LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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	3.899	133	138	150	rBB	122008	182695	0.56%	0.154%
2	5.222	355	363	371	rBV	3469290	5986766	18.33%	5.050%
3	5.369	378	388	400	rVB	1187645	2456955	7.52%	2.073%
4	5.716	440	447	456	rBB	1128124	1744287	5.34%	1.471%
5	6.187	521	527	535	rBB	283782	431052	1.32%	0.364%
6	6.681	605	611	617	rBV	88079	133202	0.41%	0.112%
7	6.787	623	629	634	rBV	304191	457817	1.40%	0.386%
8	6.845	634	639	647	rVV	609683	941698	2.88%	0.794%
9	6.922	647	652	660	rVB	149854	233407	0.71%	0.197%
10	7.034	664	671	675	rBV	76010	115185	0.35%	0.097%
11	7.087	675	680	686	rVV	247162	374064	1.15%	0.316%
12	7.234	699	705	710	rBV	81738	126191	0.39%	0.106%
13	7.345	718	724	733	rVV2	899884	1704785	5.22%	1.438%
14	7.698	778	784	788	rBV	76392	123772	0.38%	0.104%
15	7.816	795	804	811	rVV	627174	1104734	3.38%	0.932%
16	7.887	811	816	822	rVB	92299	157772	0.48%	0.133%
17	8.098	836	852	857	rBV	4907198	12147927	37.20%	10.247%
18	8.192	863	868	870	rVV	130506	174536	0.53%	0.147%
19	8.245	870	877	883	rVV	2464406	4212309	12.90%	3.553%
20	8.334	883	892	897	rVV	88435	136479	0.42%	0.115%
21	8.410	897	905	912	rVB2	74791	130947	0.40%	0.110%
22	8.798	965	971	976	rVB	269639	403667	1.24%	0.341%
23	8.875	976	984	991	rVB2	305332	599210	1.84%	0.505%
24	8.963	991	999	1007	rBV	67896	156011	0.48%	0.132%
25	9.051	1007	1014	1022	rVB2	135797	266849	0.82%	0.225%
26	9.169	1022	1034	1041	rBV2	231542	560431	1.72%	0.473%
27	9.233	1041	1045	1055	rVB	81609	130552	0.40%	0.110%
28	9.381	1064	1070	1077	rVB	143738	238198	0.73%	0.201%
29	9.581	1099	1104	1110	rVV	86930	154580	0.47%	0.130%
30	9.739	1125	1131	1139	rVB	668914	1085283	3.32%	0.915%
31	9.898	1147	1158	1159	rBV	763836	1279963	3.92%	1.080%
32	9.998	1168	1175	1180	rBV	1121209	2648000	8.11%	2.234%
33	10.128	1190	1197	1203	rBV	235853	442291	1.35%	0.373%
34	10.198	1203	1209	1217	rVB	143972	258249	0.79%	0.218%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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	10.633	1252	1283	1287	rBV	6087995	32653871	100.00%	27.544%
36	10.692	1287	1293	1299	rVB	1316124	2003326	6.14%	1.690%
37	11.080	1349	1359	1367	rVV4	66248	157843	0.48%	0.133%
38	11.333	1393	1402	1411	rVV2	141651	350775	1.07%	0.296%
39	11.533	1424	1436	1439	rBV	93489	179973	0.55%	0.152%
40	11.592	1439	1446	1450	rVV4	89540	258086	0.79%	0.218%
41	11.686	1457	1462	1473	rVB	130968	250253	0.77%	0.211%
42	11.886	1490	1496	1505	rBV3	111089	240818	0.74%	0.203%
43	12.051	1520	1524	1530	rVV2	187618	332219	1.02%	0.280%
44	12.174	1536	1545	1551	rVV	3442333	6722629	20.59%	5.671%
45	12.280	1557	1563	1569	rVB	140586	286649	0.88%	0.242%
46	12.398	1569	1583	1588	rBV	3263035	6380408	19.54%	5.382%
47	12.545	1603	1608	1614	rVV3	72576	176393	0.54%	0.149%
48	12.763	1638	1645	1649	rBV2	87450	146797	0.45%	0.124%
49	13.180	1705	1716	1730	rVB	627449	1108401	3.39%	0.935%
50	13.316	1730	1739	1743	rBV3	137011	224185	0.69%	0.189%
51	13.374	1743	1749	1761	rVB	539146	973894	2.98%	0.822%
52	13.527	1761	1775	1781	rBV5	313171	1060339	3.25%	0.894%
53	13.586	1781	1785	1789	rVV2	108846	181040	0.55%	0.153%
54	13.668	1793	1799	1804	rVV	568554	1077372	3.30%	0.909%
55	13.721	1804	1808	1812	rVV	315404	544056	1.67%	0.459%
56	13.763	1812	1815	1821	rVV	288587	407228	1.25%	0.344%
57	13.845	1825	1829	1834	rVV3	78604	125560	0.38%	0.106%
58	13.904	1834	1839	1843	rVV	274148	434129	1.33%	0.366%
59	13.939	1843	1845	1857	rVV3	112452	211119	0.65%	0.178%
60	14.045	1857	1863	1865	rVV	342676	564328	1.73%	0.476%
61	14.068	1865	1867	1876	rVB	265336	396245	1.21%	0.334%
62	14.157	1876	1882	1889	rBV	139941	253464	0.78%	0.214%
63	14.351	1901	1915	1920	rBV4	215641	574620	1.76%	0.485%
64	14.421	1920	1927	1933	rBV	2171853	3511493	10.75%	2.962%
65	14.480	1933	1937	1942	rVB2	69251	114339	0.35%	0.096%
66	14.751	1978	1983	1992	rVV	132366	251468	0.77%	0.212%
67	14.845	1992	1999	2005	rVV	254848	416879	1.28%	0.352%
68	14.957	2012	2018	2027	rBV5	86352	272377	0.83%	0.230%
69	15.221	2059	2063	2070	rVB2	207316	341590	1.05%	0.288%
70	15.345	2079	2084	2089	rBV	538395	787726	2.41%	0.664%
71	15.404	2089	2094	2101	rVB	851695	1318128	4.04%	1.112%

LSC Area Percent Report

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Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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	15.474	2101	2106	2111	rBV2	152134	231657	0.71%	0.195%
73	15.545	2111	2118	2124	rBV2	144694	367970	1.13%	0.310%
74	15.615	2124	2130	2132	rBV2	169879	355280	1.09%	0.300%
75	15.739	2147	2151	2155	rVB	99459	141549	0.43%	0.119%
76	15.786	2155	2159	2161	rBV	144947	225913	0.69%	0.191%
77	15.815	2161	2164	2170	rVV3	305916	506724	1.55%	0.427%
78	16.092	2205	2211	2218	rVB4	72779	180904	0.55%	0.153%
79	16.292	2240	2245	2249	rBV	117705	182087	0.56%	0.154%
80	16.362	2250	2257	2262	rVV	223627	397137	1.22%	0.335%
81	16.457	2269	2273	2278	rVB3	71813	119105	0.36%	0.100%
82	16.692	2306	2313	2321	rVB2	109786	217468	0.67%	0.183%
83	16.833	2331	2337	2341	rBV	70156	120413	0.37%	0.102%
84	17.009	2360	2367	2372	rBV3	235727	461809	1.41%	0.390%
85	17.098	2378	2382	2385	rVV	281730	407080	1.25%	0.343%
86	17.145	2385	2390	2395	rVV	1161328	1747144	5.35%	1.474%
87	17.198	2395	2399	2402	rVV2	483178	674701	2.07%	0.569%
88	17.233	2402	2405	2410	rVV	213870	304173	0.93%	0.257%
89	17.504	2447	2451	2457	rVB	350496	499069	1.53%	0.421%
90	17.898	2513	2518	2522	rVV	174241	283657	0.87%	0.239%
91	17.939	2522	2525	2528	rVV	101112	143880	0.44%	0.121%
92	17.974	2528	2531	2534	rVV	104164	157404	0.48%	0.133%
93	18.021	2535	2539	2549	rVV3	182960	406213	1.24%	0.343%
94	18.098	2549	2552	2558	rVV3	93173	142491	0.44%	0.120%
95	18.168	2558	2564	2568	rVV3	145982	276401	0.85%	0.233%
96	19.162	2729	2733	2739	rVB	121727	168026	0.51%	0.142%
97	19.498	2785	2790	2794	rBV2	615330	929638	2.85%	0.784%
98	21.297	3090	3096	3100	rBV	484734	660708	2.02%	0.557%
99	23.397	3446	3453	3468	rVB	554887	1049554	3.21%	0.885%
100	23.544	3470	3478	3489	rVB2	306961	601985	1.84%	0.508%

Sum of corrected areas: 118550024

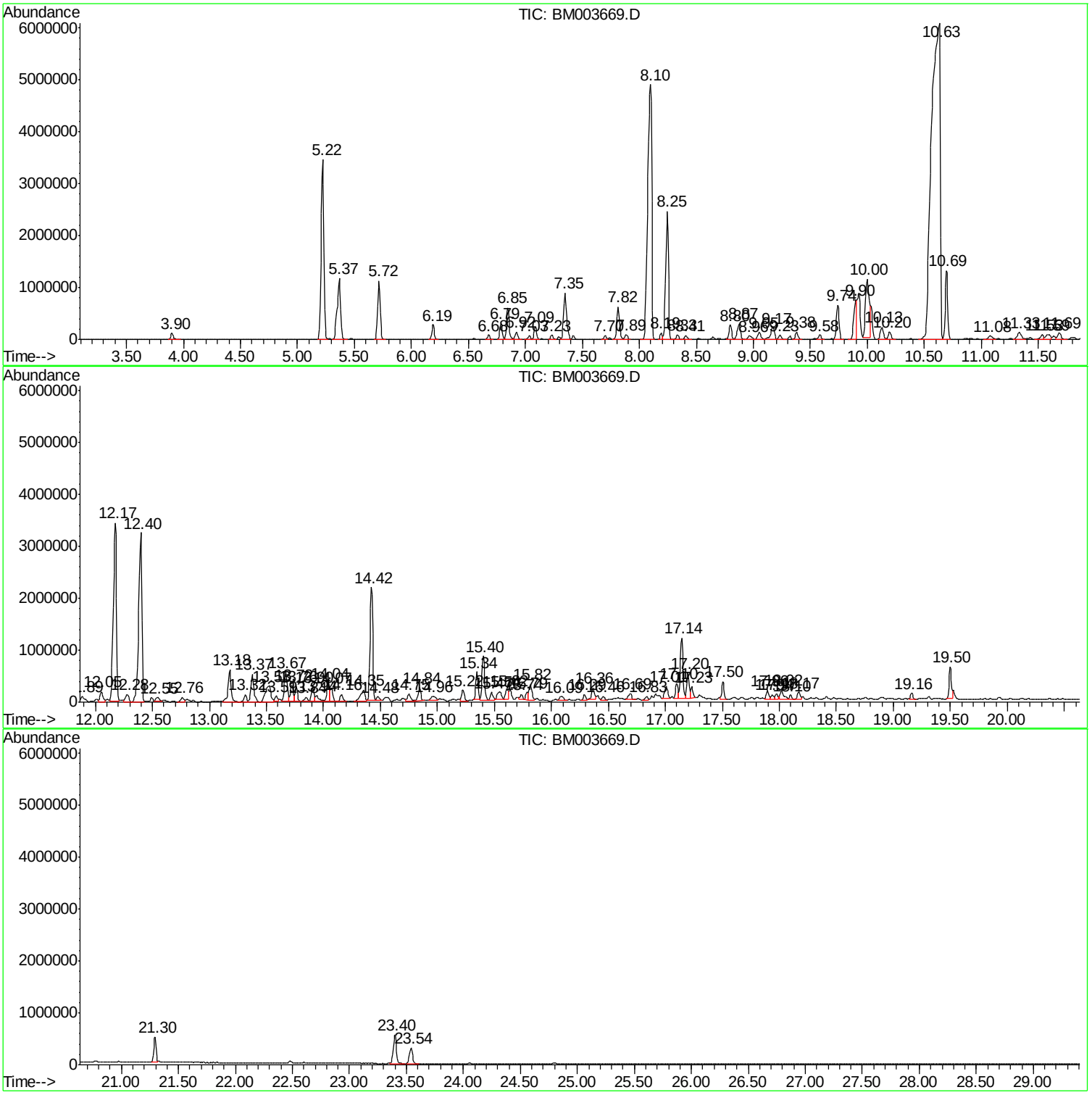
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
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Instrument : BNA_M
ClientSampleId : G9DB2

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

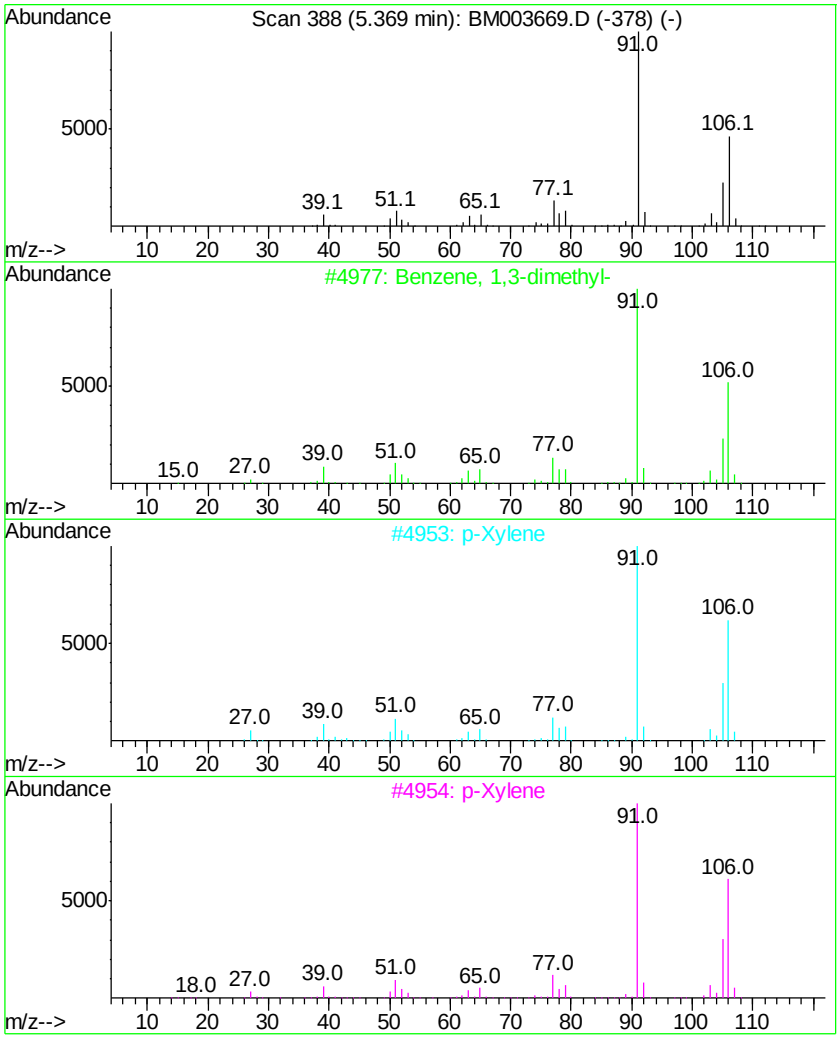
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

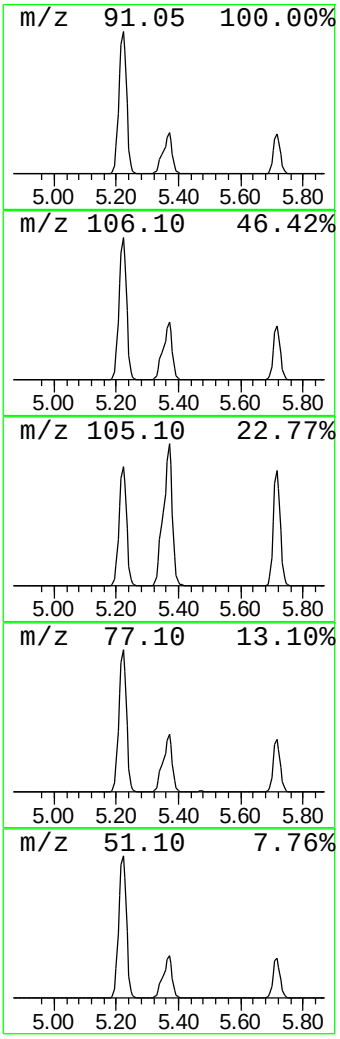
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	397.01 ng/ul	2456960	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

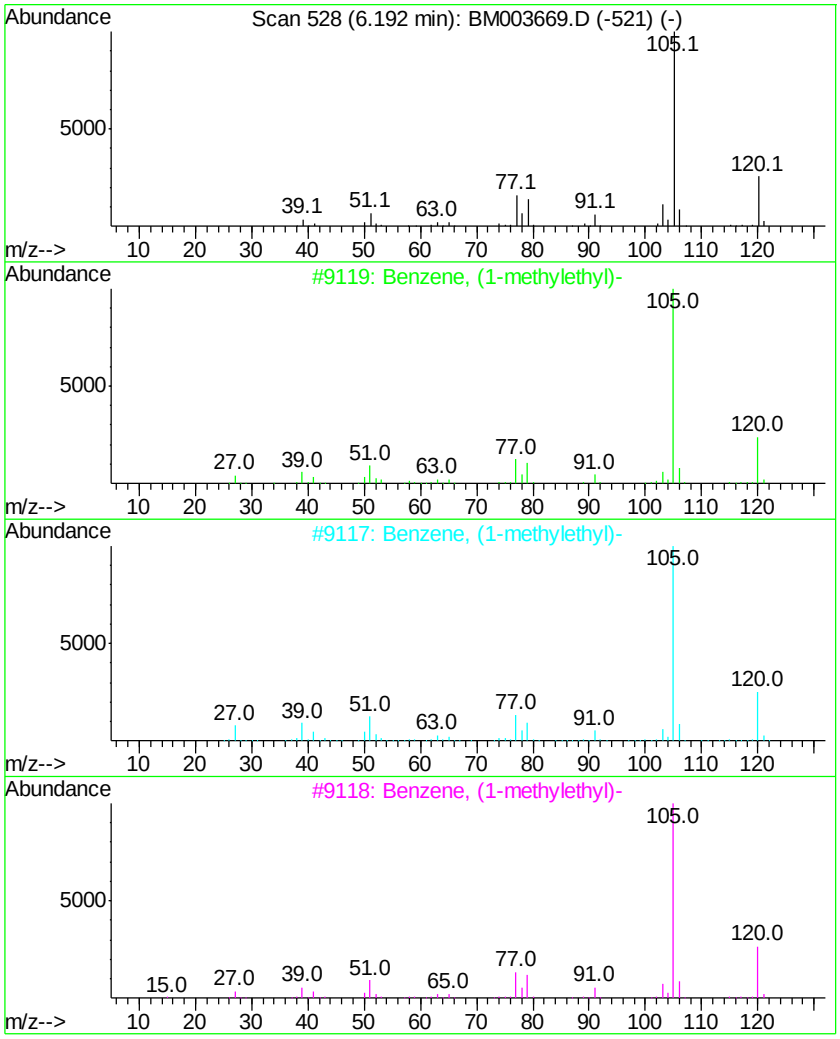
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

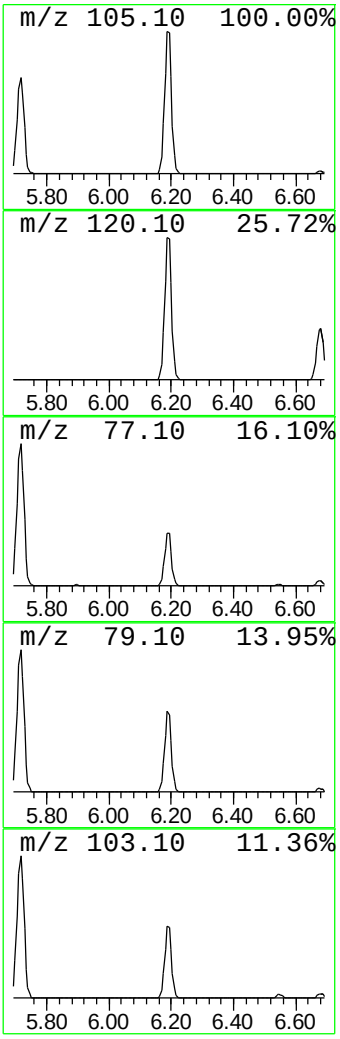
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	69.65 ng/ul	431052	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

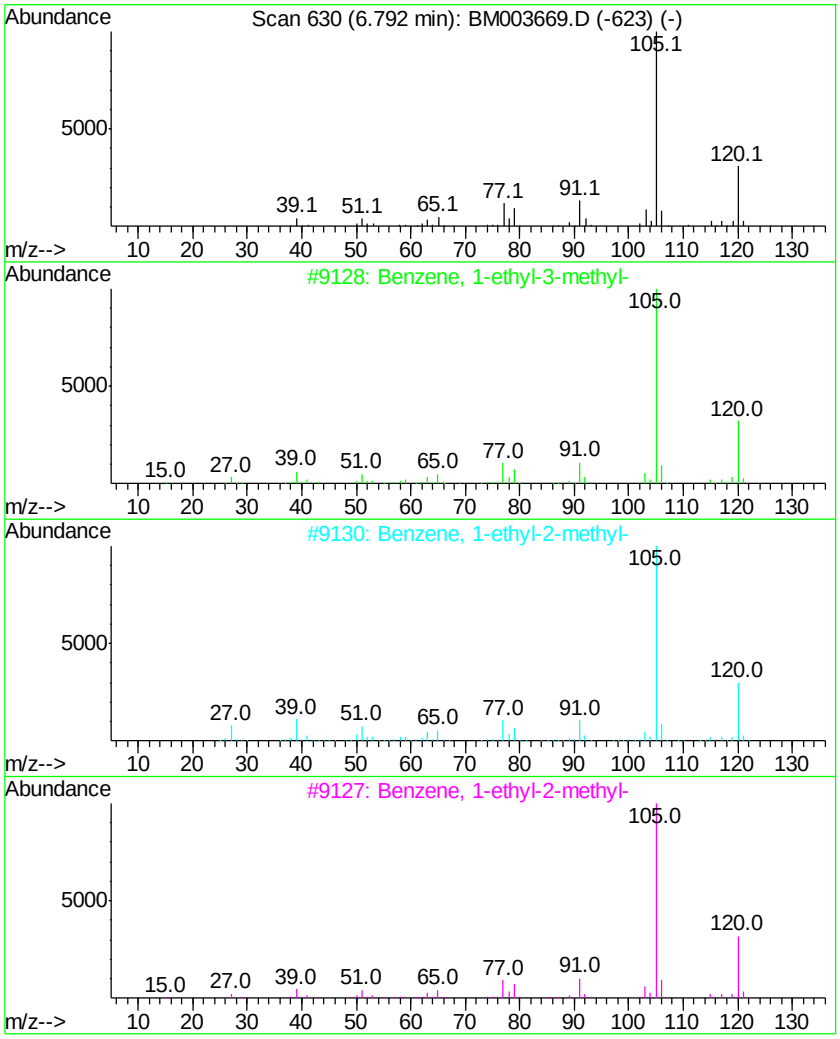
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

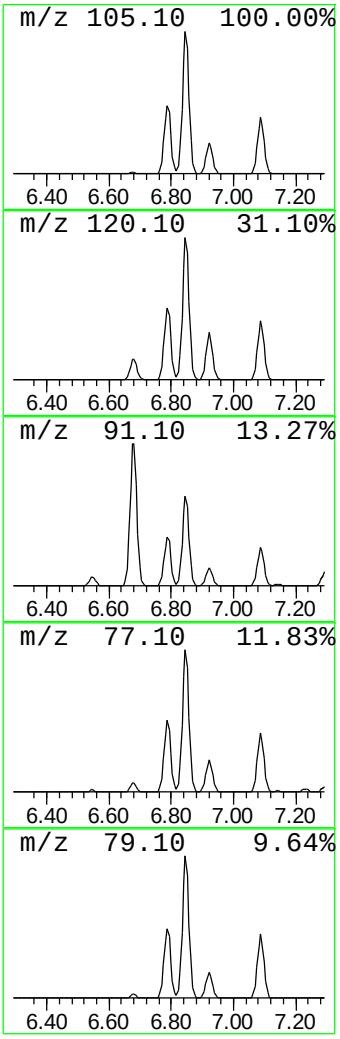
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	73.98 ng/ul	457817	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

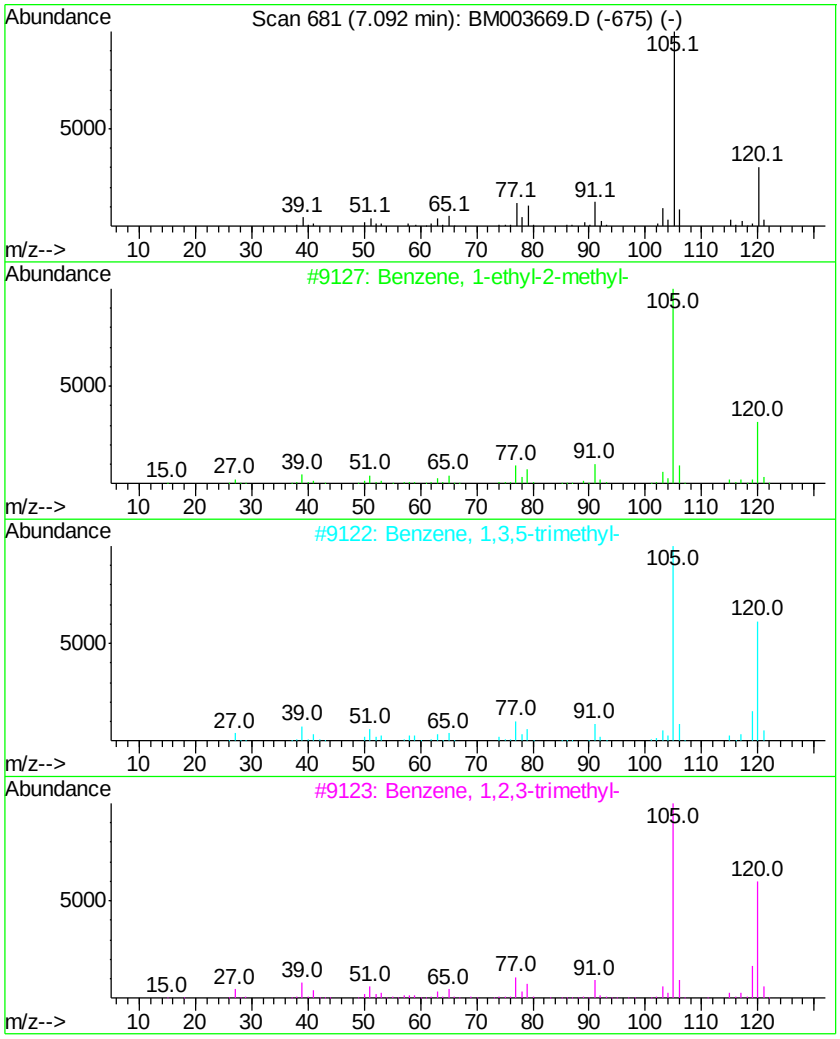
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

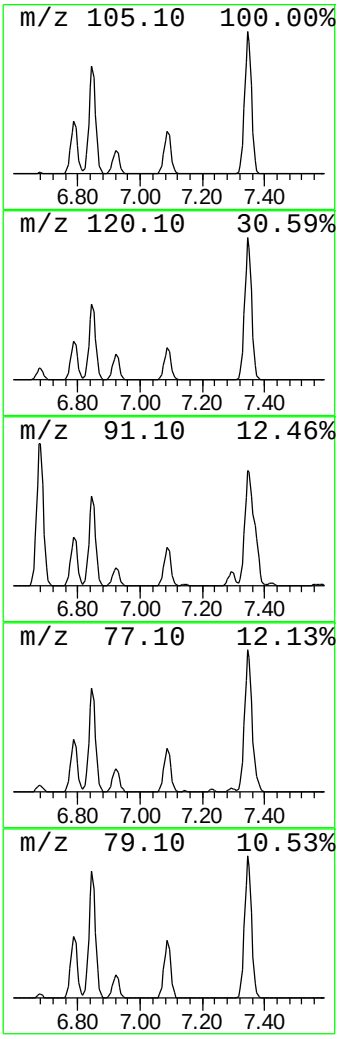
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	60.44 ng/ul	374064	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

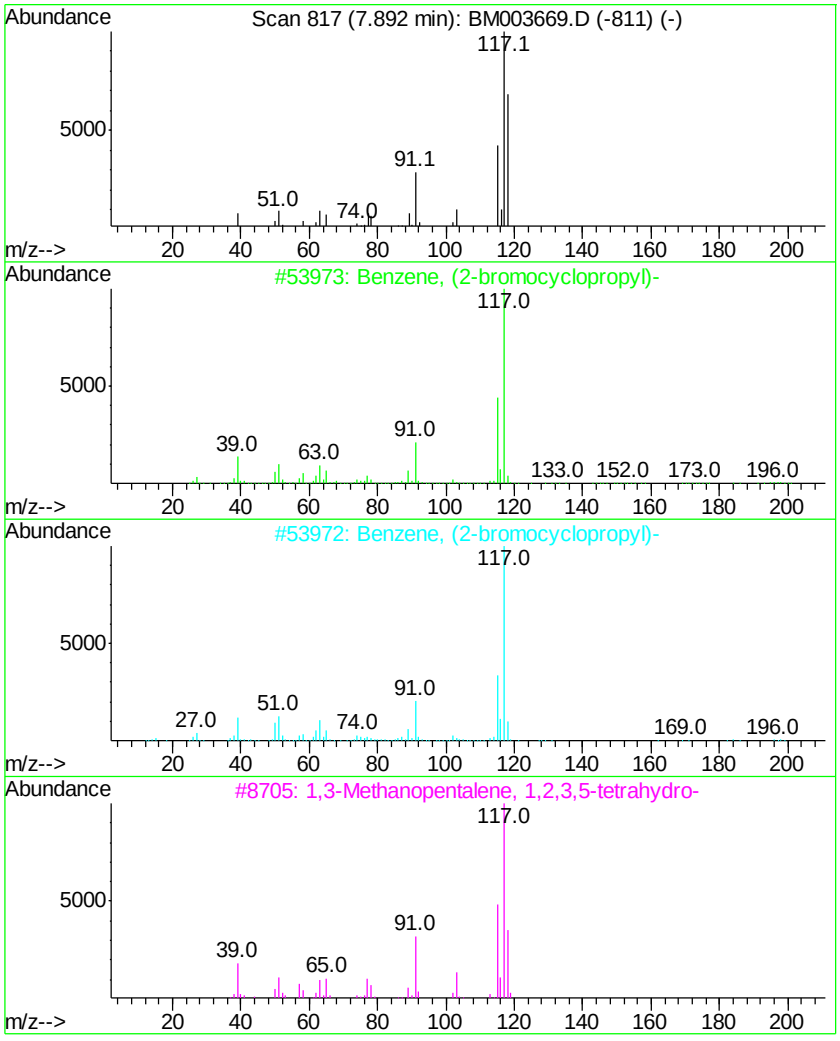
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

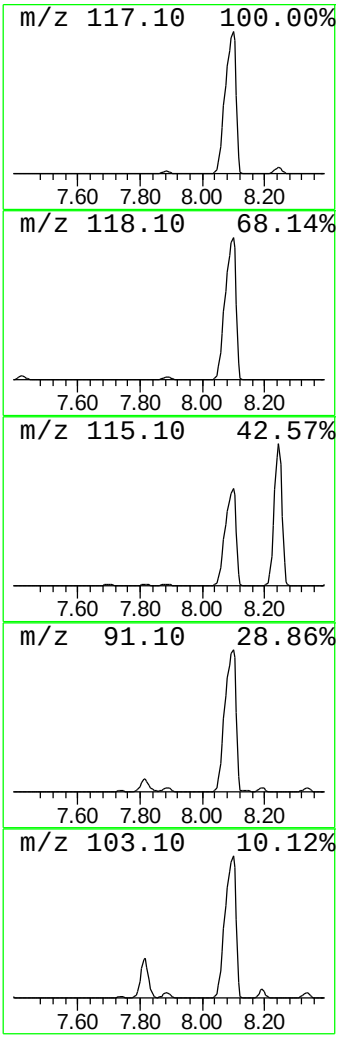
****

Peak Number 11 Benzene, (2-bromocyclopropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	25.49 ng/ul	157772	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53
3	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	50
4	Deltacyclene	118	C9H10	007785-10-6	50
5	Deltacyclene	118	C9H10	007785-10-6	50





Library Search Compound Report

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Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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Quant Title : SVOA CALIBRATION

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

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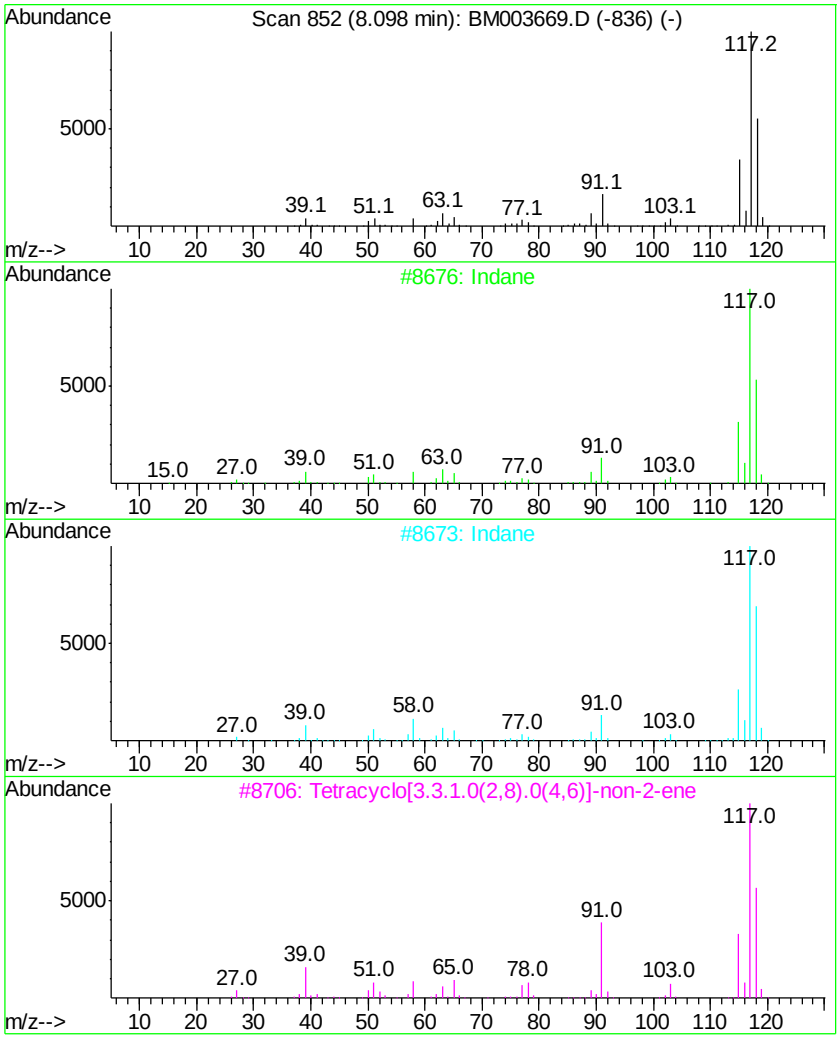
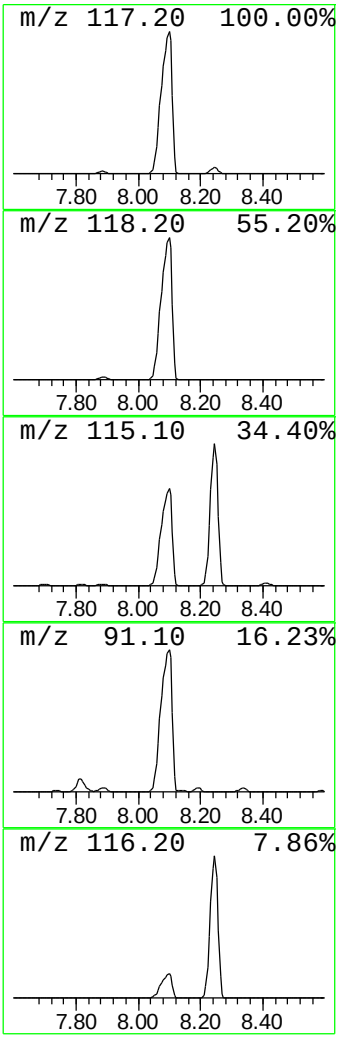
Peak Number 12 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	1962.95 ng/ul	12147900	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Deltacyclene	118	C9H10	007785-10-6	72





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ClientSampleId : G9DB2

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Quant Title : SVOA CALIBRATION

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

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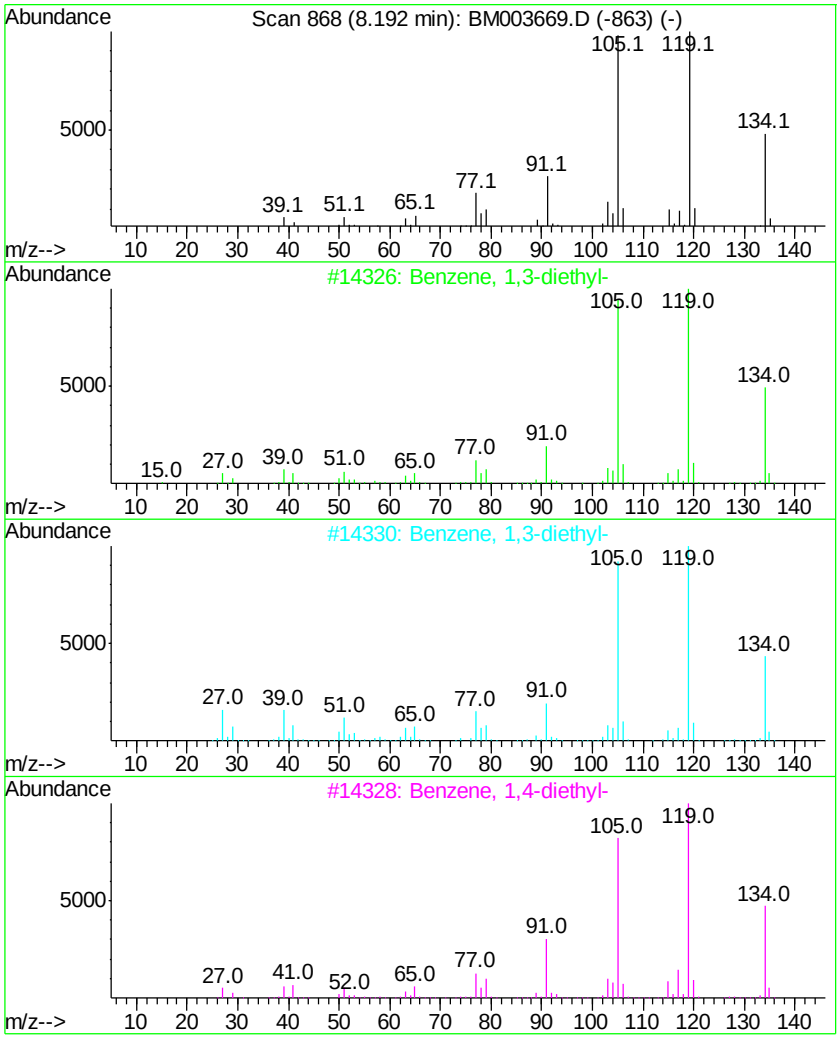
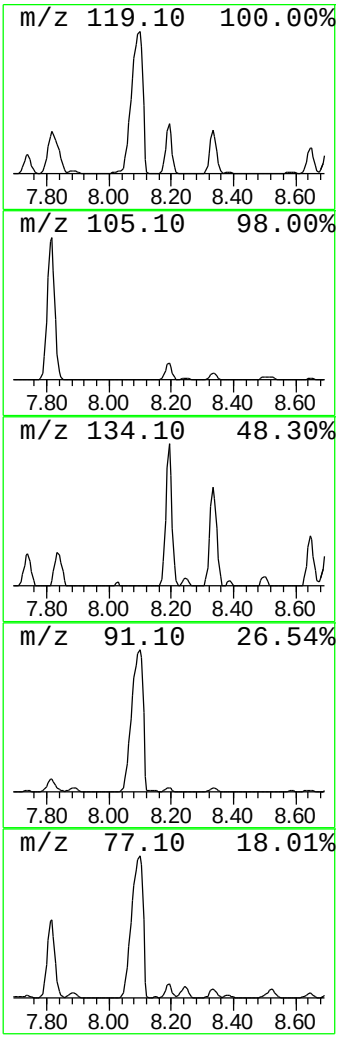
Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	28.20 ng/ul	174536	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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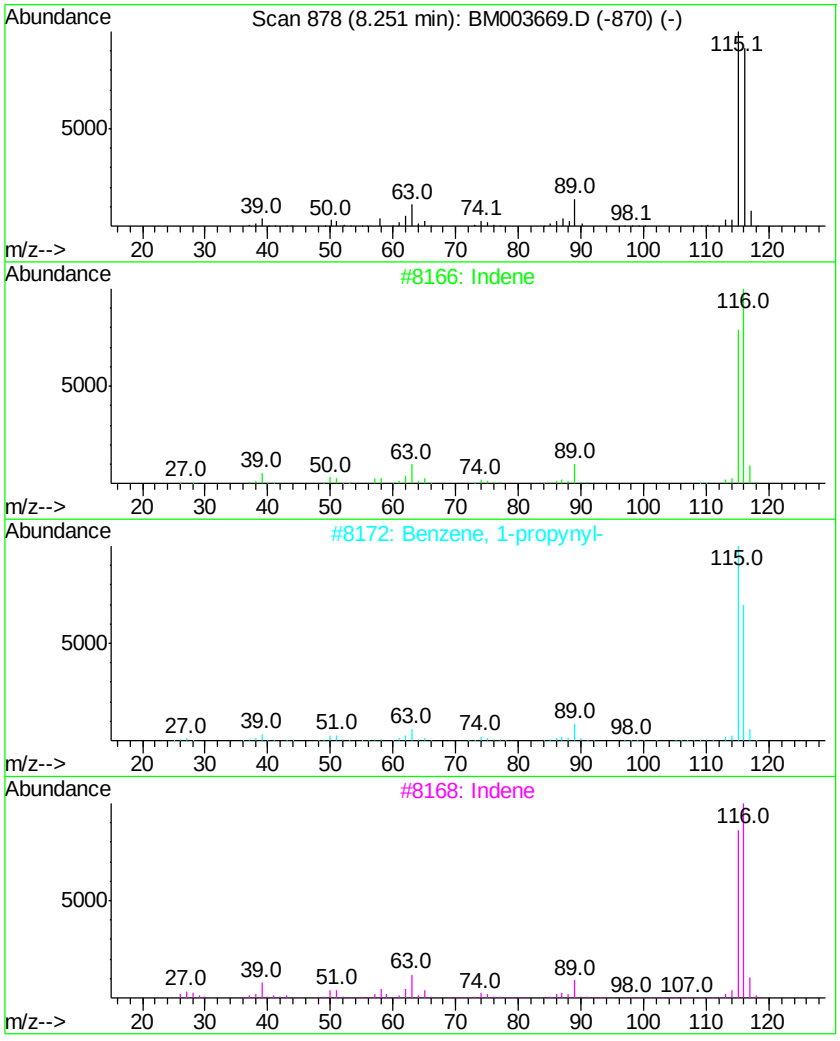
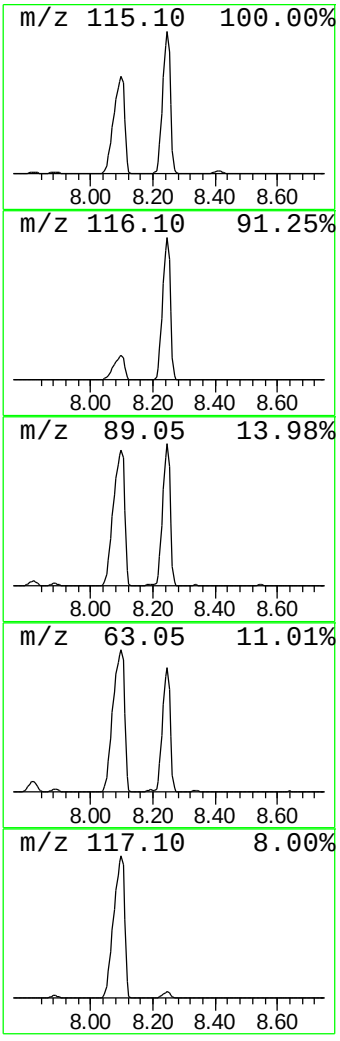
Peak Number 14 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	680.66 ng/ul	4212310	1,4-Dichlorobenzene-d4	7.70

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	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





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Instrument : BNA_M
ClientSampleId : G9DB2

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

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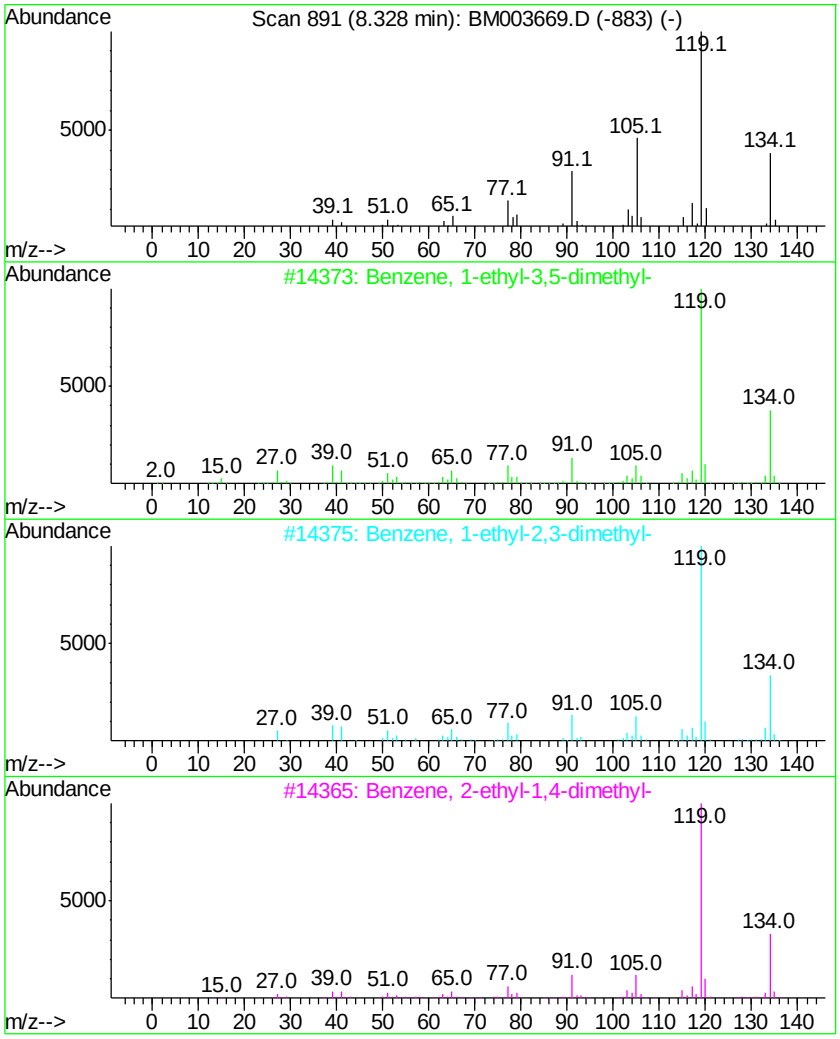
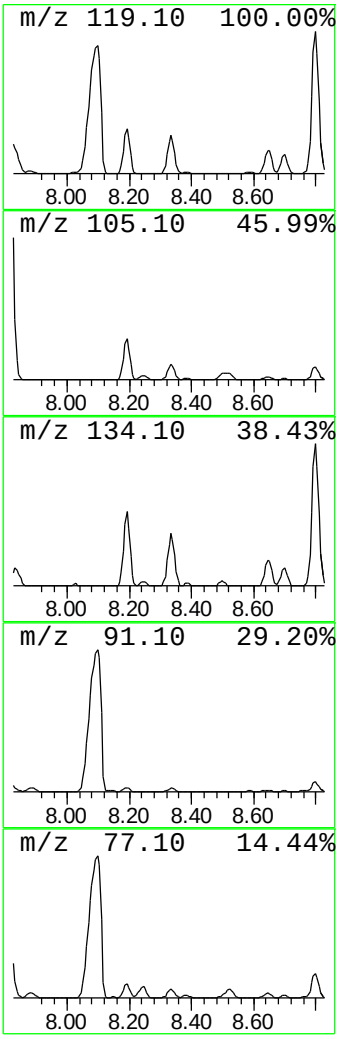
Peak Number 15 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	22.05 ng/ul	136479	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





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Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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Quant Title : SVOA CALIBRATION

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

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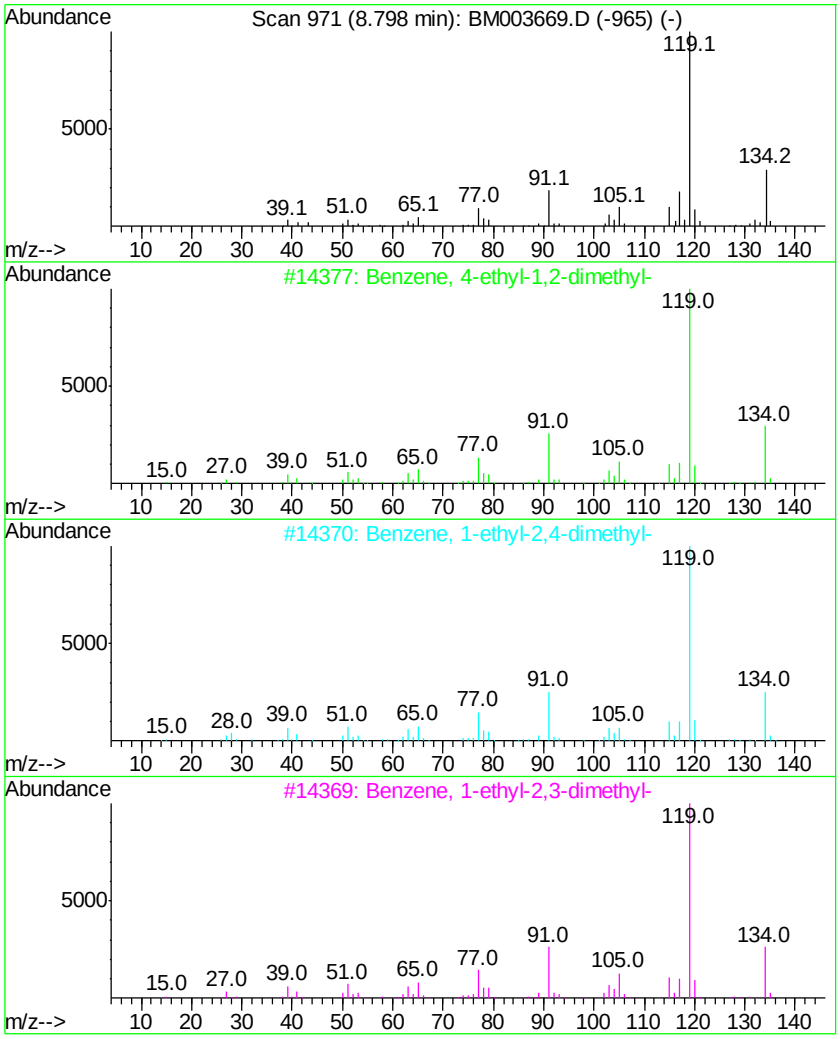
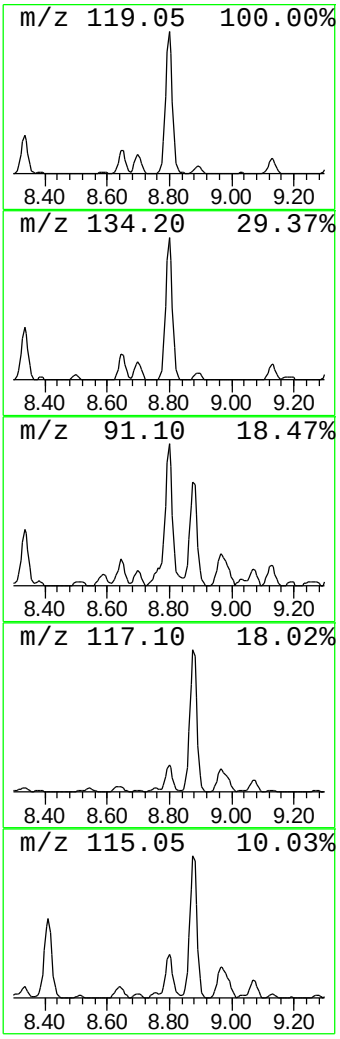
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	65.23 ng/ul	403667	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





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Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

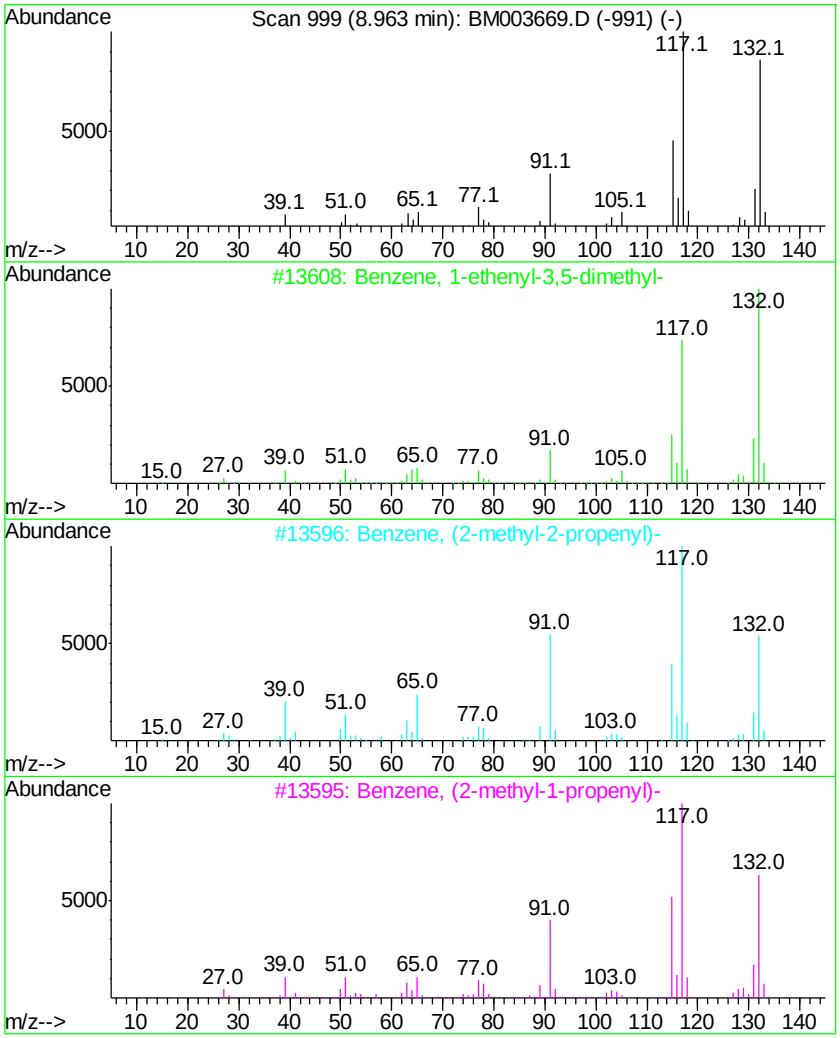
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

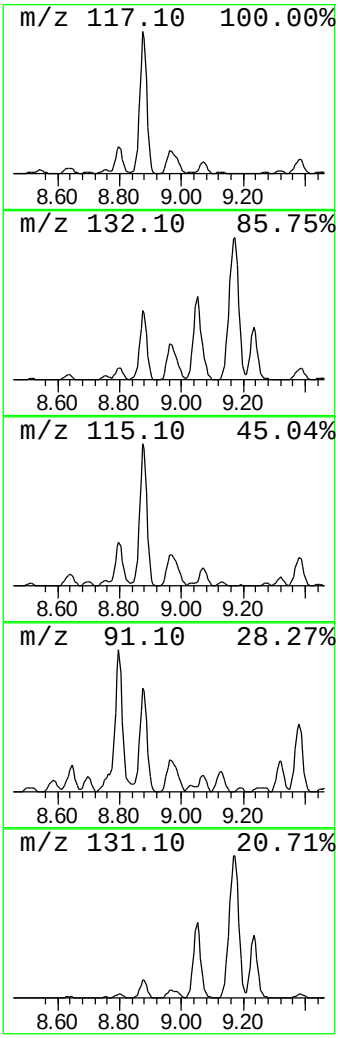
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	25.21 ng/ul	156011	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93





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Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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Quant Title : SVOA CALIBRATION

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

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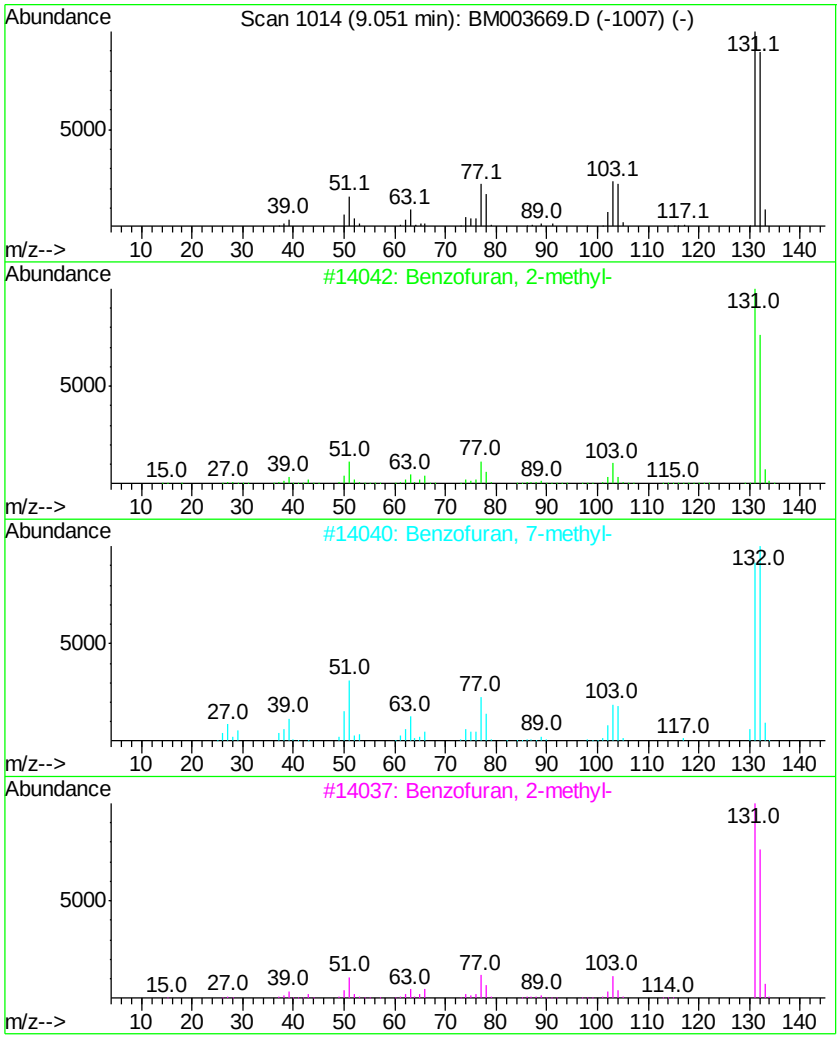
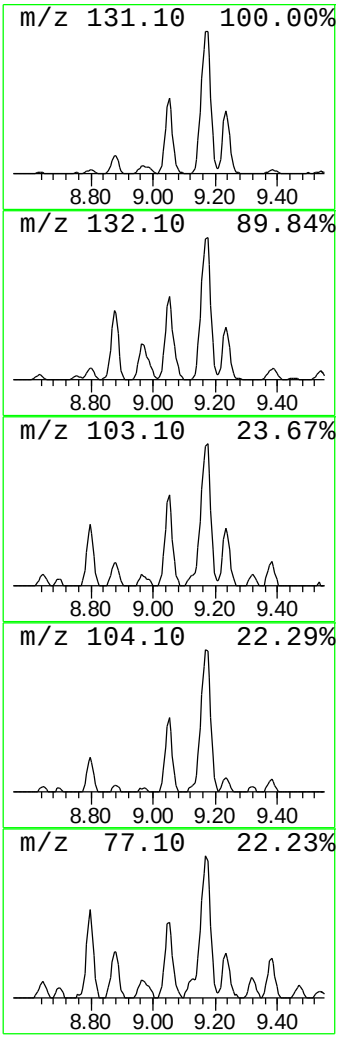
Peak Number 18 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	43.12 ng/ul	266849	1,4-Dichlorobenzene-d4	7.70

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





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Misc :
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Instrument : BNA_M
ClientSampleId : G9DB2

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Quant Title : SVOA CALIBRATION

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

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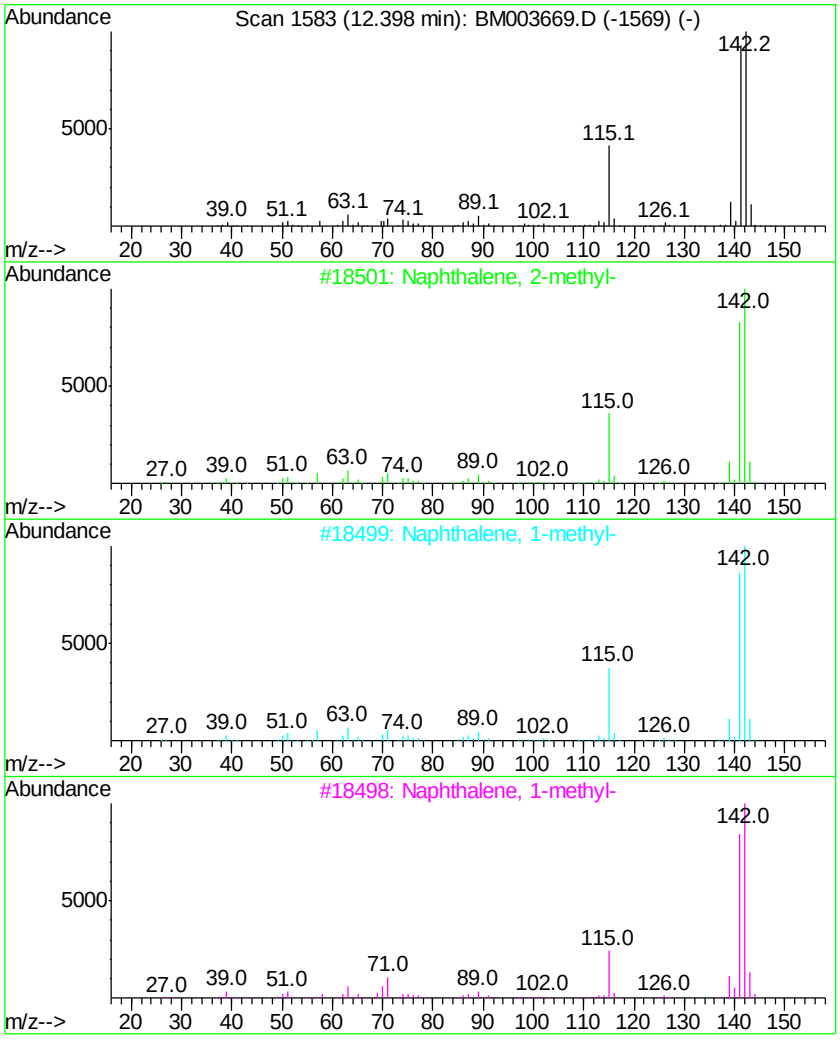
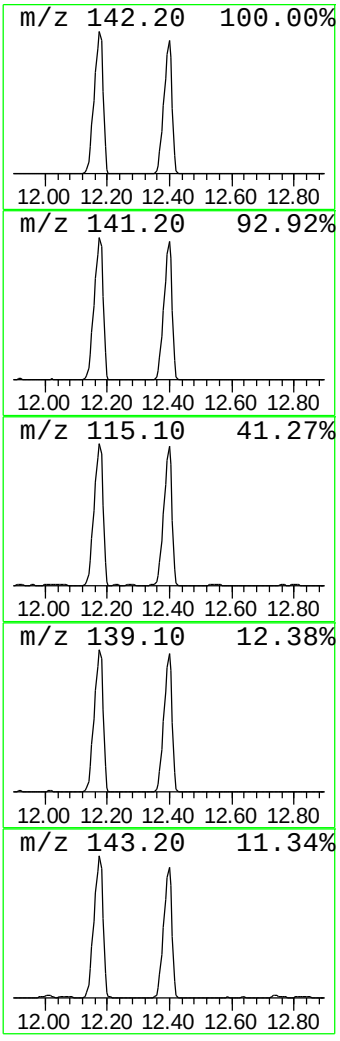
Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.91 ng/ul	6380410	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Quant Title : SVOA CALIBRATION

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

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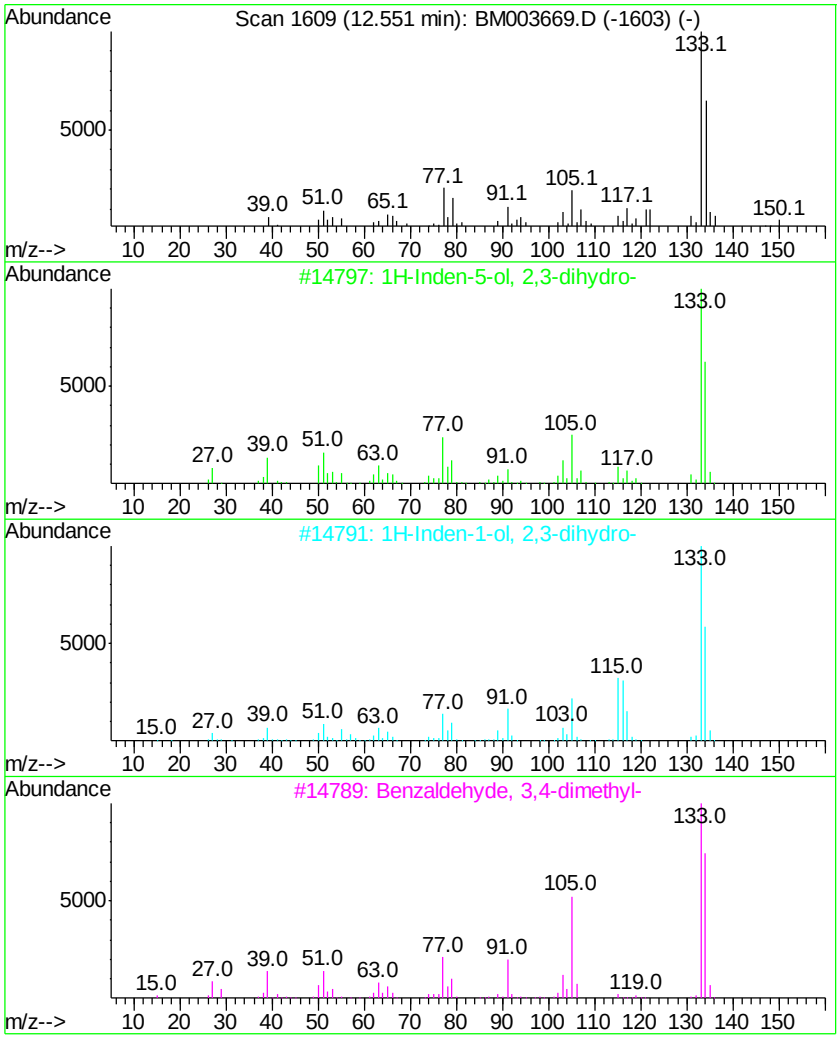
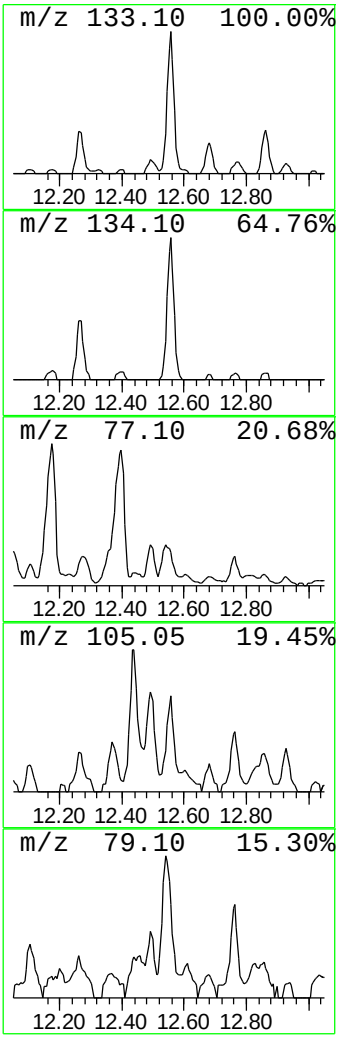
Peak Number 20 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	6.14 ng/ul	176393	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	55
2	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	46
3	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	46
4	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	46
5	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	018217-81-7	46





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Quant Title : SVOA CALIBRATION

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

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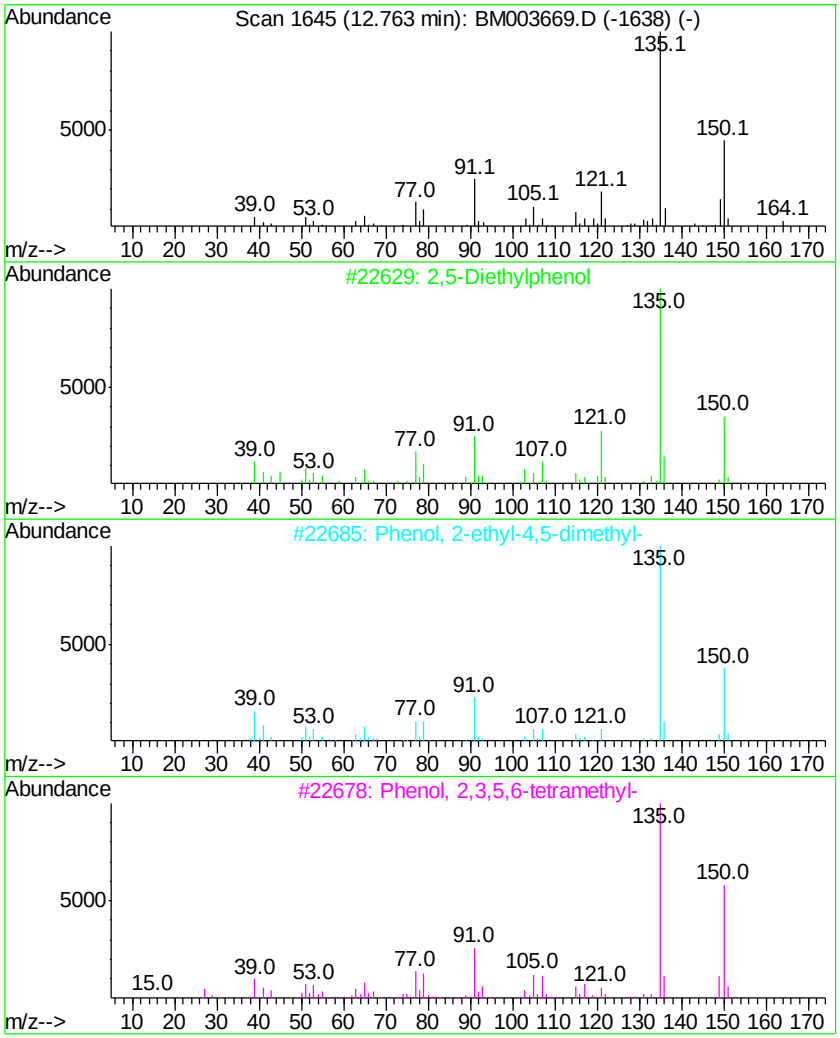
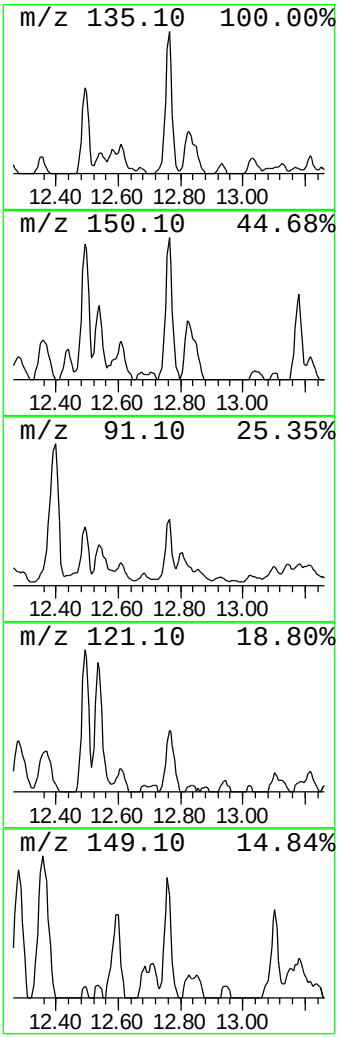
Peak Number 21 2,5-Diethylphenol Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.11 ng/ul	146797	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Diethylphenol	150	C10H14O	000876-20-0	93
2	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	87
3	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	83
4	3,4-Diethylphenol	150	C10H14O	000875-85-4	83
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	81





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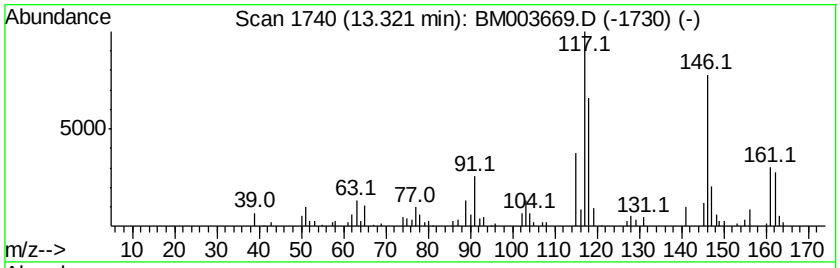
Quant Title : SVOA CALIBRATION

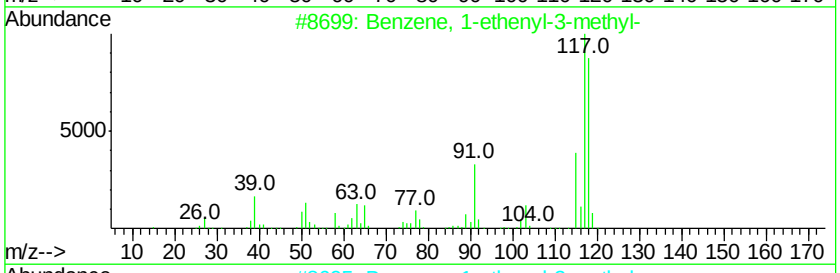
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

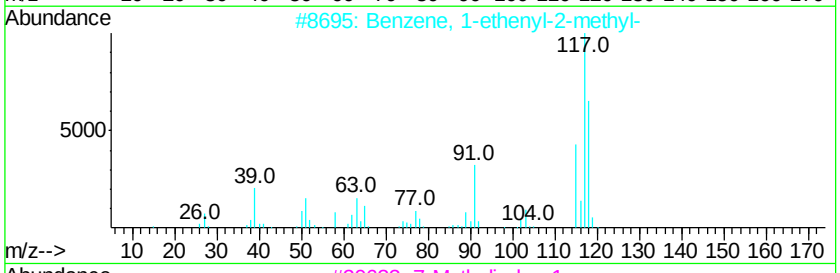
****
Peak Number 22 Benzene, 1-ethenyl-3-methyl- Concentration Rank 39

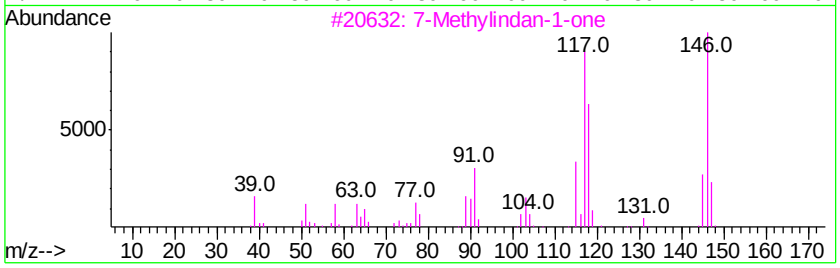
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	7.80 ng/ul	224185	Acenaphthene-d10	14.35

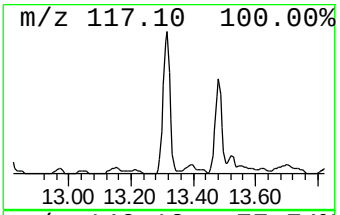
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	86
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	66
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	62
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58

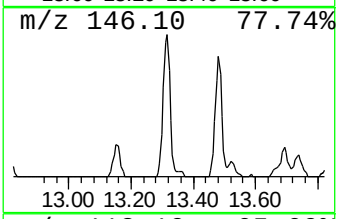


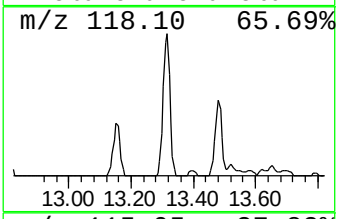


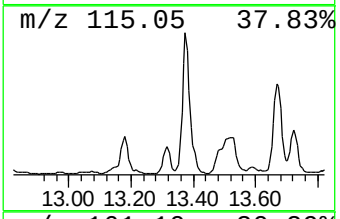


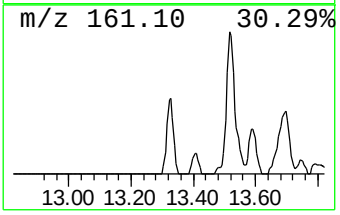












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

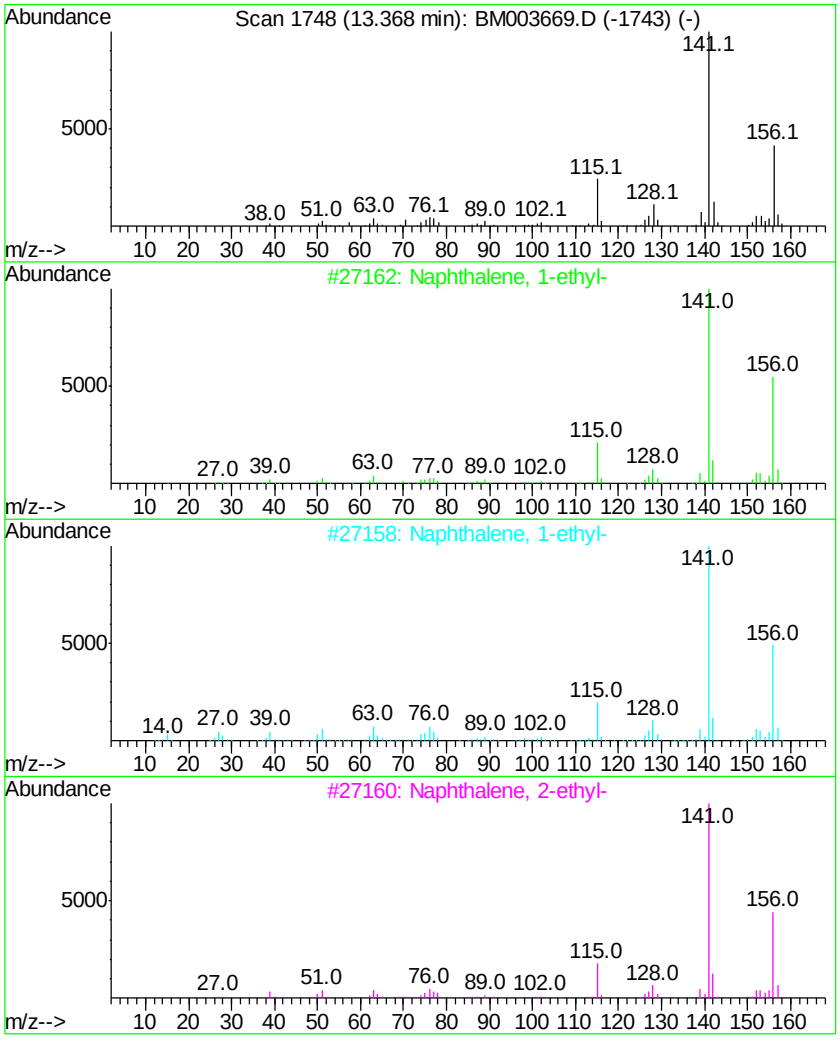
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

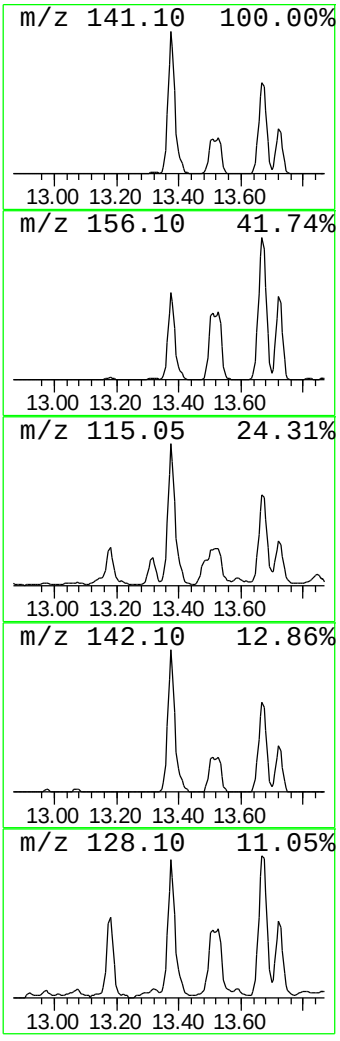
****

Peak Number 23 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	33.90 ng/ul	973894	Acenaphthene-d10	14.35

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, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
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Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

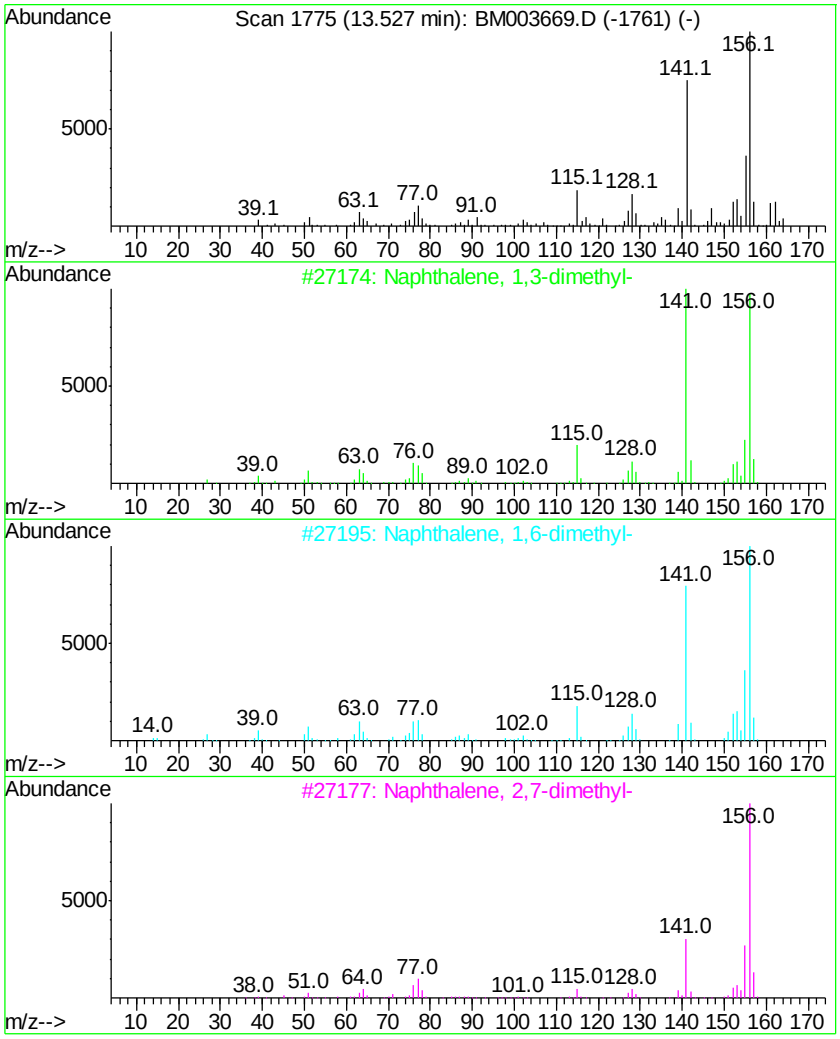
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

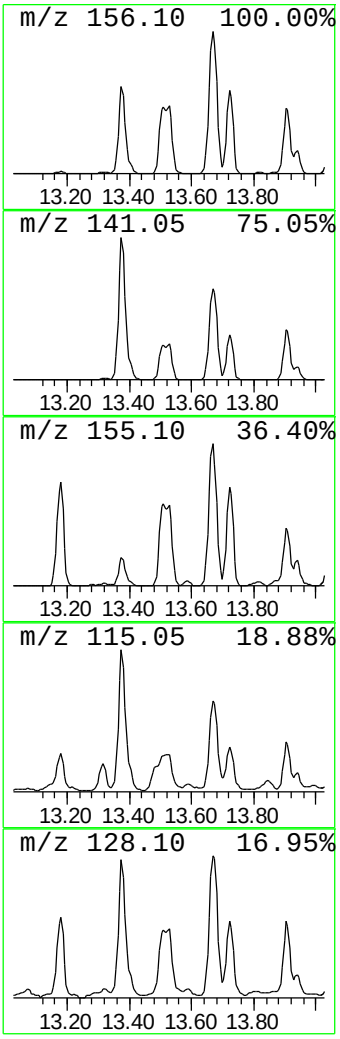
****

Peak Number 24 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	36.91 ng/ul	1060340	Acenaphthene-d10	14.35

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





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Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

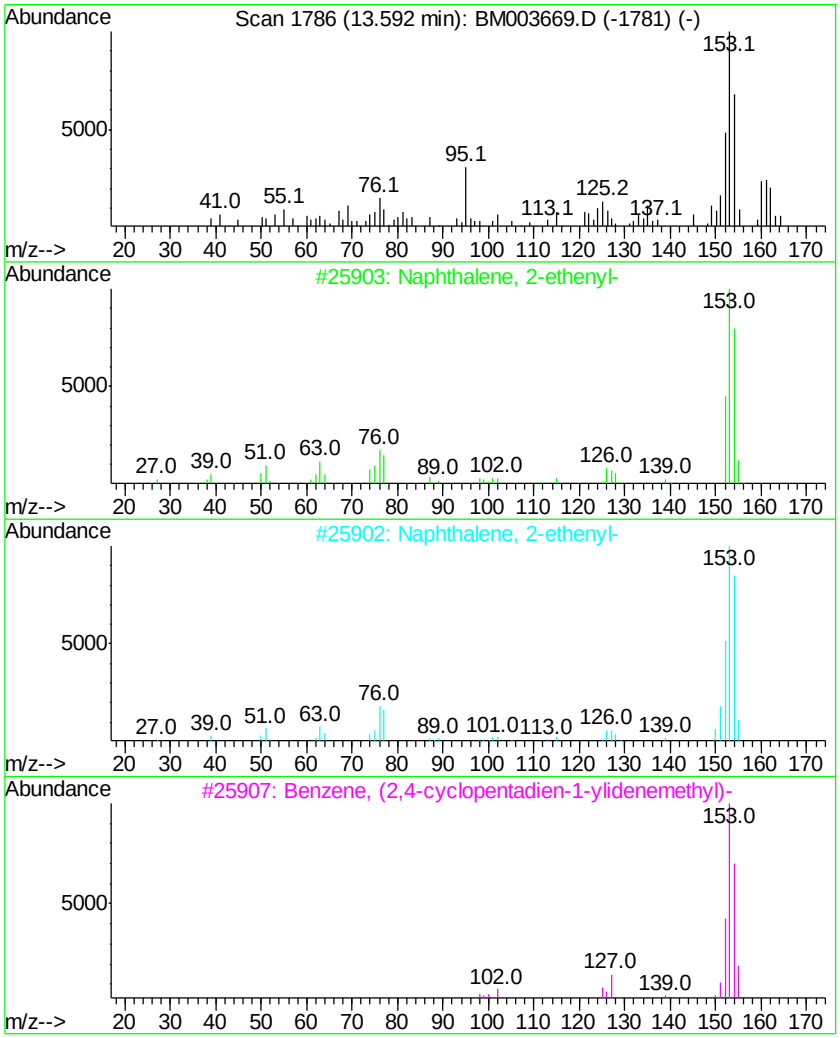
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

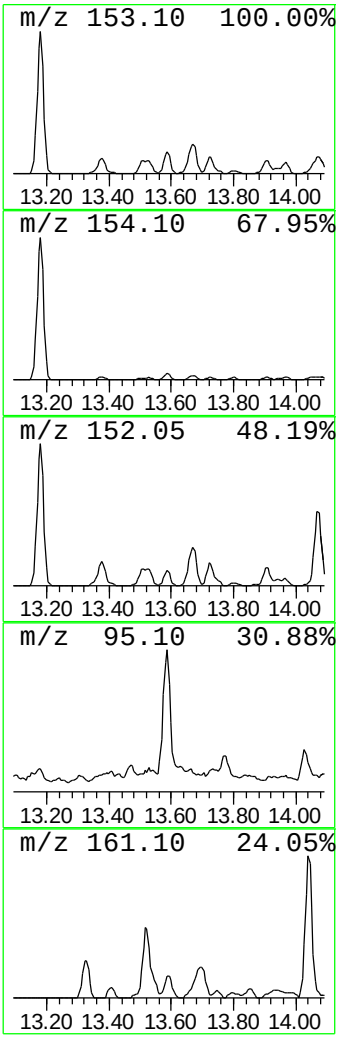
****

Peak Number 25 Naphthalene, 2-ethenyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	6.30 ng/ul	181040	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	55
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	55
3	Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	53
4	Acenaphthene	154	C12H10	000083-32-9	49
5	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	46





Library Search Compound Report

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Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

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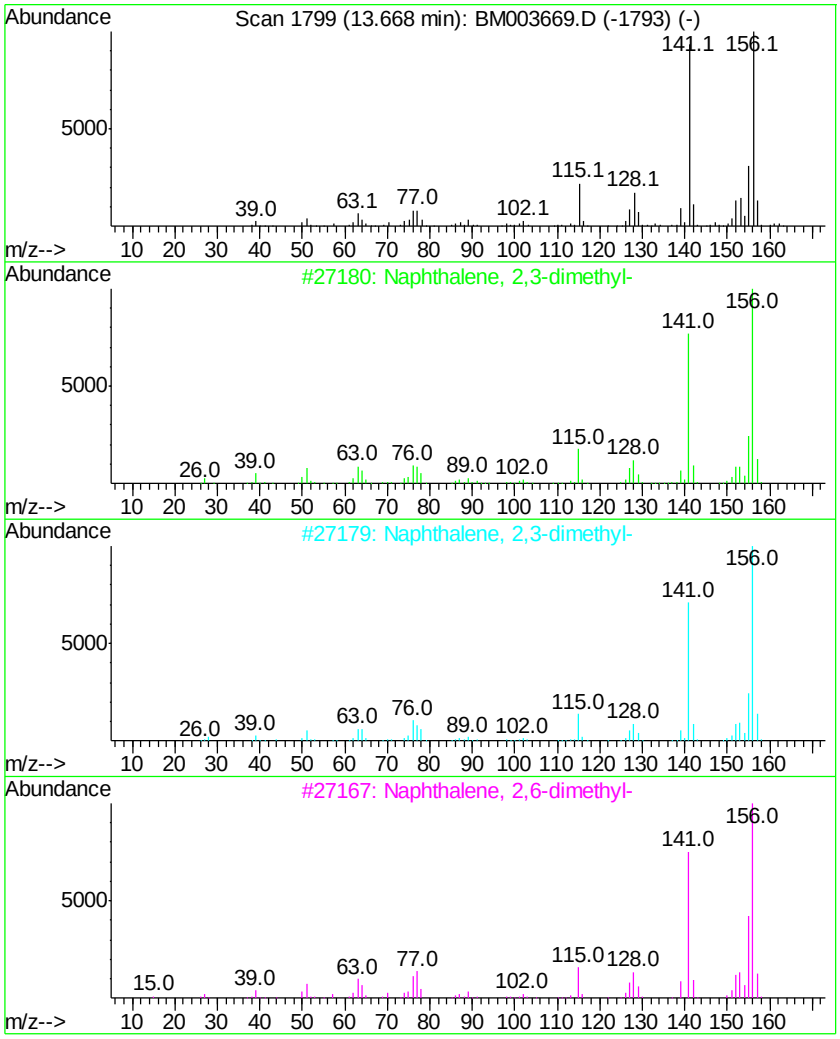
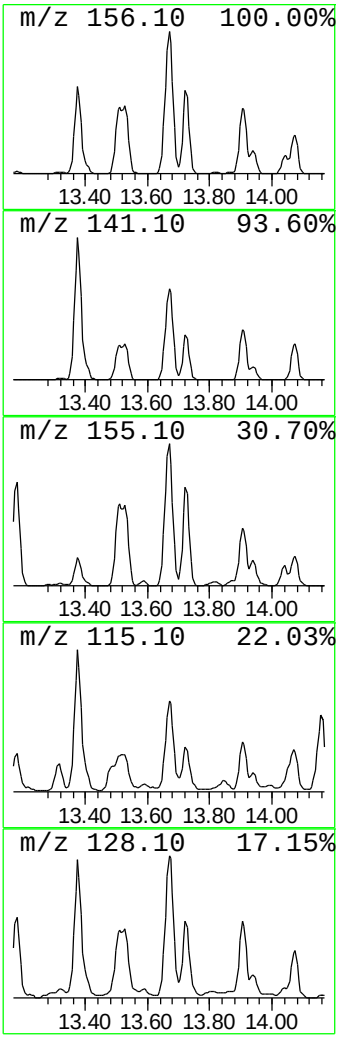
Peak Number 26 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	37.50 ng/ul	1077370	Acenaphthene-d10	14.35

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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

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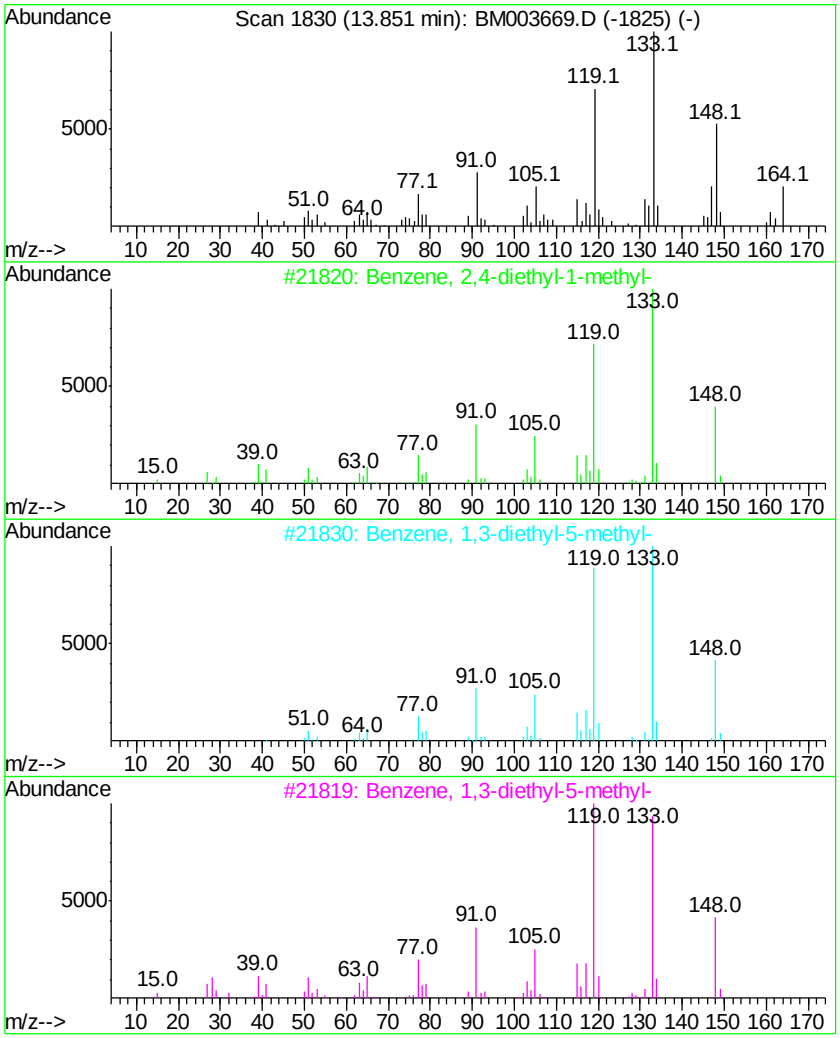
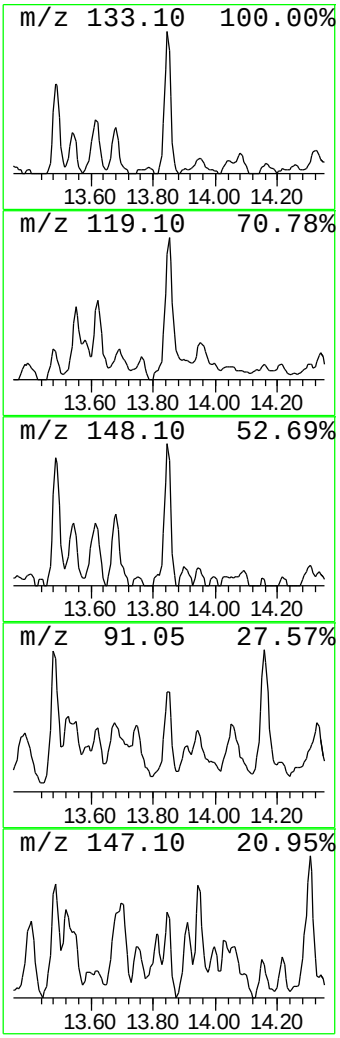
Peak Number 27 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.37 ng/ul	125560	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	93
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
5	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	70





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

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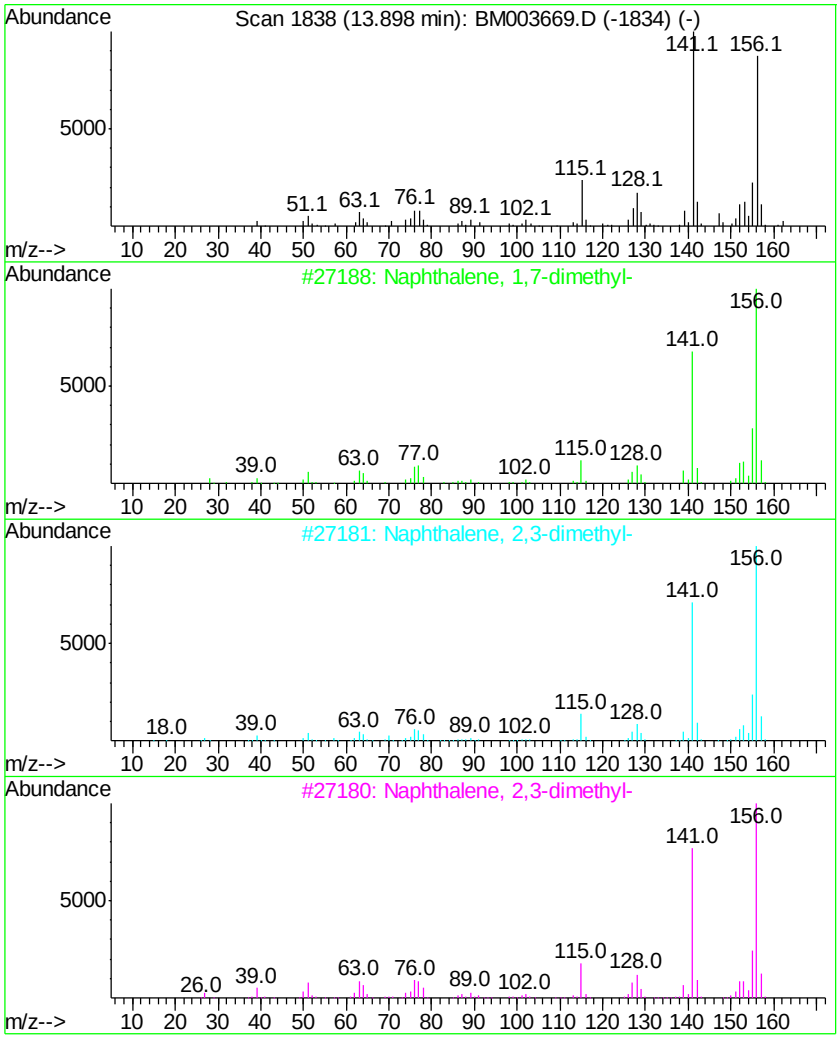
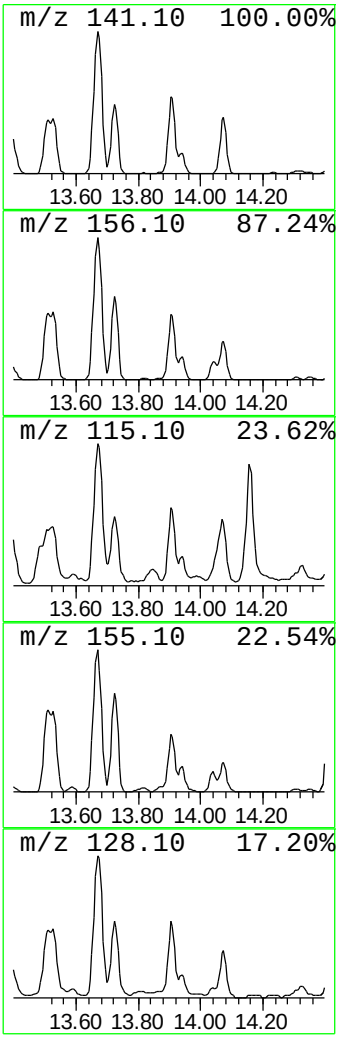
Peak Number 28 Naphthalene, 1,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	15.11 ng/ul	434129	Acenaphthene-d10	14.35

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

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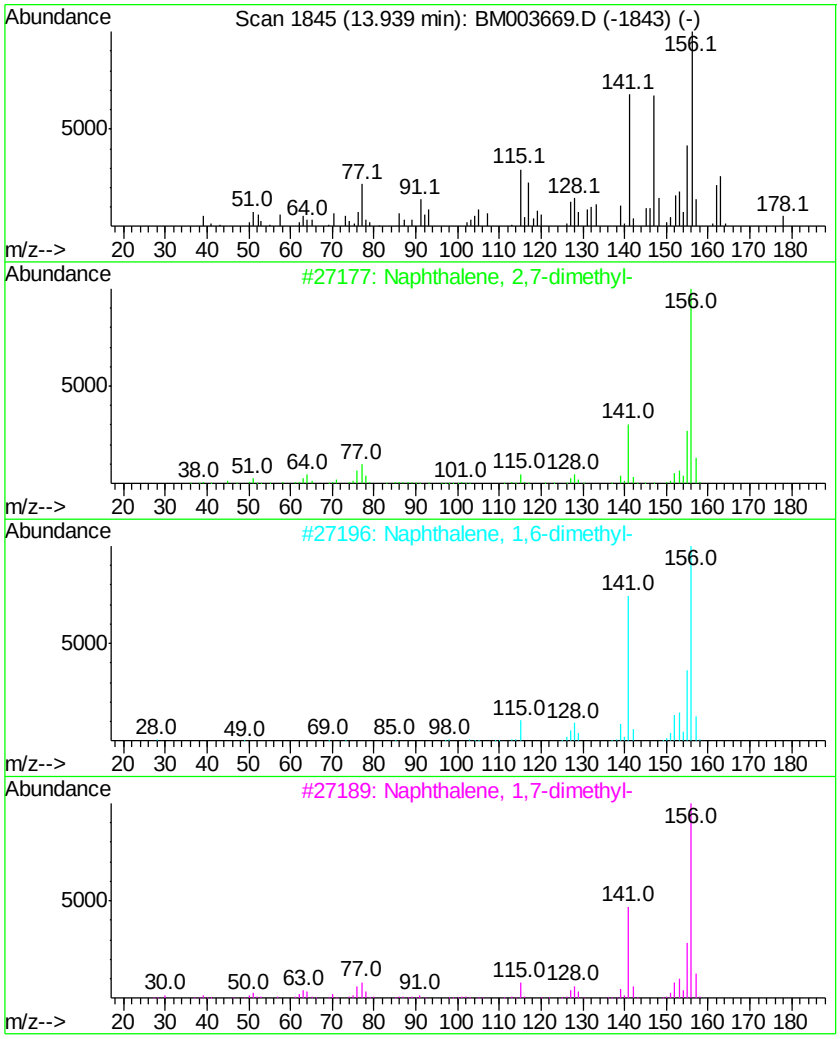
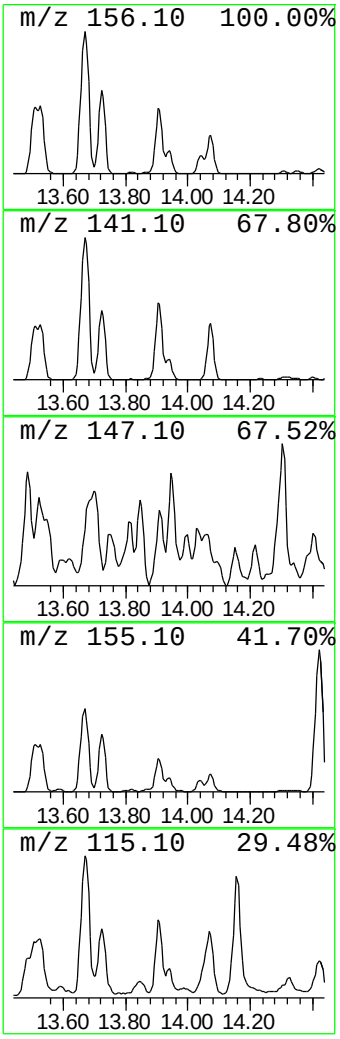
Peak Number 29 Naphthalene, 2,7-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	7.35 ng/ul	211119	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	60
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	60





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
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Acq On : 21 Dec 2015 00:02
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Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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

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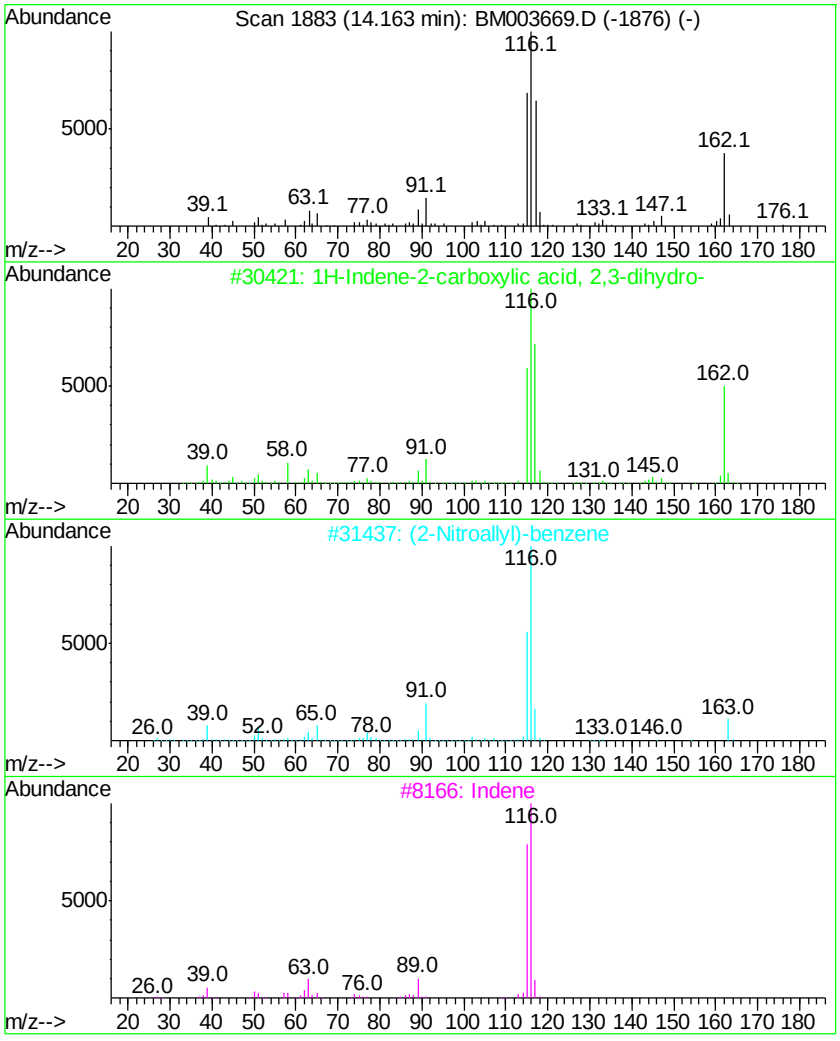
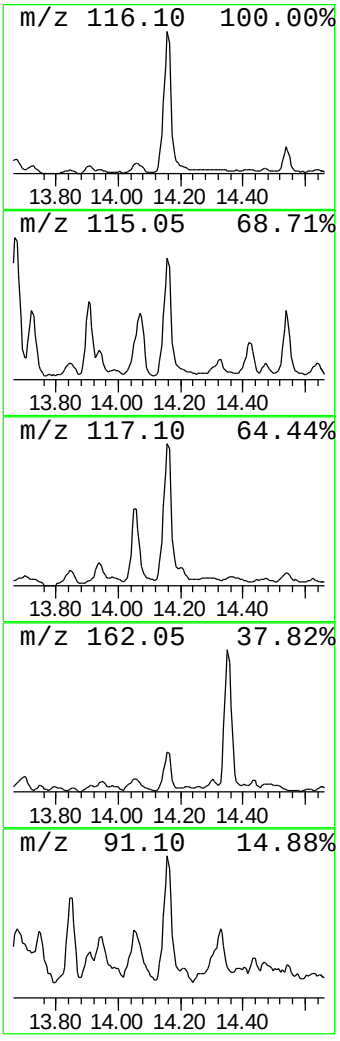
Peak Number 30 1H-Indene-2-carboxylic acid... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	8.82 ng/ul	253464	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-2-carboxylic acid, 2,3...	162	C10H10O2	025177-85-9	68
2	(2-Nitroallyl)-benzene	163	C9H9NO2	062811-39-6	53
3	Indene	116	C9H8	000095-13-6	47
4	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	38
5	Benzocyclobutene, 1-bromo-1-methyl-	196	C9H9Br	1000161-76-4	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122015\
Data File : BM003669.D
Acq On : 21 Dec 2015 00:02
Operator : UM/SJ
Sample : G4867-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DB2

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, 1,3-dime...	5.37	397.0	ng/ul	2456960	1	7.70	123772	20.0
Benzene, (1-methy...	6.19	69.7	ng/ul	431052	1	7.70	123772	20.0
Benzene, 1-ethyl-...	6.79	74.0	ng/ul	457817	1	7.70	123772	20.0
Benzene, 1-ethyl-...	7.09	60.4	ng/ul	374064	1	7.70	123772	20.0
Benzene, (2-bromo...	7.89	25.5	ng/ul	157772	1	7.70	123772	20.0
Indane	8.10	1963.0	ng/ul	12147900	1	7.70	123772	20.0
Benzene, 1,3-diet...	8.19	28.2	ng/ul	174536	1	7.70	123772	20.0
Indene	8.25	680.7	ng/ul	4212310	1	7.70	123772	20.0
Benzene, 1-ethyl-...	8.33	22.1	ng/ul	136479	1	7.70	123772	20.0
Benzene, 4-ethyl-...	8.80	65.2	ng/ul	403667	1	7.70	123772	20.0
Benzene, 1-etheny...	8.96	25.2	ng/ul	156011	1	7.70	123772	20.0
Benzofuran, 2-met...	9.05	43.1	ng/ul	266849	1	7.70	123772	20.0
Naphthalene, 1-me...	12.40	3.9	ng/ul	6380410	2	10.52	32653900	20.0
1H-Inden-5-ol, 2,...	12.55	6.1	ng/ul	176393	3	14.35	574620	20.0
2,5-Diethylphenol	12.76	5.1	ng/ul	146797	3	14.35	574620	20.0
Benzene, 1-etheny...	13.32	7.8	ng/ul	224185	3	14.35	574620	20.0
Naphthalene, 1-et...	13.37	33.9	ng/ul	973894	3	14.35	574620	20.0
Naphthalene, 1,3-...	13.53	36.9	ng/ul	1060340	3	14.35	574620	20.0
Naphthalene, 2-et...	13.59	6.3	ng/ul	181040	3	14.35	574620	20.0
Naphthalene, 2,3-...	13.67	37.5	ng/ul	1077370	3	14.35	574620	20.0
Benzene, 2,4-diet...	13.85	4.4	ng/ul	125560	3	14.35	574620	20.0
Naphthalene, 1,7-...	13.90	15.1	ng/ul	434129	3	14.35	574620	20.0
Naphthalene, 2,7-...	13.94	7.3	ng/ul	211119	3	14.35	574620	20.0
1H-Indene-2-carbo...	14.16	8.8	ng/ul	253464	3	14.35	574620	20.0