LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM121915.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	6.869	636	643	650	rBB	30874	46090	3.89%	0.387%
2	7.034	665	671	676	rBV	109095	164872	13.93%	1.385%
3	7.087	676	680	685	rVB	9079	13103	1.11%	0.110%
4	7.228	699	704	712	rBB	120932	186884	15.79%	1.570%
5	7.363	721	727	732	rBB2	5718	11349	0.96%	0.095%
6	7.698	778	784	793	rBB	104599	161859	13.68%	1.360%
7	7.810	796	803	808	rBB	25619	35650	3.01%	0.300%
8	8.187	863	867	871	rBB	13283	16794	1.42%	0.141%
9	8.404	897	904	911	rBB	106258	161220	13.62%	1.355%
10	8.851	974	980	989	rVB	144155	240285	20.30%	2.019%
11	9.045	1009	1013	1018	rBB2	12245	18607	1.57%	0.156%
12	9.575	1097	1103	1113	rBB	127917	203066	17.16%	1.706%
13	9.916	1153	1161	1167	rBV2	53487	121840	10.29%	1.024%
14	9.986	1167	1173	1177	rVV	59775	108656	9.18%	0.913%
15	10.028	1177	1180	1185	rVV	26006	38800	3.28%	0.326%
16	10.110	1188	1194	1203	rVB	196080	315173	26.63%	2.648%
17	10.486	1252	1258	1264	rVV	170148	274938	23.23%	2.310%
18	10.539	1264	1267	1272	rVB5	9066	14631	1.24%	0.123%
19	11.592	1439	1446	1451	rVV3	7921	16919	1.43%	0.142%
20	11.680	1456	1461	1469	rVB2	10146	17540	1.48%	0.147%
21	12.045	1518	1523	1532	rVB2	21033	38079	3.22%	0.320%
22	12.374	1569	1579	1585	rVB2	62772	114335	9.66%	0.961%
23	12.745	1636	1642	1647	rBV	15333	26613	2.25%	0.224%
24	13.174	1710	1715	1722	rBV3	36793	50130	4.24%	0.421%
25	13.392	1747	1752	1758	rVB2	30236	49137	4.15%	0.413%
26	13.527	1768	1775	1779	rBV4	11369	23656	2.00%	0.199%
27	13.669	1794	1799	1804	rBV3	11180	17441	1.47%	0.147%
28	13.757	1808	1814	1822	rVB	391348	554801	46.88%	4.662%
29	13.845	1822	1829	1834	rBB3	4590	11071	0.94%	0.093%
30	13.904	1834	1839	1842	rBV	24036	37112	3.14%	0.312%
31	13.939	1842	1845	1849	rVV2	18579	24824	2.10%	0.209%
32	14.039	1856	1862	1878	rBB	446144	732492	61.89%	6.155%
33	14.163	1878	1883	1887	rBV2	9695	14599	1.23%	0.123%
34	14.351	1909	1915	1921	rBV2	267274	415780	35.13%	3.494%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM121915.M
Title : SVOA CALIBRATION

35	14.416	1921	1926	1932	rVV	139840	201409	17.02%	1.692%
36	14.563	1947	1951	1956	rBV2	35018	52824	4.46%	0.444%
37	14.927	2004	2013	2016	rBV2	9489	19626	1.66%	0.165%
38	14.974	2016	2021	2027	rVB2	15139	25282	2.14%	0.212%
39	15.139	2046	2049	2052	rVV3	8988	14748	1.25%	0.124%
40	15.174	2052	2055	2059	rVB4	13778	18043	1.52%	0.152%
41	15.221	2059	2063	2069	rVB2	9117	12966	1.10%	0.109%
42	15.345	2078	2084	2090	rBV	594397	841589	71.11%	7.072%
43	15.398	2090	2093	2100	rVB	75697	114386	9.66%	0.961%
44	15.468	2100	2105	2112	rBV	187495	269224	22.75%	2.262%
45	15.527	2112	2115	2117	rVV3	8816	11793	1.00%	0.099%
46	15.563	2117	2121	2126	rVB6	12490	22508	1.90%	0.189%
47	15.615	2126	2130	2133	rBV4	11740	14211	1.20%	0.119%
48	15.692	2139	2143	2149	rBV2	25671	38859	3.28%	0.327%
49	15.739	2149	2151	2159	rVB2	7796	10664	0.90%	0.090%
50	15.839	2164	2168	2177	rVB4	26592	43184	3.65%	0.363%
51	15.927	2177	2183	2186	rBV3	12936	24235	2.05%	0.204%
52	16.074	2204	2208	2212	rBV2	24173	31586	2.67%	0.265%
53	16.133	2212	2218	2224	rVV	61588	88051	7.44%	0.740%
54	16.221	2224	2233	2240	rVV6	9247	26005	2.20%	0.219%
55	16.298	2241	2246	2249	rVV4	8591	14100	1.19%	0.118%
56	16.357	2252	2256	2260	rVV2	32409	46732	3.95%	0.393%
57	16.398	2260	2263	2268	rVV6	11914	21164	1.79%	0.178%
58	16.457	2268	2273	2279	rVB6	11455	21029	1.78%	0.177%
59	16.551	2286	2289	2295	rVB3	12643	19631	1.66%	0.165%
60	16.610	2295	2299	2305	rBV6	10490	21184	1.79%	0.178%
61	16.733	2316	2320	2323	rBV3	6353	10870	0.92%	0.091%
62	16.833	2329	2337	2343	rBV6	21609	51526	4.35%	0.433%
63	16.915	2348	2351	2355	rVV4	7381	11583	0.98%	0.097%
64	16.968	2355	2360	2366	rVV7	10007	24474	2.07%	0.206%
65	17.098	2374	2382	2387	rBV	362464	519636	43.90%	4.366%
66	17.139	2387	2389	2393	rVV	20190	23306	1.97%	0.196%
67	17.198	2393	2399	2408	rVB	643572	924402	78.10%	7.768%
68	17.274	2408	2412	2417	rBV2	22064	37767	3.19%	0.317%
69	17.327	2417	2421	2425	rVB2	17787	27597	2.33%	0.232%
70	17.504	2440	2451	2456	rBV9	9166	28087	2.37%	0.236%
71	17.562	2456	2461	2466	rVB5	16197	27465	2.32%	0.231%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM121915.M
Title : SVOA CALIBRATION

72	17.680	2477	2481	2484	rBV2	13223	17554	1.48%	0.148%
73	17.804	2499	2502	2508	rVB5	10858	17227	1.46%	0.145%
74	17.933	2521	2524	2529	rBV3	11566	20052	1.69%	0.168%
75	17.992	2531	2534	2537	rBV2	7577	10463	0.88%	0.088%
76	18.068	2542	2547	2551	rBV2	19595	35015	2.96%	0.294%
77	18.168	2557	2564	2574	rBV4	38922	81242	6.86%	0.683%
78	18.333	2587	2592	2602	rVB8	9908	24072	2.03%	0.202%
79	18.480	2611	2617	2620	rBV2	22136	35973	3.04%	0.302%
80	18.521	2620	2624	2632	rVV6	22988	47613	4.02%	0.400%
81	18.598	2632	2637	2642	rVV2	22319	38021	3.21%	0.319%
82	18.645	2643	2645	2650	rVB3	8940	11453	0.97%	0.096%
83	18.762	2661	2665	2669	rBV3	6177	10283	0.87%	0.086%
84	18.880	2681	2685	2693	rVV3	20717	36324	3.07%	0.305%
85	19.127	2723	2727	2730	rBV2	15321	21637	1.83%	0.182%
86	19.162	2730	2733	2737	rVB	11234	13706	1.16%	0.115%
87	19.286	2749	2754	2763	rBV9	17696	42108	3.56%	0.354%
88	19.386	2769	2771	2778	rVB3	9236	15452	1.31%	0.130%
89	19.498	2784	2790	2806	rVB	778055	1183570	100.00%	9.945%
90	19.927	2858	2863	2870	rVB2	27887	40129	3.39%	0.337%
91	20.021	2877	2879	2886	rVB5	6991	10929	0.92%	0.092%
92	20.086	2886	2890	2893	rVV3	8161	13172	1.11%	0.111%
93	21.297	3090	3096	3102	rBV	476386	633280	53.51%	5.321%
94	21.586	3141	3145	3150	rBV3	10252	13532	1.14%	0.114%
95	22.480	3292	3297	3302	rBV	33511	55799	4.71%	0.469%
96	22.597	3313	3317	3321	rBV2	8692	13400	1.13%	0.113%
97	23.403	3445	3454	3464	rBV	497878	940758	79.48%	7.905%
98	23.538	3470	3477	3488	rVB2	271741	497760	42.06%	4.183%
99	24.056	3560	3565	3571	rVB3	7718	14804	1.25%	0.124%
100	24.797	3687	3691	3698	rVB3	8044	15195	1.28%	0.128%

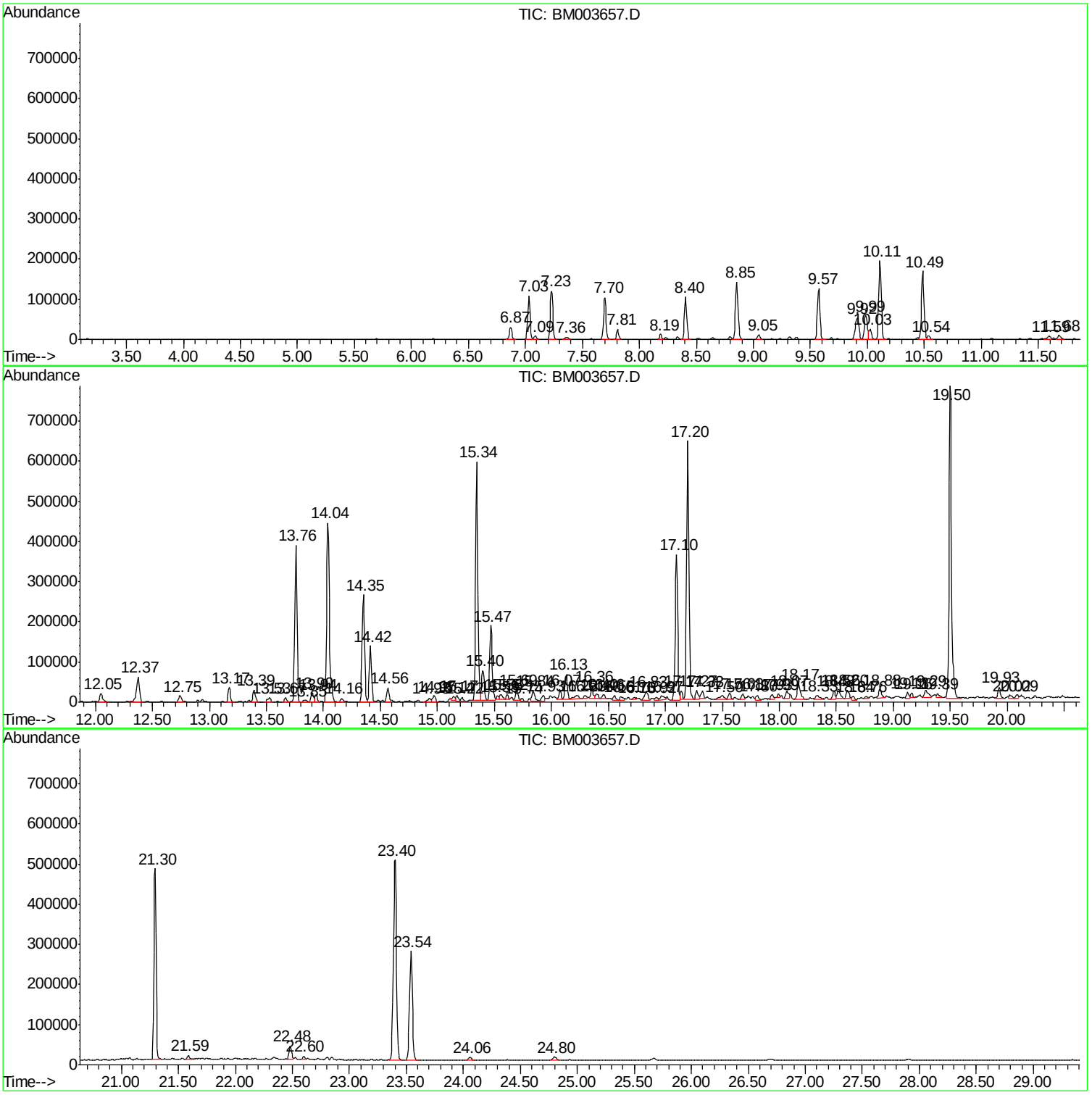
Sum of corrected areas: 11900615

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

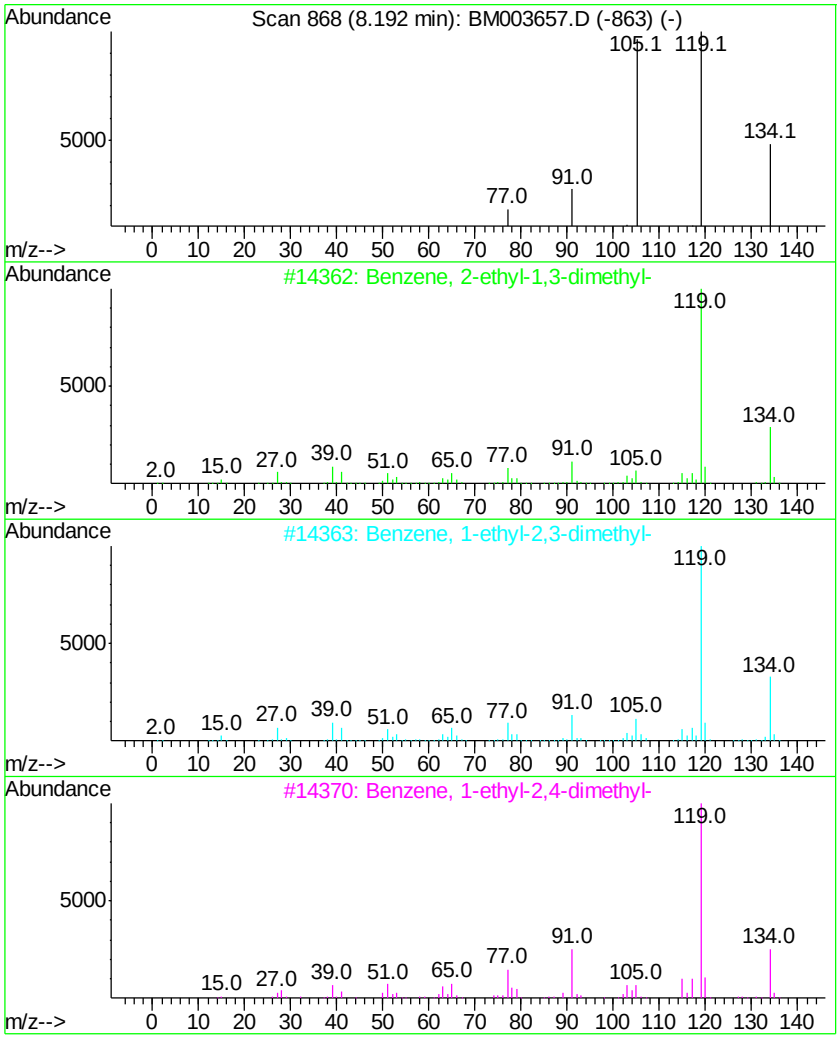
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

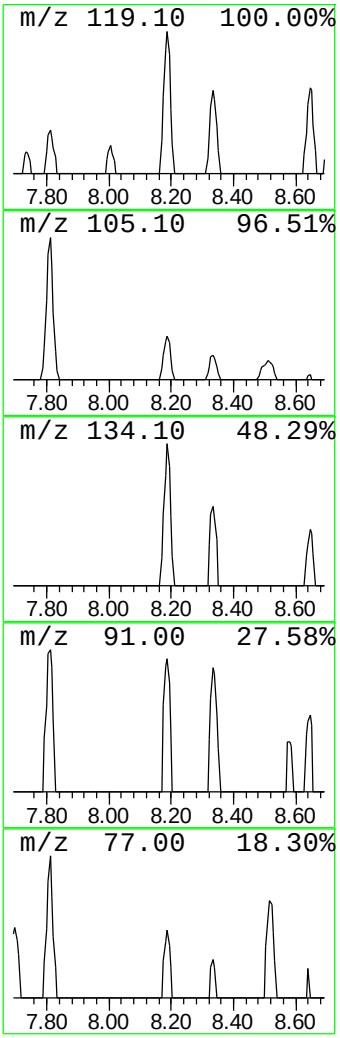
****

Peak Number 2 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	2.08 ng/ul	16794	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

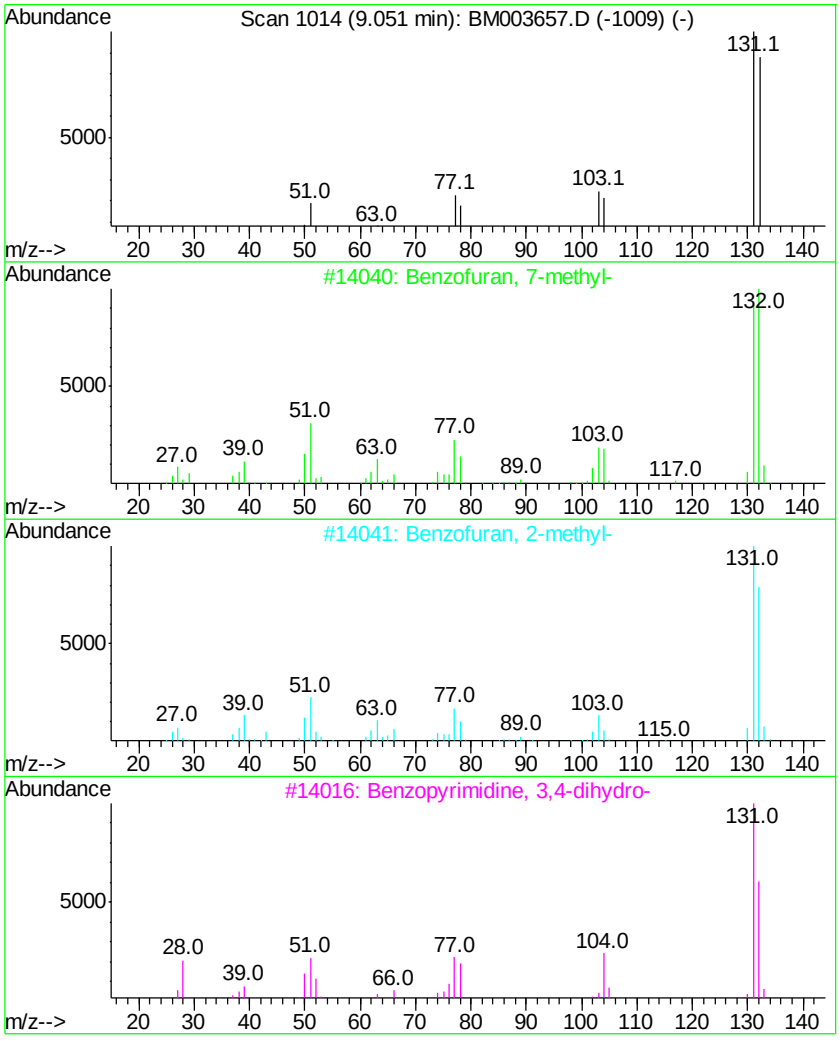
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

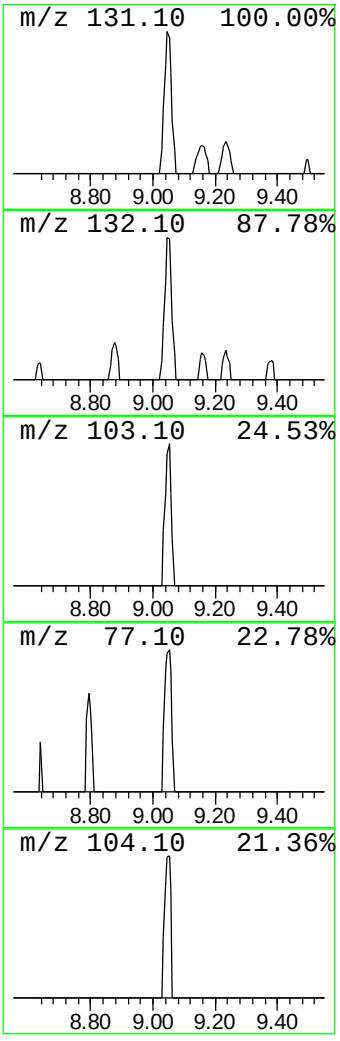
****

Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	2.30 ng/ul	18607	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

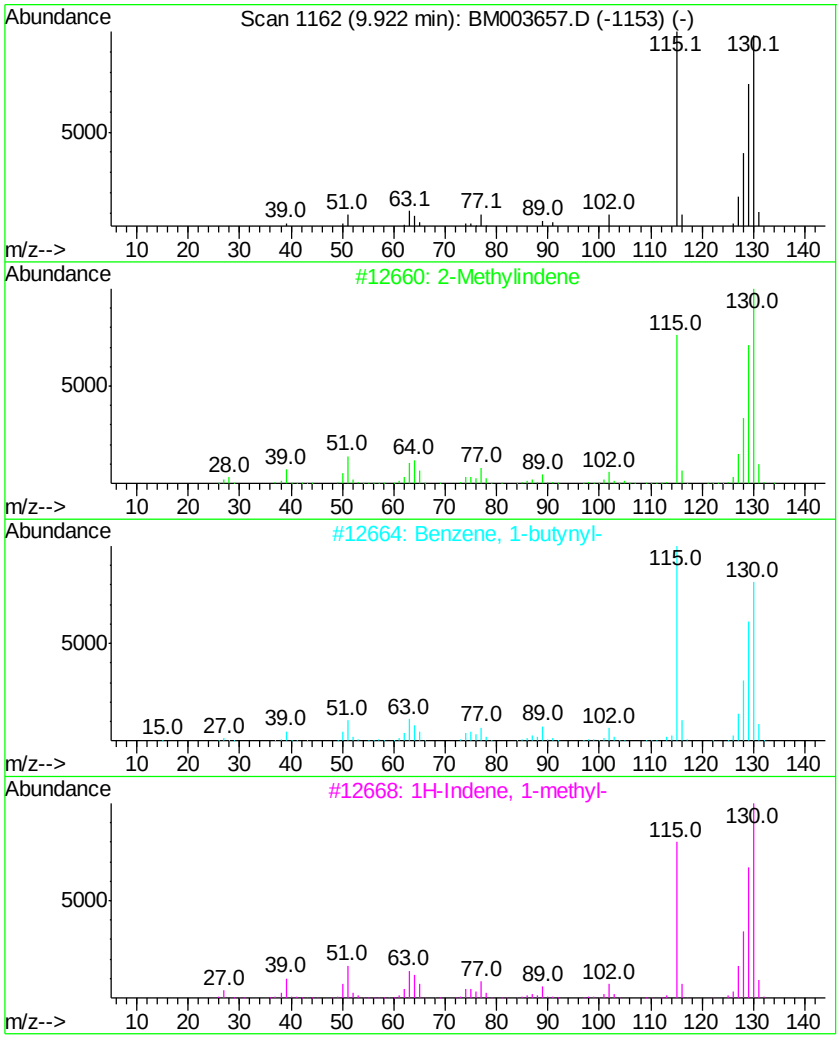
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

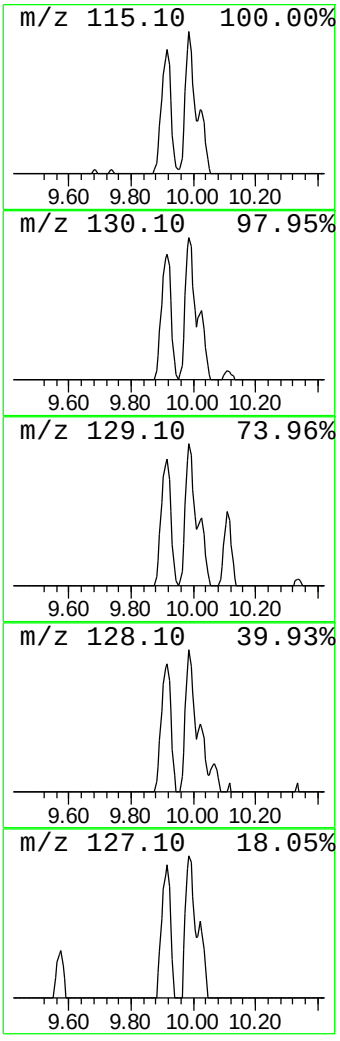
****

Peak Number 4 2-Methylindene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	8.86 ng/ul	121840	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	94
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

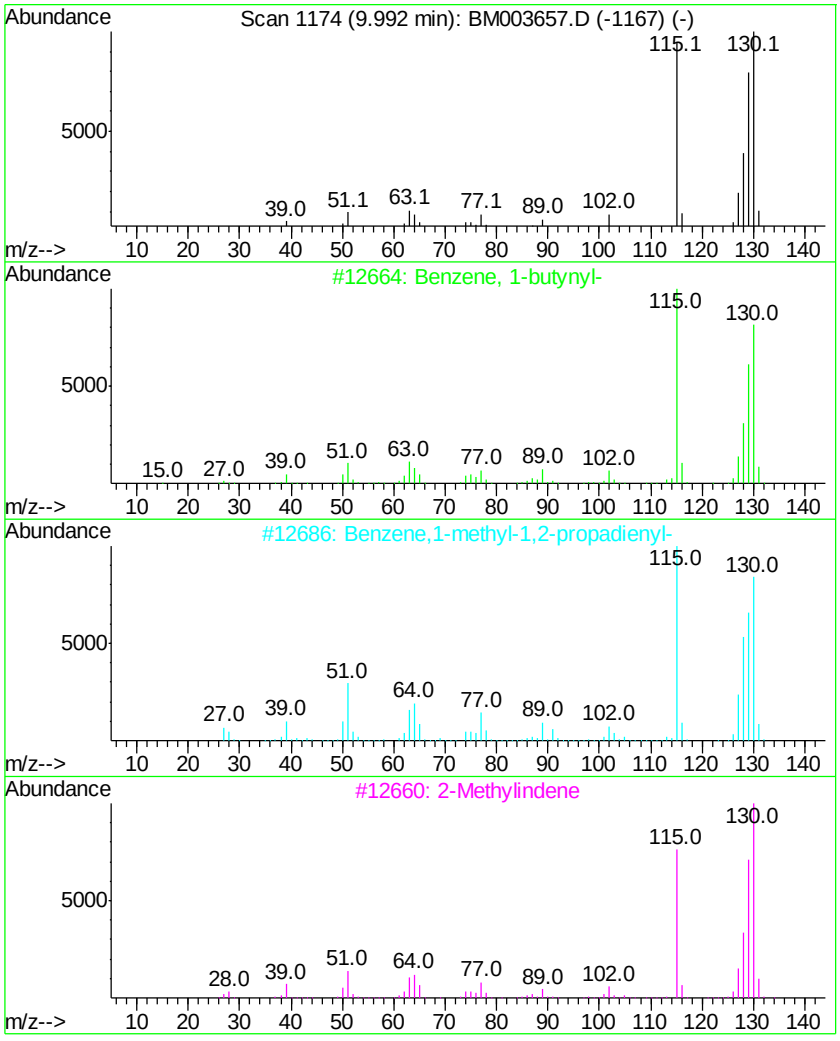
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

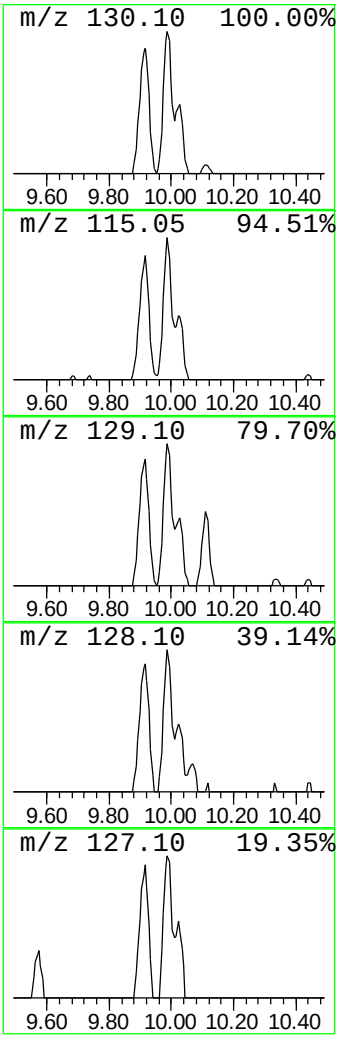
****

Peak Number 5 Benzene, 1-butynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	7.90 ng/ul	108656	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	2-Methylindene	130	C10H10	002177-47-1	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

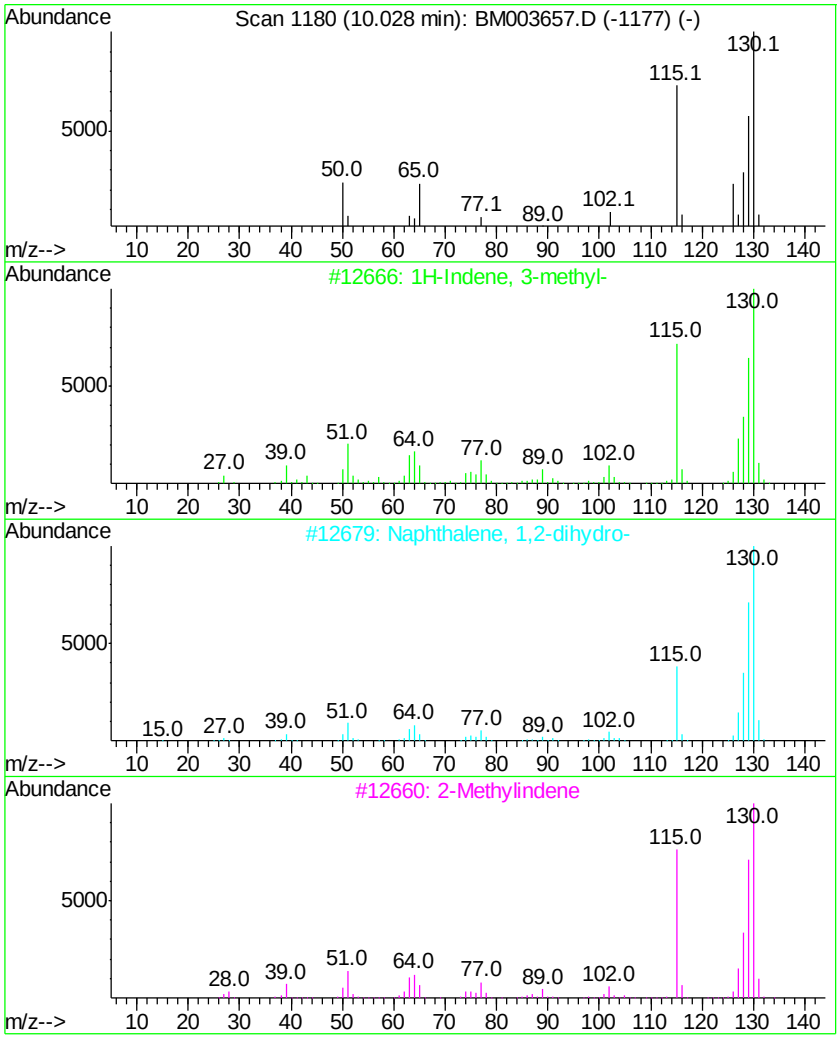
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

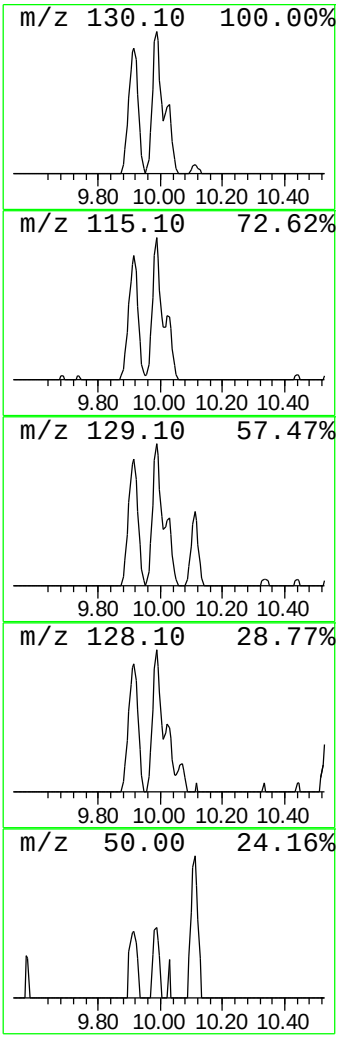
****

Peak Number 6 1H-Indene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.82 ng/ul	38800	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	53
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	52
3	2-Methylindene	130	C10H10	002177-47-1	52
4	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	50
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

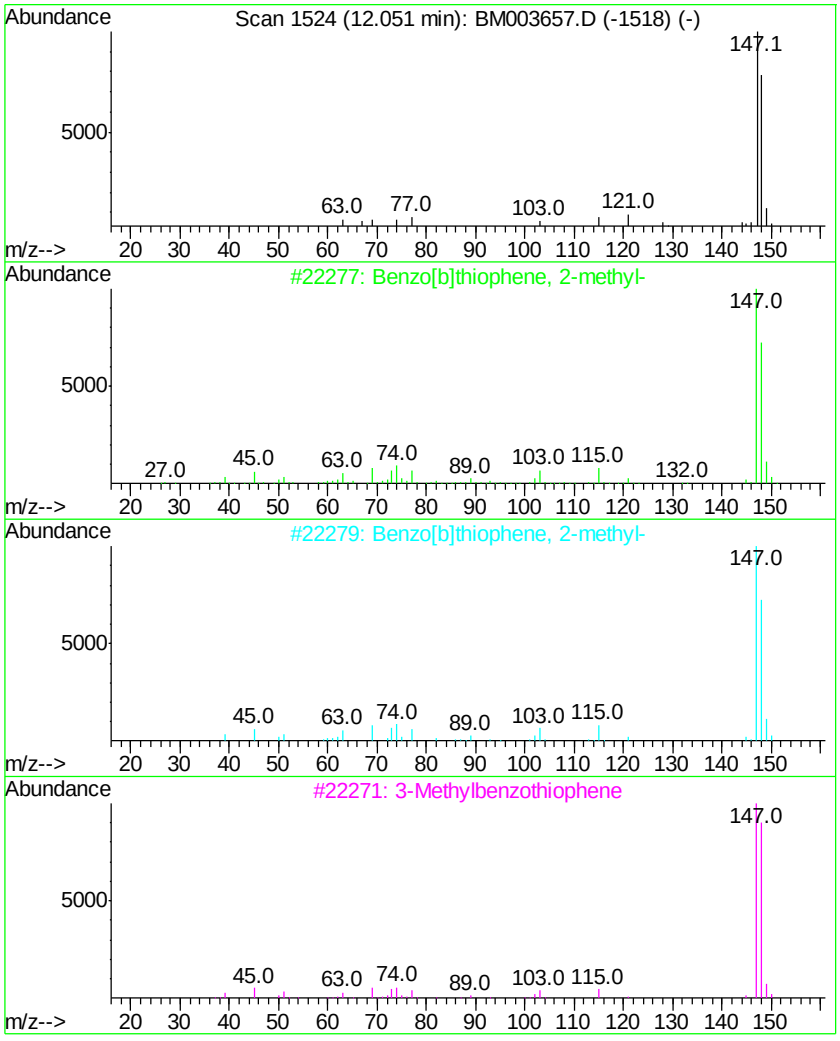
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

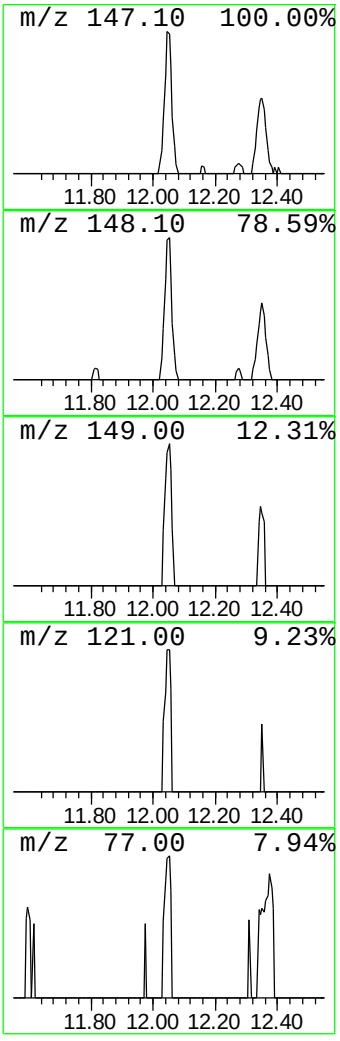
****

Peak Number 7 Benzo[b]thiophene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.77 ng/ul	38079	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	80
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	80
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80
4	Pyridine, 4-(1-pyrrolidinyl)-	148	C9H12N2	002456-81-7	72
5	Pyridine, 4-(1-pyrrolidinyl)-	148	C9H12N2	002456-81-7	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

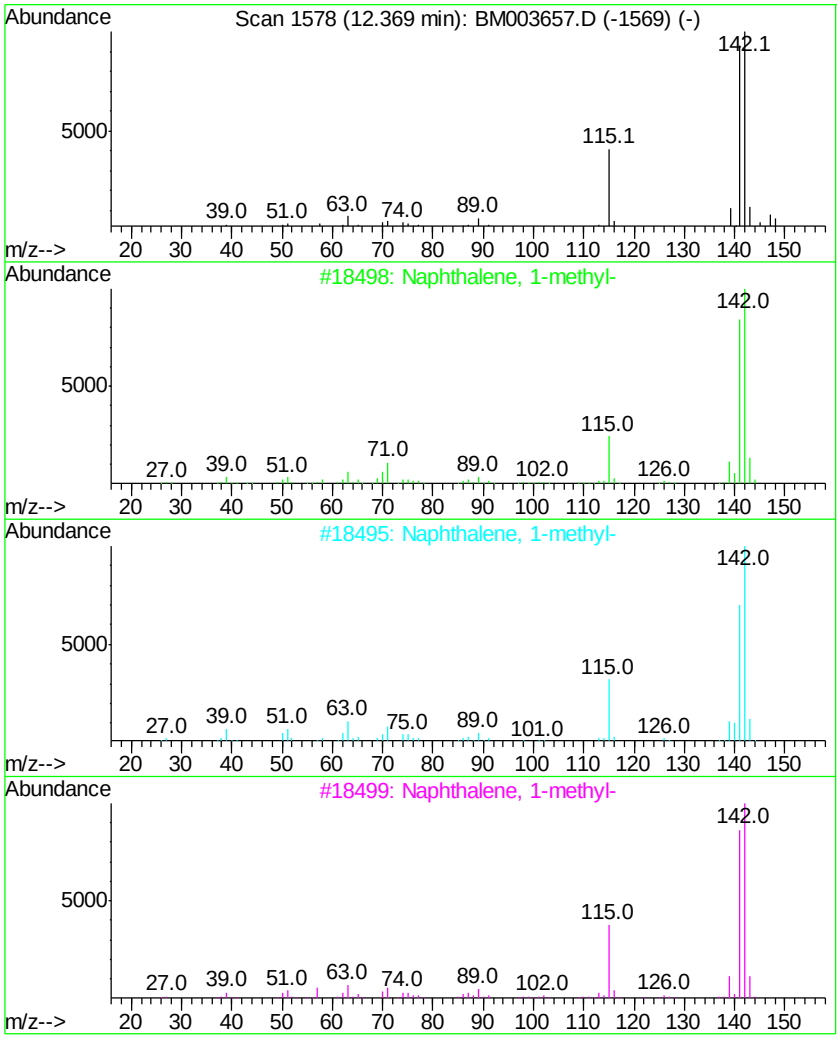
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

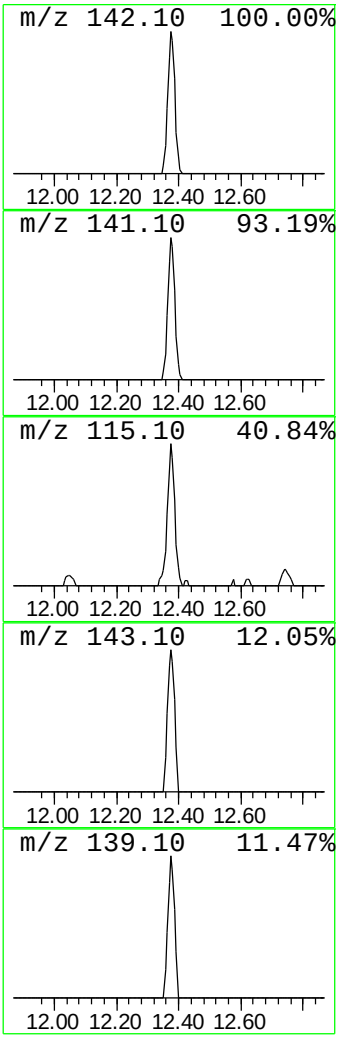
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.32 ng/ul	114335	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

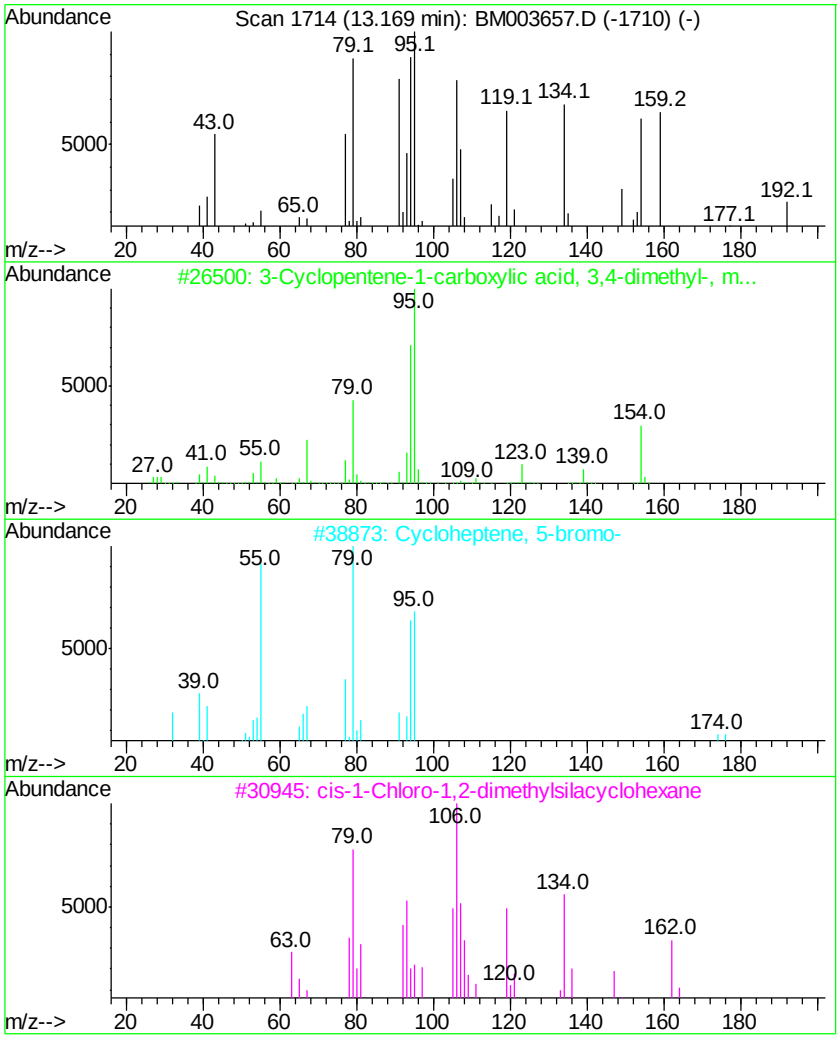
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

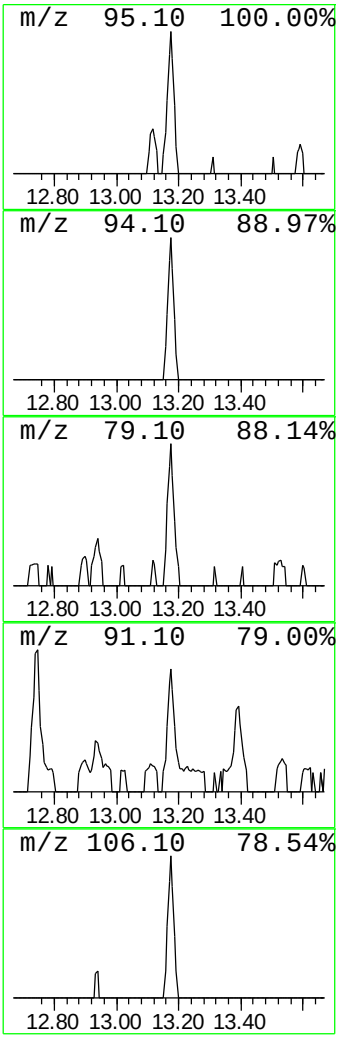
****

Peak Number 9 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.41 ng/ul	50130	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopentene-1-carboxylic acid...	154	C9H14O2	062185-64-2	35
2	Cycloheptene, 5-bromo-	174	C7H11Br	054484-64-9	18
3	cis-1-Chloro-1,2-dimethylsilacyc...	162	C7H15ClSi	101772-60-5	16
4	1H-Cycloprop[c]inden-7-ol, octah...	152	C10H16O	094216-05-4	15
5	Toluene-D3	95	C7H5D3	001124-18-1	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

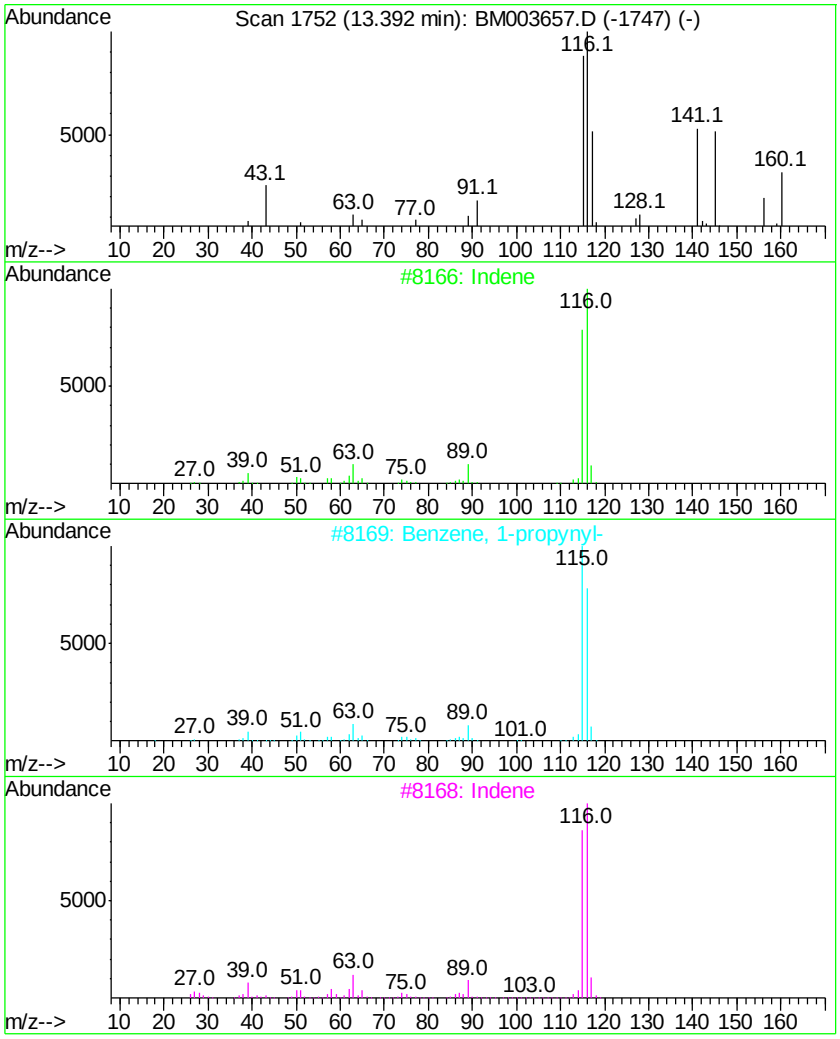
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

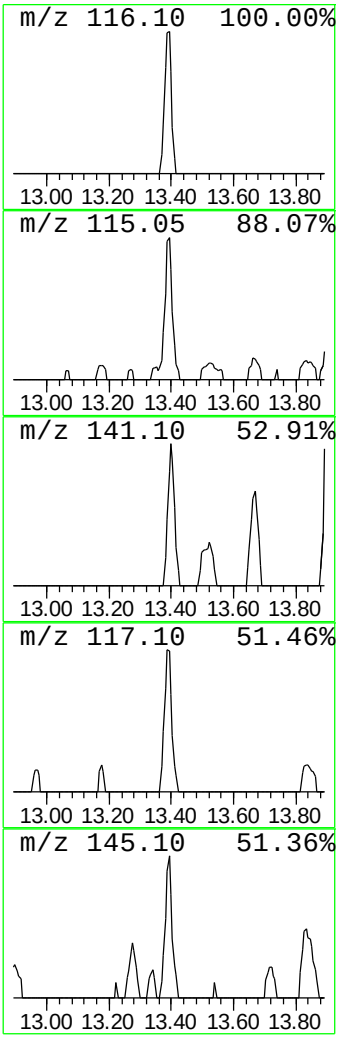
****

Peak Number 10 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.36 ng/ul	49137	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	38
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	38
3	Indene	116	C9H8	000095-13-6	32
4	Indene	116	C9H8	000095-13-6	32
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

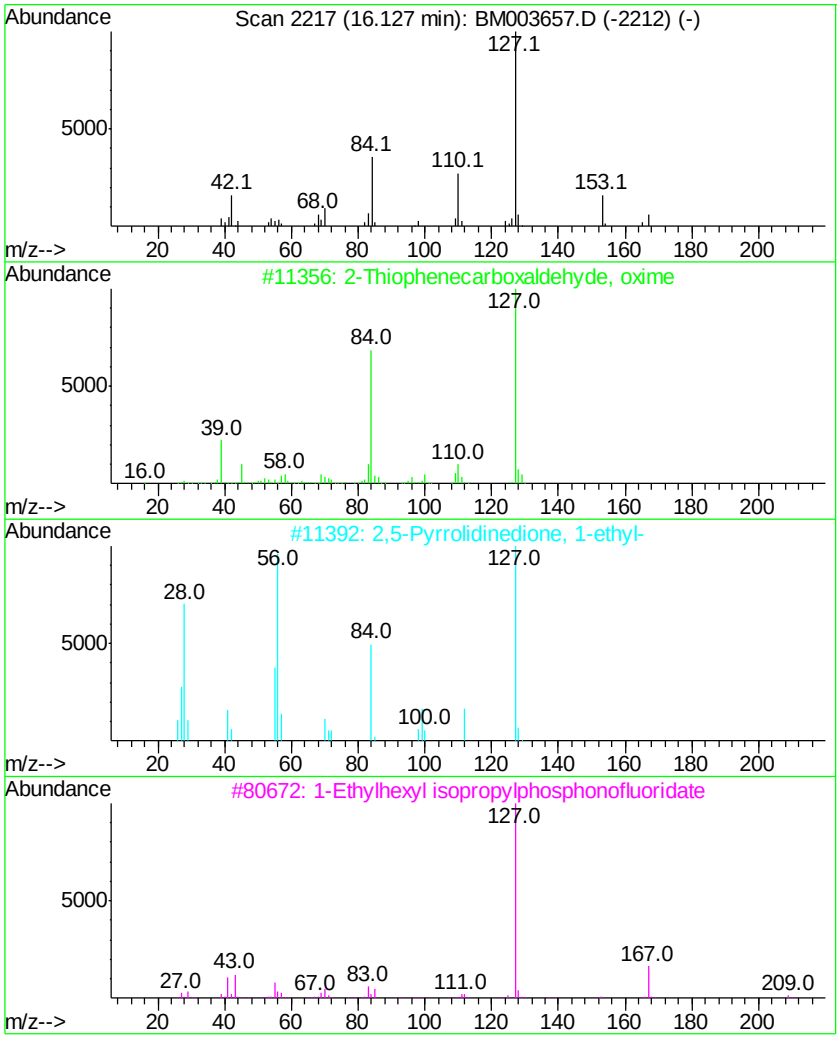
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

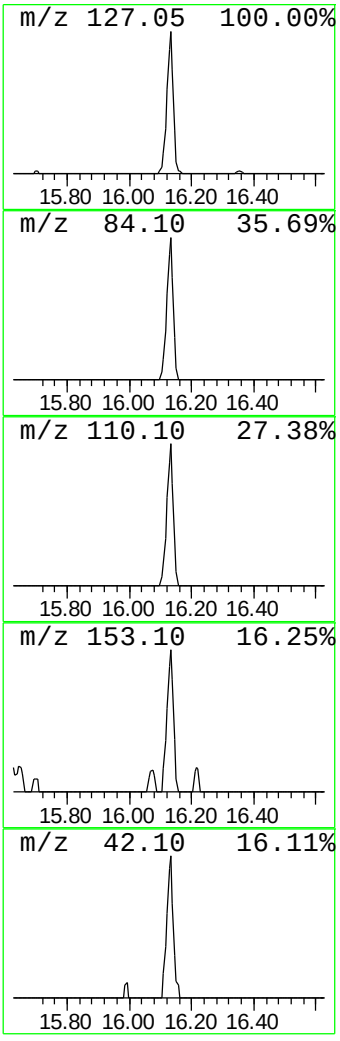
****

Peak Number 11 2-Thiophenecarboxaldehyde, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.39 ng/ul	88051	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	50
2	2,5-Pyrrolidinedione, 1-ethyl-	127	C6H9NO2	002314-78-5	50
3	1-Ethylhexyl isopropylphosphonof...	238	C11H24FO2P	1000298-40-4	47
4	1H-Imidazole, 1-methyl-5-nitro-	127	C4H5N3O2	003034-42-2	43
5	1-Ethylhexyl propylphosphonofluo...	238	C11H24FO2P	1000298-40-8	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

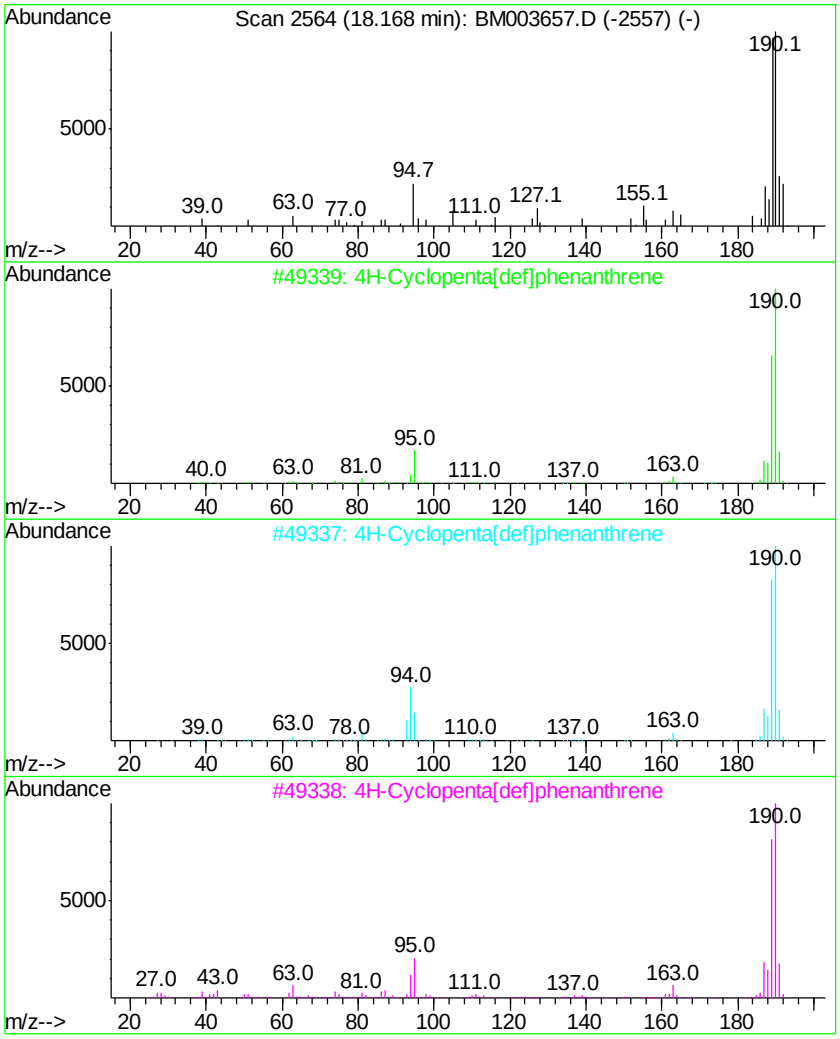
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

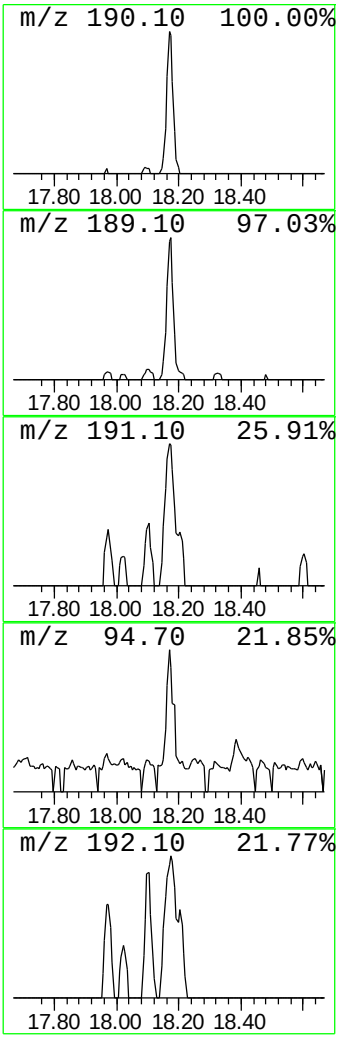
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.13 ng/ul	81242	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	33





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

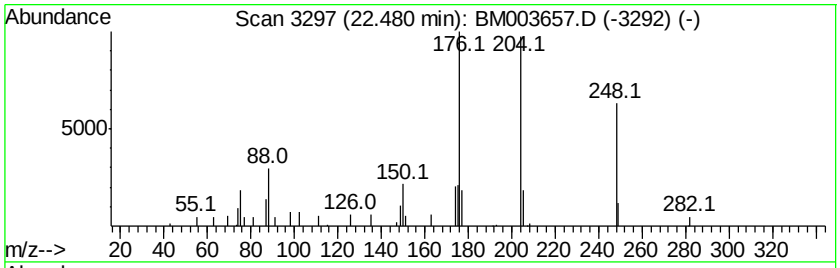
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

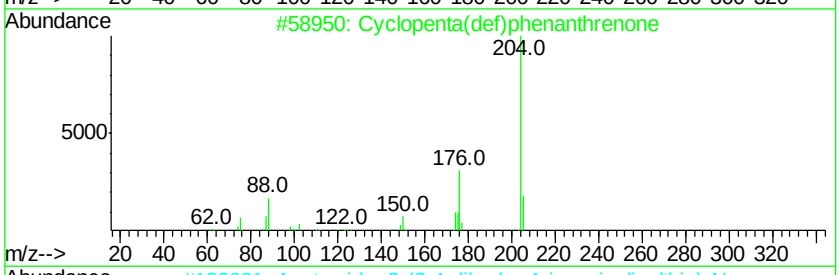
****

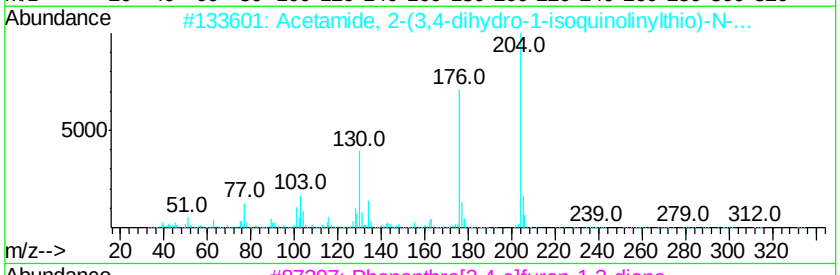
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

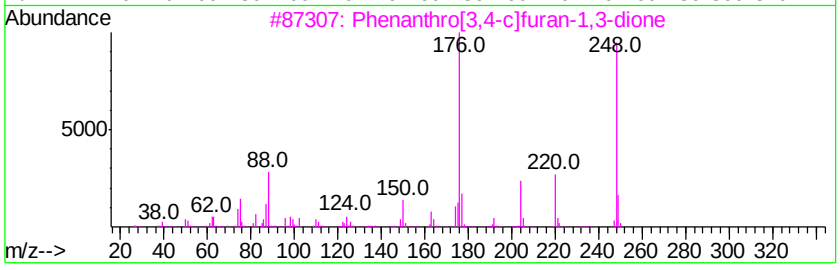
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.24 ng/ul	55799	Perylene-d12	23.54

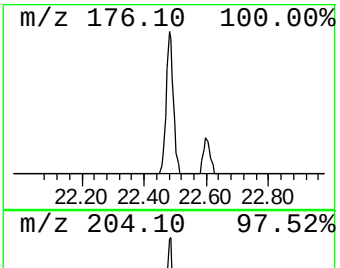
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	43
3	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	40
4	6-Methoxy-8-nitro-2-quinoline ca...	248	C11H8N2O5	133378-40-2	32
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	22

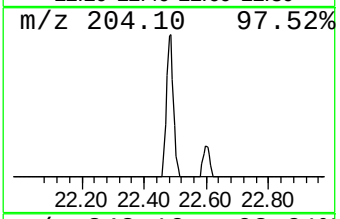


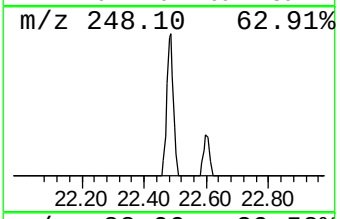


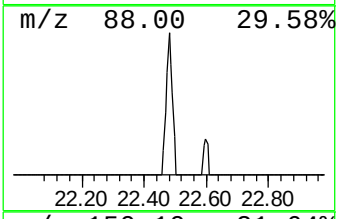


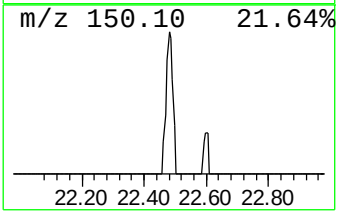












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122015\
Data File : BM003657.D
Acq On : 20 Dec 2015 16:41
Operator : UM/SJ
Sample : G4867-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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, 2-ethyl-...	8.19	2.1	ng/ul	16794	1	7.70	161859	20.0
Benzofuran, 7-met...	9.05	2.3	ng/ul	18607	1	7.70	161859	20.0
2-Methylindene	9.92	8.9	ng/ul	121840	2	10.49	274938	20.0
Benzene, 1-butynyl-	9.99	7.9	ng/ul	108656	2	10.49	274938	20.0
1H-Indene, 3-methyl-	10.03	2.8	ng/ul	38800	2	10.49	274938	20.0
Benzo[b]thiophene...	12.05	2.8	ng/ul	38079	2	10.49	274938	20.0
Naphthalene, 1-me...	12.37	8.3	ng/ul	114335	2	10.49	274938	20.0
unknown-01	13.17	2.4	ng/ul	50130	3	14.35	415780	20.0
Indene	13.39	2.4	ng/ul	49137	3	14.35	415780	20.0
2-Thiophenecarbox...	16.13	3.4	ng/ul	88051	4	17.10	519636	20.0
4H-Cyclopenta[def...	18.17	3.1	ng/ul	81242	4	17.10	519636	20.0
Cyclopenta(def)ph...	22.48	2.2	ng/ul	55799	6	23.54	497760	20.0