LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.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	3.046	5	10	29	rVB	3337665	5020614	4.69%	0.467%
2	5.375	398	406	414	rBV	1811302	2691846	2.51%	0.250%
3	5.504	421	428	440	rBV	4510868	9076000	8.47%	0.844%
4	5.875	480	491	503	rVV	3644610	6098397	5.69%	0.567%
5	6.951	667	674	680	rBV	5960601	9330549	8.71%	0.867%
6	7.010	680	684	691	rVV	3991857	6291759	5.87%	0.585%
7	7.087	691	697	706	rVB	7639776	11801444	11.02%	1.097%
8	7.187	706	714	720	rBV	1603136	2658146	2.48%	0.247%
9	7.251	720	725	731	rBV	1647583	2540548	2.37%	0.236%
10	7.387	742	748	756	rVB	1835698	2945444	2.75%	0.274%
11	7.516	762	770	776	rVV	15911592	25630815	23.93%	2.382%
12	7.581	776	781	794	rVB	5206942	8250391	7.70%	0.767%
13	7.857	822	828	833	rBV	1804970	2944044	2.75%	0.274%
14	7.981	842	849	856	rBV	6380568	10691133	9.98%	0.994%
15	8.245	880	894	901	rBV	27762106	73601050	68.71%	6.841%
16	8.410	909	922	930	rBV	26004475	58488576	54.61%	5.436%
17	8.504	930	938	942	rVV	3143405	4848591	4.53%	0.451%
18	8.551	942	946	953	rVV	1658693	3044367	2.84%	0.283%
19	8.816	984	991	995	rBV	894361	1418519	1.32%	0.132%
20	8.869	995	1000	1006	rVB	946699	1414774	1.32%	0.132%
21	8.969	1011	1017	1021	rBV	4668057	7283760	6.80%	0.677%
22	9.016	1021	1025	1026	rBV	1123614	1415227	1.32%	0.132%
23	9.045	1026	1030	1040	rVB	6590702	10763901	10.05%	1.000%
24	9.216	1051	1059	1067	rVB	9335031	15299761	14.28%	1.422%
25	9.345	1067	1081	1086	rBV	16719250	37086773	34.62%	3.447%
26	9.398	1086	1090	1097	rVB	5369621	8472923	7.91%	0.788%
27	9.492	1100	1106	1110	rBV	2413015	3741654	3.49%	0.348%
28	9.551	1110	1116	1122	rVB	2952345	4631095	4.32%	0.430%
29	9.734	1139	1147	1154	rBV	1424135	2722979	2.54%	0.253%
30	9.910	1171	1177	1190	rVB	7495010	12488628	11.66%	1.161%
31	10.063	1192	1203	1213	rBV3	11504722	24888294	23.24%	2.313%
32	10.157	1213	1219	1231	rBV	2178134	5365569	5.01%	0.499%
33	10.292	1231	1242	1250	rVB2	6037426	12920931	12.06%	1.201%
34	10.722	1292	1315	1322	rBV2	26560985	107110866	100.00%	9.956%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

35	10.863	1331	1339	1344	rVB2	24247202	48705056	45.47%	4.527%
36	11.069	1370	1374	1381	rVB2	734927	1335130	1.25%	0.124%
37	11.763	1485	1492	1502	rBV2	1615382	3107037	2.90%	0.289%
38	12.039	1532	1539	1549	rVB	6229447	10646906	9.94%	0.990%
39	12.210	1561	1568	1578	rVB	3759889	6287416	5.87%	0.584%
40	12.333	1578	1589	1591	rBV	28688925	65693212	61.33%	6.106%
41	12.433	1600	1606	1613	rVV	2525873	4792429	4.47%	0.445%
42	12.551	1613	1626	1634	rVV	27265861	61713485	57.62%	5.736%
43	12.939	1687	1692	1698	rVB	1307712	1977852	1.85%	0.184%
44	13.010	1698	1704	1717	rVB2	1011244	1908014	1.78%	0.177%
45	13.245	1733	1744	1747	rBV	2943939	7294501	6.81%	0.678%
46	13.327	1752	1758	1764	rVB	10982498	16288667	15.21%	1.514%
47	13.451	1773	1779	1784	rBV	930369	1454888	1.36%	0.135%
48	13.522	1784	1791	1801	rVB	1643575	3242544	3.03%	0.301%
49	13.616	1801	1807	1810	rBV	1873434	2849132	2.66%	0.265%
50	13.657	1810	1814	1823	rVB2	2426074	5239597	4.89%	0.487%
51	13.810	1832	1840	1845	rVV	2805482	4820987	4.50%	0.448%
52	13.863	1845	1849	1851	rVV	1554412	2160507	2.02%	0.201%
53	13.898	1851	1855	1860	rVV	5377980	7379491	6.89%	0.686%
54	14.045	1876	1880	1884	rBV	833963	1273389	1.19%	0.118%
55	14.180	1897	1903	1913	rVB2	6390526	12810605	11.96%	1.191%
56	14.486	1947	1955	1960	rBV2	4252821	7592087	7.09%	0.706%
57	14.557	1960	1967	1973	rVV	20296229	33476311	31.25%	3.112%
58	14.616	1973	1977	1981	rVV	2413734	3529287	3.29%	0.328%
59	14.663	1981	1985	1994	rVB4	1774486	3845606	3.59%	0.357%
60	14.892	2017	2024	2031	rVB	16759739	25132343	23.46%	2.336%
61	14.998	2031	2042	2051	rBV	1873420	4269879	3.99%	0.397%
62	15.192	2066	2075	2079	rBV2	596050	1300159	1.21%	0.121%
63	15.410	2107	2112	2116	rBV	1209765	2022839	1.89%	0.188%
64	15.480	2118	2124	2128	rVV	7559980	11122923	10.38%	1.034%
65	15.539	2128	2134	2138	rVV	13808029	19767221	18.45%	1.837%
66	15.586	2138	2142	2147	rVV	2313544	2924881	2.73%	0.272%
67	15.827	2178	2183	2185	rBV2	701894	1111075	1.04%	0.103%
68	15.974	2203	2208	2215	rVB3	1369794	2803374	2.62%	0.261%
69	16.204	2240	2247	2250	rBV	5699663	10634678	9.93%	0.988%
70	16.233	2250	2252	2262	rVB3	4762728	6617434	6.18%	0.615%
71	16.351	2263	2272	2278	rBV	3895648	8465963	7.90%	0.787%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

72	16.486	2292	2295	2302	rVB4	1096948	2350734	2.19%	0.218%
73	16.792	2339	2347	2352	rBV2	1140288	2230771	2.08%	0.207%
74	16.874	2358	2361	2365	rVB	1874685	2271324	2.12%	0.211%
75	16.927	2365	2370	2377	rVB	1981348	3228920	3.01%	0.300%
76	17.039	2386	2389	2397	rVB	1099504	1537763	1.44%	0.143%
77	17.139	2397	2406	2411	rBV	2450719	4558089	4.26%	0.424%
78	17.227	2415	2421	2424	rBV2	5007665	7715336	7.20%	0.717%
79	17.268	2424	2428	2433	rVB	14667165	20889874	19.50%	1.942%
80	17.327	2433	2438	2442	rBV	9680219	15041189	14.04%	1.398%
81	17.621	2477	2488	2493	rBV	5991993	10748993	10.04%	0.999%
82	17.780	2509	2515	2524	rVV5	547322	1368600	1.28%	0.127%
83	17.886	2528	2533	2537	rVB	1053273	1470565	1.37%	0.137%
84	18.139	2571	2576	2585	rVV2	5690896	8198844	7.65%	0.762%
85	18.292	2596	2602	2607	rBV	1357017	1973601	1.84%	0.183%
86	18.568	2645	2649	2656	rVV3	1214283	2190195	2.04%	0.204%
87	18.627	2656	2659	2677	rVB3	877795	1732834	1.62%	0.161%
88	19.274	2764	2769	2775	rVB	4350155	5779097	5.40%	0.537%
89	19.404	2787	2791	2802	rVV2	3651516	5336308	4.98%	0.496%
90	19.609	2820	2826	2830	rBV	10455084	15953115	14.89%	1.483%
91	20.698	3007	3011	3017	rVB	1376335	1661654	1.55%	0.154%
92	21.115	3078	3082	3088	rBV3	882678	1348542	1.26%	0.125%
93	21.398	3123	3130	3134	rBV	6724589	9732262	9.09%	0.905%
94	22.480	3310	3314	3326	rVB	781200	1177124	1.10%	0.109%
95	23.009	3397	3404	3414	rVB2	1065872	2174287	2.03%	0.202%
96	23.544	3487	3495	3500	rBV	7134904	13839418	12.92%	1.286%
97	23.597	3500	3504	3510	rVB2	963084	1688265	1.58%	0.157%
98	23.686	3512	3519	3540	rVB	4445876	8585059	8.02%	0.798%
99	24.274	3613	3619	3626	rBV	612567	1182929	1.10%	0.110%
100	25.056	3746	3752	3764	rVB2	449746	1316147	1.23%	0.122%

Sum of corrected areas: 1075858112

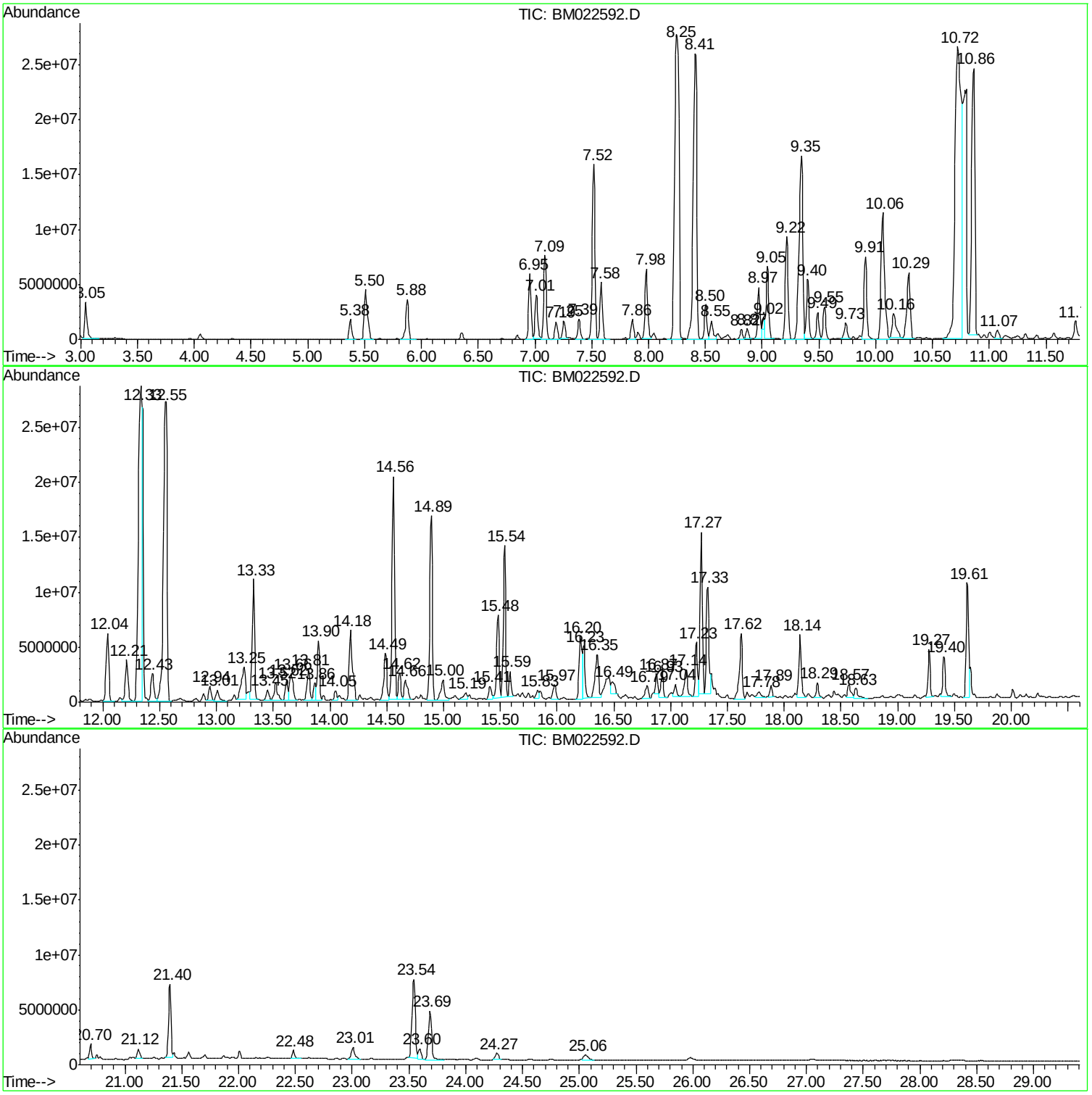
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

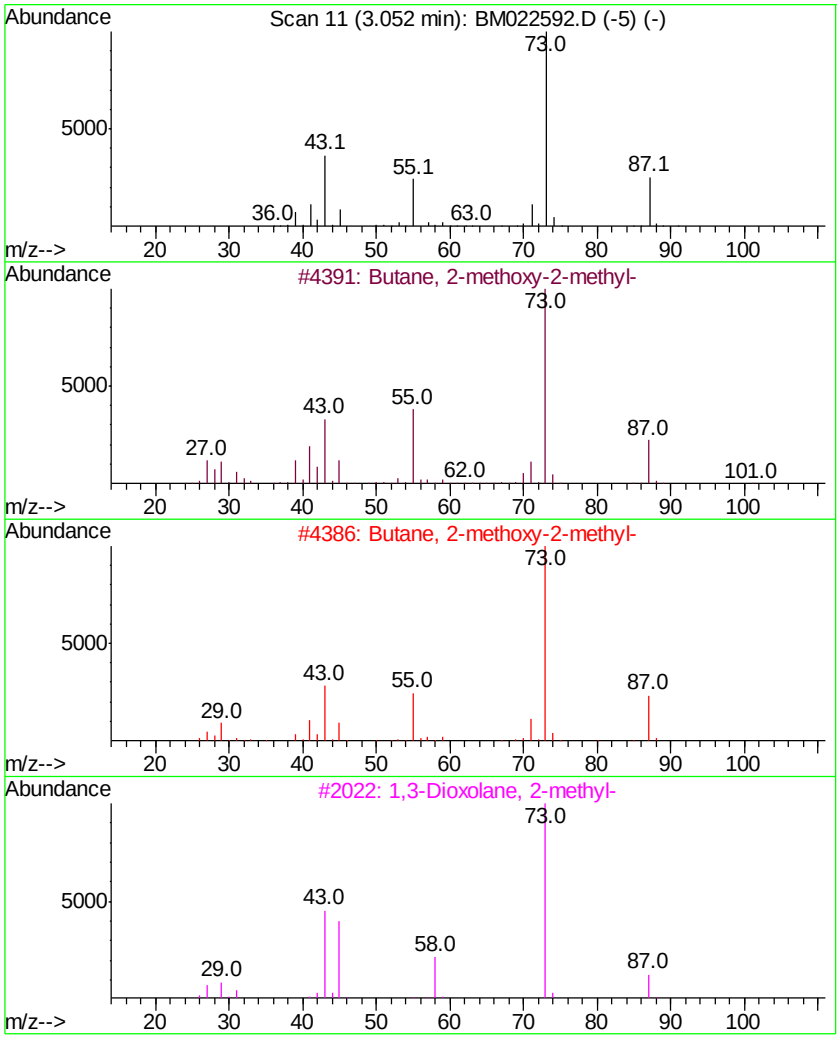
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

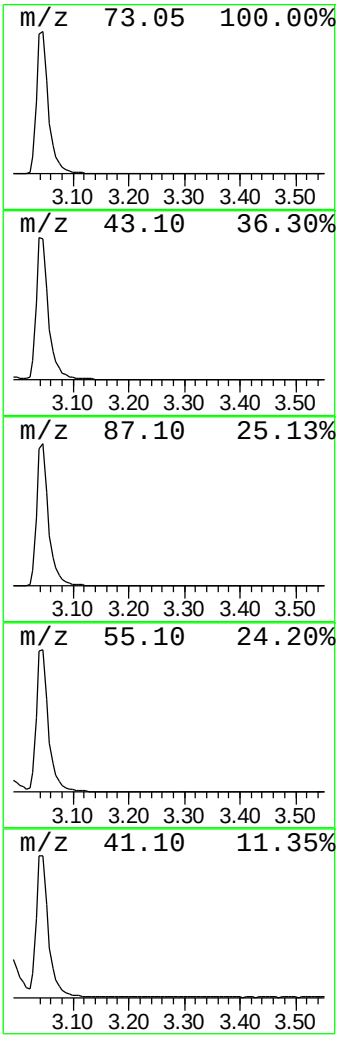
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	34.11 ng/ul	5020610	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

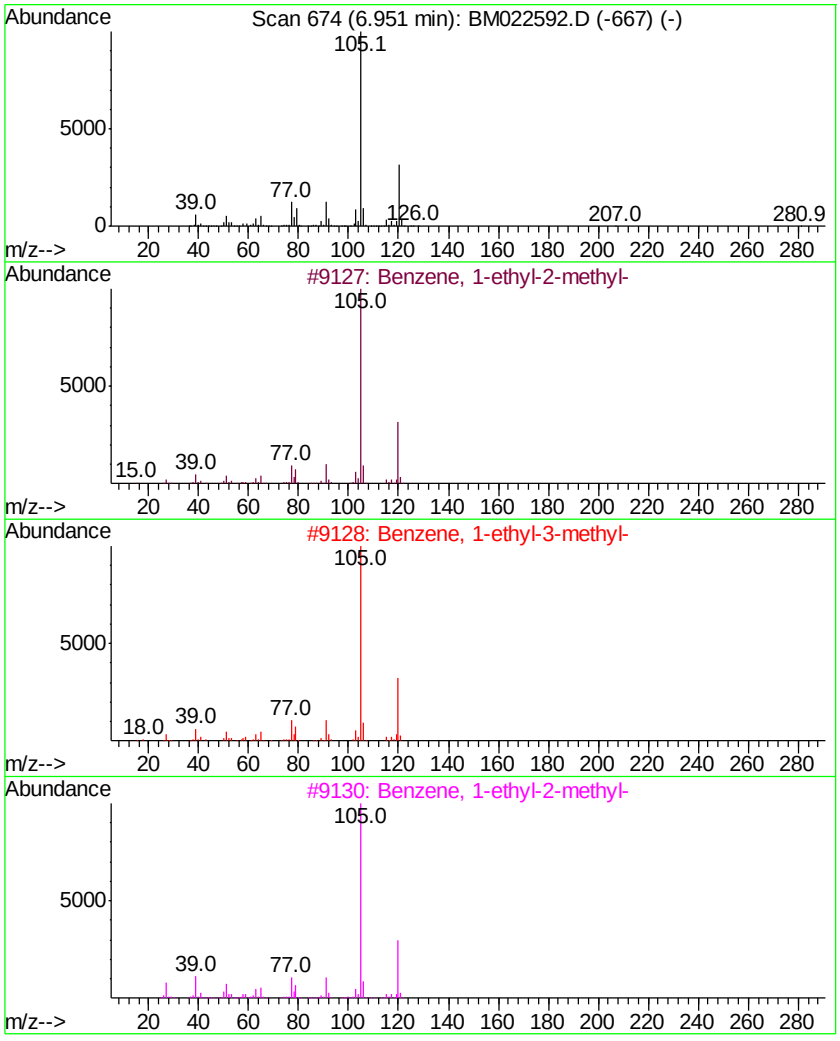
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

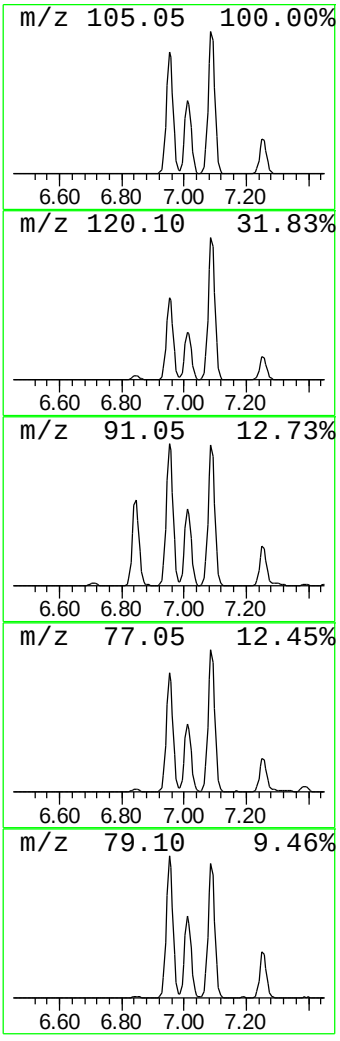
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	63.39 ng/ul	9330550	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

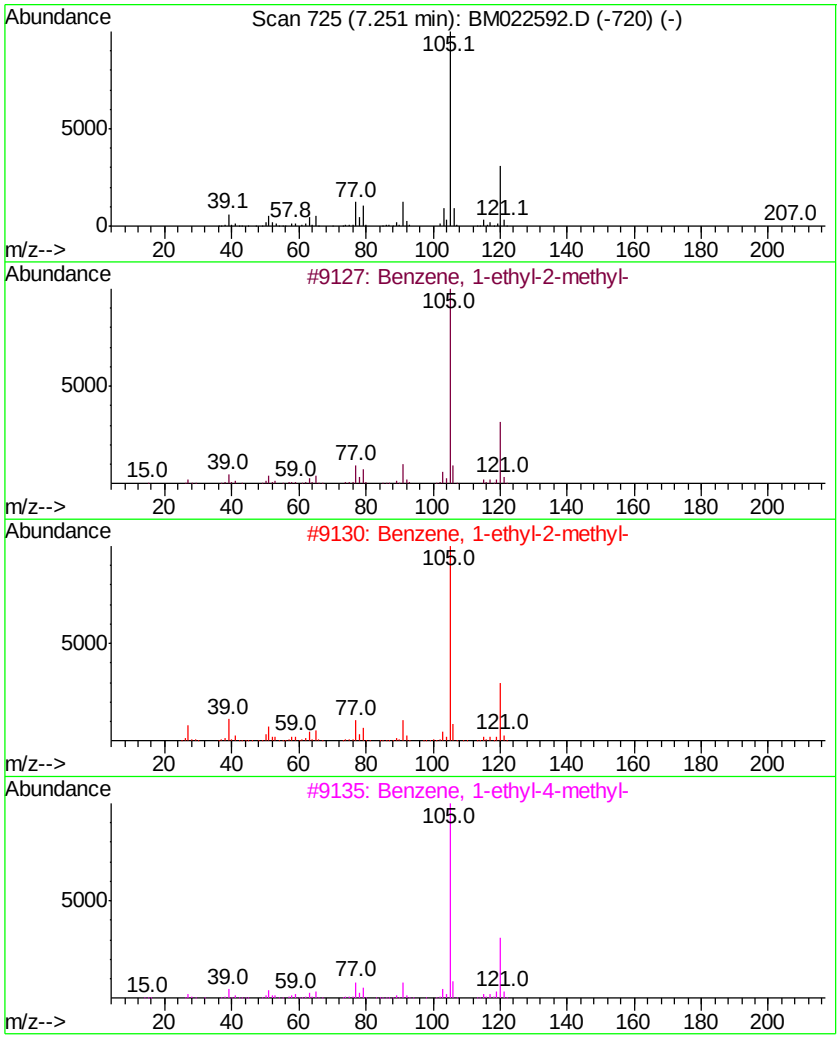
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

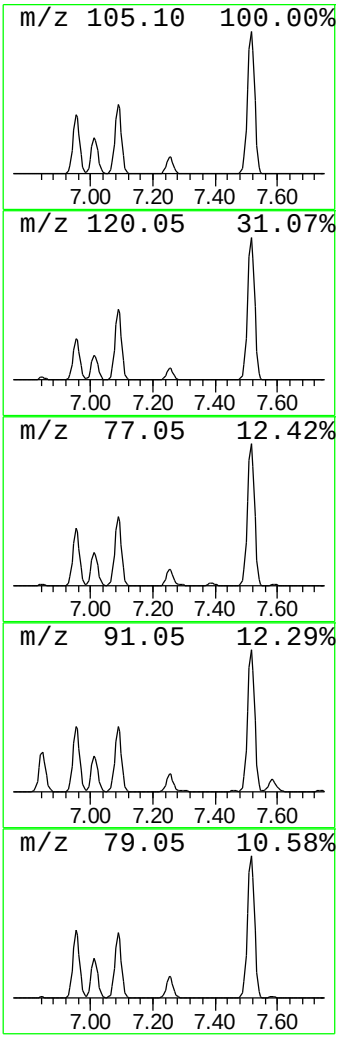
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	17.26 ng/ul	2540550	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

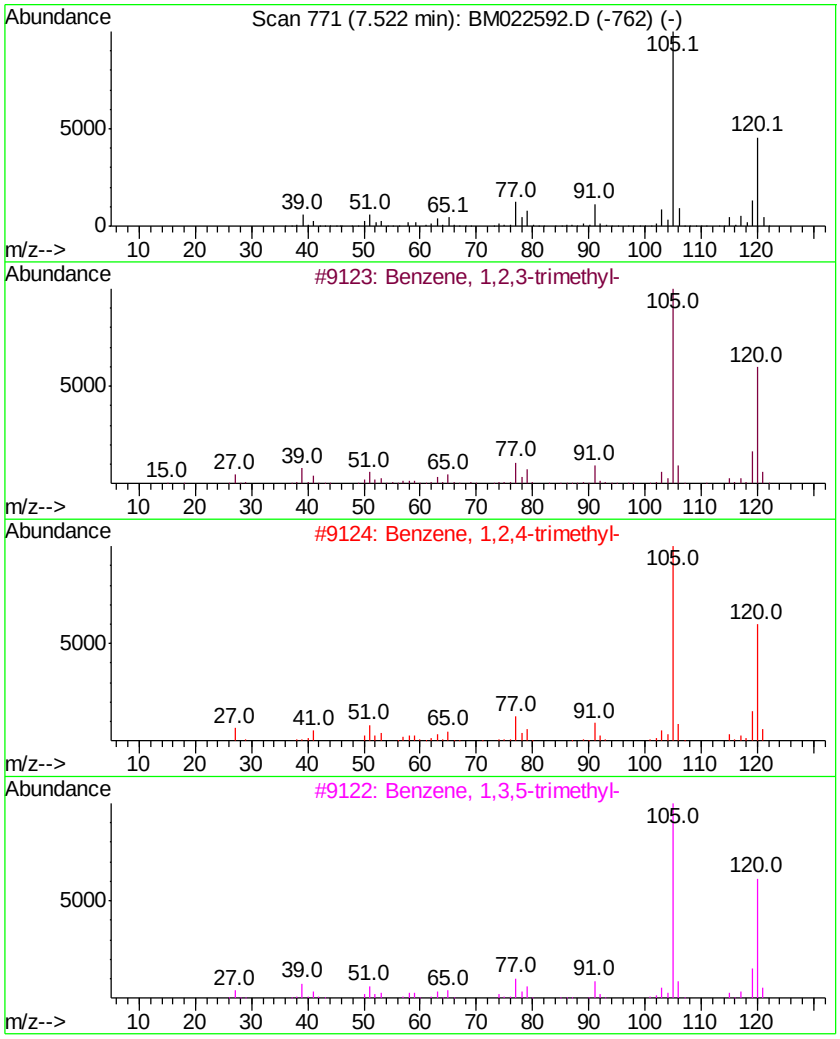
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

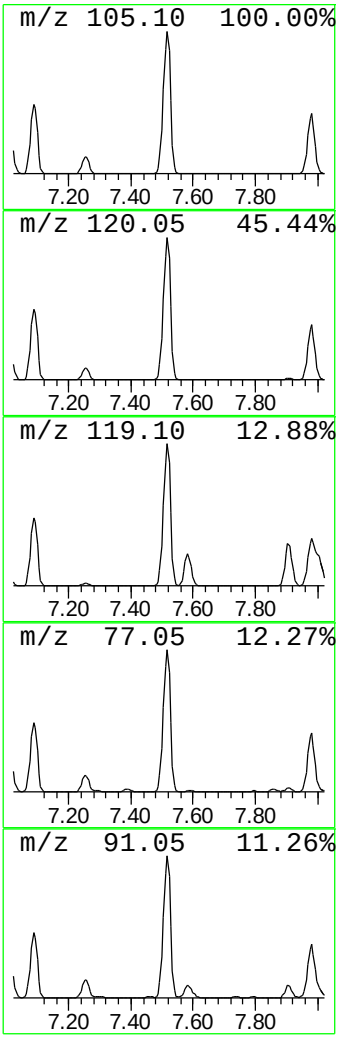
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	174.12 ng/ul	25630800	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

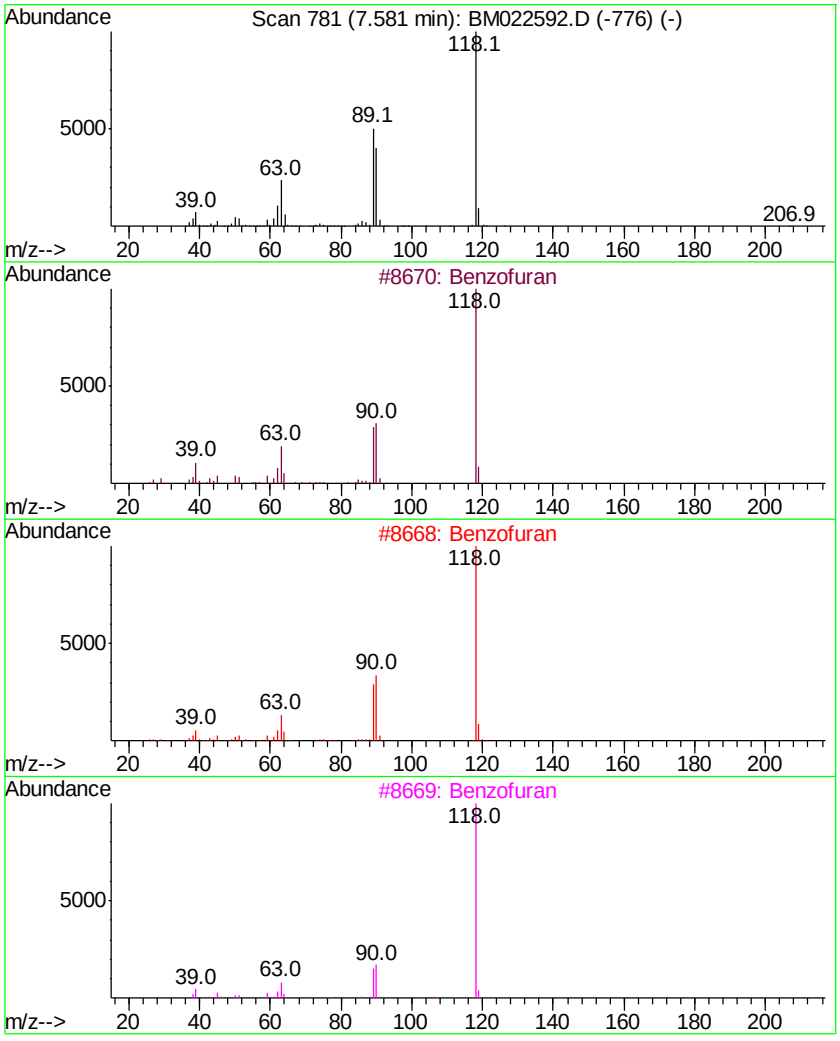
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

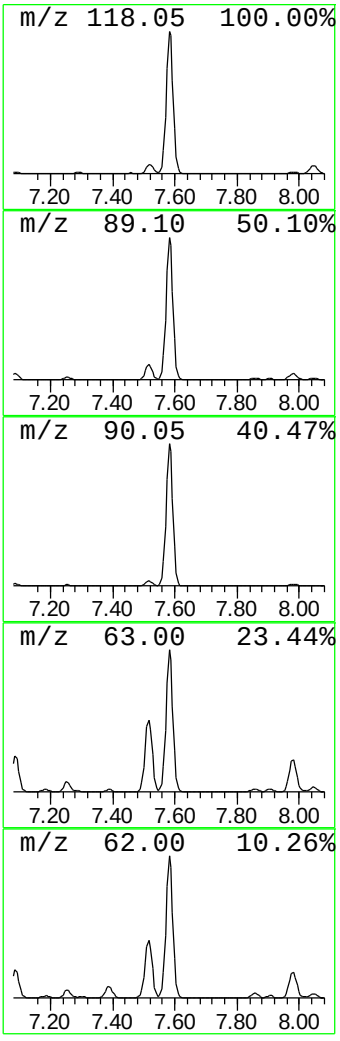
****

Peak Number 8 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	56.05 ng/ul	8250390	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	90
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	87
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

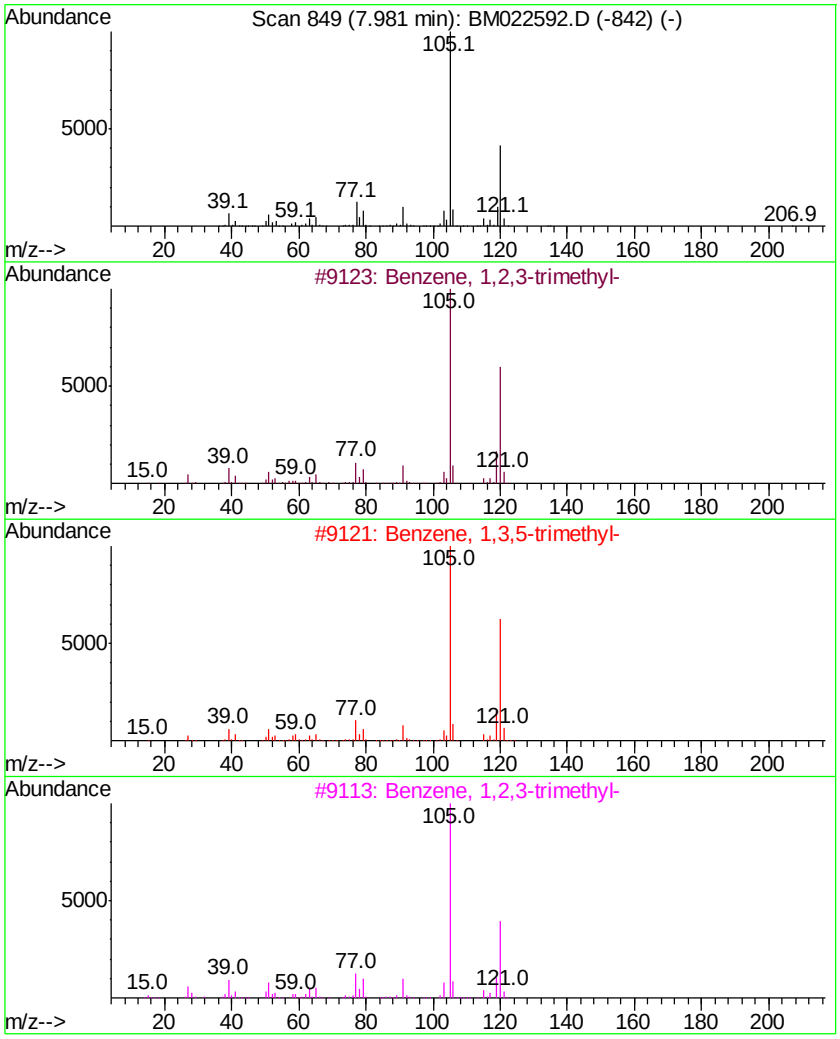
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

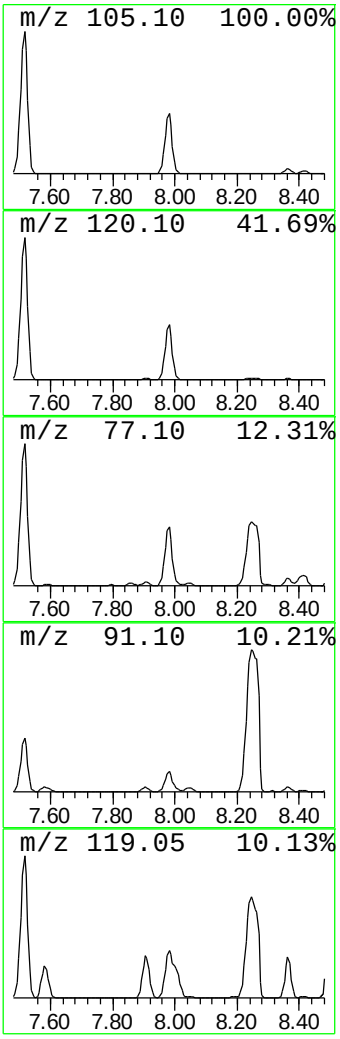
****

Peak Number 9 Benzene, 1,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	72.63 ng/ul	10691100	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

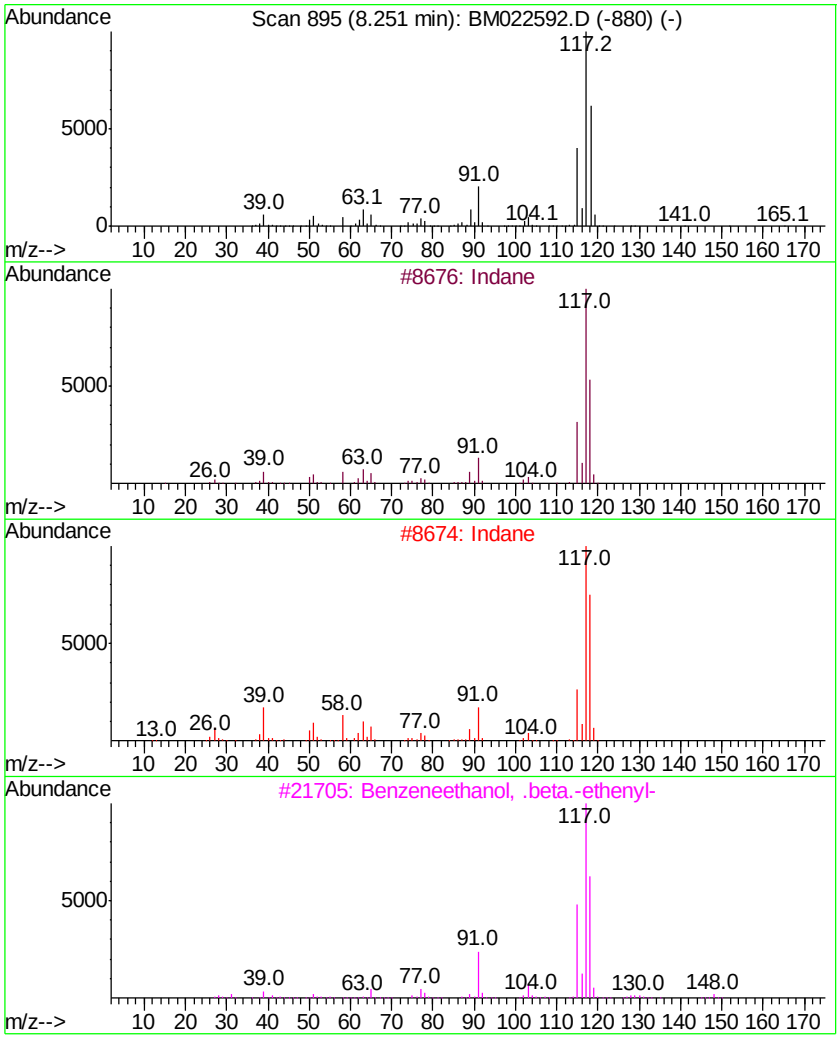
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

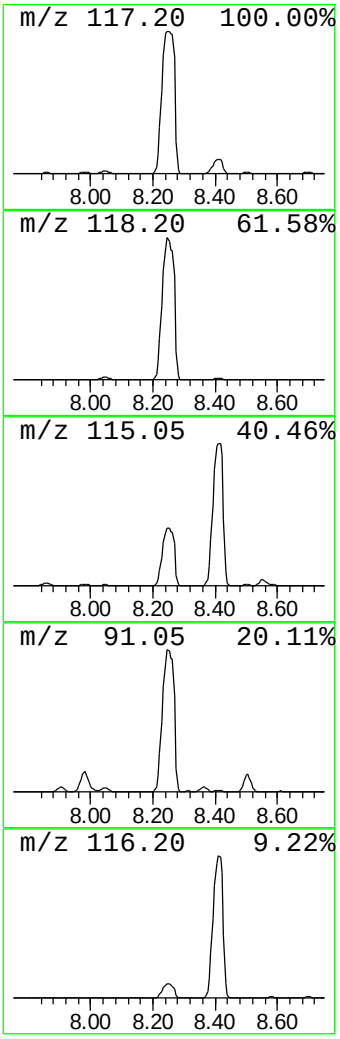
****

Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	500.00 ng/ul	73601100	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	89
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	83
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

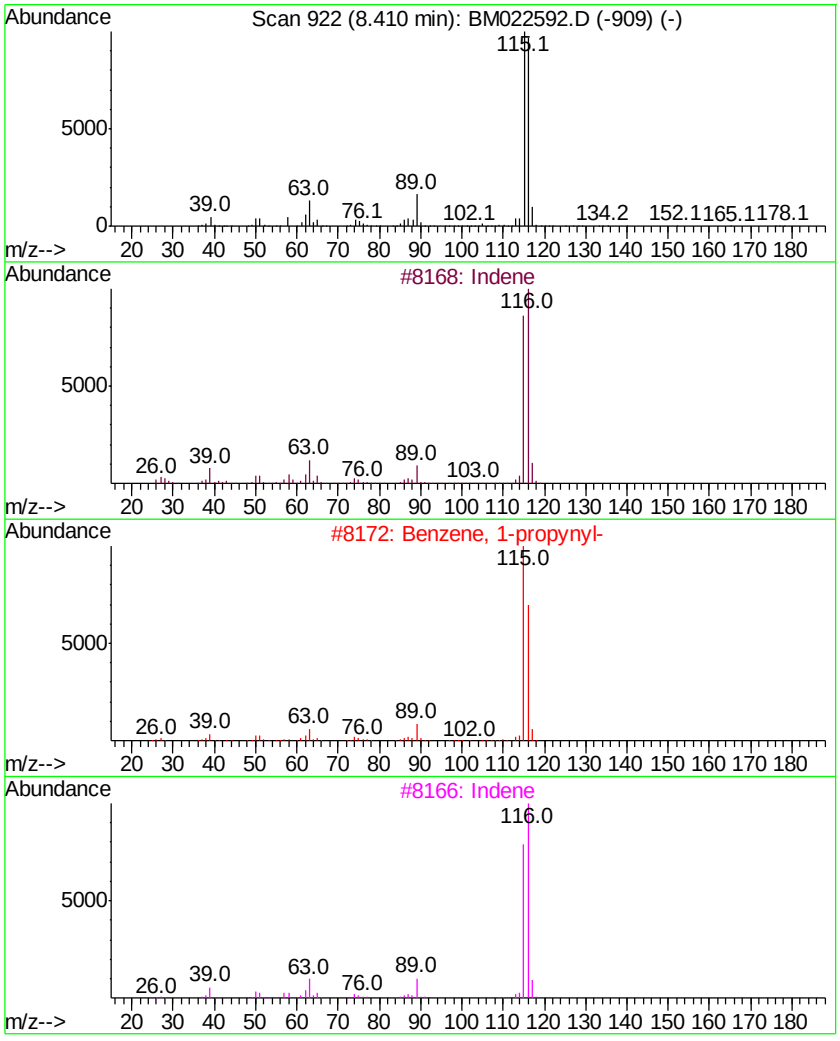
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

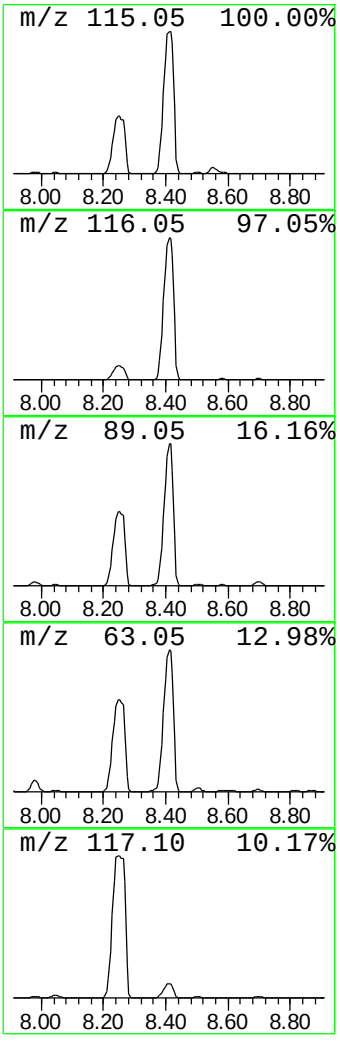
****

Peak Number 11 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	397.34 ng/ul	58488600	1,4-Dichlorobenzene-d4	7.86

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-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

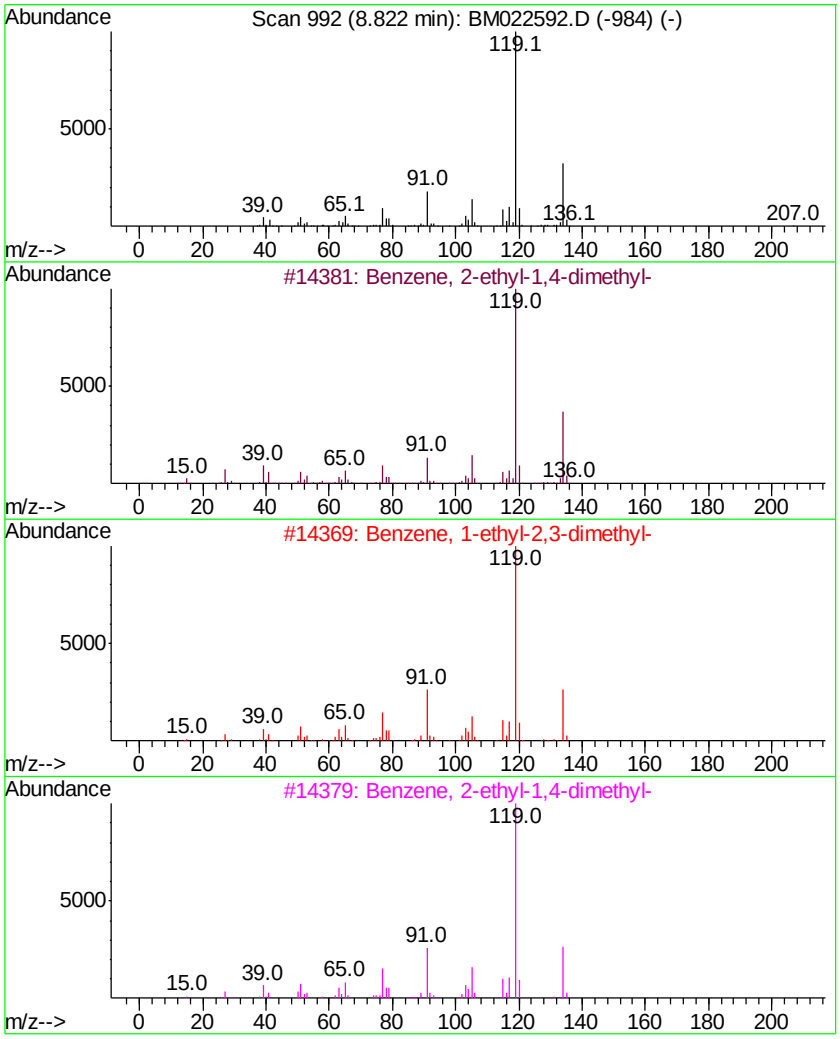
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

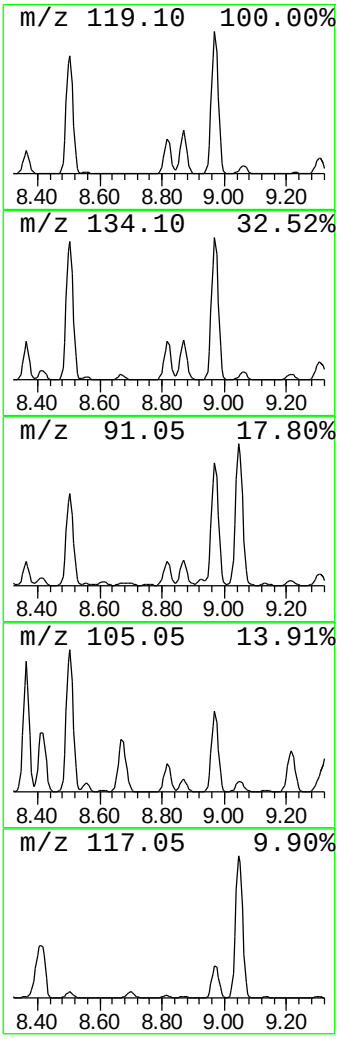
****

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	9.64 ng/ul	1418520	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

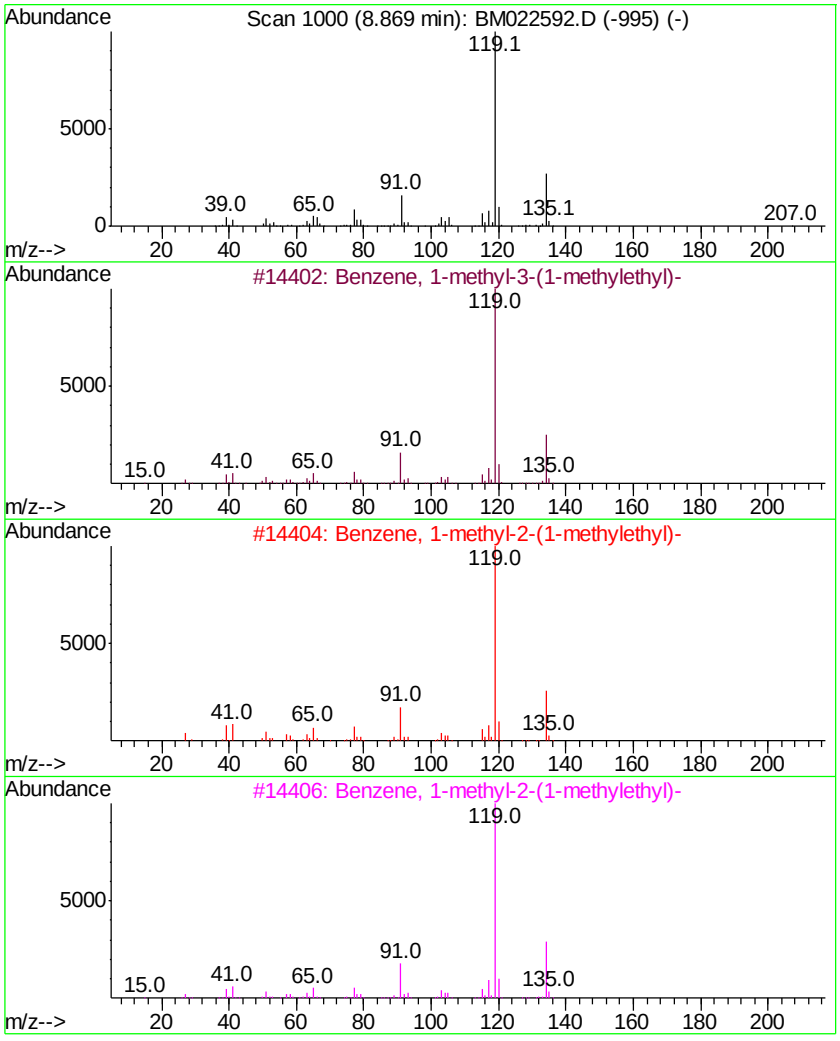
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

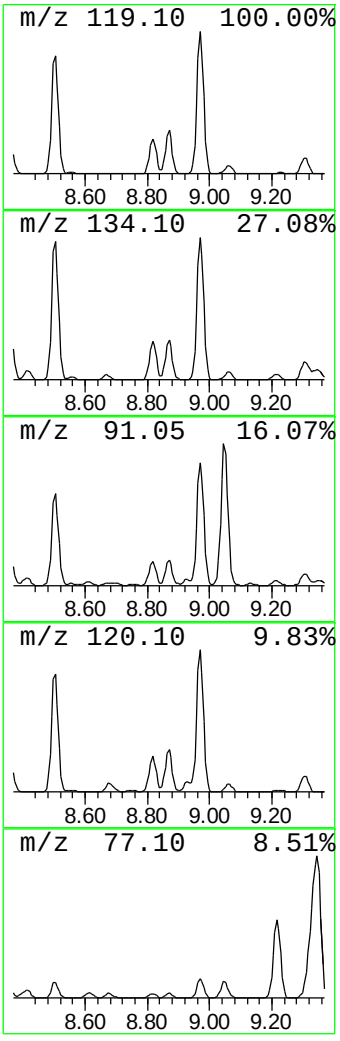
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	9.61 ng/ul	1414770	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

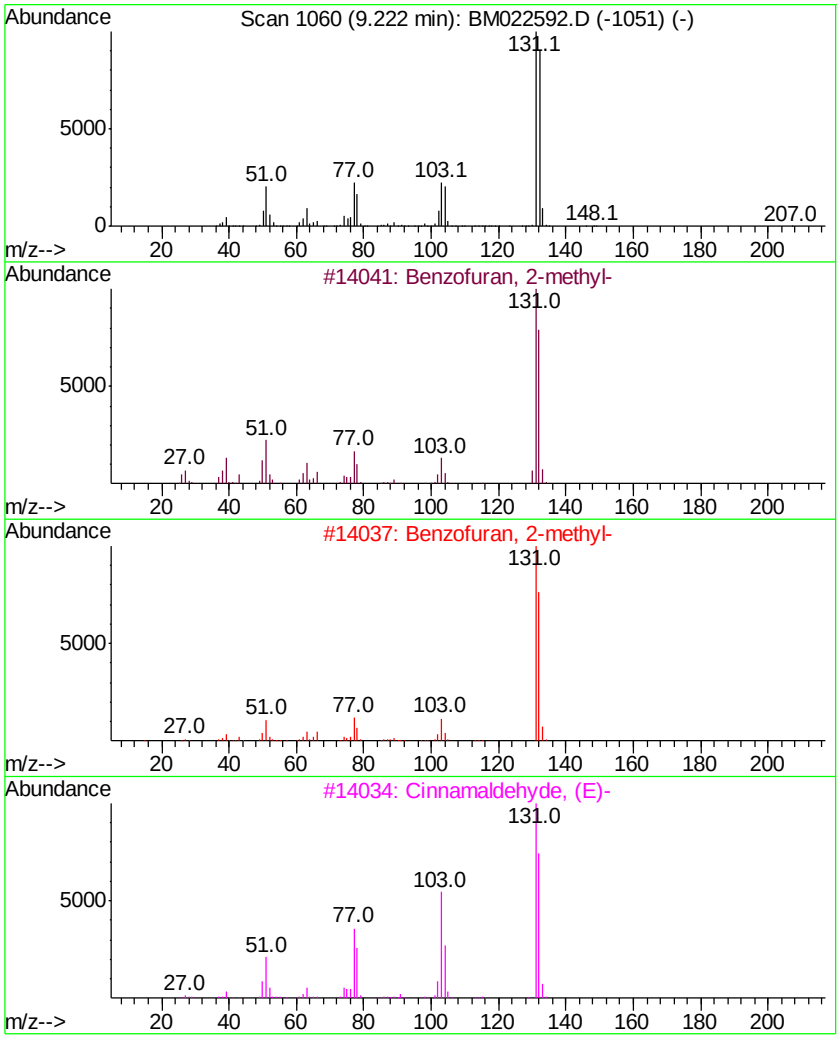
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

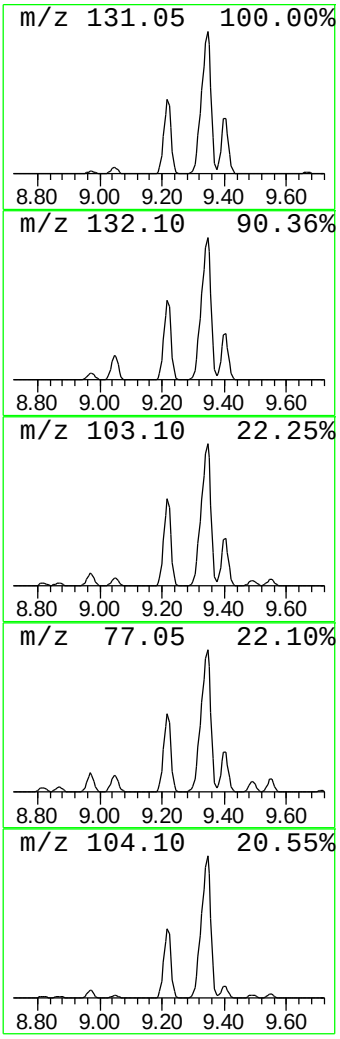
****

Peak Number 14 Benzofuran, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	103.94 ng/ul	15299800	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

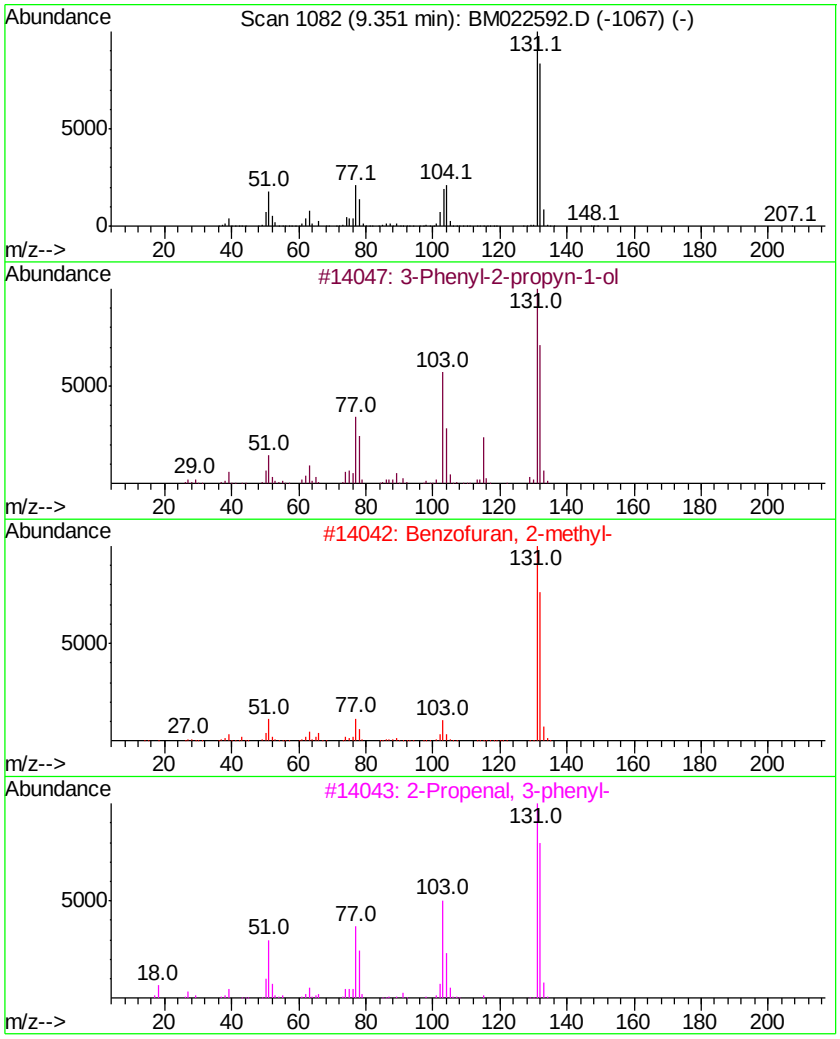
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

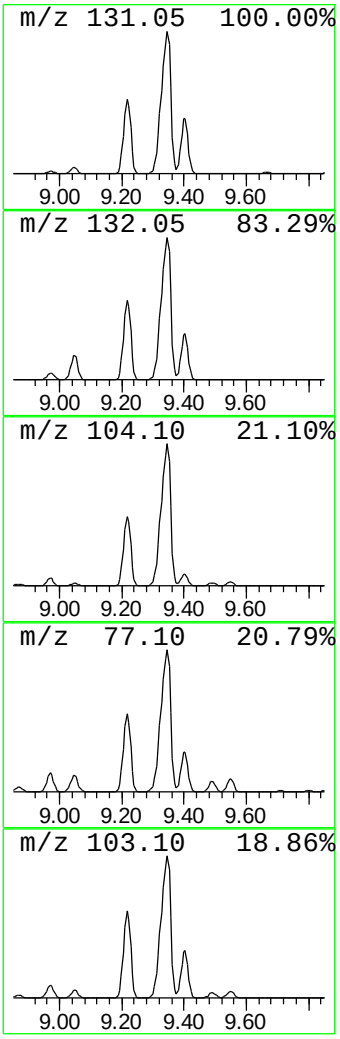
****

Peak Number 15 3-Phenyl-2-propyn-1-ol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	6.92 ng/ul	37086800	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

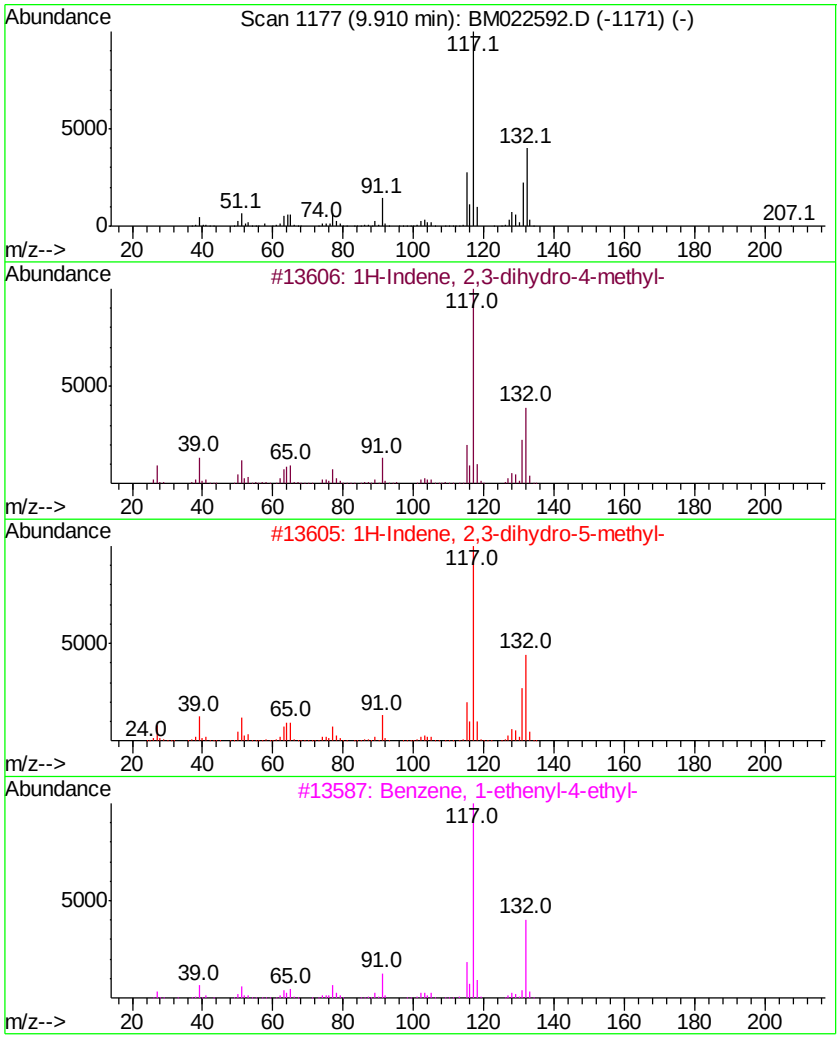
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

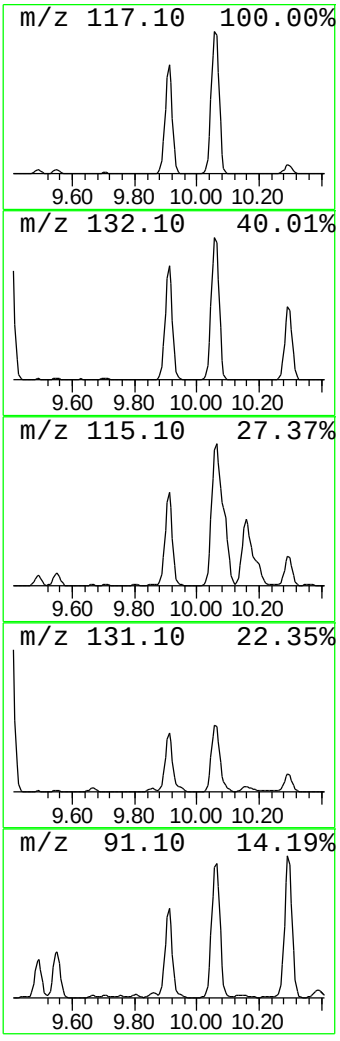
****

Peak Number 16 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	2.33 ng/ul	12488600	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

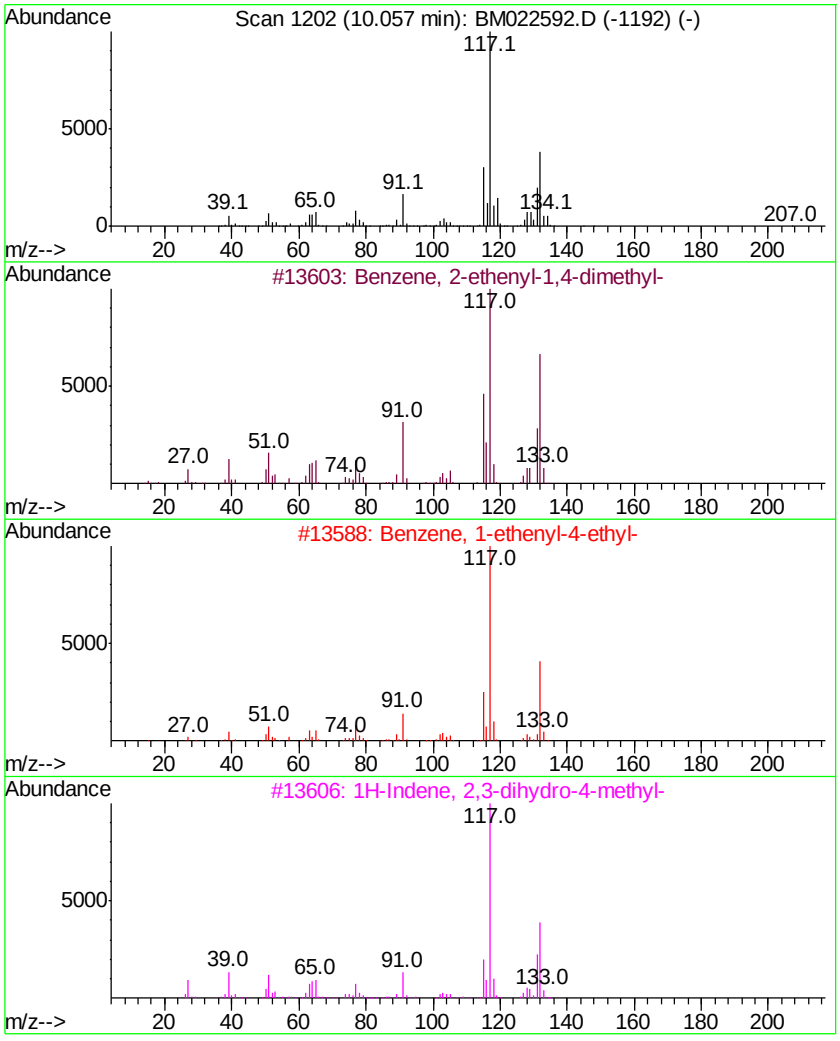
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

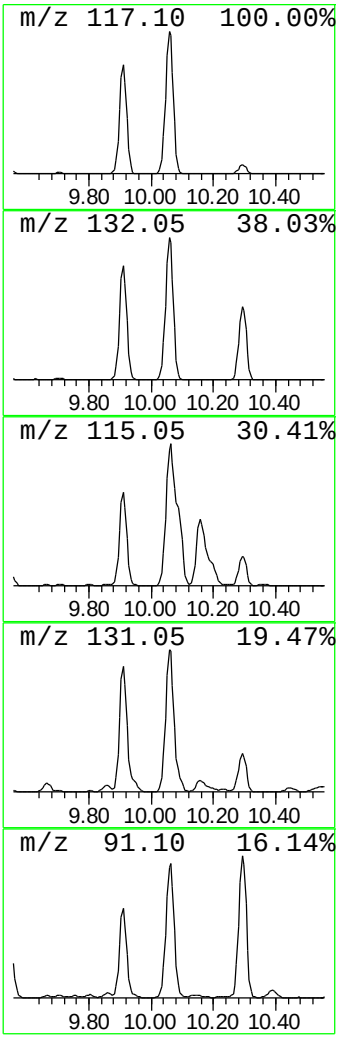
****

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	4.65 ng/ul	24888300	Naphthalene-d8	10.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

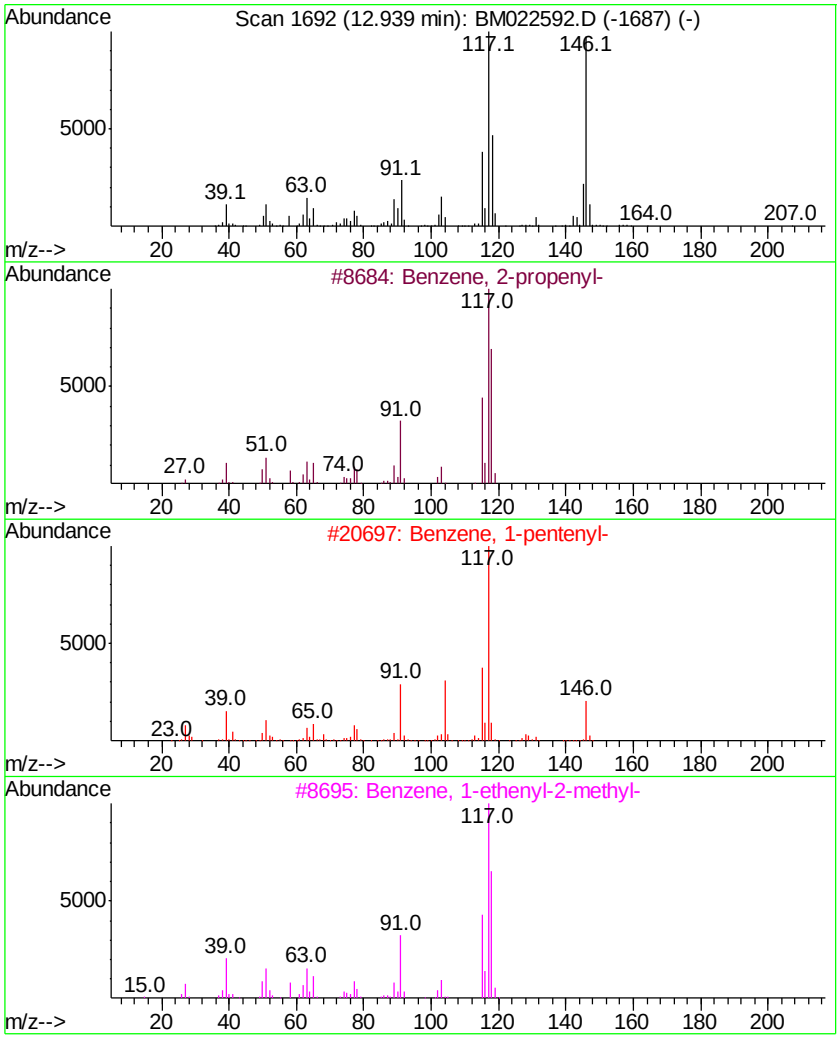
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

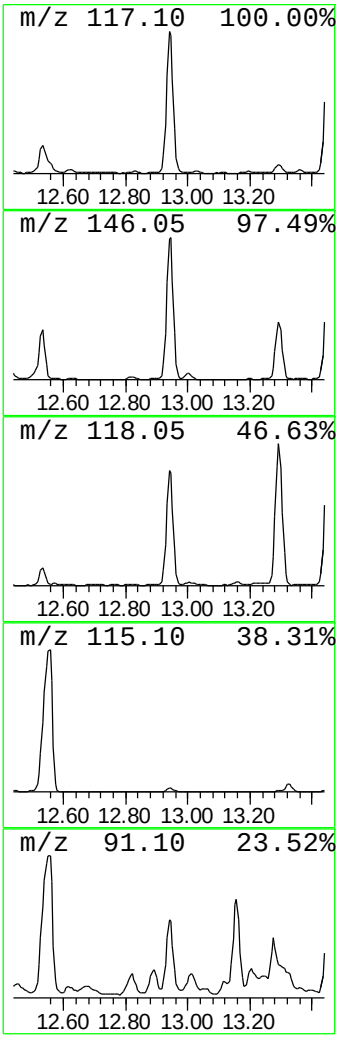
****

Peak Number 18 Benzene, 2-propenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	5.21 ng/ul	1977850	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	76
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

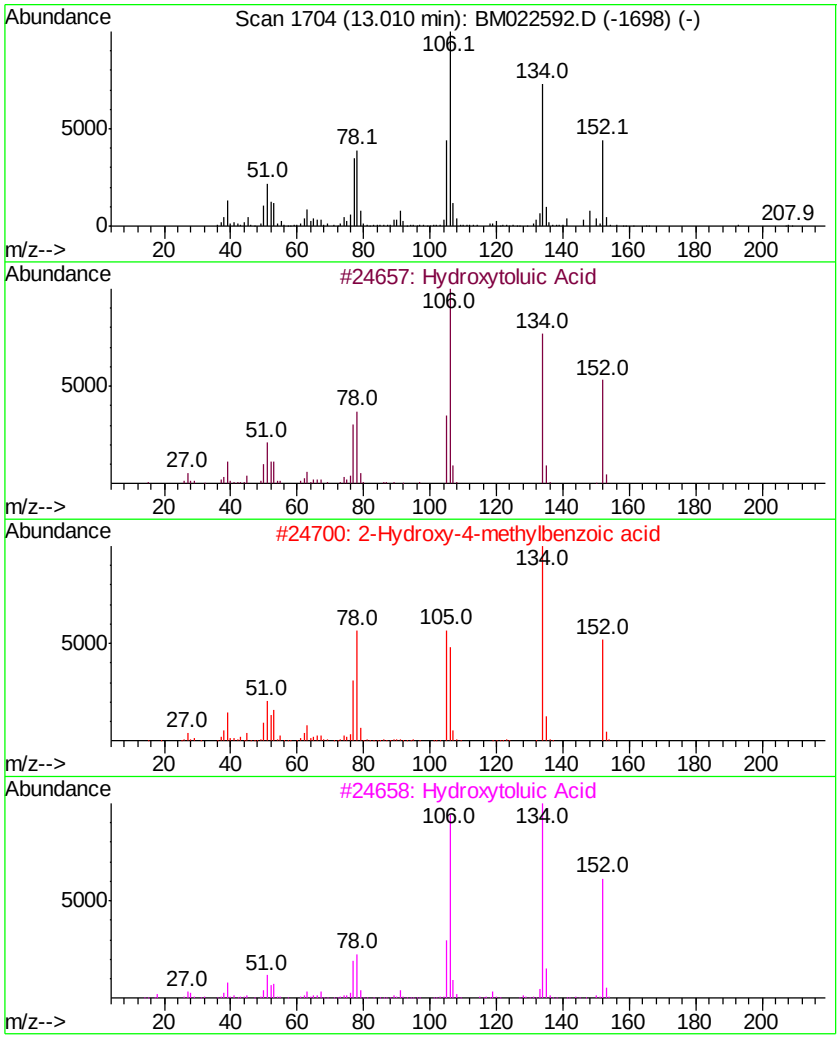
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

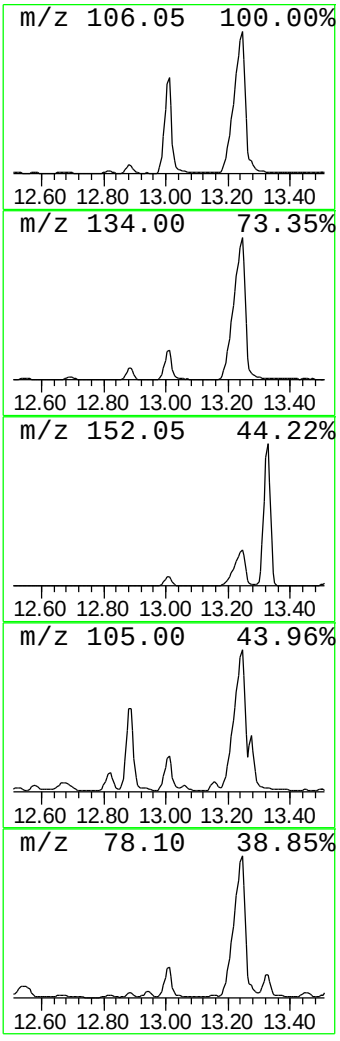
****

Peak Number 19 Hydroxytoluic Acid Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.03 ng/ul	1908010	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxytoluic Acid	152	C8H8O3	000083-40-9	97
2	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	93
3	Hydroxytoluic Acid	152	C8H8O3	000083-40-9	91
4	Hydroxytoluic Acid	152	C8H8O3	000083-40-9	90
5	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

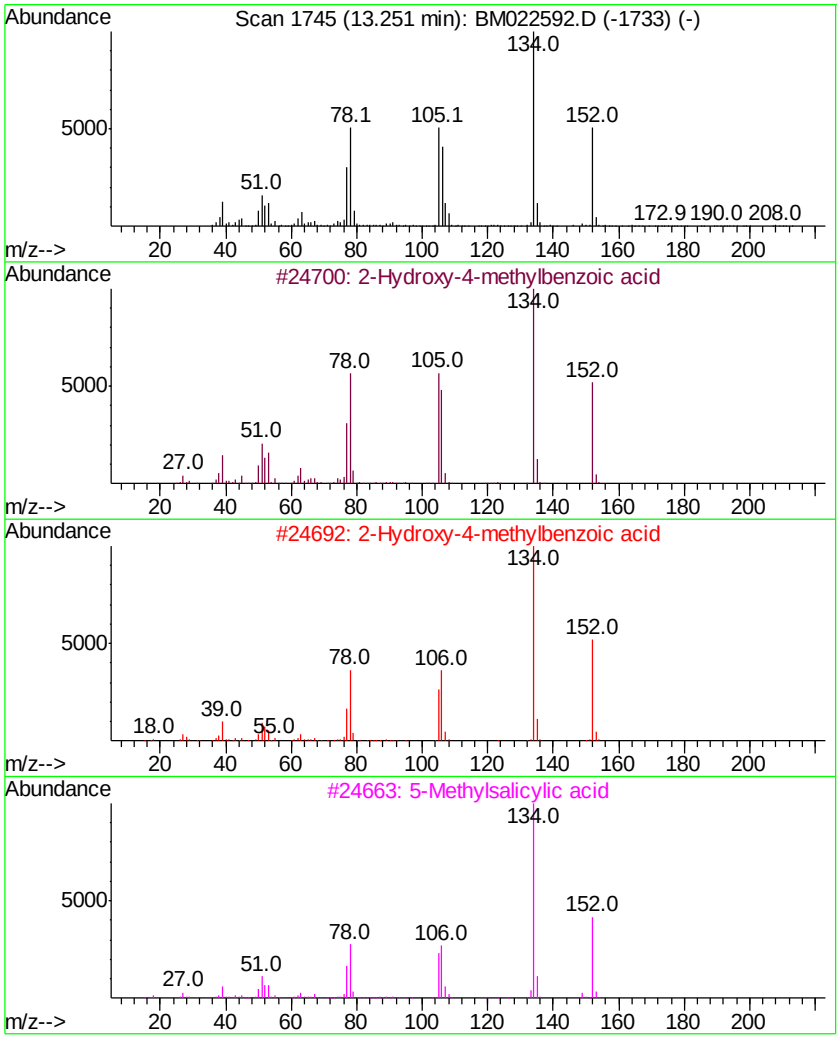
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

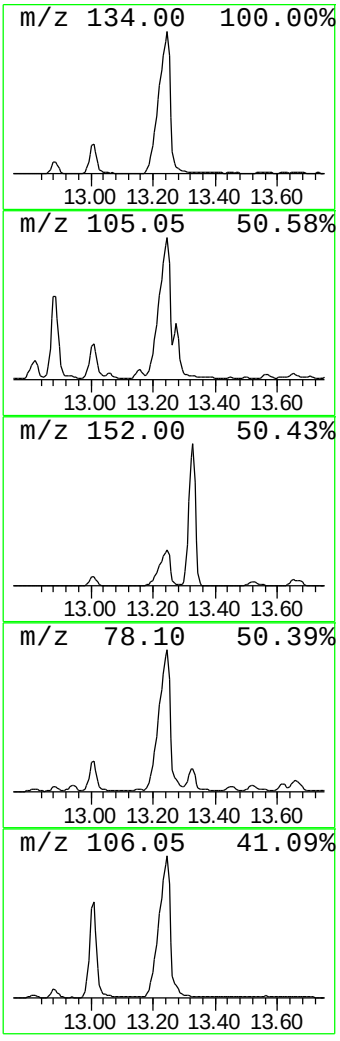
****

Peak Number 20 2-Hydroxy-4-methylbenzoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	19.22 ng/ul	7294500	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	97
2	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	95
3	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	91
4	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	90
5	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

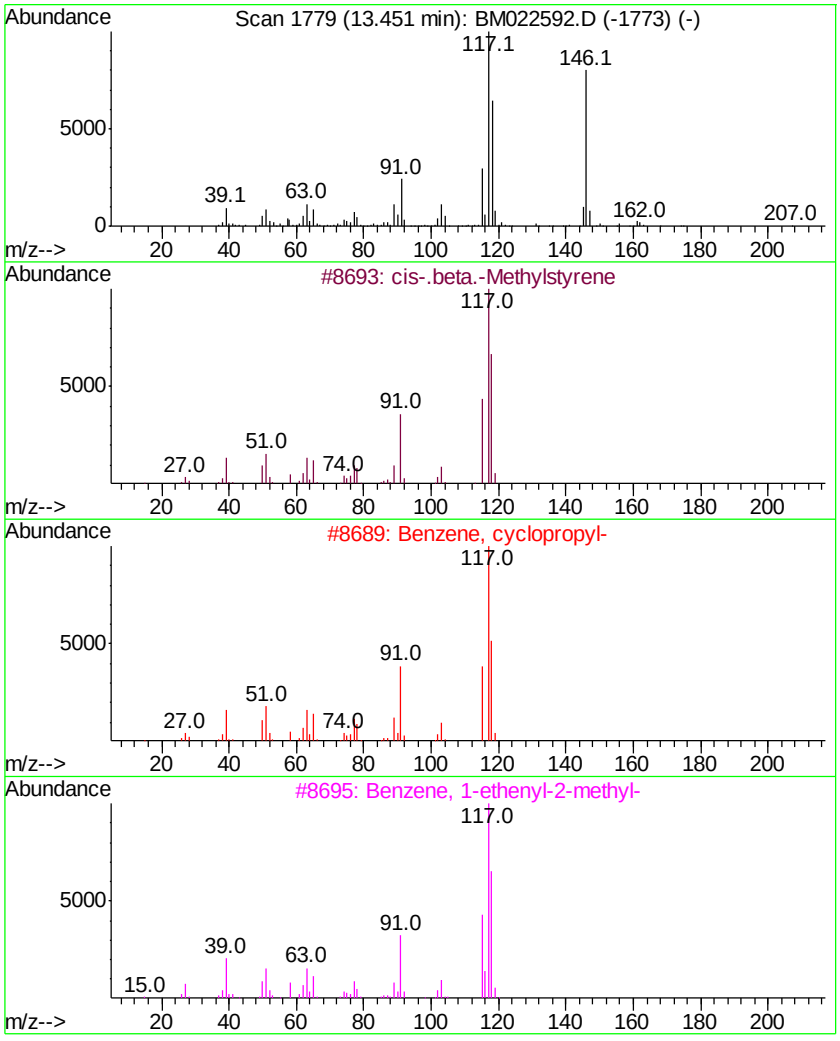
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

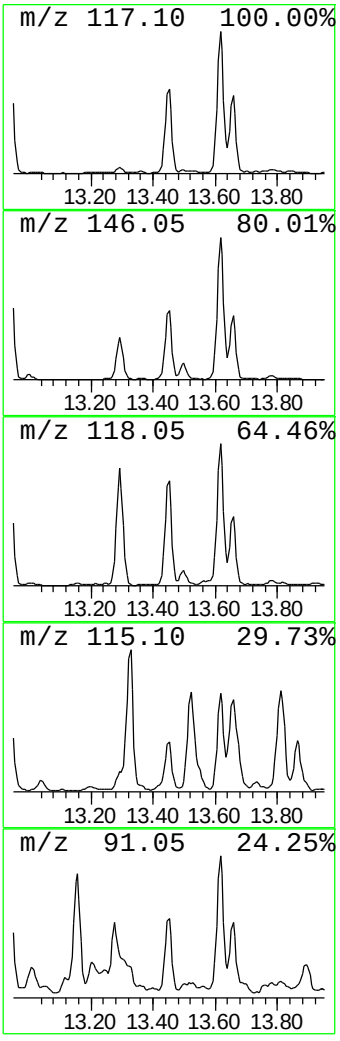
****

Peak Number 21 cis-.beta.-Methylstyrene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.83 ng/ul	1454890	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	89
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

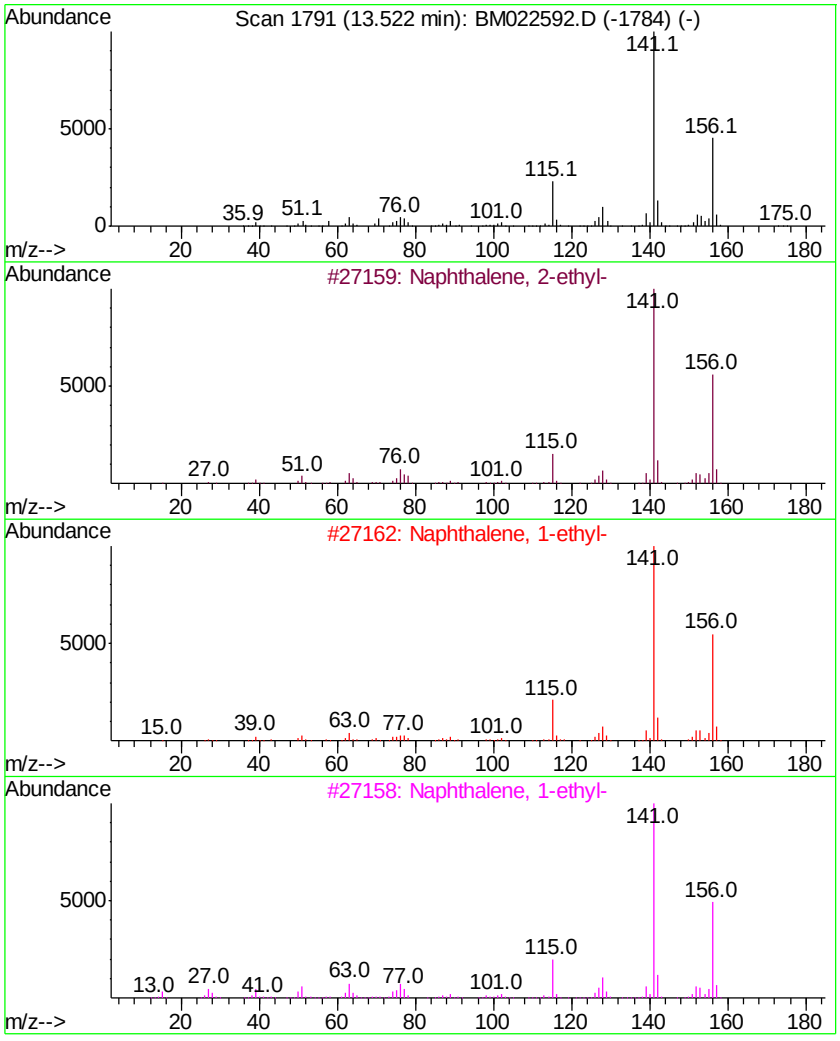
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

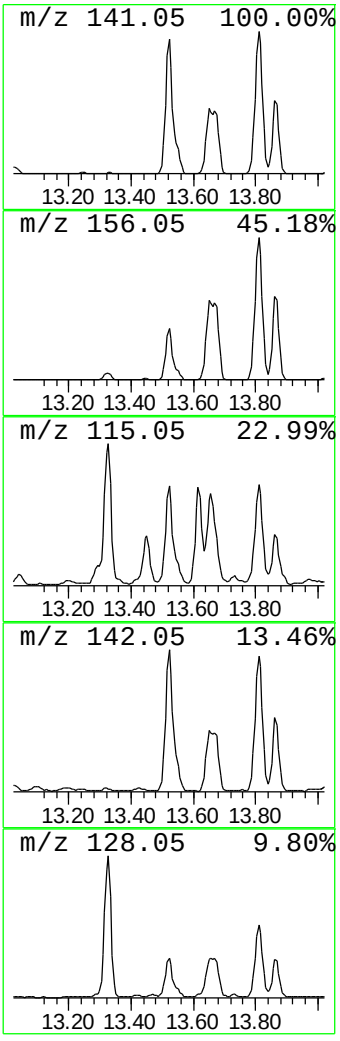
****

Peak Number 22 Naphthalene, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	8.54 ng/ul	3242540	Acenaphthene-d10	14.49

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

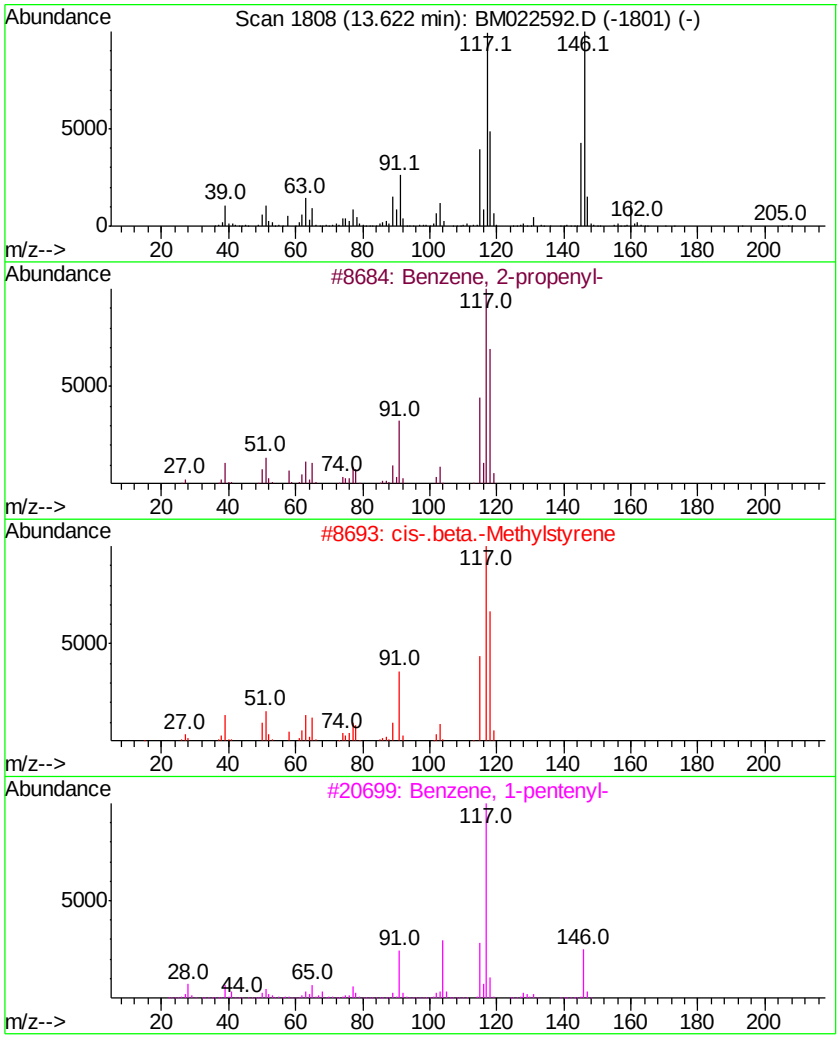
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

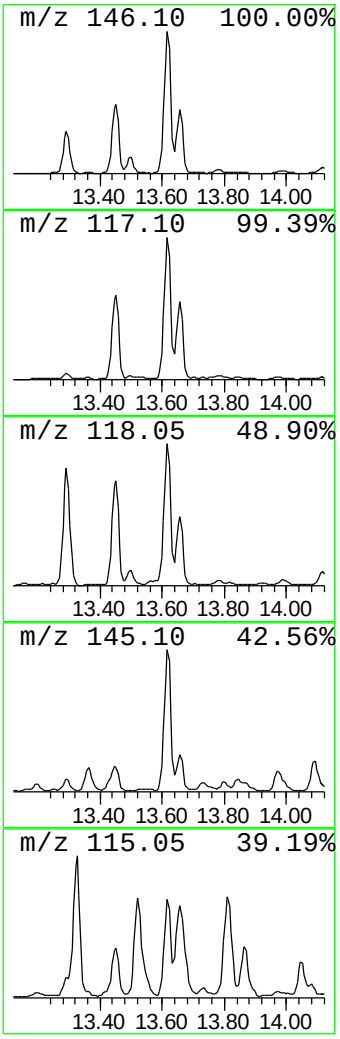
****

Peak Number 23 Benzene, 1-pentenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	7.51 ng/ul	2849130	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	83
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	62
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

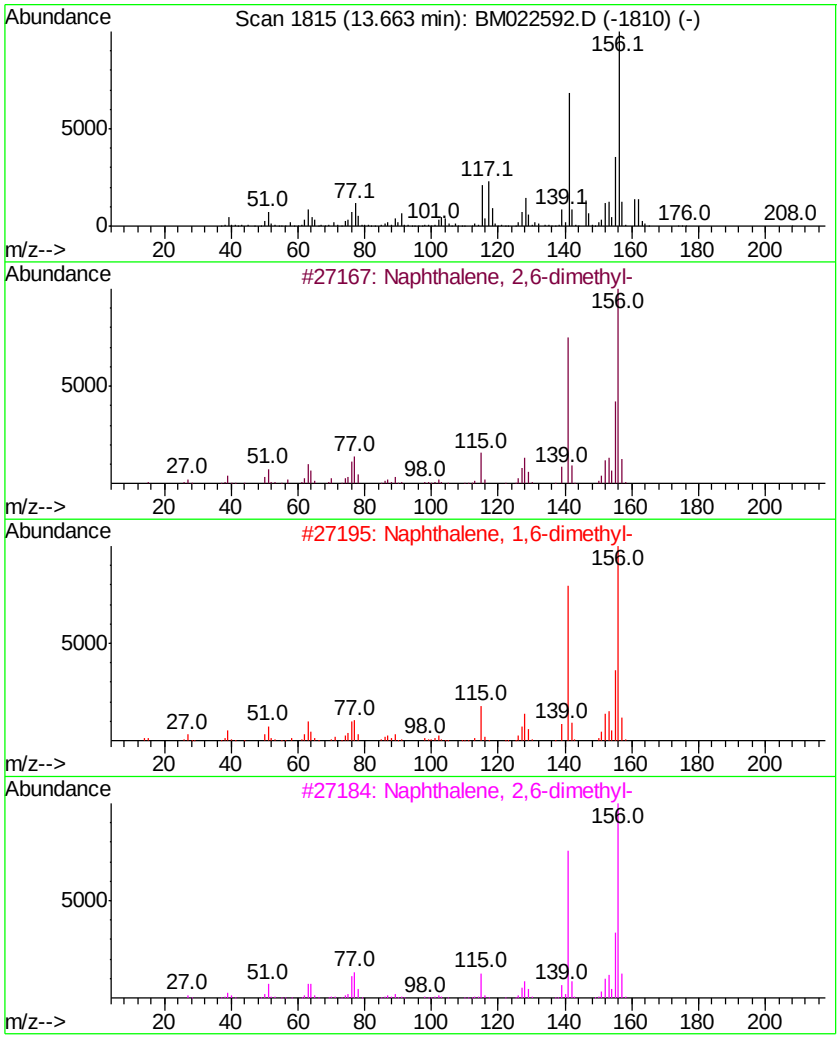
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

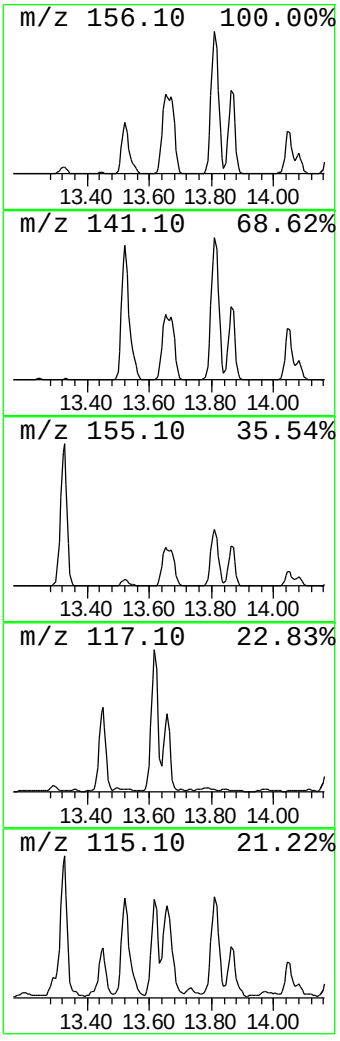
****

Peak Number 24 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	13.80 ng/ul	5239600	Acenaphthene-d10	14.49

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

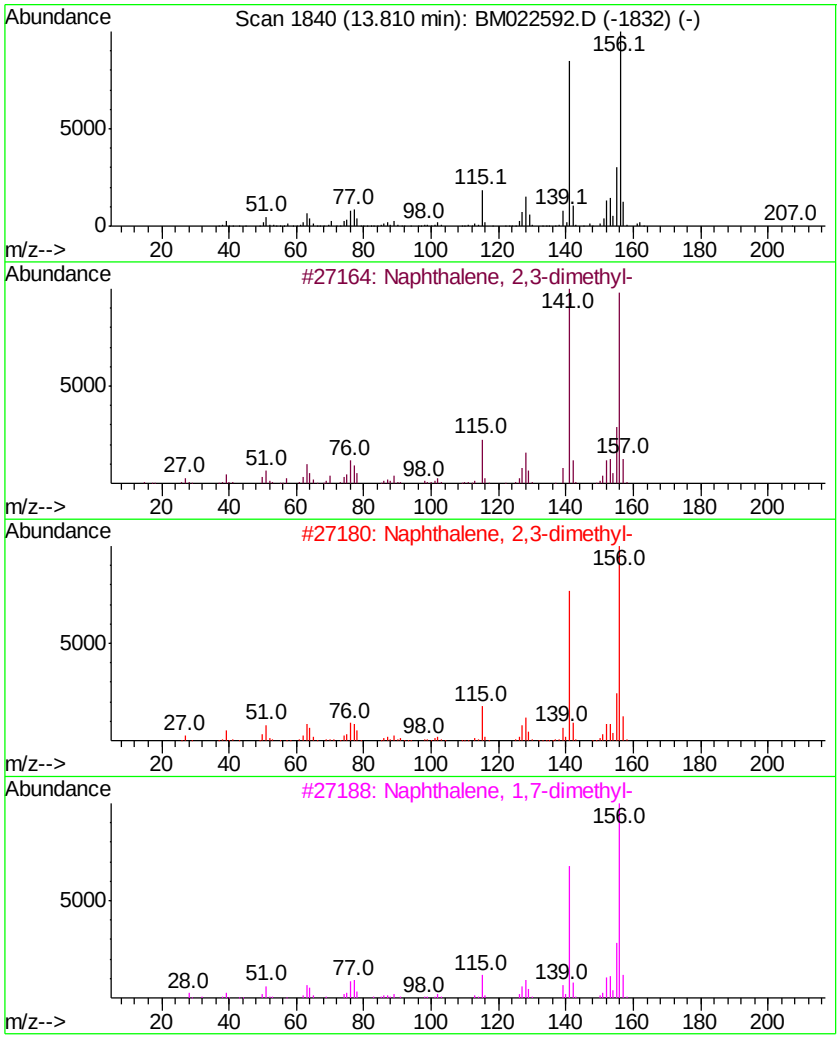
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

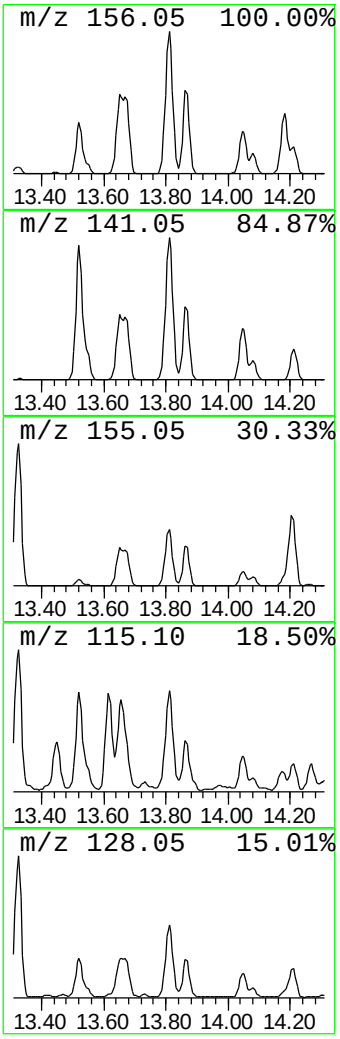
****

Peak Number 25 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	12.70 ng/ul	4820990	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

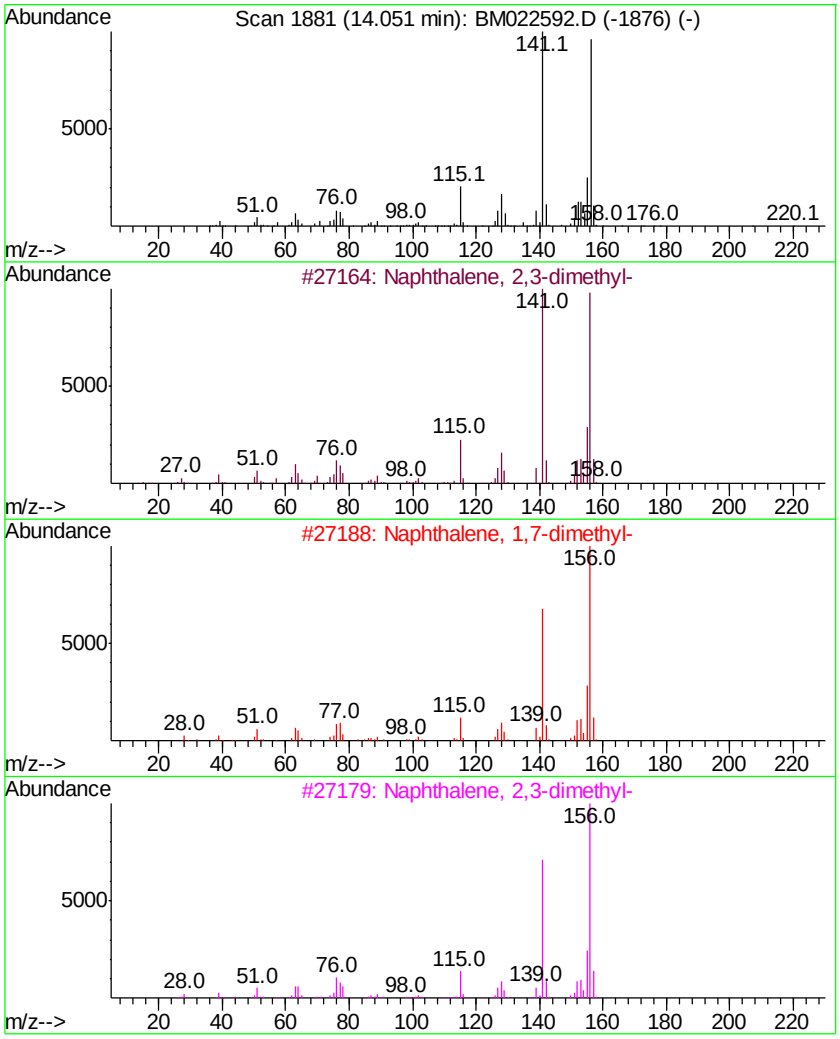
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

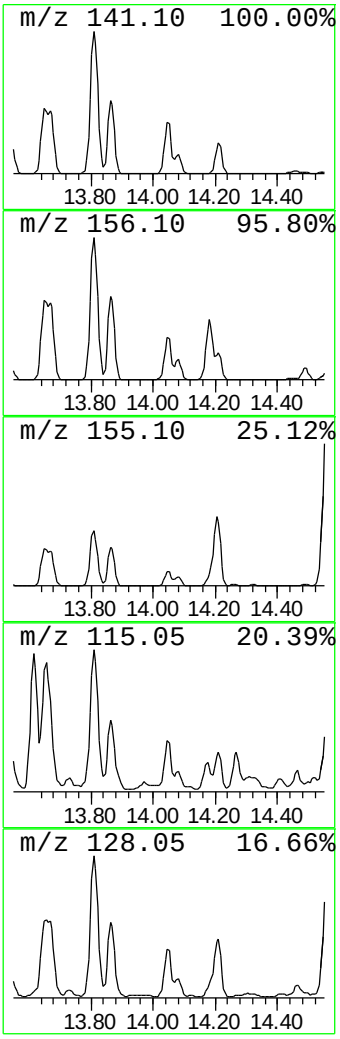
****

Peak Number 26 Naphthalene, 1,7-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	3.35 ng/ul	1273390	Acenaphthene-d10	14.49

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

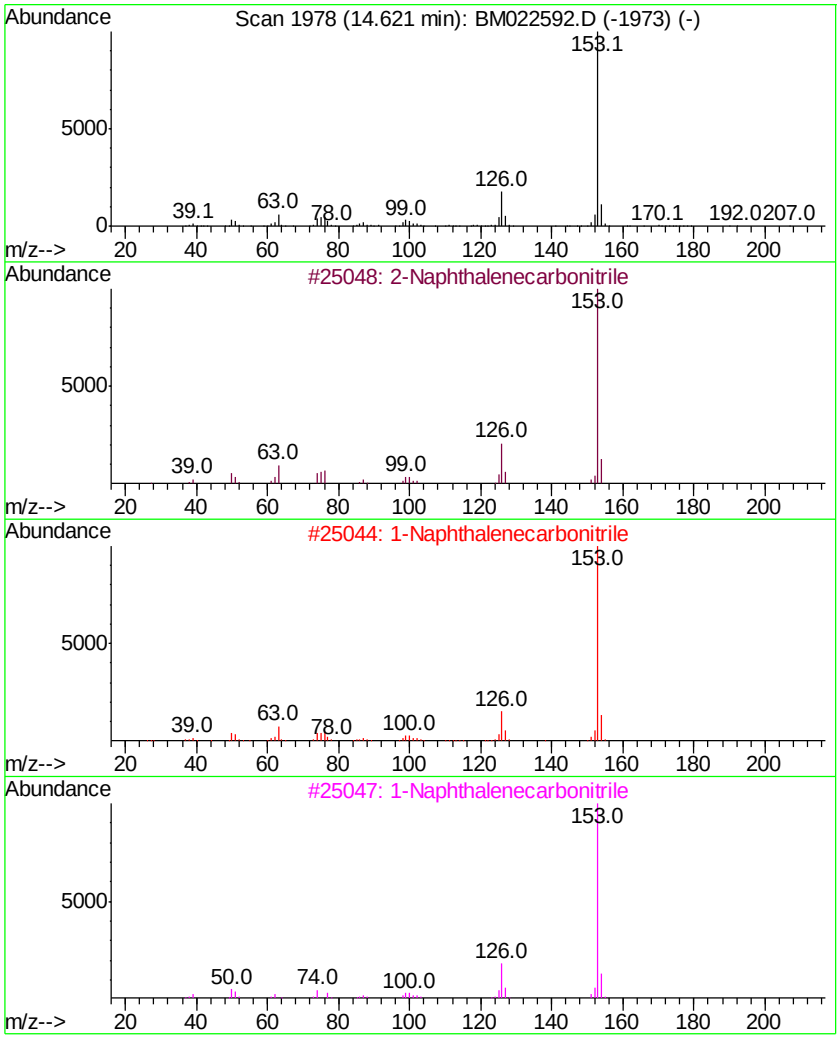
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

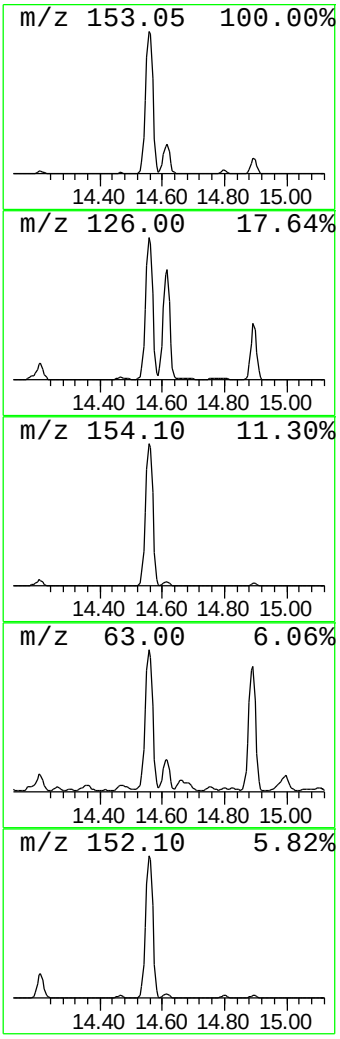
****

Peak Number 27 2-Naphthalenecarbonitrile Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	9.30 ng/ul	3529290	Acenaphthene-d10	14.49

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

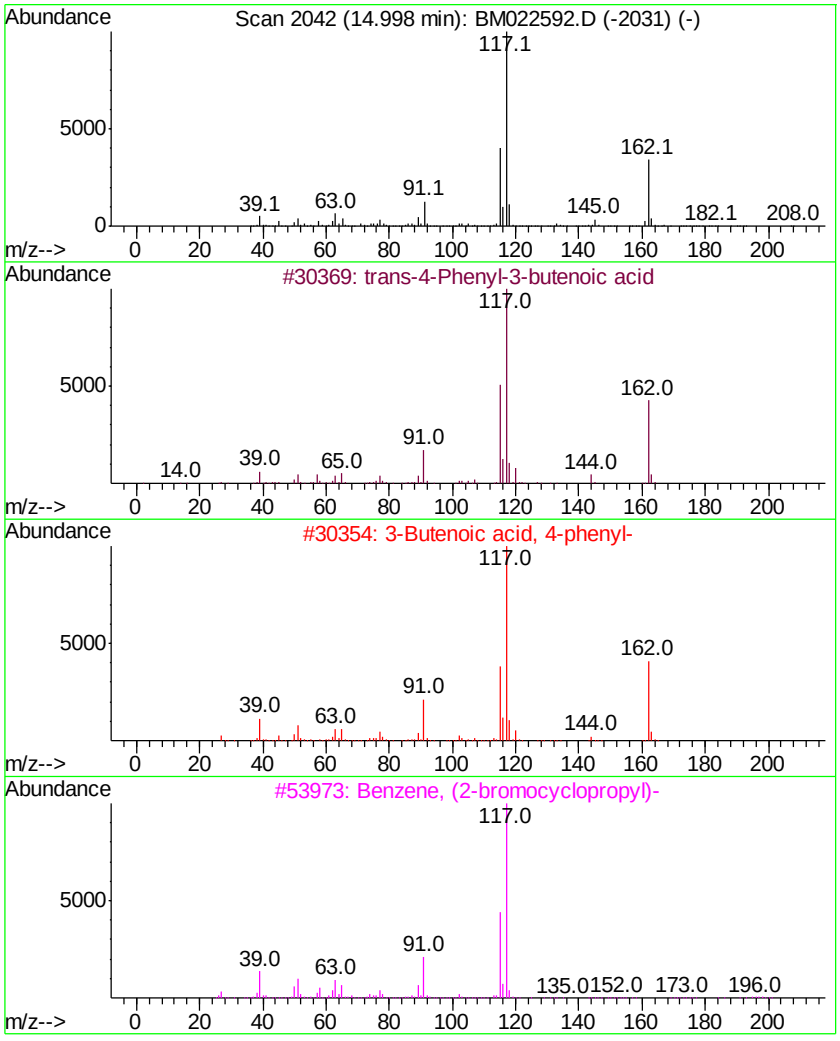
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

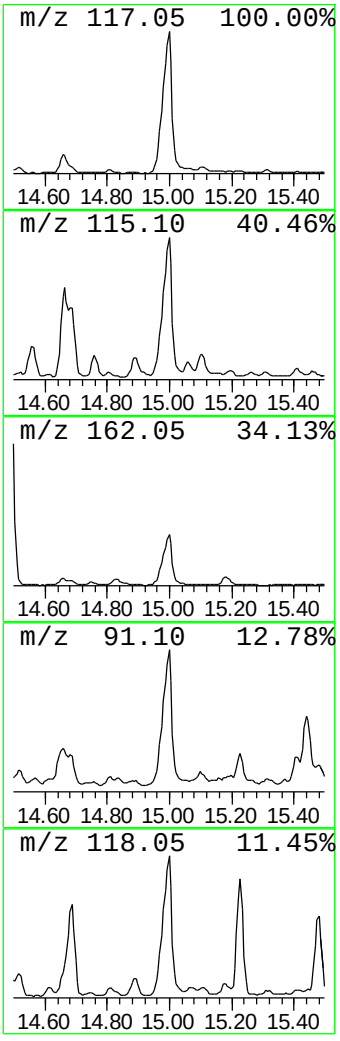
****

Peak Number 28 trans-4-Phenyl-3-butenoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	11.25 ng/ul	4269880	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	94
2	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	91
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	59
5	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

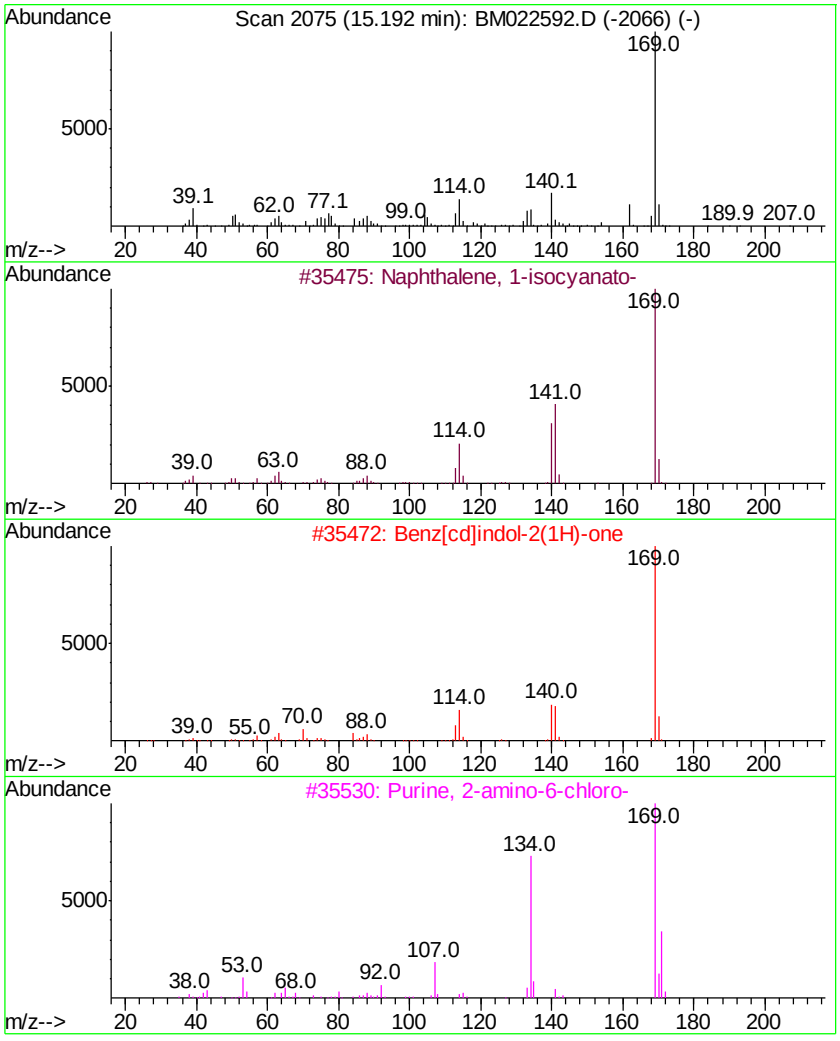
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

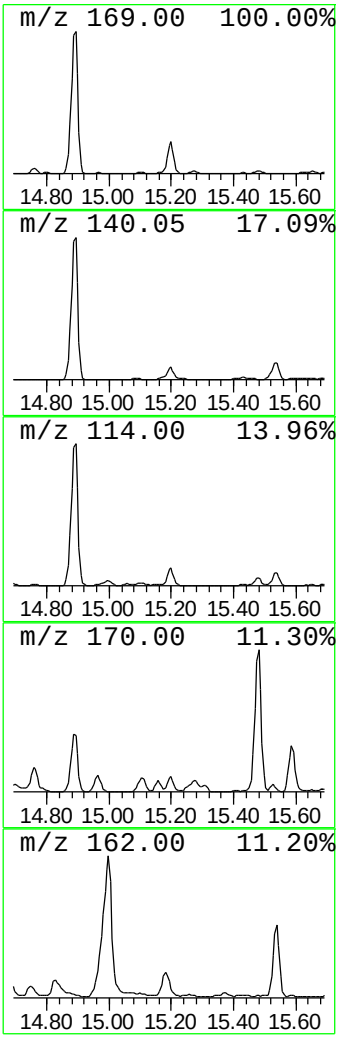
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Naphthalene, 1-isocyanato- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.43 ng/ul	1300160	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	81
2	Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	81
3	Purine, 2-amino-6-chloro-	169	C5H4ClN5	010310-21-1	53
4	Diphenylamine	169	C12H11N	000122-39-4	50
5	Diphenylamine	169	C12H11N	000122-39-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

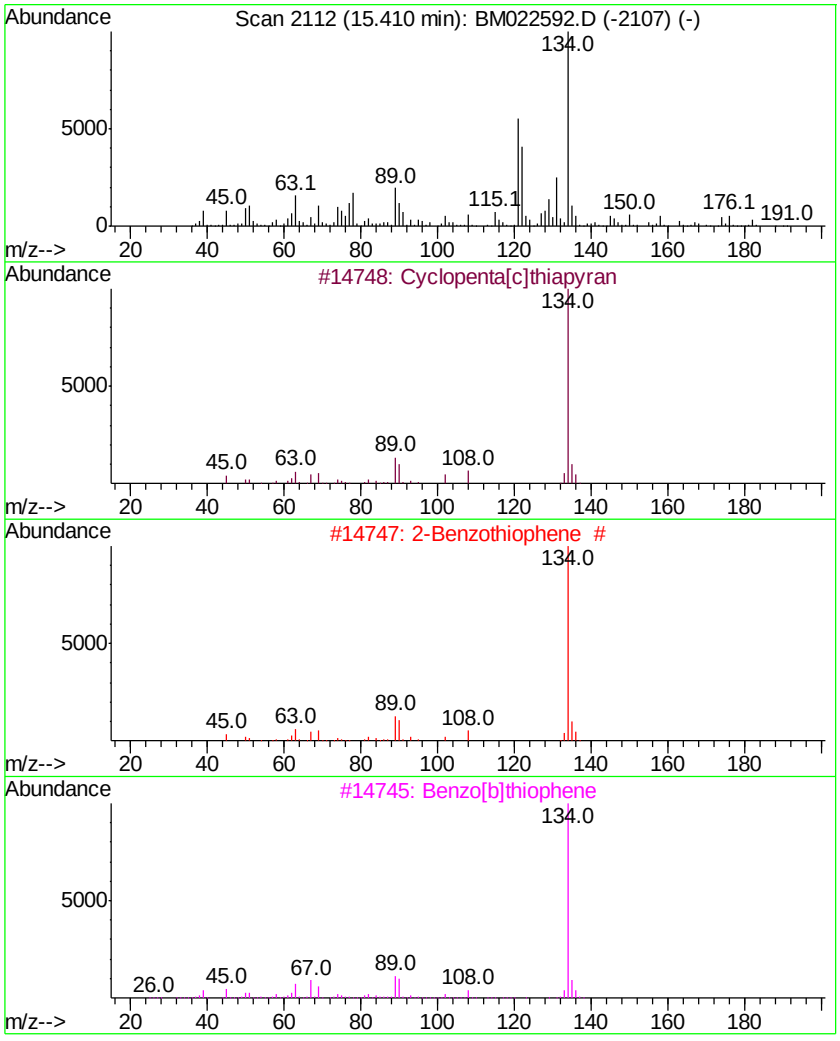
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

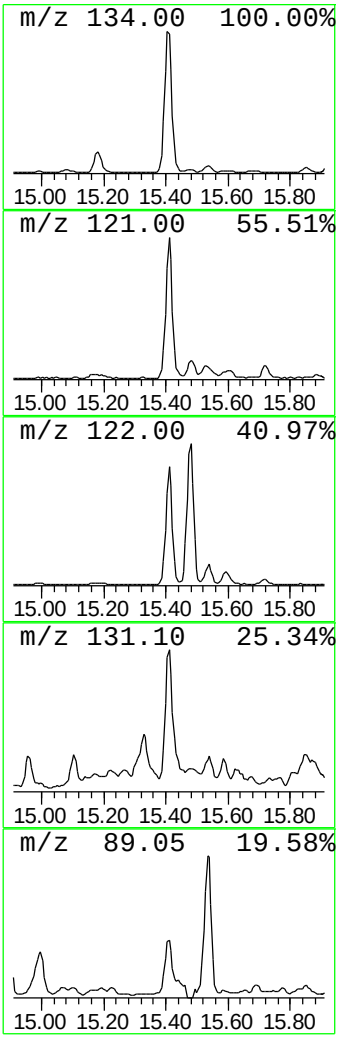
****

Peak Number 30 Cyclopenta[c]thiapyran Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	5.33 ng/ul	2022840	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	55
2	2-Benzothiophene #	134	C8H6S	000270-82-6	55
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	49
4	Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	45
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

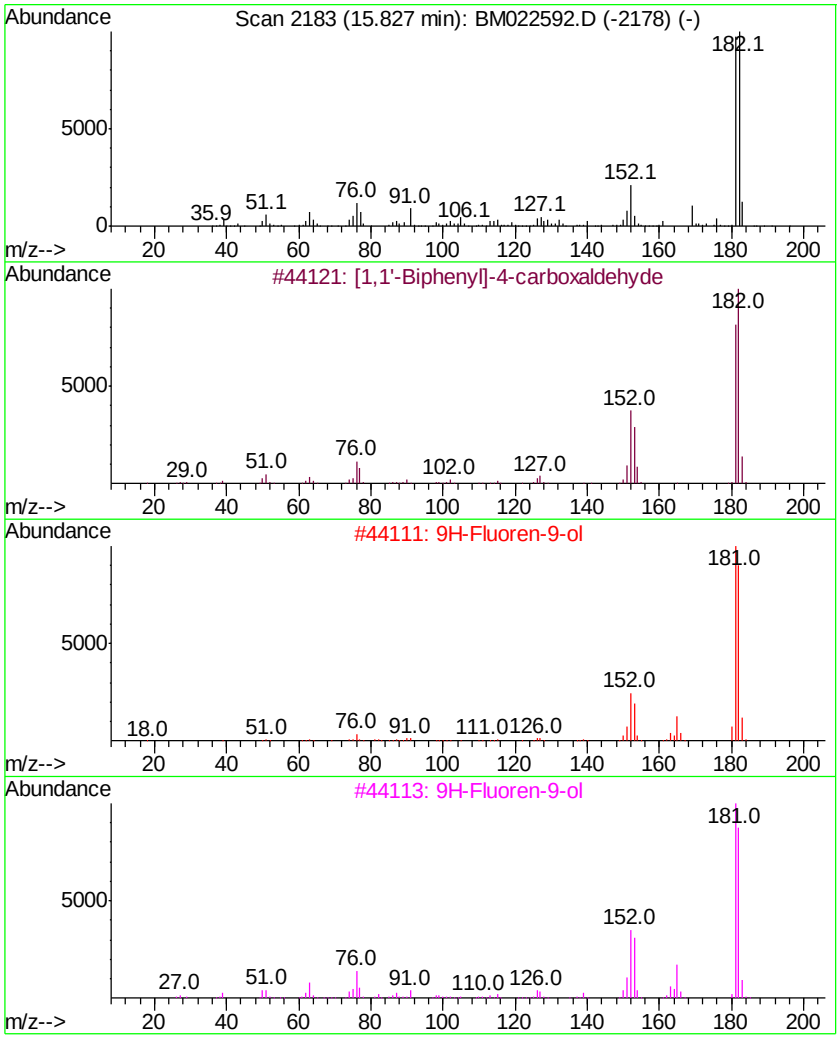
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

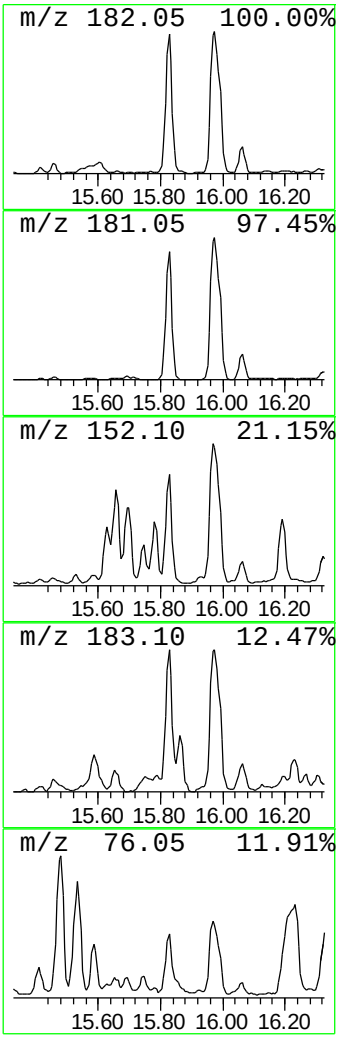
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.93 ng/ul	1111080	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

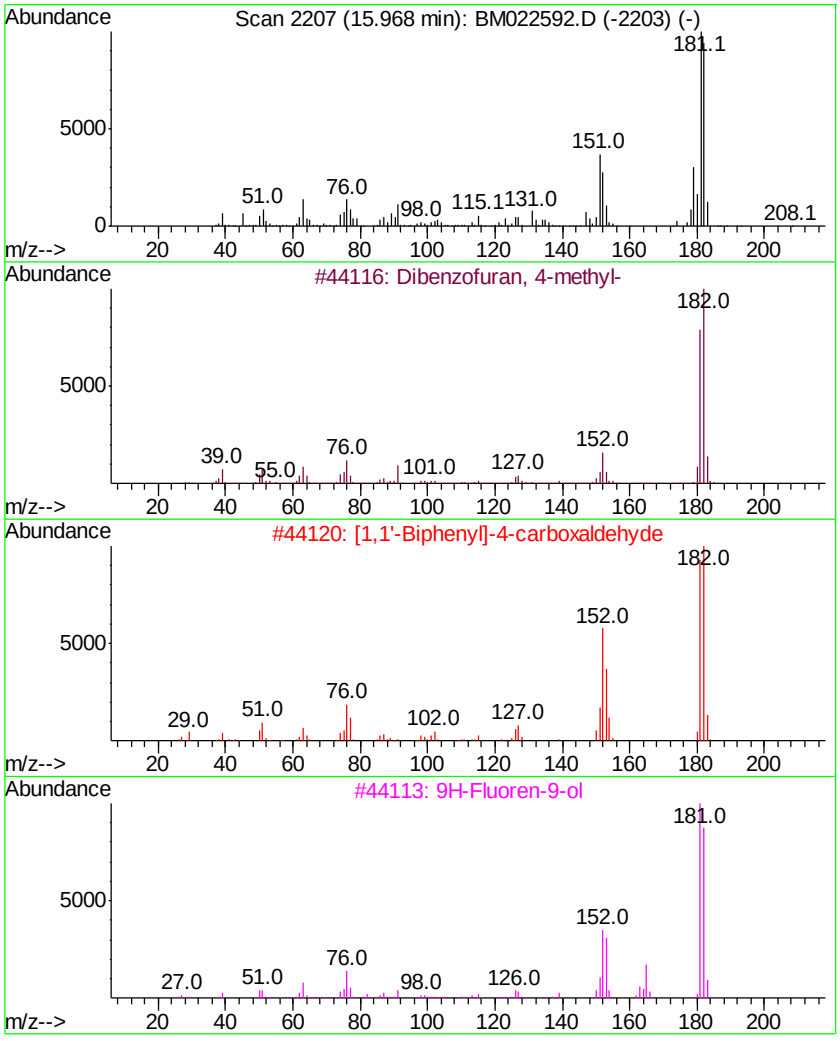
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

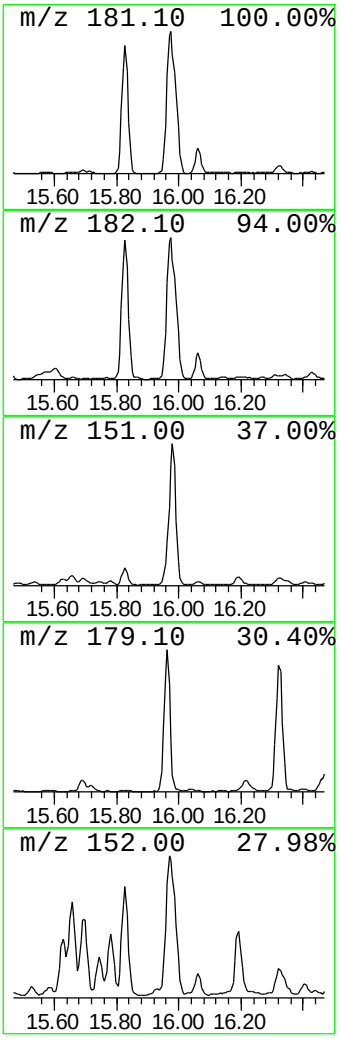
****

Peak Number 32 Dibenzofuran, 4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	7.27 ng/ul	2803370	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

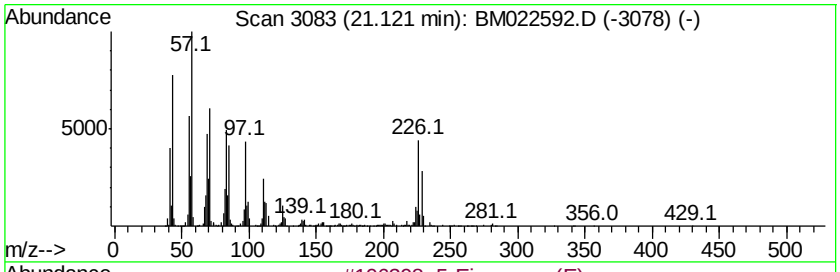
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

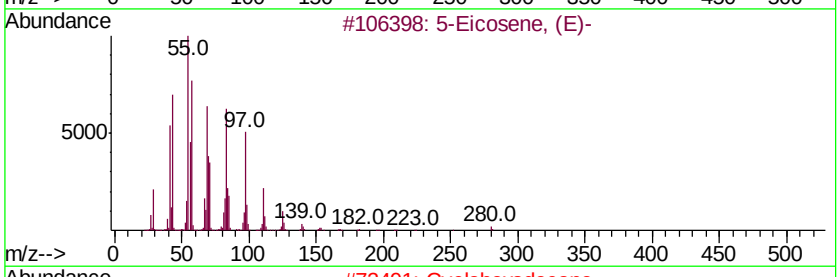
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

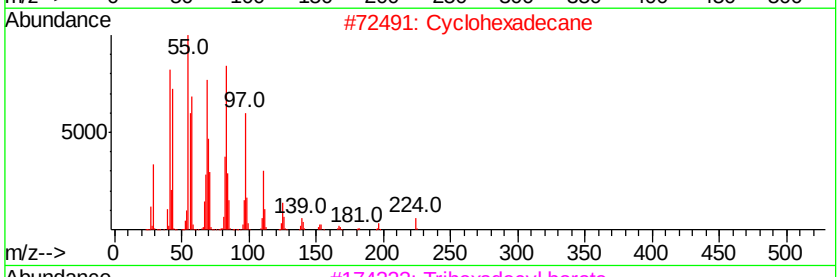
****
Peak Number 49 (DEL) Alkane: Cyclic21.12 Concentration Rank 50

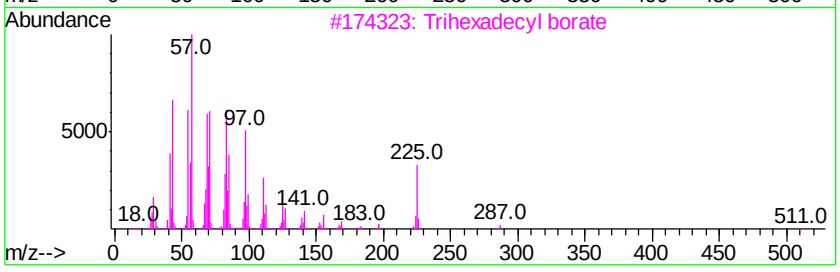
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.77 ng/ul	1348540	Chrysene-d12	21.40

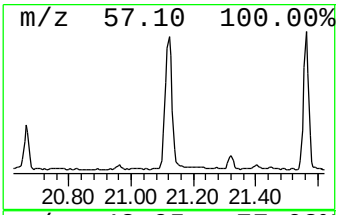
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Trihexadecyl borate	735	C48H99BO3	002665-11-4	87
4	Cyclohexadecane	224	C16H32	000295-65-8	86
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81

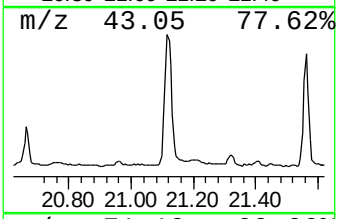


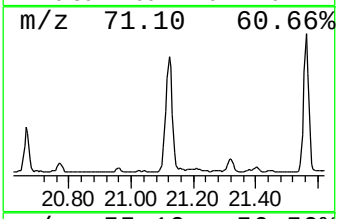


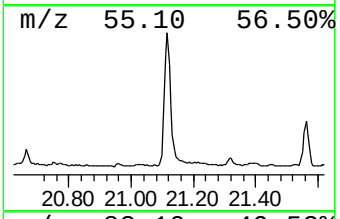


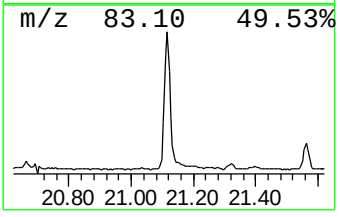












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

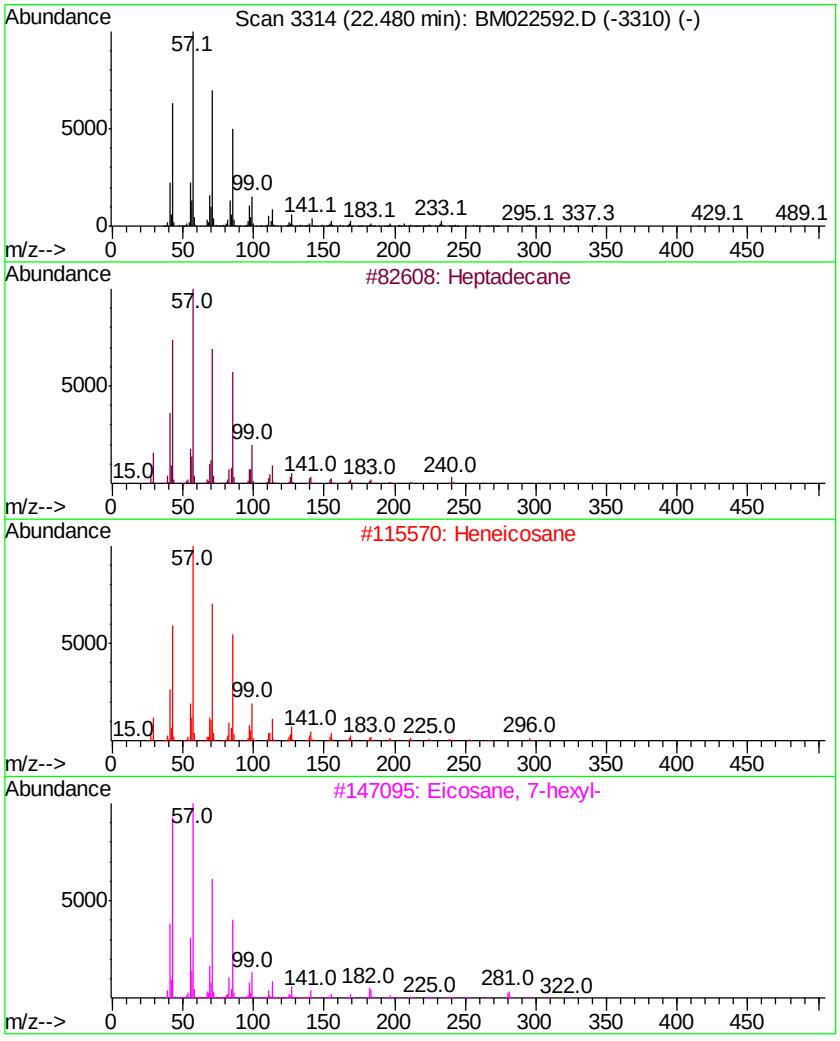
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

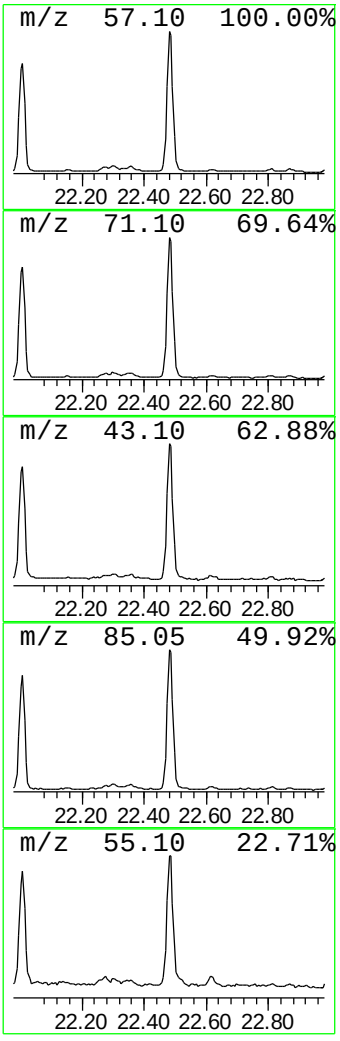
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.42 ng/ul	1177120	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

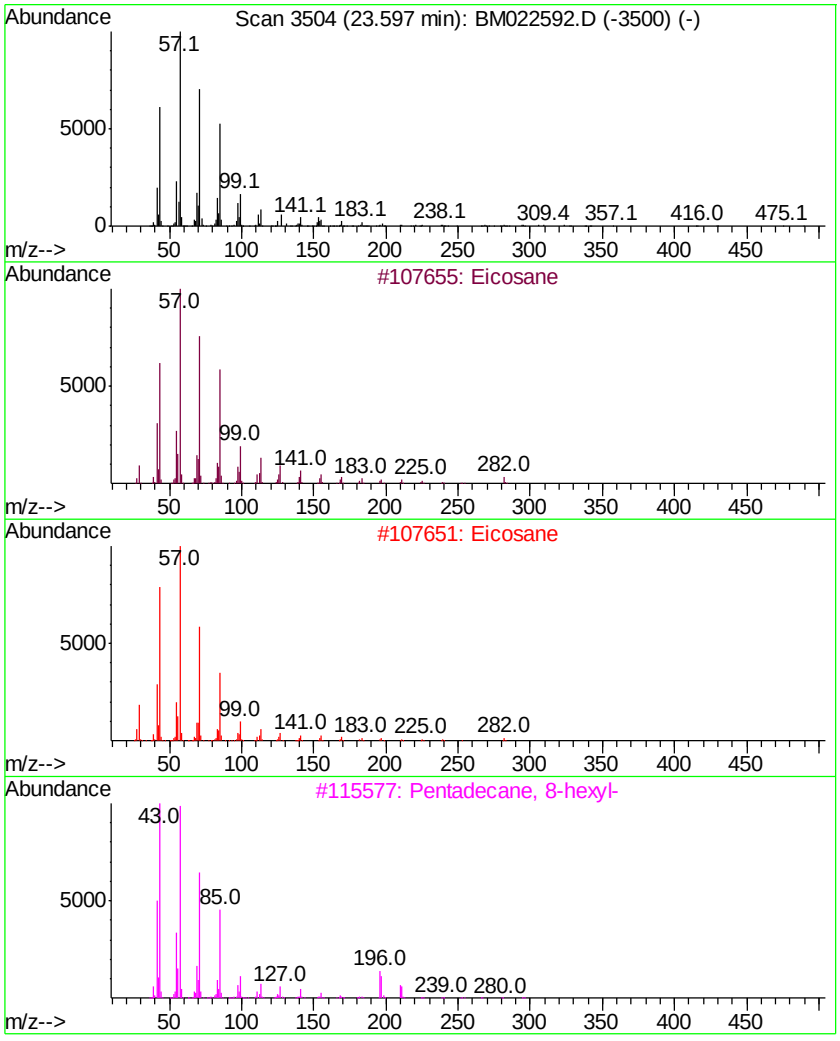
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

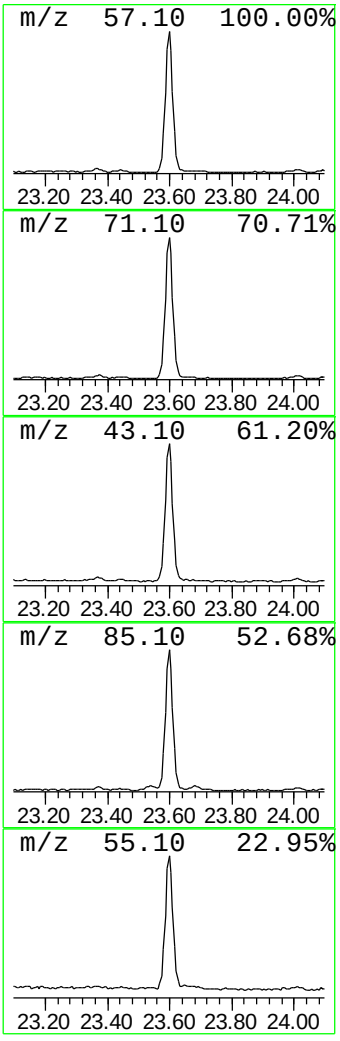
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	3.93 ng/ul	1688270	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

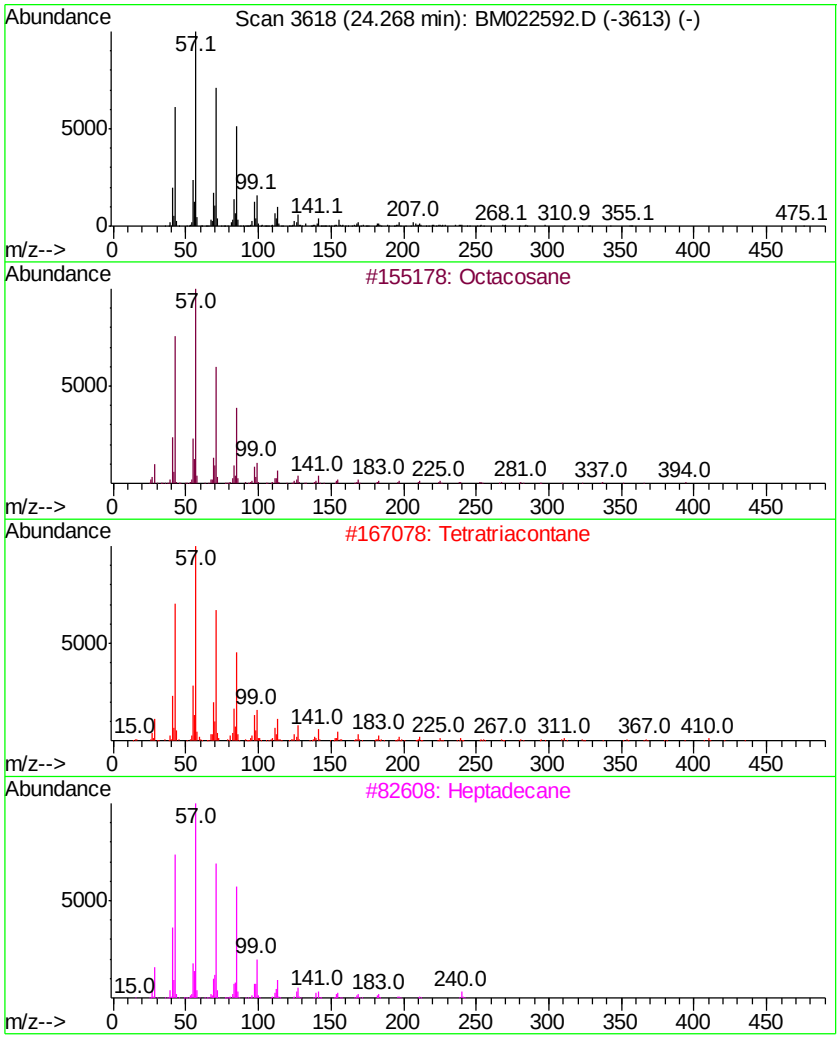
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

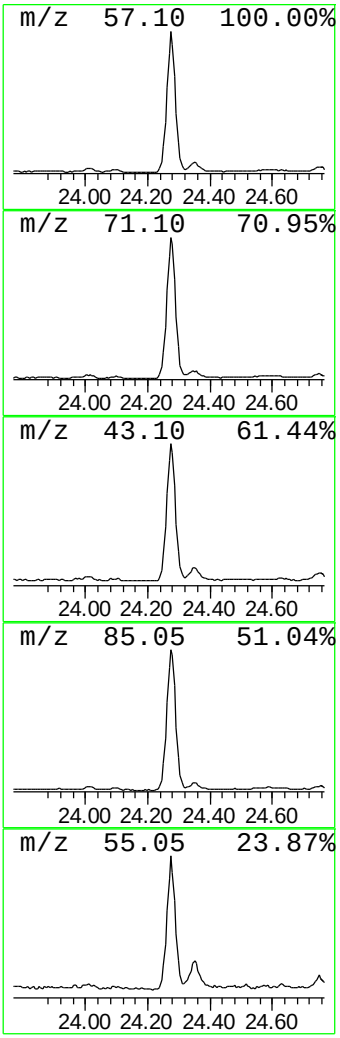
****

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	2.76 ng/ul	1182930	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

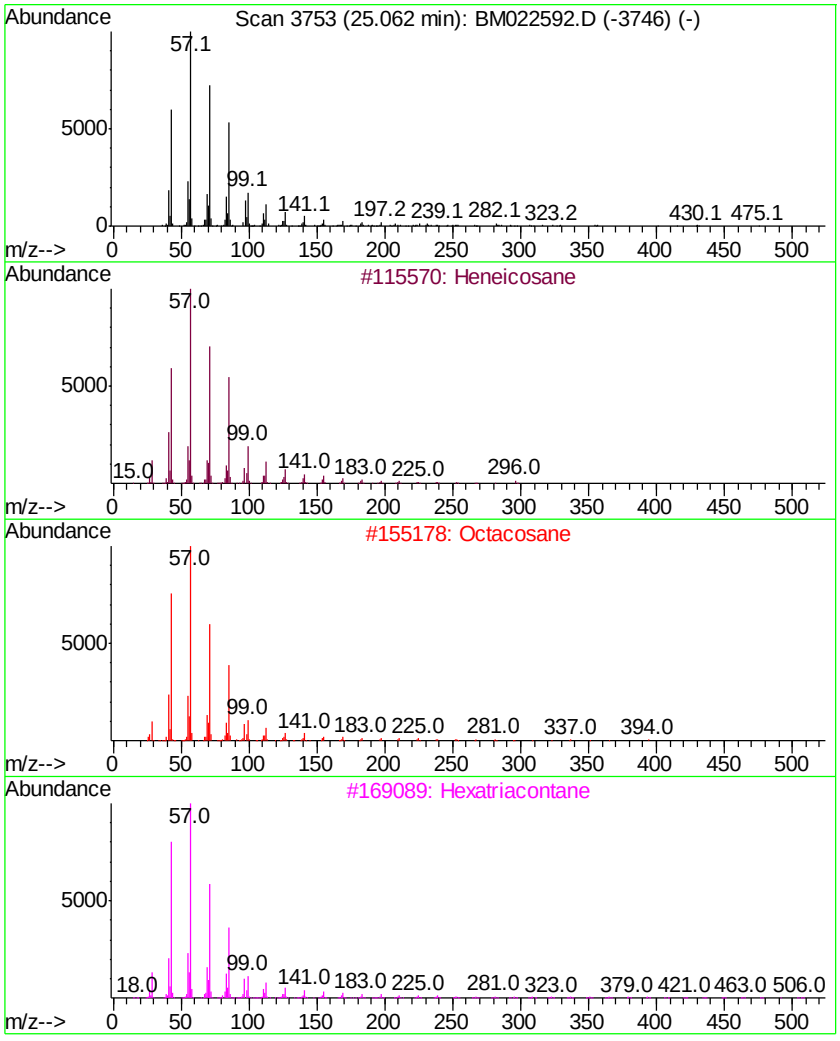
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

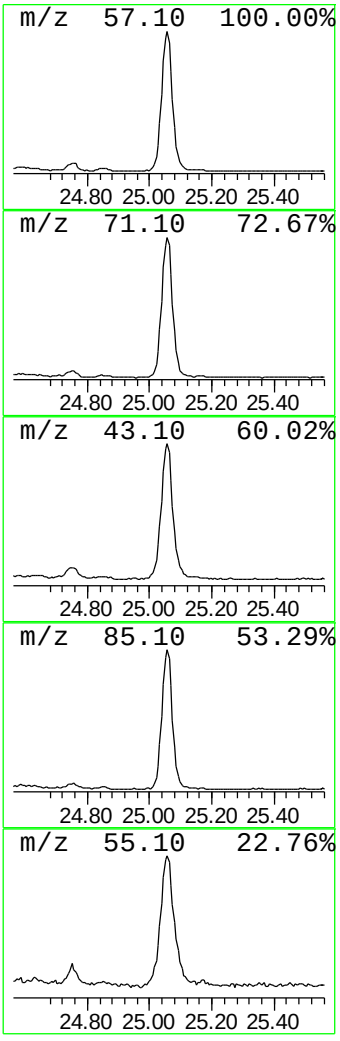
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.06	3.07 ng/ul	1316150	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

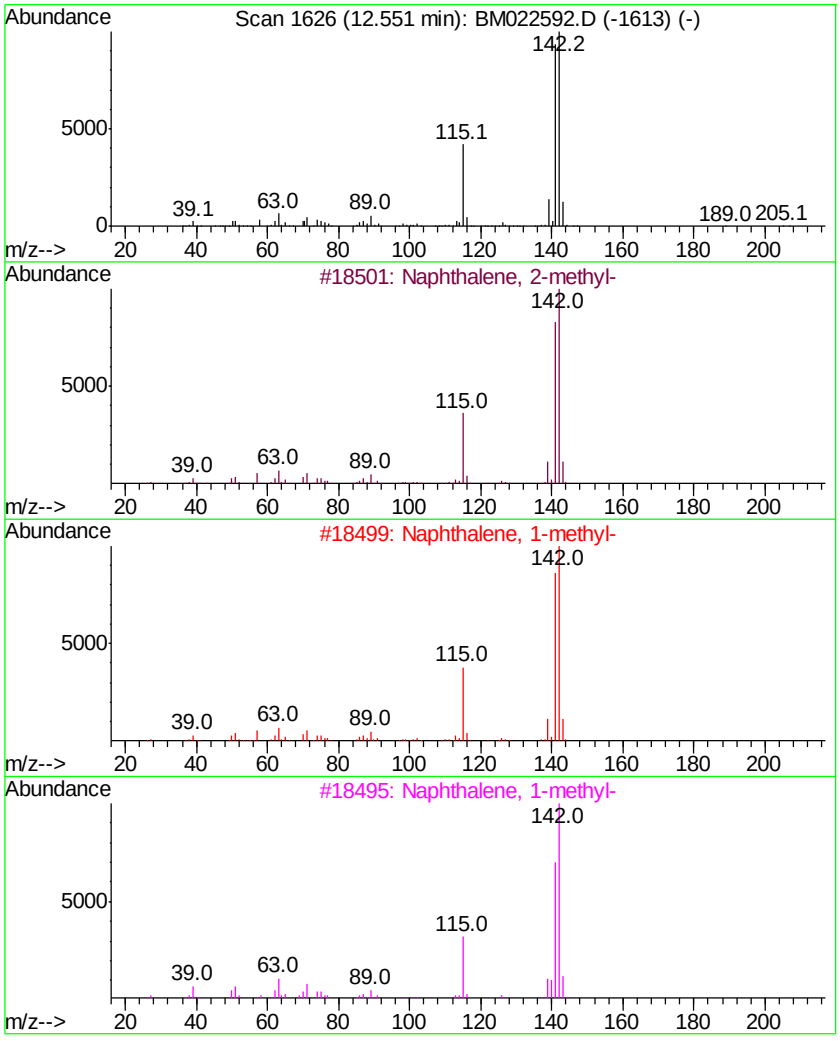
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

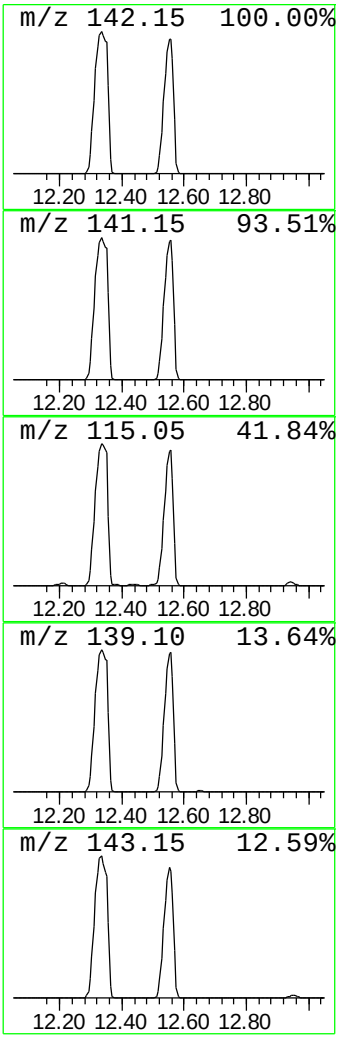
****

Peak Number 54 Naphthalene, 1-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	11.52 ng/ul	61713500	Naphthalene-d8	10.69

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090819\
Data File : BM022592.D
Acq On : 09 Sep 2019 07:33
Operator : HP/JU
Sample : K4706-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.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
Butane, 2-methoxy...	3.05	34.1	ng/ul	5020610	1	7.86	2944040	20.0
Benzene, 1-ethyl-...	6.95	63.4	ng/ul	9330550	1	7.86	2944040	20.0
Benzene, 1-ethyl-...	7.25	17.3	ng/ul	2540550	1	7.86	2944040	20.0
Benzene, 1,2,3-tr...	7.52	174.1	ng/ul	25630800	1	7.86	2944040	20.0
Benzofuran	7.58	56.0	ng/ul	8250390	1	7.86	2944040	20.0
Benzene, 1,3,5-tr...	7.98	72.6	ng/ul	10691100	1	7.86	2944040	20.0
Indane	8.25	500.0	ng/ul	73601100	1	7.86	2944040	20.0
Indene	8.41	397.3	ng/ul	58488600	1	7.86	2944040	20.0
Benzene, 2-ethyl-...	8.82	9.6	ng/ul	1418520	1	7.86	2944040	20.0
Benzene, 1-methyl...	8.87	9.6	ng/ul	1414770	1	7.86	2944040	20.0
Benzofuran, 2-met...	9.22	103.9	ng/ul	15299800	1	7.86	2944040	20.0
3-Phenyl-2-propyn...	9.35	6.9	ng/ul	37086800	2	10.69	107111000	20.0
1H-Indene, 2,3-di...	9.91	2.3	ng/ul	12488600	2	10.69	107111000	20.0
Benzene, 2-etheny...	10.06	4.7	ng/ul	24888300	2	10.69	107111000	20.0
Benzene, 2-propenyl-	12.94	5.2	ng/ul	1977850	3	14.49	7592090	20.0
Hydroxytoluic Acid	13.01	5.0	ng/ul	1908010	3	14.49	7592090	20.0
2-Hydroxy-4-methy...	13.25	19.2	ng/ul	7294500	3	14.49	7592090	20.0
cis-.beta.-Methyl...	13.45	3.8	ng/ul	1454890	3	14.49	7592090	20.0
Naphthalene, 2-et...	13.52	8.5	ng/ul	3242540	3	14.49	7592090	20.0
Benzene, 1-pentenyl-	13.62	7.5	ng/ul	2849130	3	14.49	7592090	20.0
Naphthalene, 2,6-...	13.66	13.8	ng/ul	5239600	3	14.49	7592090	20.0
Naphthalene, 2,3-...	13.81	12.7	ng/ul	4820990	3	14.49	7592090	20.0
Naphthalene, 1,7-...	14.05	3.4	ng/ul	1273390	3	14.49	7592090	20.0
2-Naphthalenecarb...	14.62	9.3	ng/ul	3529290	3	14.49	7592090	20.0
trans-4-Phenyl-3-...	15.00	11.3	ng/ul	4269880	3	14.49	7592090	20.0
Naphthalene, 1-is...	15.19	3.4	ng/ul	1300160	3	14.49	7592090	20.0
Cyclopenta[c]thia...	15.41	5.3	ng/ul	2022840	3	14.49	7592090	20.0
[1,1'-Biphenyl]-4...	15.83	2.9	ng/ul	1111080	3	14.49	7592090	20.0
Dibenzofuran, 4-m...	15.97	7.3	ng/ul	2803370	4	17.23	7715340	20.0
(DEL) Alkane: Cyc...	21.12	2.8	ng/ul	1348540	5	21.40	9732260	20.0
(DEL) Alkane: Str...	22.48	2.4	ng/ul	1177120	5	21.40	9732260	20.0
(DEL) Alkane: Str...	23.60	3.9	ng/ul	1688270	6	23.69	8585060	20.0
(DEL) Alkane: Str...	24.27	2.8	ng/ul	1182930	6	23.69	8585060	20.0
(DEL) Alkane: Str...	25.06	3.1	ng/ul	1316150	6	23.69	8585060	20.0
Naphthalene, 1-me...	12.55	11.5	ng/ul	61713500	2	10.69	107111000	20.0