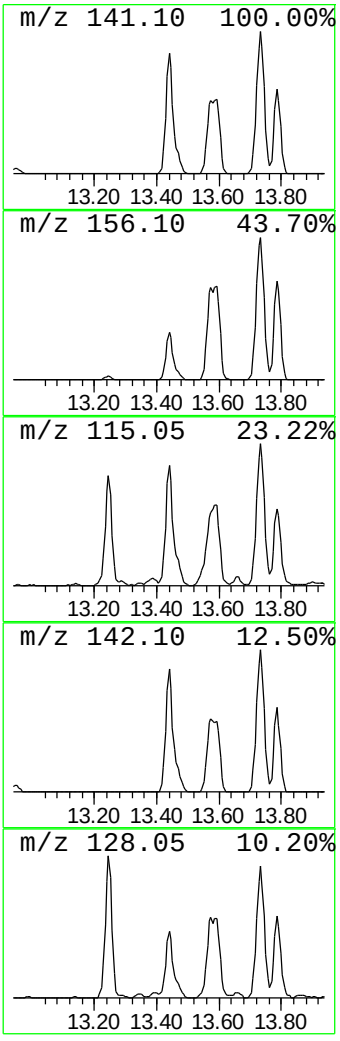
****

Peak Number 18 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	8.60 ng/ul	764314	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, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

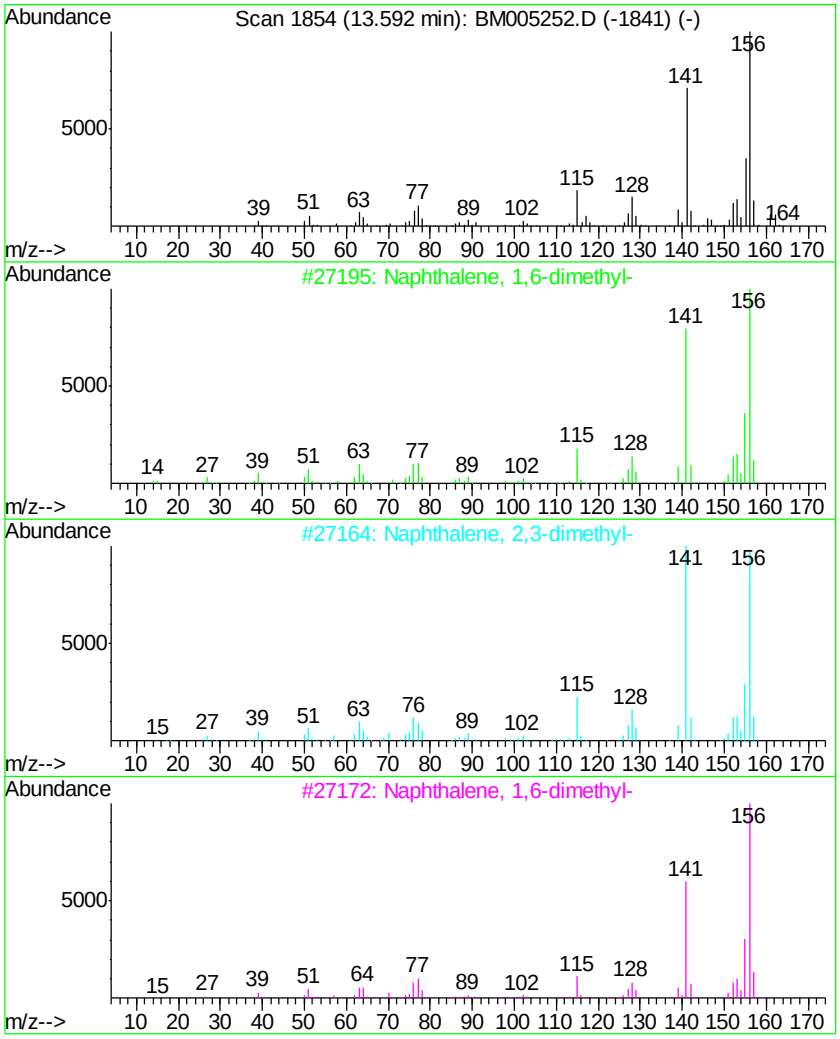
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

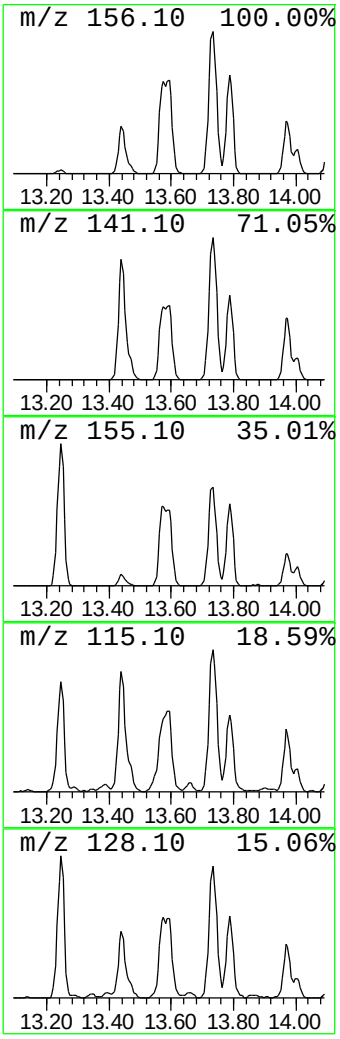
****

Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	16.22 ng/ul	1441160	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

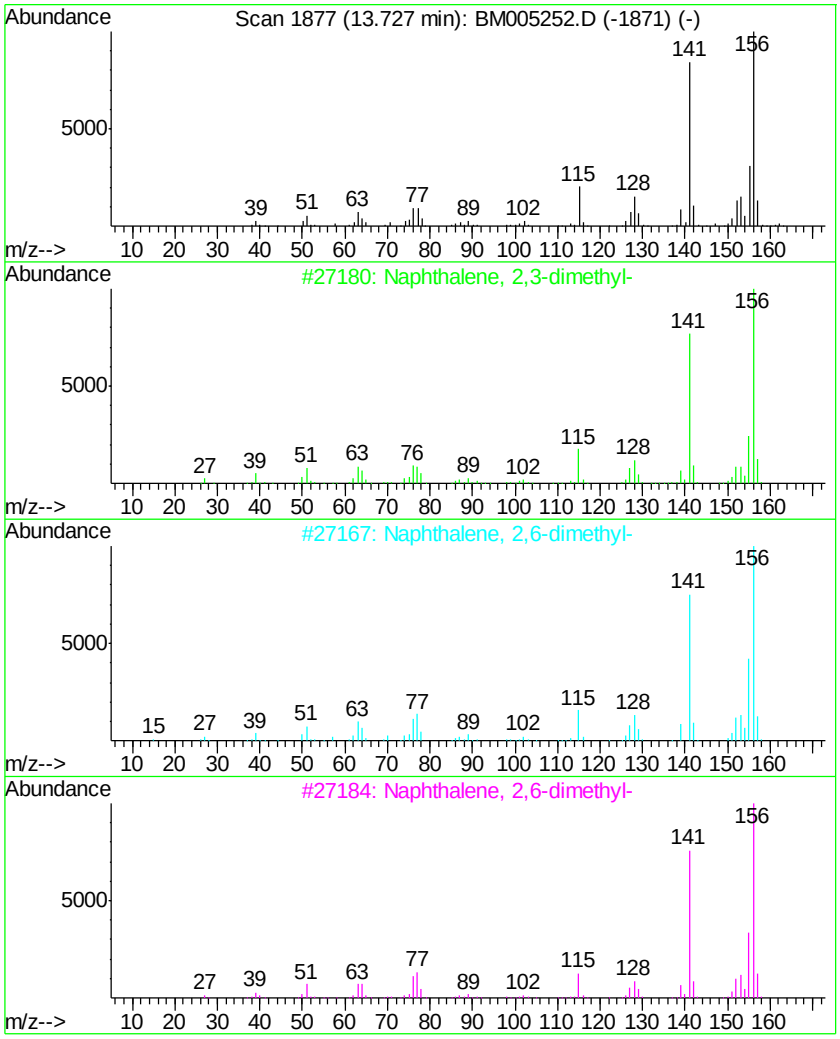
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

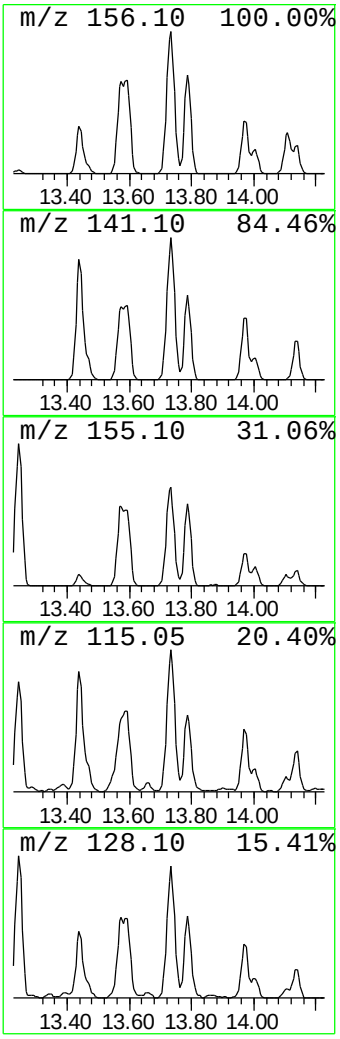
****

Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	15.73 ng/ul	1398070	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

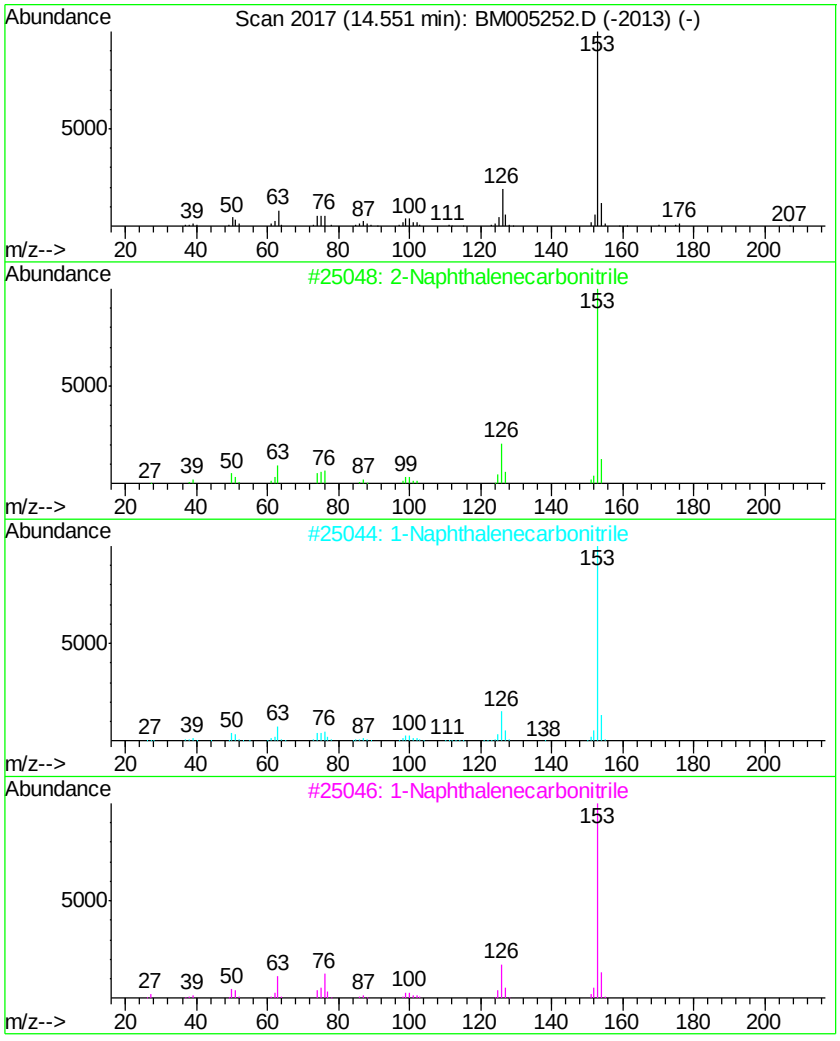
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

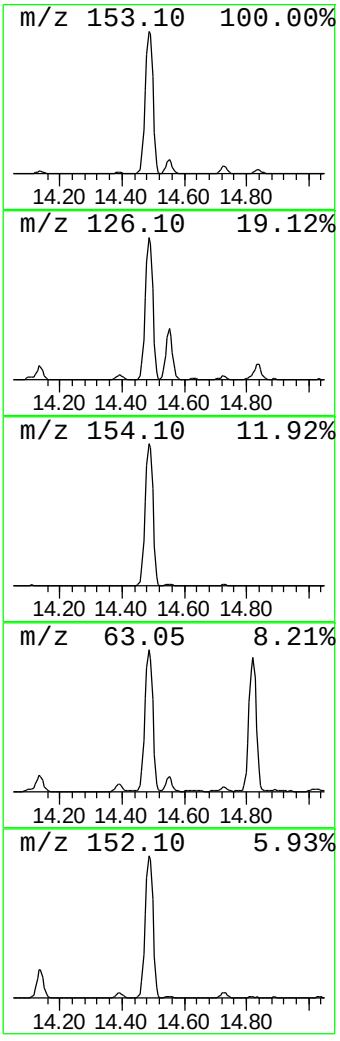
****

Peak Number 22 2-Naphthalenecarbonitrile Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.37 ng/ul	299827	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	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

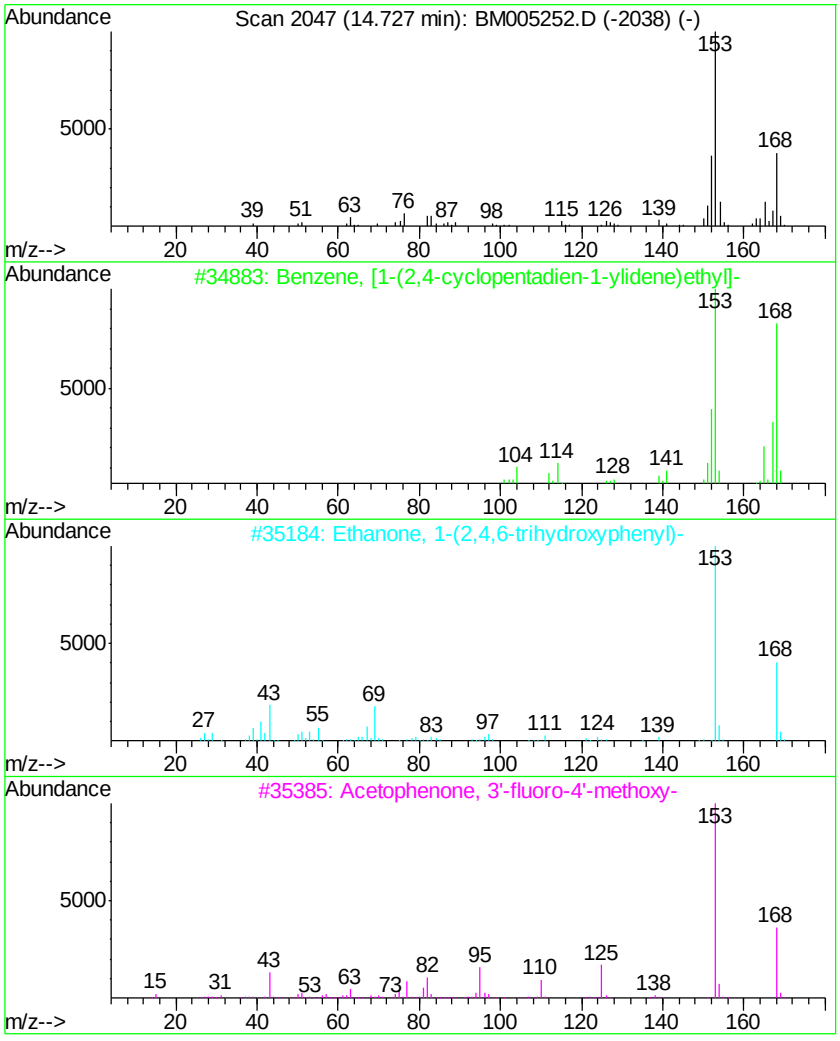
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

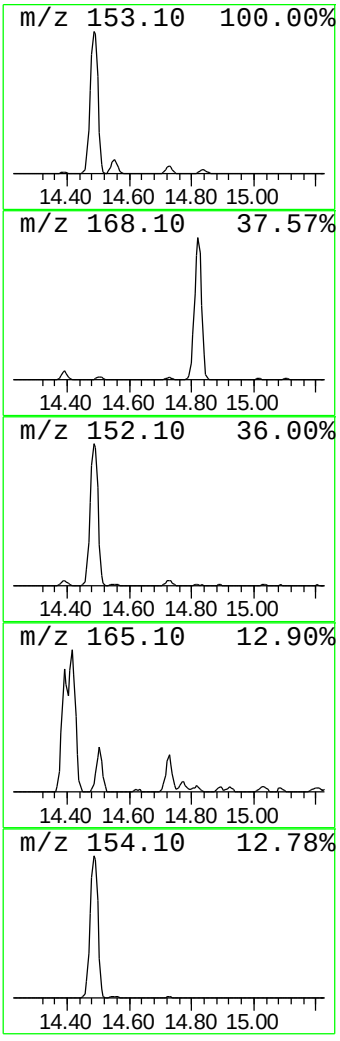
****

Peak Number 23 Benzene, [1-(2,4-cyclopenta... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.81 ng/ul	249675	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	56
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

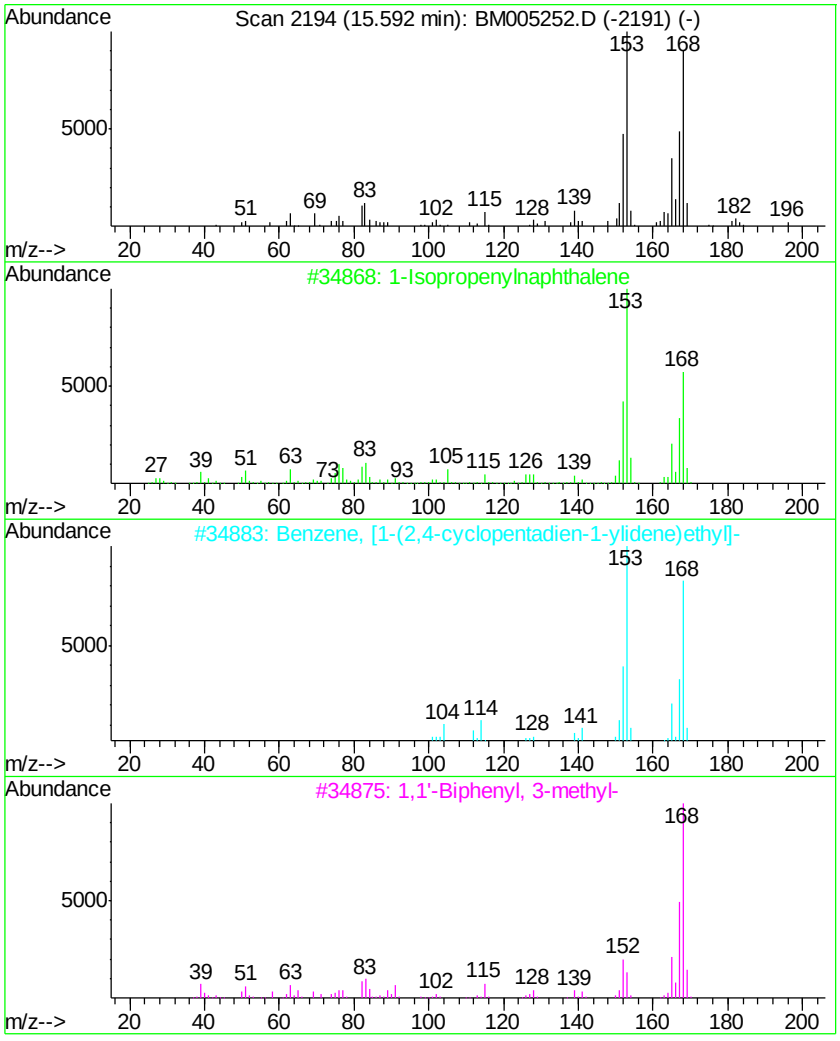
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

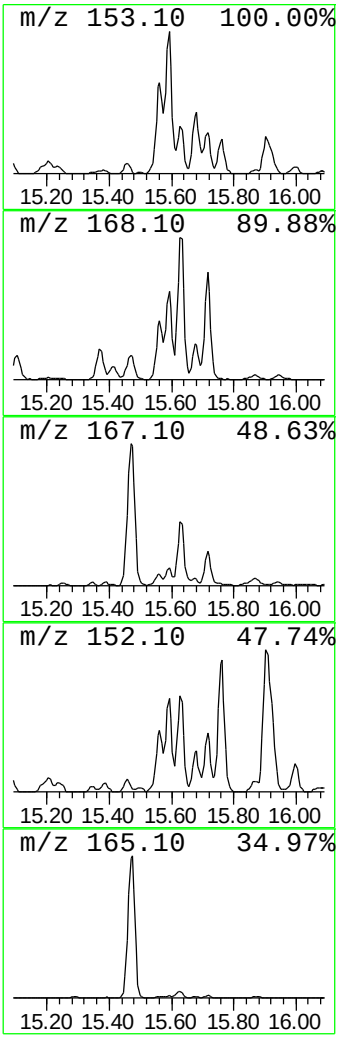
****

Peak Number 24 1-Isopropenylnaphthalene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.31 ng/ul	294498	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

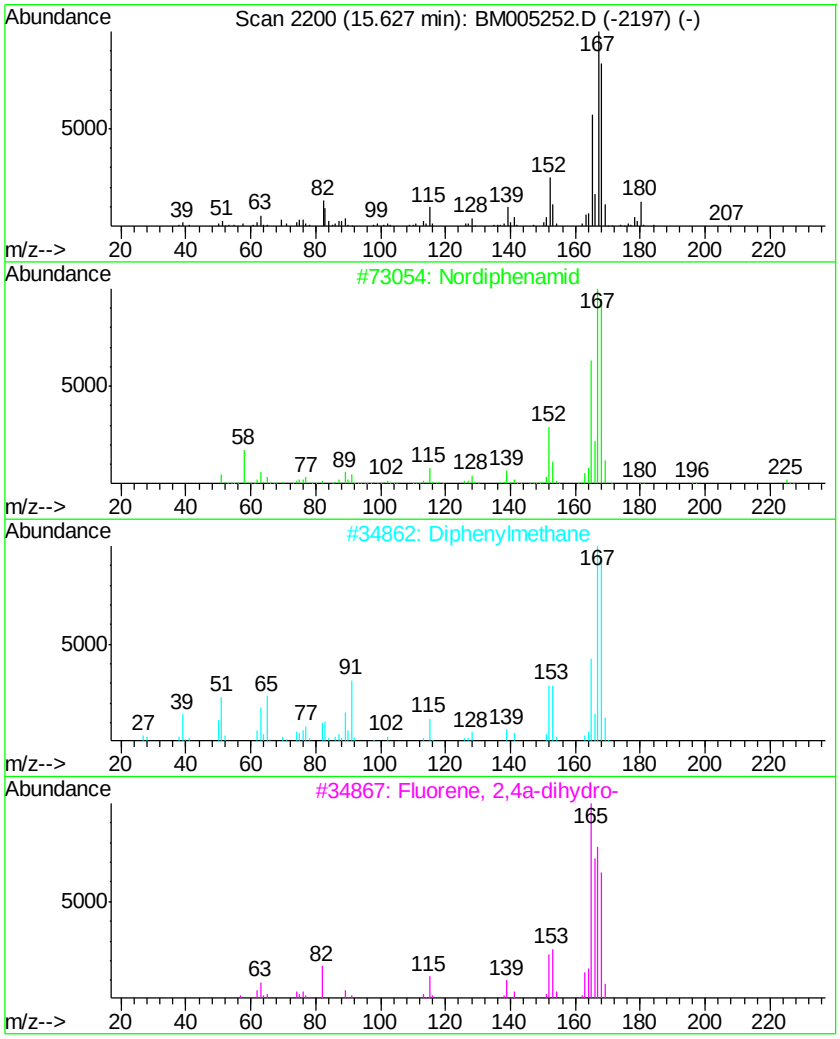
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

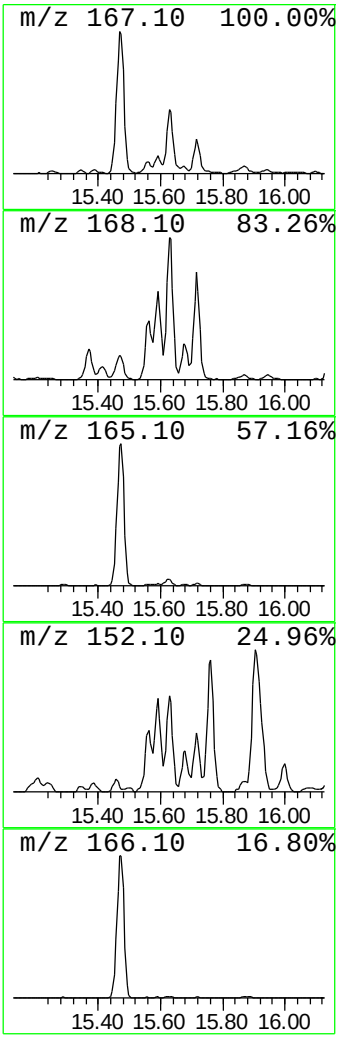
****

Peak Number 25 Nordiphenamid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	5.18 ng/ul	460627	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	91
2	Diphenylmethane	168	C13H12	000101-81-5	89
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	70
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	60





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

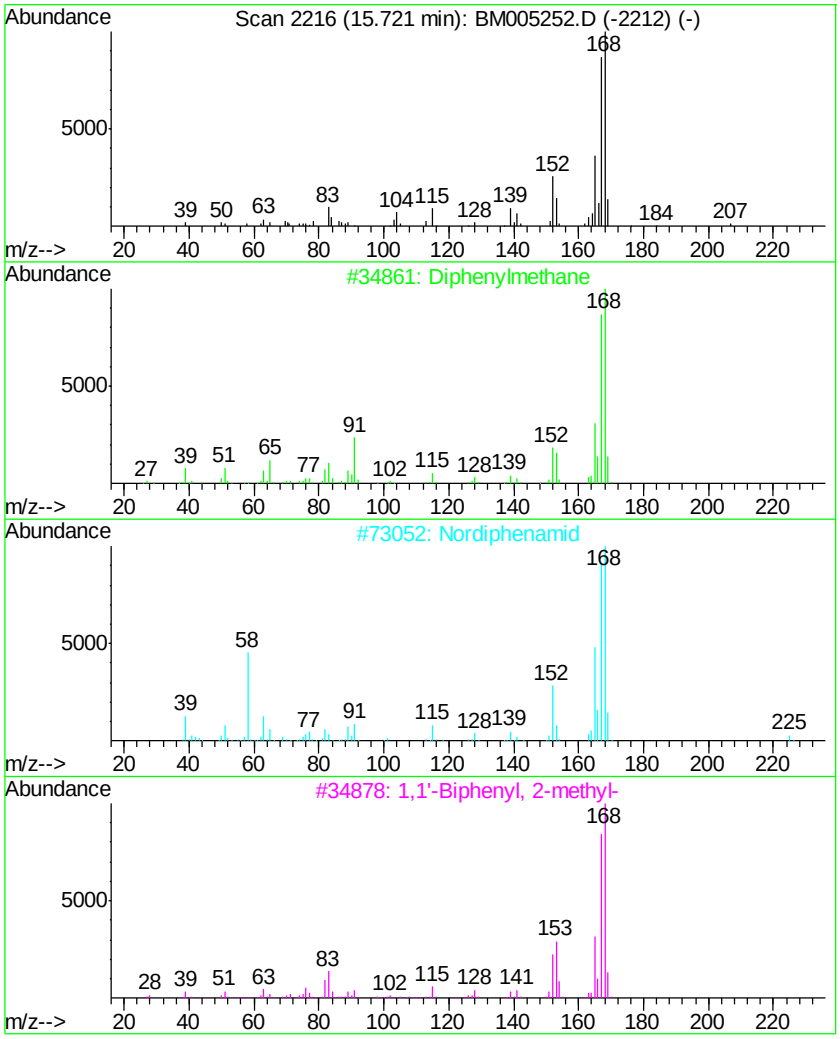
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

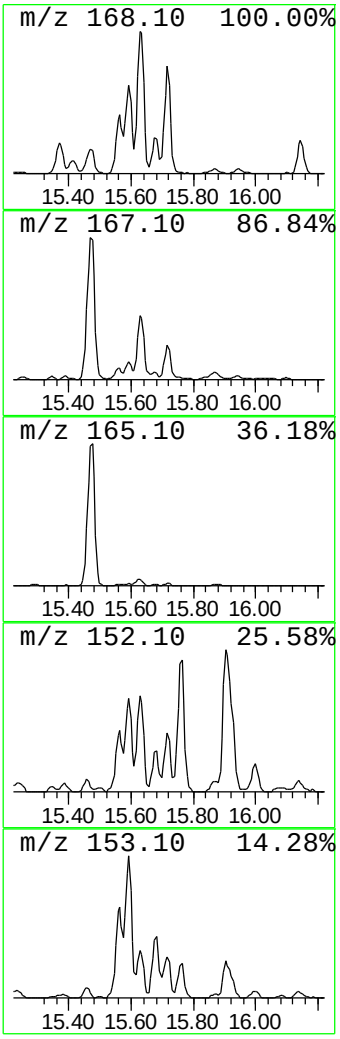
****

Peak Number 26 Diphenylmethane Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.37 ng/ul	210761	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	83
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	80
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

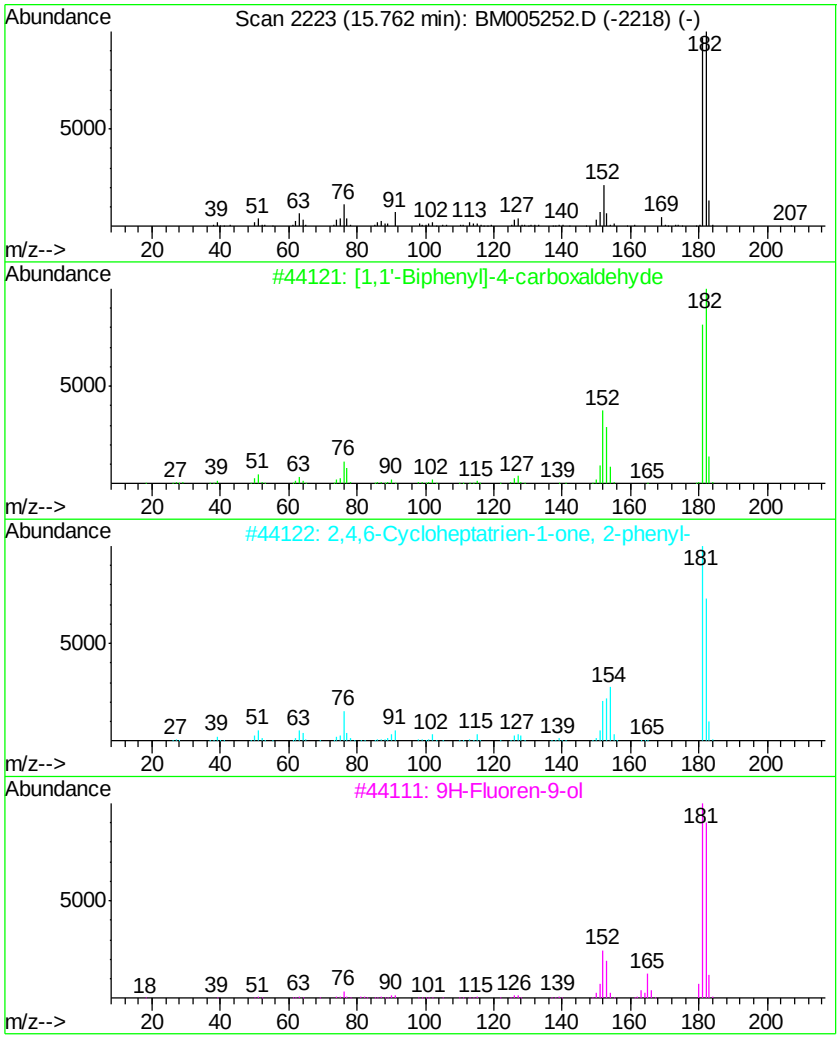
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

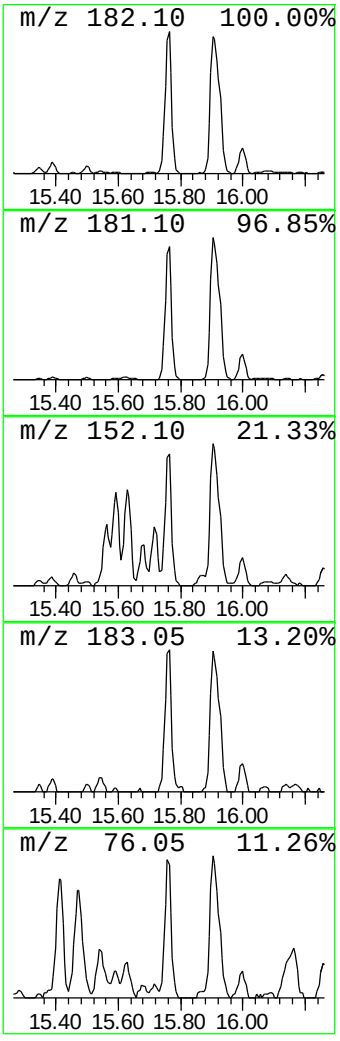
****

Peak Number 27 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	6.65 ng/ul	590580	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	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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

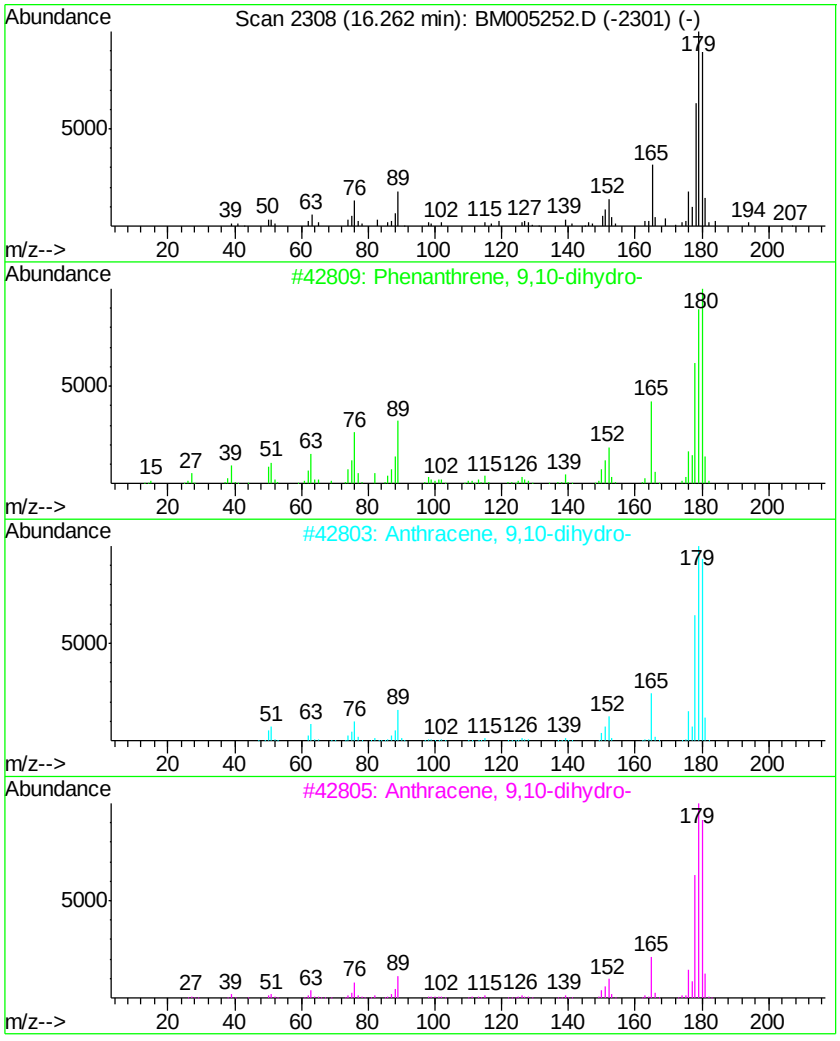
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

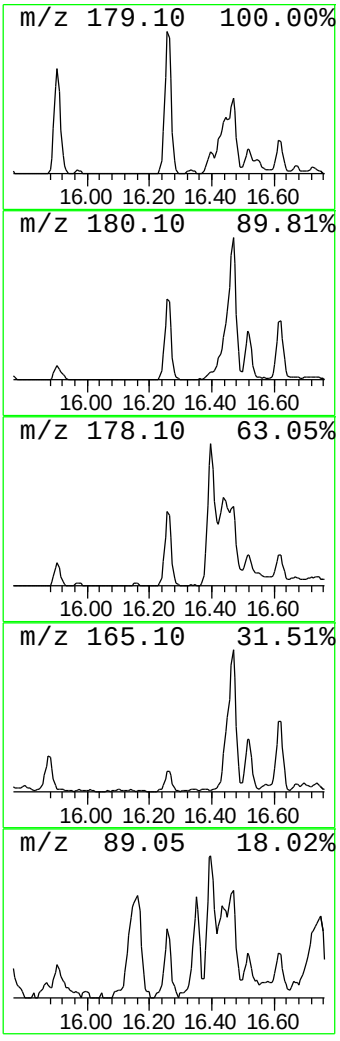
****

Peak Number 30 Phenanthrene, 9,10-dihydro- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	2.36 ng/ul	195712	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005252.D
Acq On : 06 May 2016 01:46
Operator : UM/SJ
Sample : H2813-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7

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, 1,3,5-tr...	7.00	6.2	ng/ul	176004	1	7.77	565365	20.0
Benzene, 1,2,3-tr...	7.42	14.0	ng/ul	394679	1	7.77	565365	20.0
Benzofuran	7.50	13.7	ng/ul	387014	1	7.77	565365	20.0
Indane	8.15	38.7	ng/ul	1093110	1	7.77	565365	20.0
Indene	8.31	86.0	ng/ul	2430420	1	7.77	565365	20.0
Benzofuran, 2-met...	9.12	25.1	ng/ul	711080	1	7.77	565365	20.0
Benzene, 1-etheny...	9.81	6.0	ng/ul	230918	2	10.57	776327	20.0
Benzene, 2-etheny...	9.96	14.3	ng/ul	555812	2	10.57	776327	20.0
Benzo[b]thiophene...	11.67	9.5	ng/ul	370333	2	10.57	776327	20.0
1H-Inden-1-one, 2...	11.95	4.9	ng/ul	188993	2	10.57	776327	20.0
Benzo[b]thiophene...	12.12	11.0	ng/ul	426184	2	10.57	776327	20.0
Benzo[b]thiophene...	12.35	6.9	ng/ul	268284	2	10.57	776327	20.0
Naphthalene, 1-et...	13.44	8.6	ng/ul	764314	3	14.42	1777480	20.0
Naphthalene, 1,6-...	13.59	16.2	ng/ul	1441160	3	14.42	1777480	20.0
Naphthalene, 2,3-...	13.73	15.7	ng/ul	1398070	3	14.42	1777480	20.0
2-Naphthalenecarb...	14.55	3.4	ng/ul	299827	3	14.42	1777480	20.0
Benzene, [1-(2,4-...	14.73	2.8	ng/ul	249675	3	14.42	1777480	20.0
1-Isopropenylnaph...	15.59	3.3	ng/ul	294498	3	14.42	1777480	20.0
Nordiphenamid	15.63	5.2	ng/ul	460627	3	14.42	1777480	20.0
Diphenylmethane	15.72	2.4	ng/ul	210761	3	14.42	1777480	20.0
[1,1'-Biphenyl]-4...	15.76	6.7	ng/ul	590580	3	14.42	1777480	20.0
Phenanthrene, 9,1...	16.26	2.4	ng/ul	195712	4	17.17	1658810	20.0