LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022609.D
Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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	6	10	33	rVB	210744	361341	1.84%	0.486%
2	4.051	177	181	188	rVB	26913	40663	0.21%	0.055%
3	5.375	399	406	413	rBV	58270	91362	0.46%	0.123%
4	5.504	422	428	439	rBV	143251	292859	1.49%	0.394%
5	5.875	482	491	498	rBV	113742	195145	0.99%	0.262%
6	6.351	567	572	578	rVB2	18711	28701	0.15%	0.039%
7	6.951	667	674	679	rBV	192252	285705	1.45%	0.384%
8	7.010	679	684	691	rVV	127033	197898	1.01%	0.266%
9	7.087	691	697	706	rVB	236832	371558	1.89%	0.499%
10	7.181	706	713	720	rBV	41569	75388	0.38%	0.101%
11	7.251	720	725	738	rVV	54035	89334	0.45%	0.120%
12	7.386	742	748	753	rVB	48993	76555	0.39%	0.103%
13	7.510	762	769	775	rBV	540113	829333	4.21%	1.115%
14	7.575	775	780	791	rVB	157703	260589	1.32%	0.350%
15	7.851	820	827	834	rBV	1004165	1613129	8.20%	2.168%
16	7.898	834	835	842	rVV	24425	24187	0.12%	0.033%
17	7.975	842	848	855	rVV	204181	335047	1.70%	0.450%
18	8.039	855	859	866	rVB	17973	28899	0.15%	0.039%
19	8.234	883	892	899	rBV	2636687	4184463	21.26%	5.624%
20	8.392	908	919	929	rVV	1585285	2561058	13.01%	3.442%
21	8.498	931	937	942	rVV	100542	150987	0.77%	0.203%
22	8.551	942	946	952	rVV2	42174	74382	0.38%	0.100%
23	8.610	952	956	961	rVV	12538	22600	0.11%	0.030%
24	8.692	961	970	975	rVB6	12827	31298	0.16%	0.042%
25	8.816	985	991	995	rBV	25224	39198	0.20%	0.053%
26	8.863	995	999	1005	rVV	29554	44180	0.22%	0.059%
27	8.963	1007	1016	1020	rVV	141224	228726	1.16%	0.307%
28	9.004	1020	1023	1025	rVV	53890	78148	0.40%	0.105%
29	9.039	1025	1029	1038	rVB	201883	329378	1.67%	0.443%
30	9.210	1050	1058	1067	rBV	294107	467723	2.38%	0.629%
31	9.333	1067	1079	1085	rVV	583054	1196309	6.08%	1.608%
32	9.392	1085	1089	1095	rVV	170431	265685	1.35%	0.357%
33	9.486	1099	1105	1110	rVV	77748	117108	0.60%	0.157%
34	9.545	1110	1115	1121	rVB	89166	135498	0.69%	0.182%

LSC Area Percent Report

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Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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	9.728	1138	1146	1152	rVB2	31515	53774	0.27%	0.072%
36	9.904	1170	1176	1188	rVB	237700	380276	1.93%	0.511%
37	10.051	1193	1201	1211	rBV3	382468	754410	3.83%	1.014%
38	10.151	1211	1218	1231	rVV2	66811	172661	0.88%	0.232%
39	10.286	1231	1241	1247	rVB2	165485	358087	1.82%	0.481%
40	10.651	1293	1303	1306	rBV	1395086	2484036	12.62%	3.339%
41	10.704	1306	1312	1320	rVV	11336359	19681594	100.00%	26.452%
42	10.816	1323	1331	1342	rVV	1256805	2154274	10.95%	2.895%
43	11.004	1357	1363	1368	rBV5	15228	31902	0.16%	0.043%
44	11.063	1368	1373	1379	rBV	19645	31821	0.16%	0.043%
45	11.316	1410	1416	1420	rBV2	12832	19717	0.10%	0.026%
46	11.757	1486	1491	1498	rBV2	40068	72351	0.37%	0.097%
47	12.022	1530	1536	1545	rVB	182022	307281	1.56%	0.413%
48	12.204	1561	1567	1576	rVB	113315	181781	0.92%	0.244%
49	12.310	1576	1585	1592	rBV	2961816	4612189	23.43%	6.199%
50	12.421	1598	1604	1609	rBV	73013	129182	0.66%	0.174%
51	12.527	1610	1622	1631	rVB	1640372	2569226	13.05%	3.453%
52	12.880	1677	1682	1687	rBV3	18284	28273	0.14%	0.038%
53	12.939	1687	1692	1698	rVB	38964	55617	0.28%	0.075%
54	13.192	1731	1735	1746	rVB3	31524	54190	0.28%	0.073%
55	13.316	1746	1756	1763	rBV	346023	534692	2.72%	0.719%
56	13.445	1772	1778	1784	rBV2	25784	42440	0.22%	0.057%
57	13.516	1784	1790	1798	rVV	47178	86108	0.44%	0.116%
58	13.610	1800	1806	1809	rVV2	46318	72246	0.37%	0.097%
59	13.651	1809	1813	1822	rVB4	69661	155493	0.79%	0.209%
60	13.804	1833	1839	1844	rBV	82221	139675	0.71%	0.188%
61	13.863	1844	1849	1850	rVV	49022	64848	0.33%	0.087%
62	13.892	1850	1854	1859	rVV	162713	231296	1.18%	0.311%
63	14.045	1874	1880	1883	rBV	24790	37316	0.19%	0.050%
64	14.174	1895	1902	1912	rBV2	161953	326745	1.66%	0.439%
65	14.486	1946	1955	1960	rBV	2278165	3432253	17.44%	4.613%
66	14.545	1960	1965	1971	rVV	811030	1143110	5.81%	1.536%
67	14.604	1971	1975	1980	rVV	83002	120793	0.61%	0.162%
68	14.657	1980	1984	1993	rVB6	32319	62658	0.32%	0.084%
69	14.880	2016	2022	2028	rBV	592768	843300	4.28%	1.133%
70	14.945	2028	2033	2039	rVB3	19588	31118	0.16%	0.042%
71	15.192	2064	2075	2080	rBV3	20276	39895	0.20%	0.054%

LSC Area Percent Report

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Data File : BM022609.D
Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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	15.398	2105	2110	2117	rBV	42642	67460	0.34%	0.091%
73	15.474	2117	2123	2127	rVV	229802	333404	1.69%	0.448%
74	15.527	2127	2132	2137	rVV	462142	640735	3.26%	0.861%
75	15.574	2137	2140	2145	rVB	31487	39945	0.20%	0.054%
76	15.686	2157	2159	2165	rVB2	16817	22552	0.11%	0.030%
77	15.821	2178	2182	2187	rVB3	33927	46168	0.23%	0.062%
78	15.968	2202	2207	2215	rVB4	41598	77109	0.39%	0.104%
79	16.192	2236	2245	2254	rBV2	150001	257062	1.31%	0.345%
80	16.309	2258	2265	2272	rBV4	46329	105426	0.54%	0.142%
81	16.409	2278	2282	2286	rVB3	14522	22973	0.12%	0.031%
82	16.498	2291	2297	2301	rVV7	14820	31710	0.16%	0.043%
83	16.686	2325	2329	2335	rBV3	15228	22943	0.12%	0.031%
84	16.827	2347	2353	2357	rBV4	29406	59375	0.30%	0.080%
85	16.868	2357	2360	2366	rVB	36400	52788	0.27%	0.071%
86	17.004	2378	2383	2385	rBV4	16731	23493	0.12%	0.032%
87	17.039	2385	2389	2393	rVB	34990	48575	0.25%	0.065%
88	17.221	2413	2420	2424	rBV	2854992	4076111	20.71%	5.478%
89	17.262	2424	2427	2432	rVB	503098	654756	3.33%	0.880%
90	17.315	2432	2436	2441	rBV	295605	398048	2.02%	0.535%
91	17.615	2477	2487	2493	rVV	180522	262904	1.34%	0.353%
92	18.121	2565	2573	2575	rBV5	31980	65079	0.33%	0.087%
93	18.292	2597	2602	2606	rBV	31905	48122	0.24%	0.065%
94	19.274	2764	2769	2774	rVB	127882	167344	0.85%	0.225%
95	19.609	2820	2826	2829	rBV	325753	483262	2.46%	0.649%
96	20.009	2891	2894	2898	rBV2	18116	24875	0.13%	0.033%
97	21.397	3124	3130	3139	rBV	3789184	4813616	24.46%	6.469%
98	23.533	3490	3493	3499	rVB	194349	304914	1.55%	0.410%
99	23.685	3512	3519	3528	rVB2	2414877	4633825	23.54%	6.228%

Sum of corrected areas: 74405636

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
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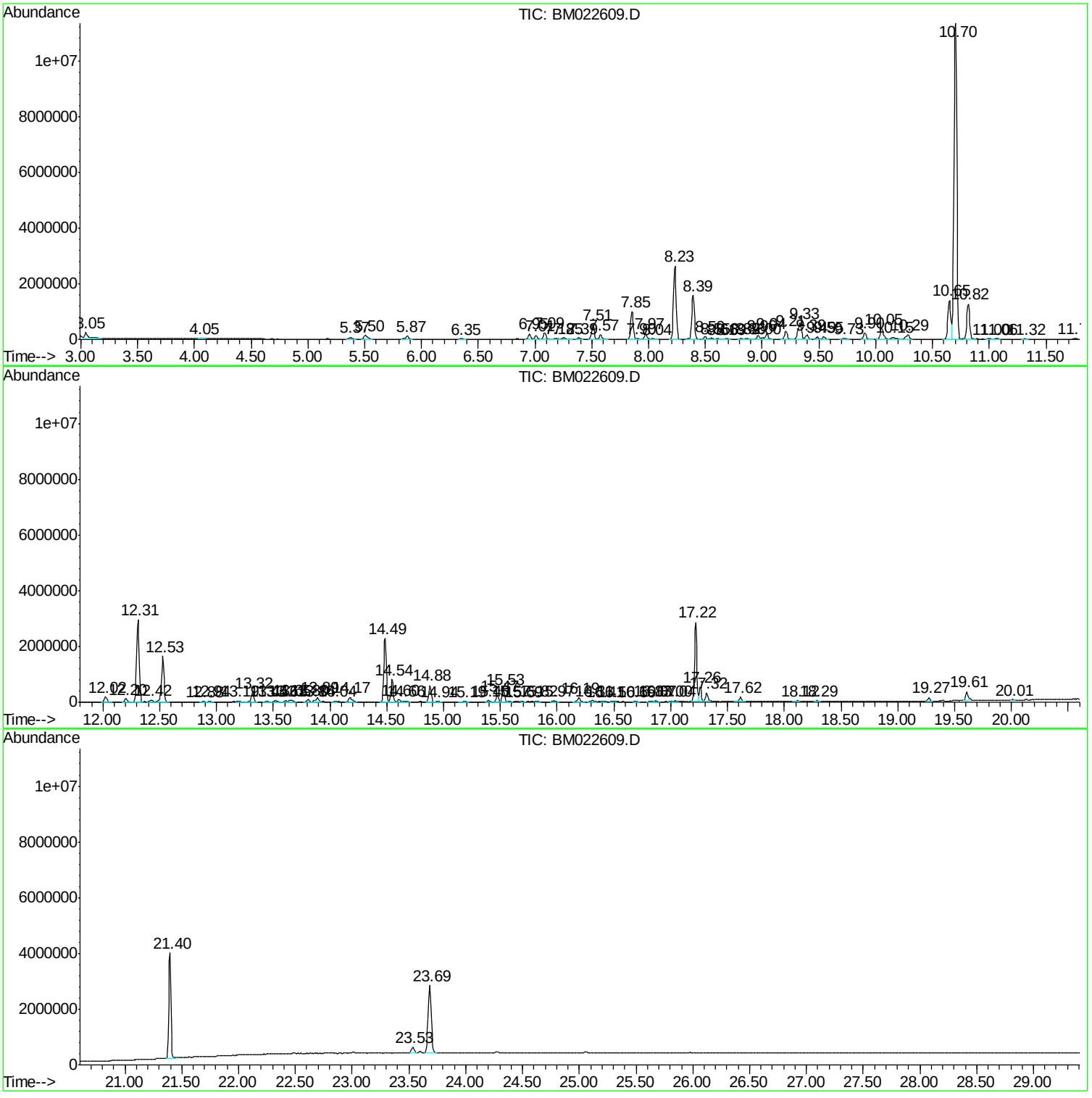
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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 : BM022609.D
Acq On : 09 Sep 2019 18:31
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Misc :
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Instrument : BNA_M
ClientSampleId : BF568DL

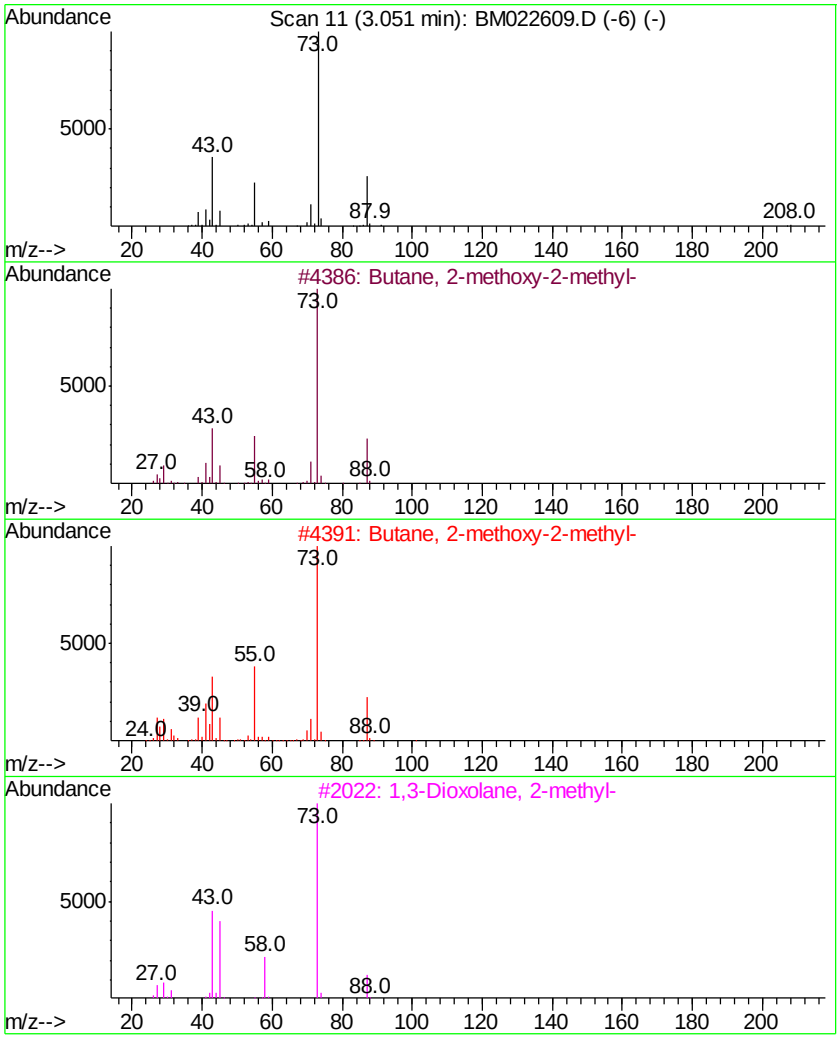
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

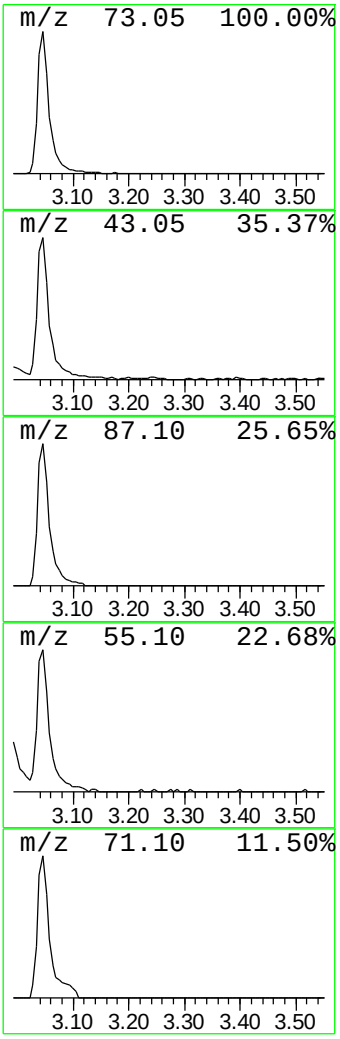
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	4.48 ng/ul	361341	1,4-Dichlorobenzene-d4	7.85

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	32
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022609.D
Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

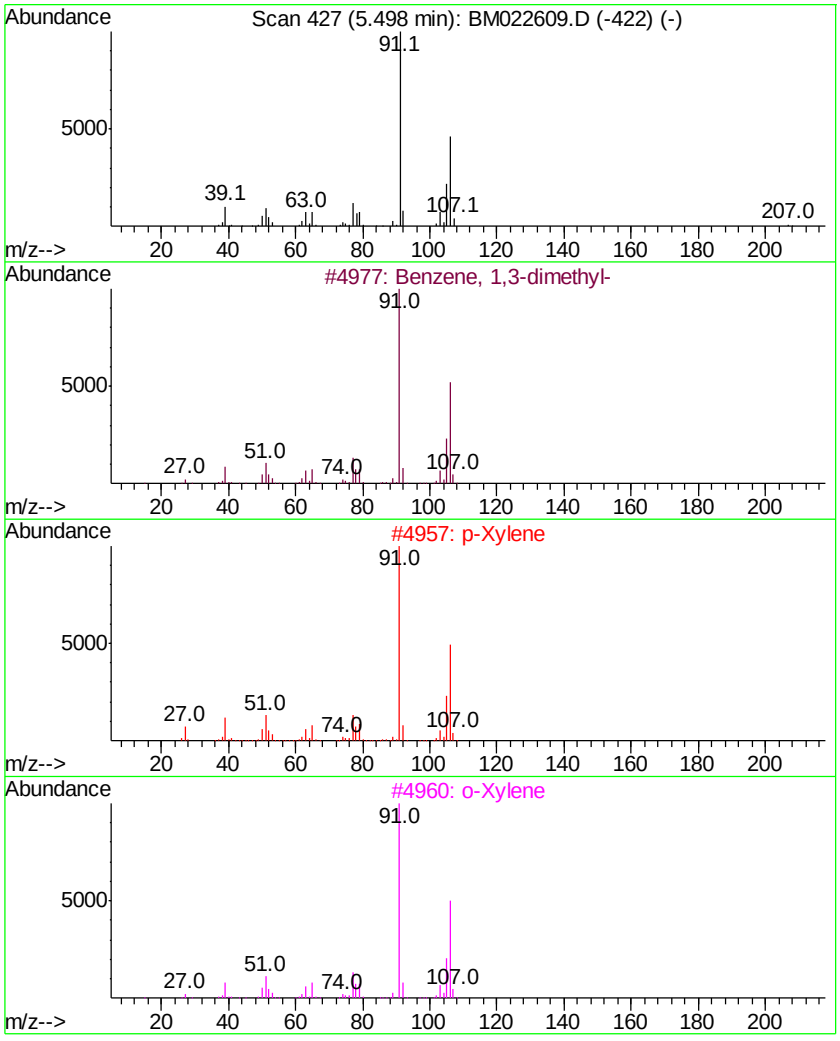
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

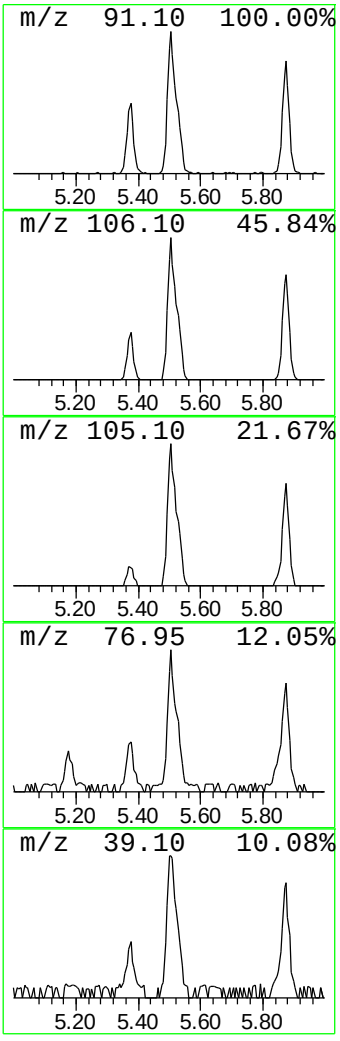
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	3.63 ng/ul	292859	1,4-Dichlorobenzene-d4	7.85

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	o-Xylene	106	C8H10	000095-47-6	95
4	p-Xylene	106	C8H10	000106-42-3	94
5	p-Xylene	106	C8H10	000106-42-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
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Acq On : 09 Sep 2019 18:31
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

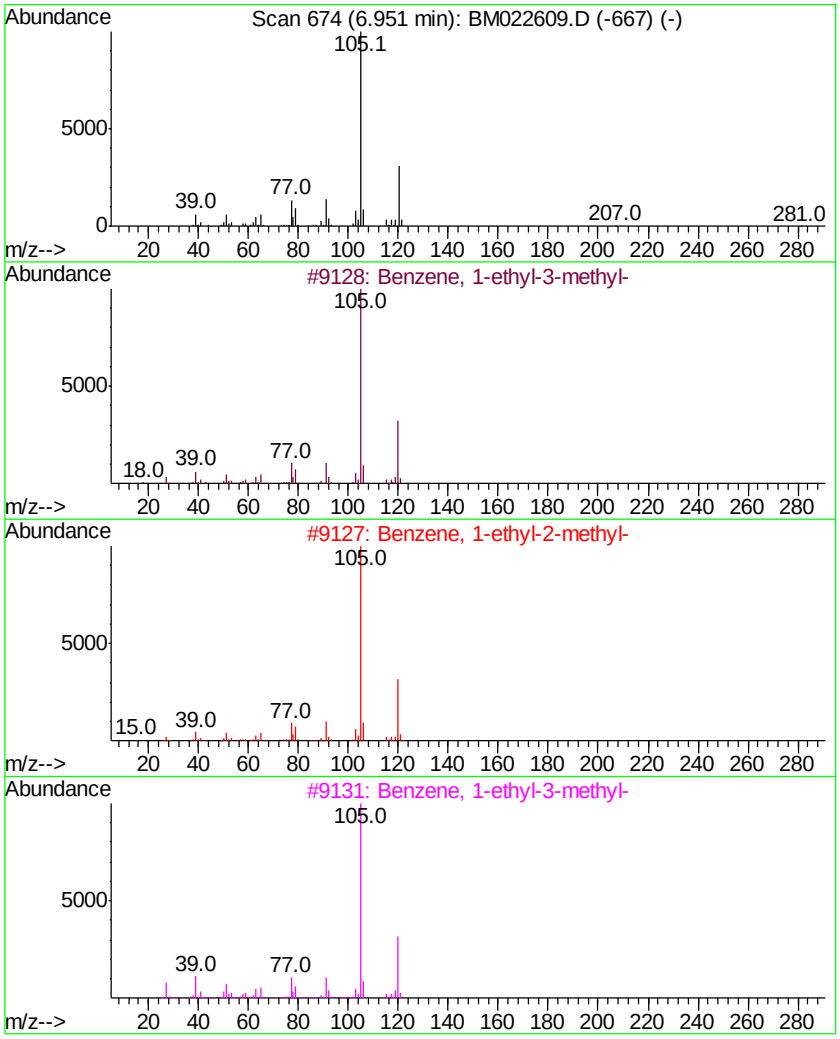
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

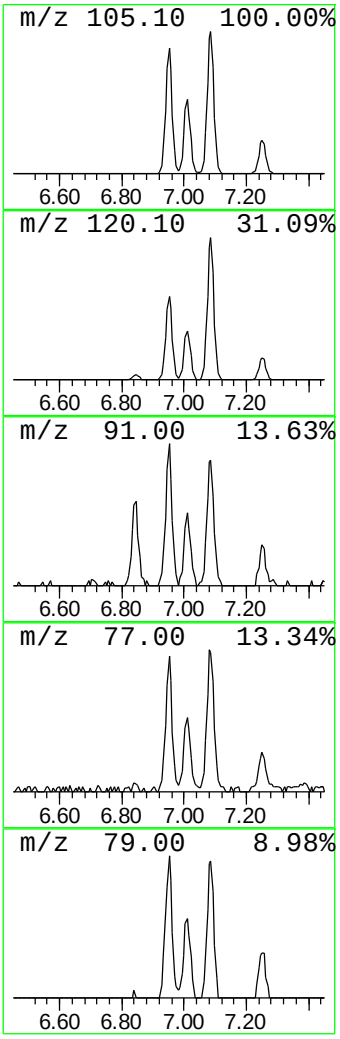
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	3.54 ng/ul	285705	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022609.D
Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

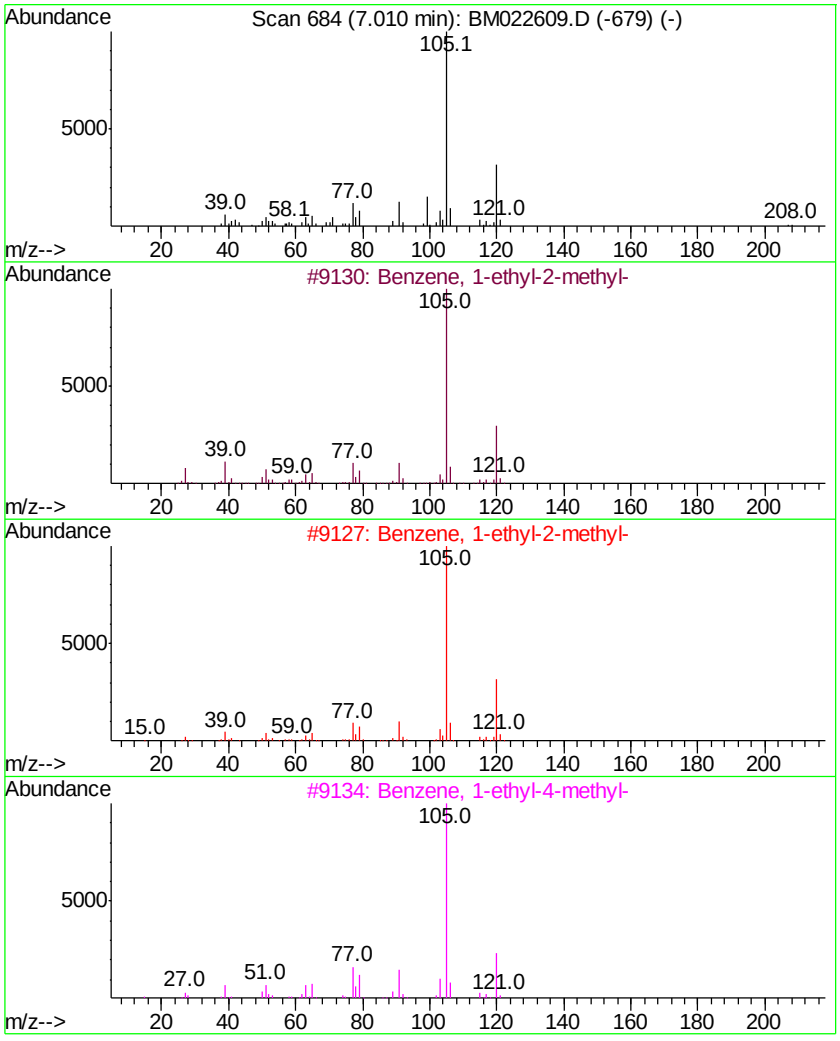
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

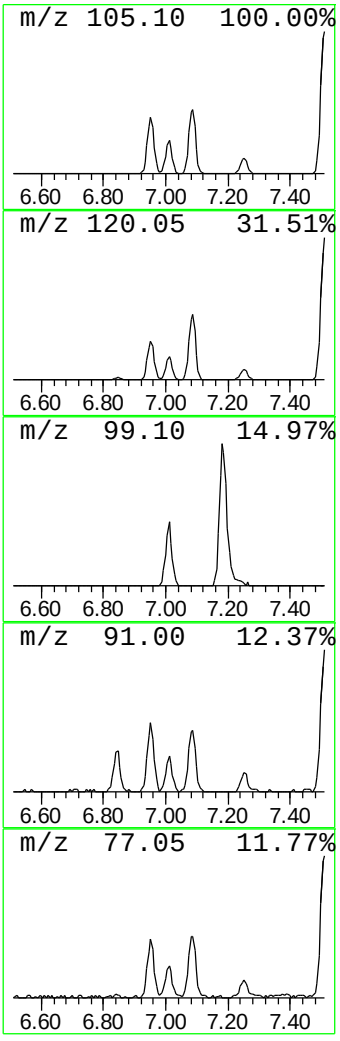
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	2.45 ng/ul	197898	1,4-Dichlorobenzene-d4	7.85

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	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022609.D
Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

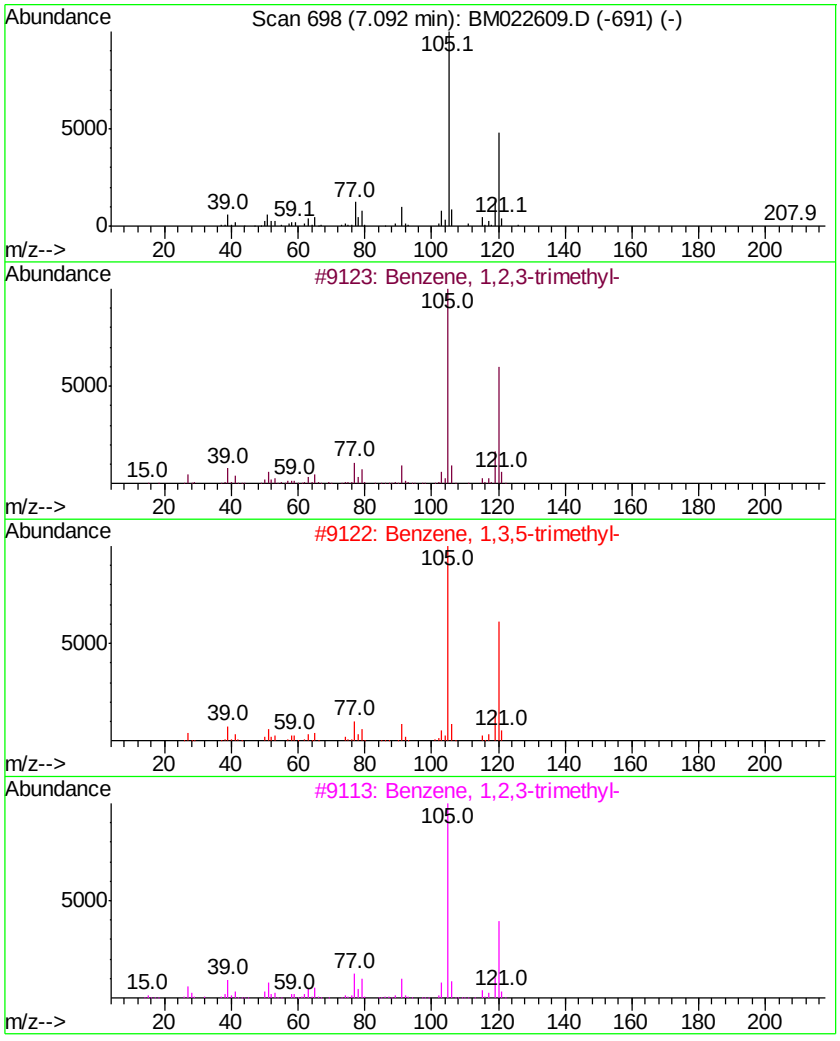
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

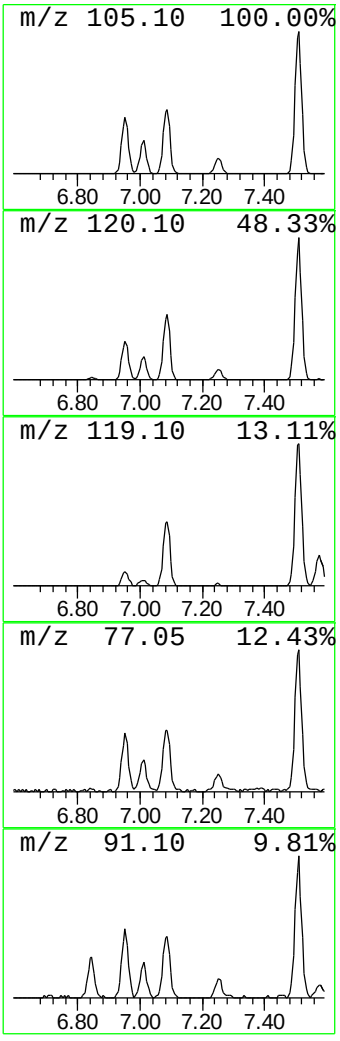
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	4.61 ng/ul	371558	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93





Library Search Compound Report

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Data File : BM022609.D
Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

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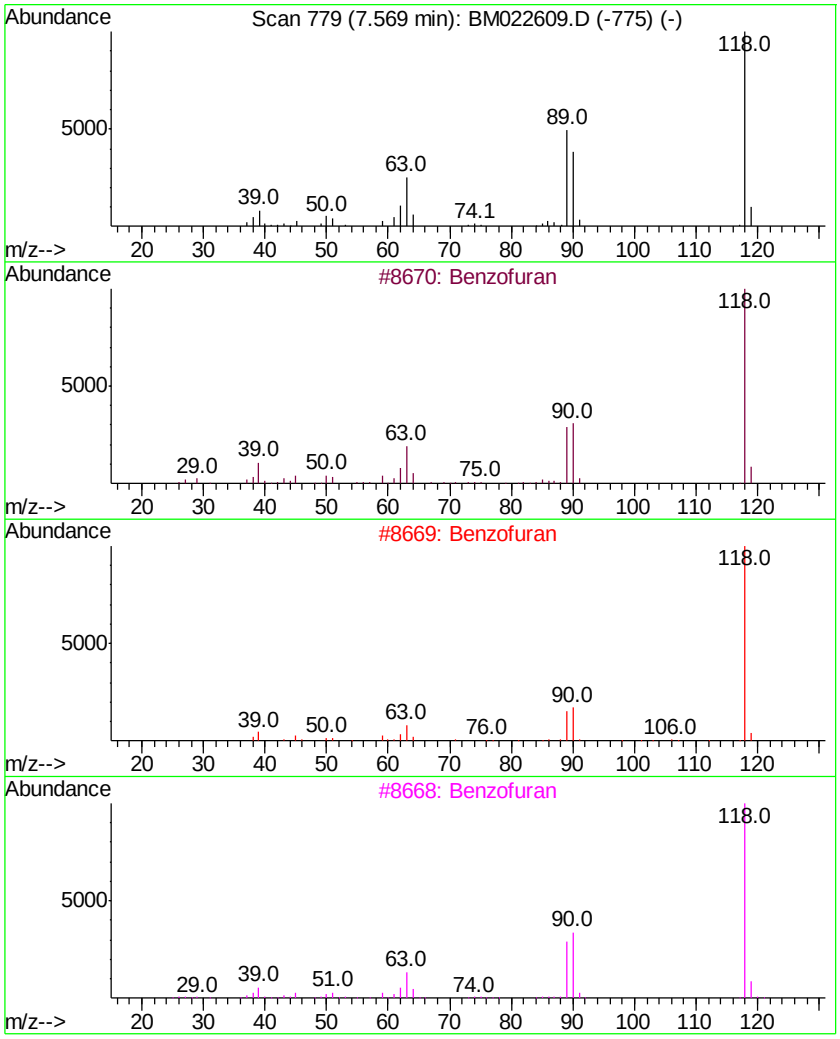
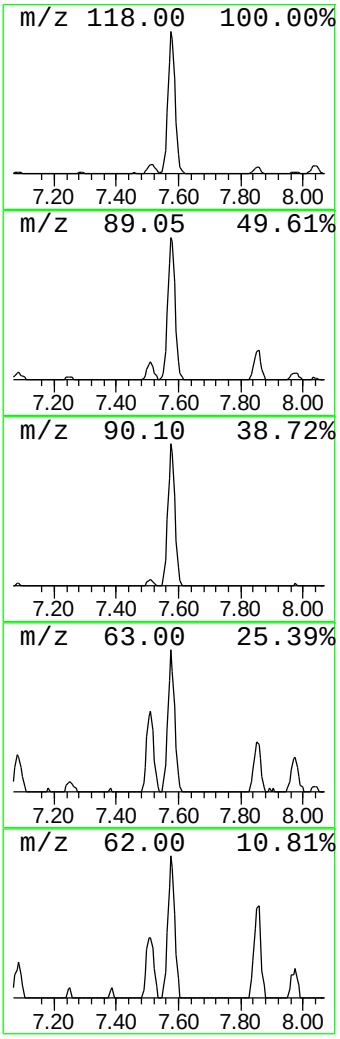
Peak Number 8 Benzofuran Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	3.23 ng/ul	260589	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	87
3	Benzofuran	118	C8H6O	000271-89-6	87
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
5	2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	83





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Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

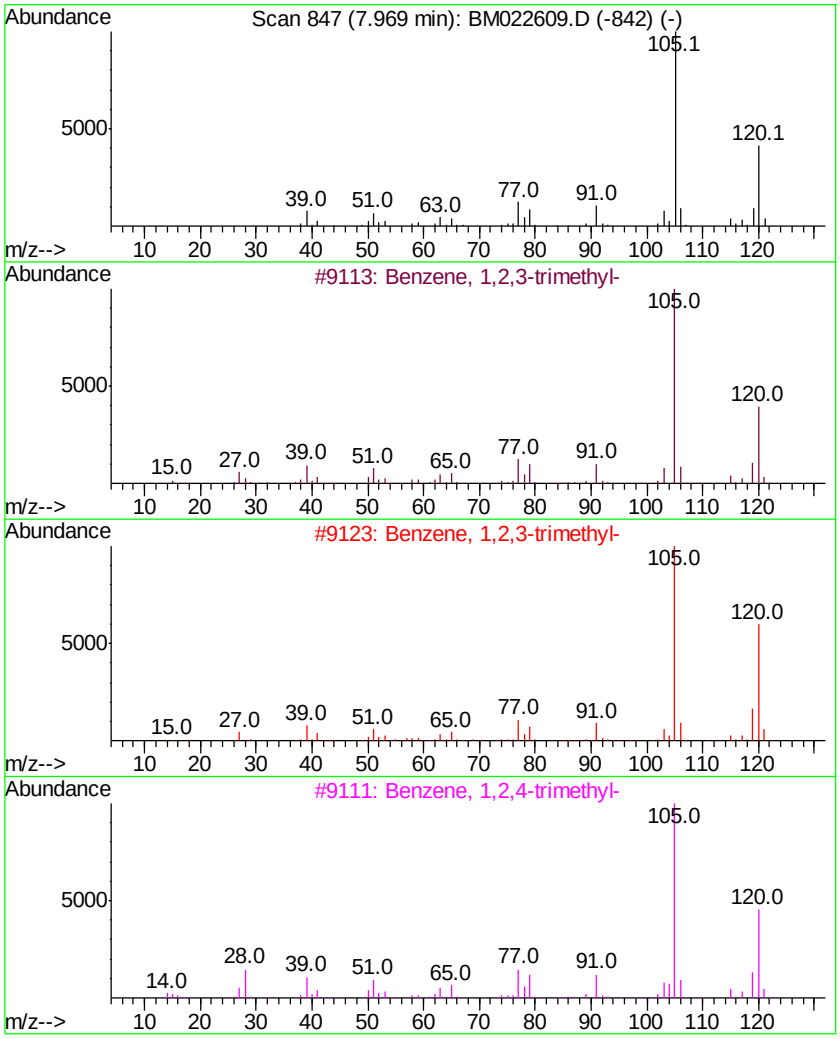
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

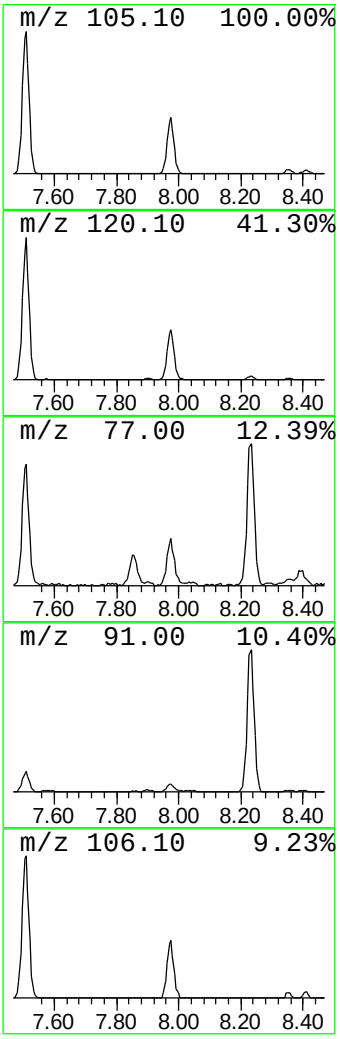
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	4.15 ng/ul	335047	1,4-Dichlorobenzene-d4	7.85

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





Library Search Compound Report

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Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

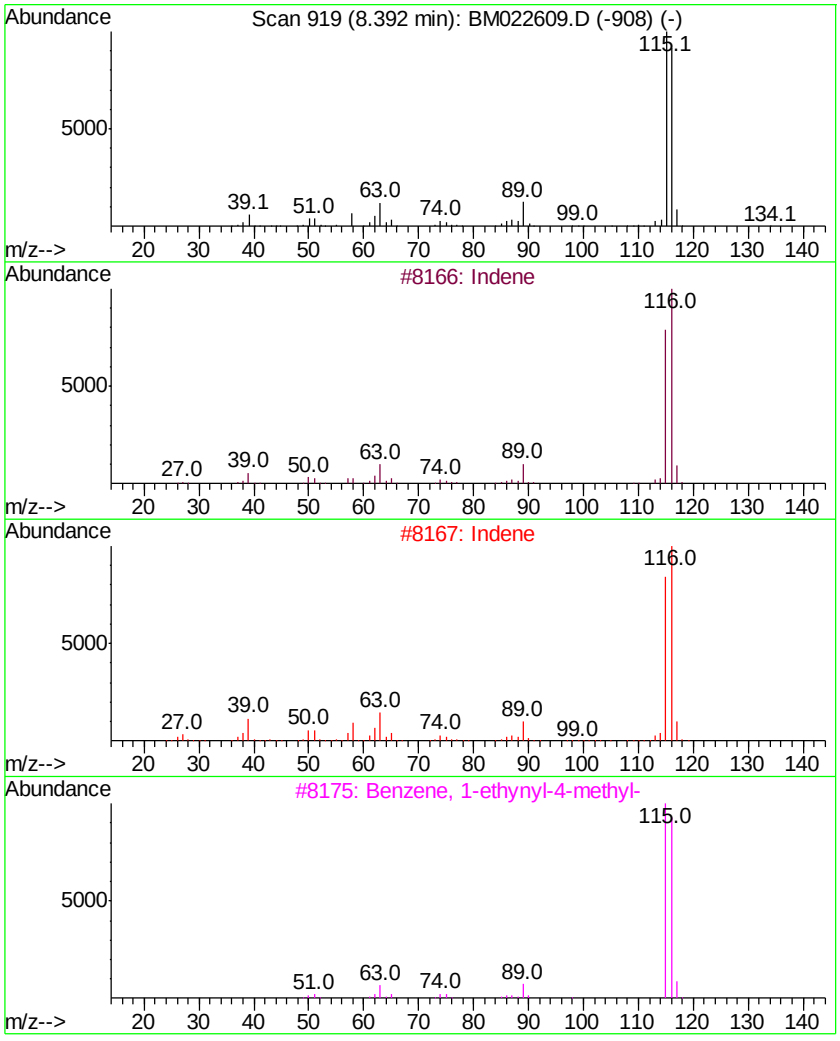
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

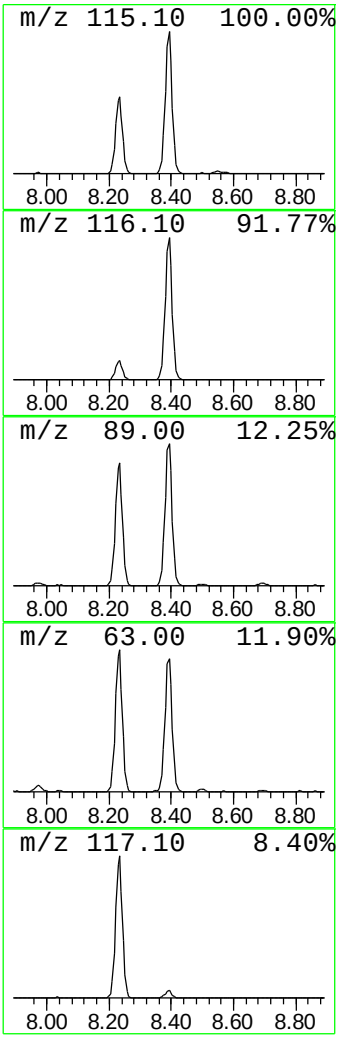
****

Peak Number 11 Benzene, 1-ethynyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	31.75 ng/ul	2561060	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

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Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

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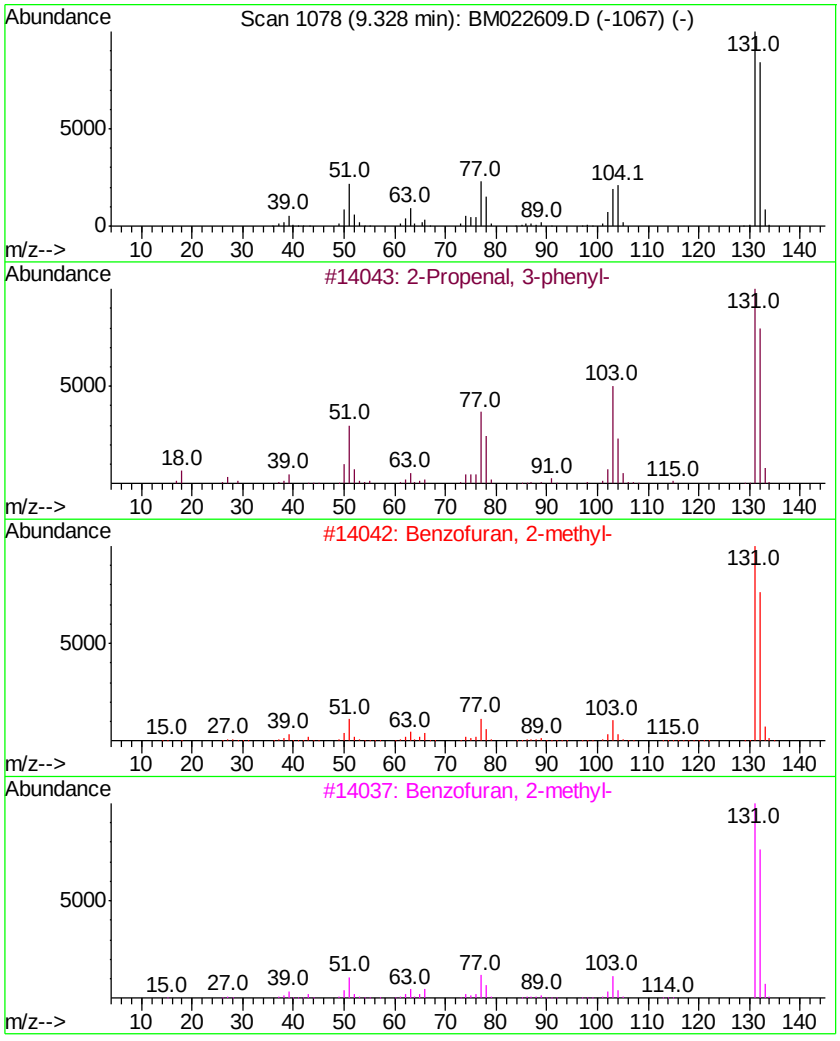
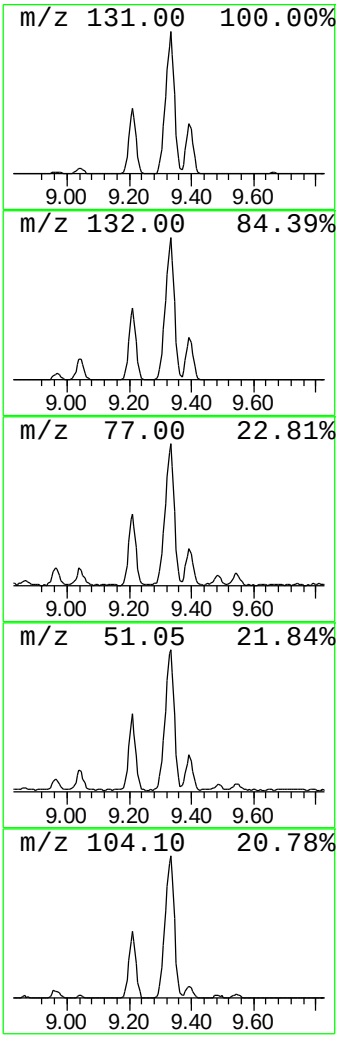
Peak Number 13 2-Propenal, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	9.63 ng/ul	1196310	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

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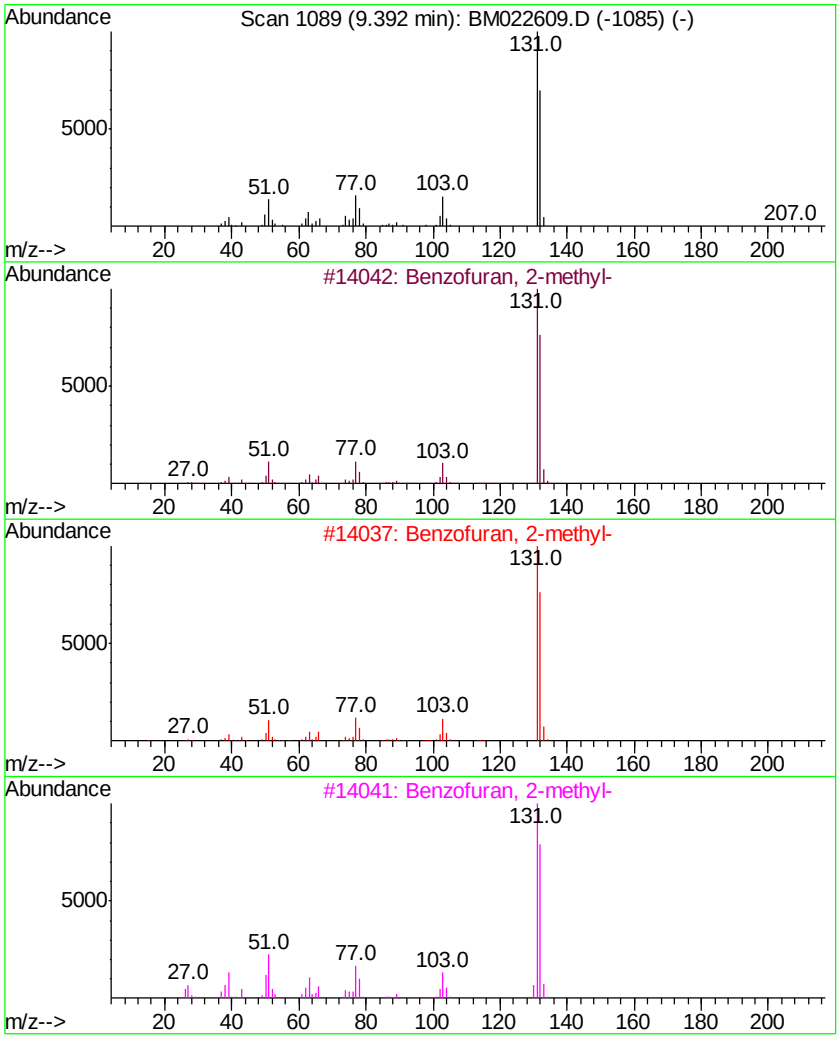
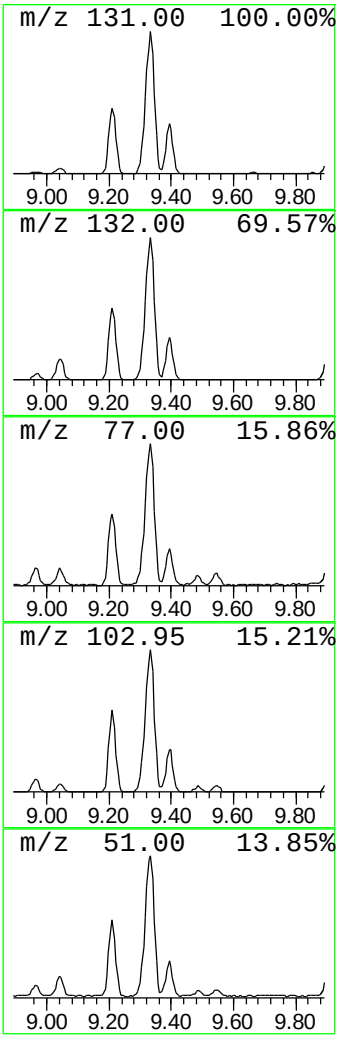
Peak Number 14 Benzofuran, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.14 ng/ul	265685	Naphthalene-d8	10.65

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	86
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76
4	Tricyclo[4.2.1.1(2,5)]deca-3,7-d...	160	C10H8O2	014224-65-8	72
5	1H-Pyrrolo[2,3-b]pyridine, 2-met...	132	C8H8N2	023612-48-8	72





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Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

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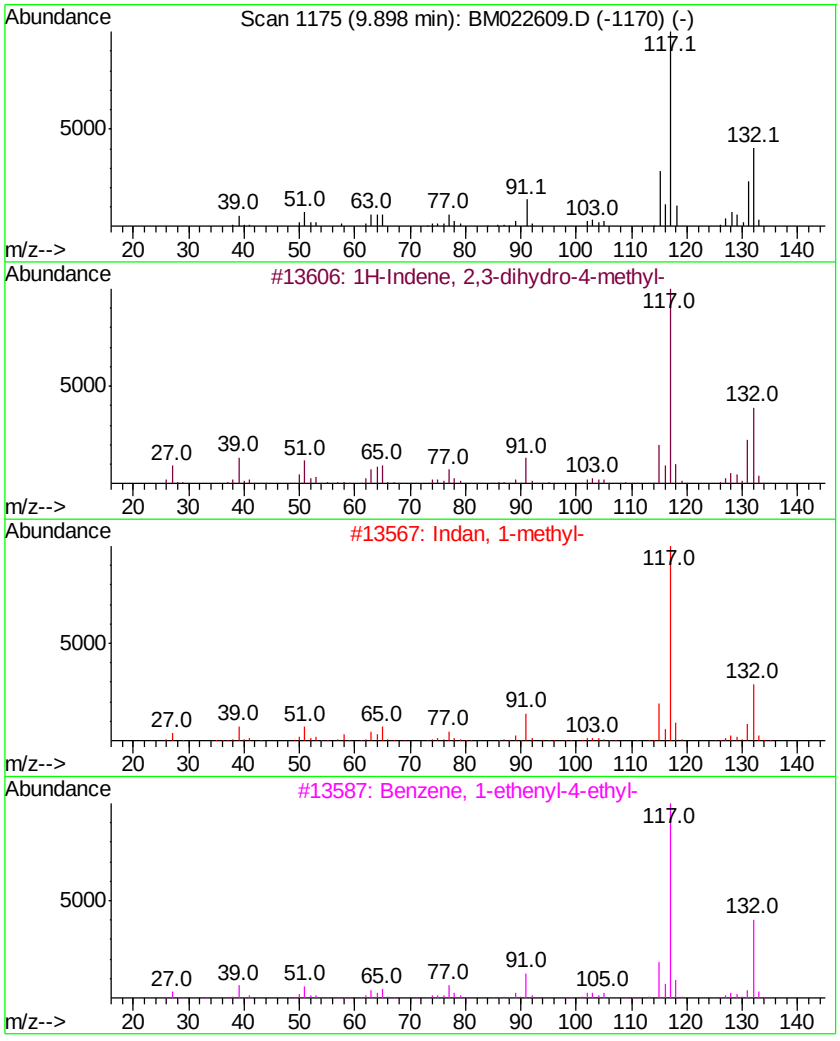
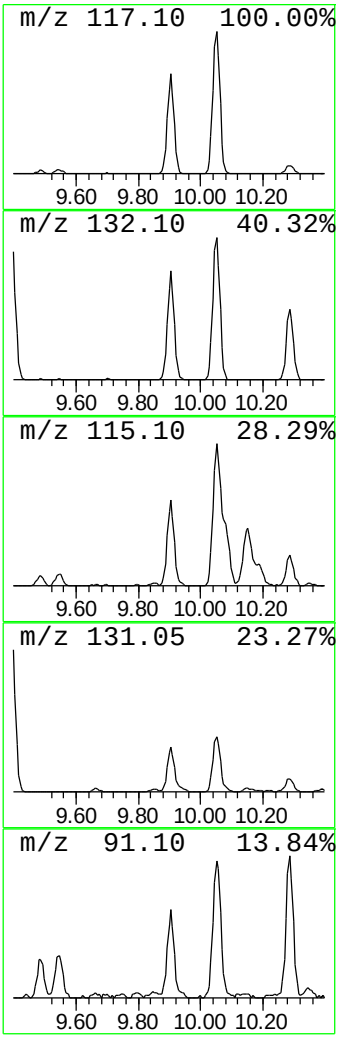
Peak Number 15 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	3.06 ng/ul	380276	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022609.D
Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

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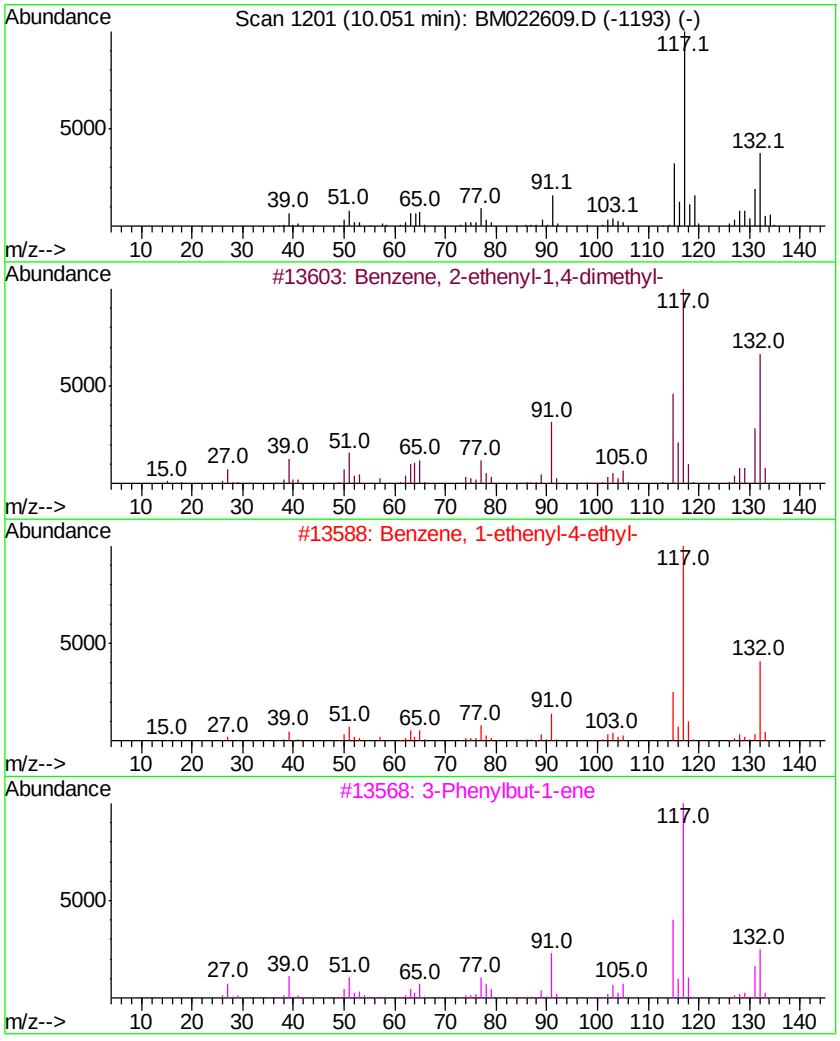
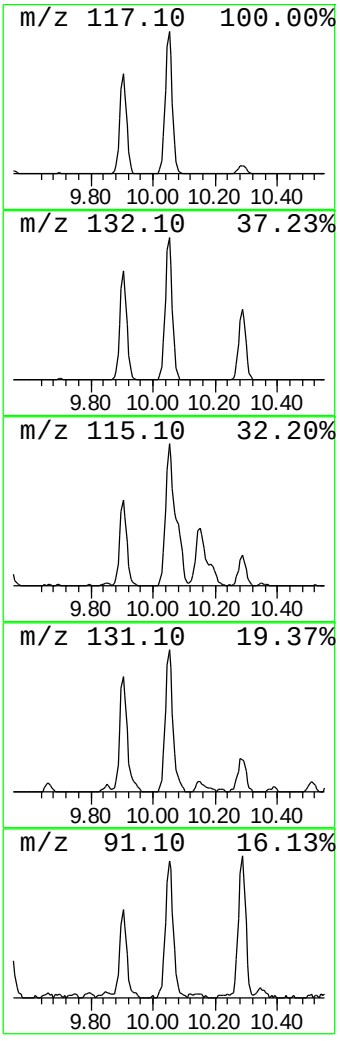
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	6.07 ng/ul	754410	Naphthalene-d8	10.65

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	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Library Search Compound Report

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Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

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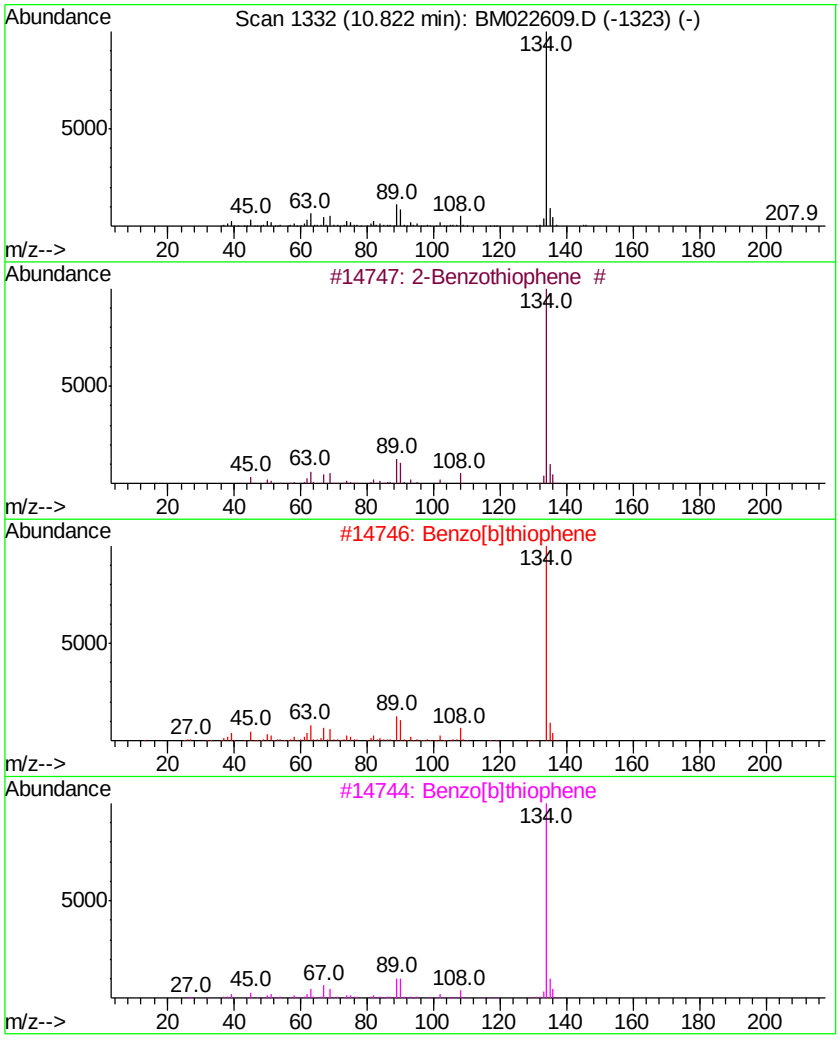
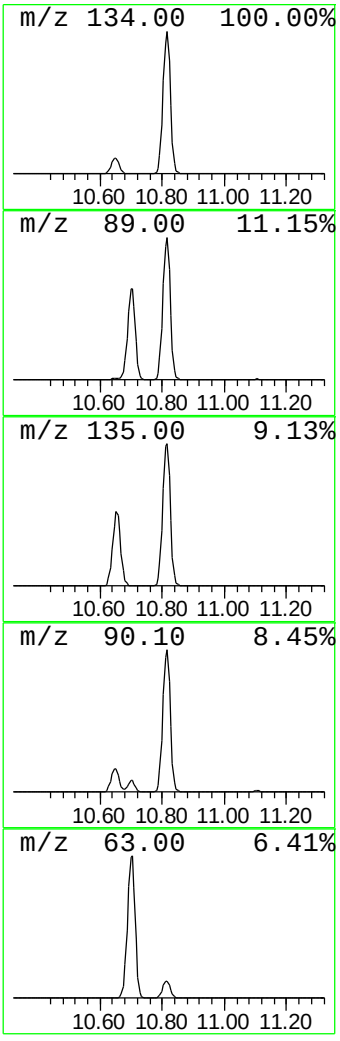
Peak Number 17 2-Benzothiophene # Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	17.34 ng/ul	2154270	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	94





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Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

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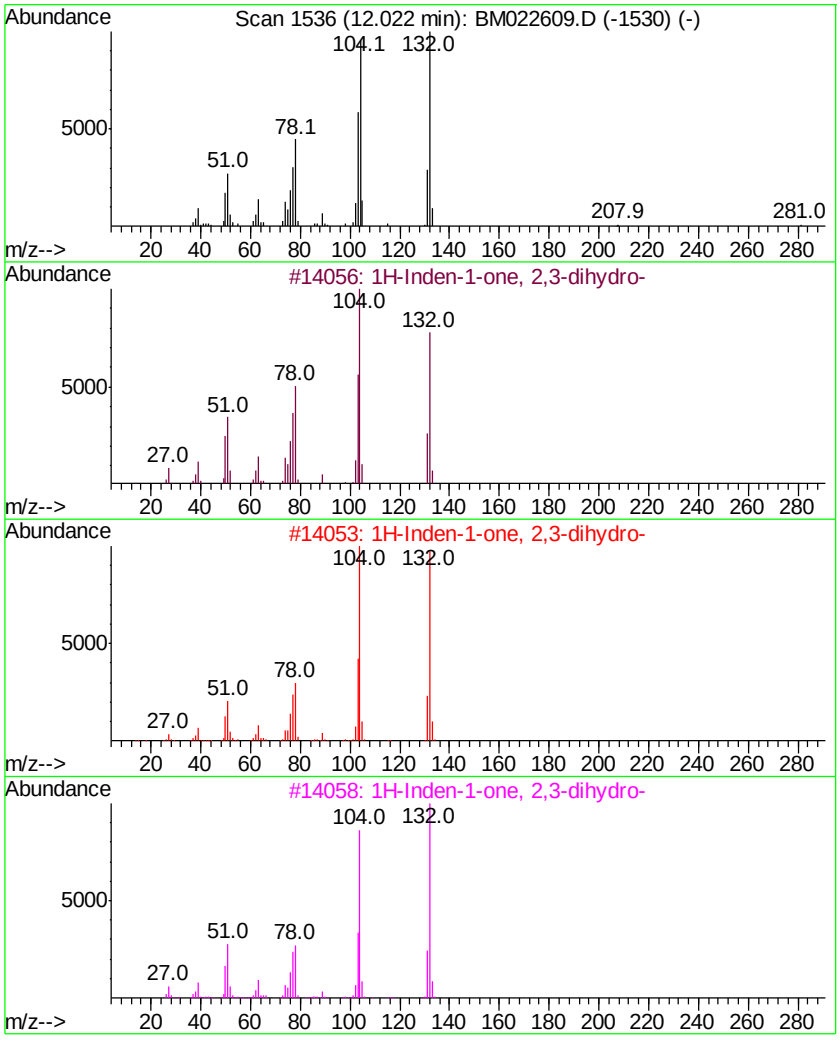
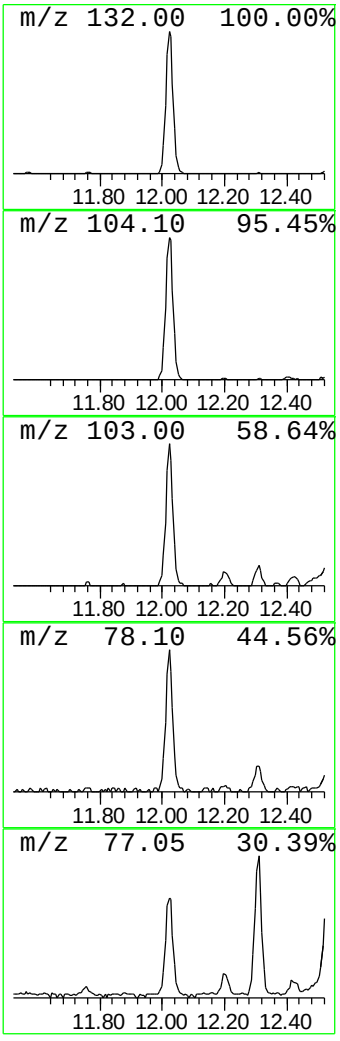
Peak Number 18 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.47 ng/ul	307281	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	98
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
4	Styrene	104	C8H8	000100-42-5	93
5	Styrene	104	C8H8	000100-42-5	93





Library Search Compound Report

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Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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

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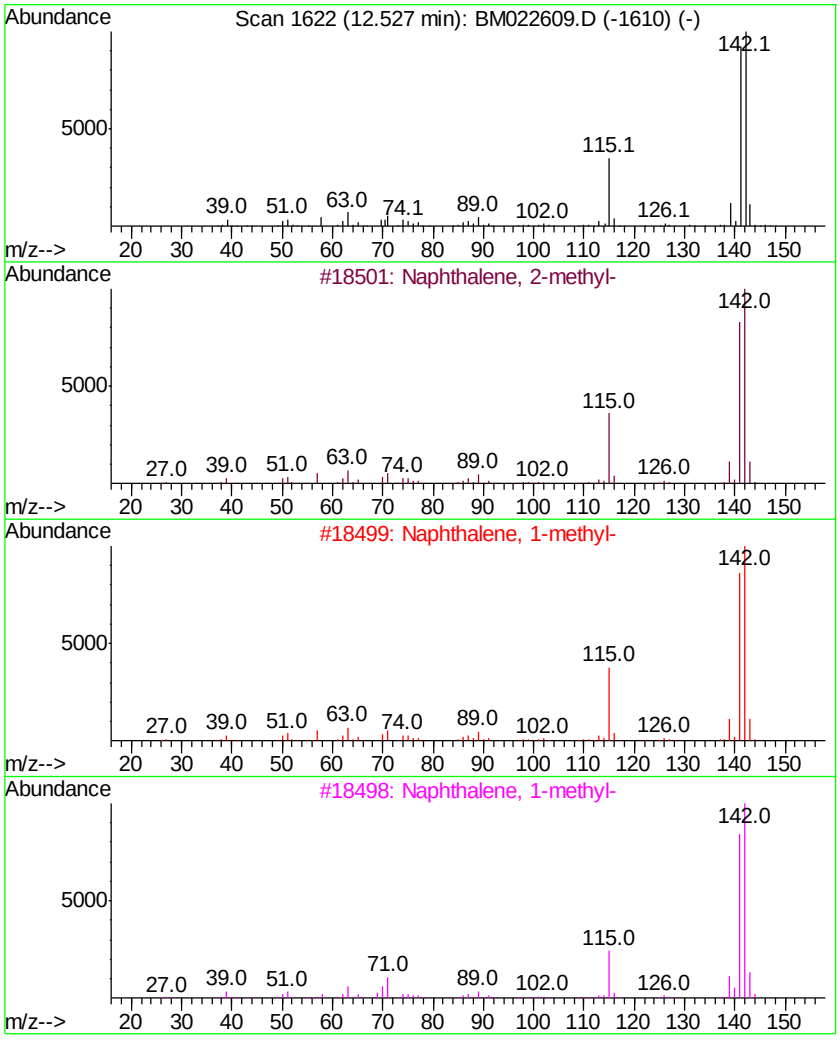
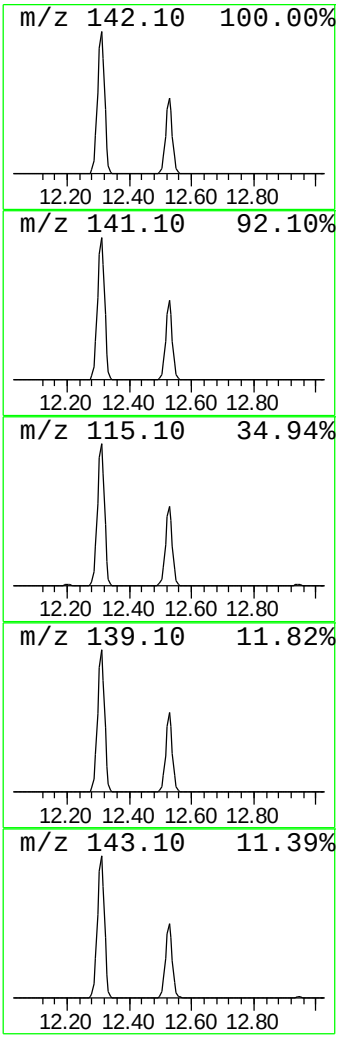
Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	20.69 ng/ul	2569230	Naphthalene-d8	10.65

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	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

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Data File : BM022609.D
Acq On : 09 Sep 2019 18:31
Operator : HP/JU
Sample : K4706-02DL 20X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF568DL

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	4.5	ng/ul	361341	1	7.85	1613130	20.0
Benzene, 1,3-dime...	5.50	3.6	ng/ul	292859	1	7.85	1613130	20.0
Benzene, 1-ethyl-...	6.95	3.5	ng/ul	285705	1	7.85	1613130	20.0
Benzene, 1-ethyl-...	7.01	2.5	ng/ul	197898	1	7.85	1613130	20.0
Benzene, 1,2,3-tr...	7.09	4.6	ng/ul	371558	1	7.85	1613130	20.0
Benzofuran	7.57	3.2	ng/ul	260589	1	7.85	1613130	20.0
Benzene, 1,2,4-tr...	7.97	4.2	ng/ul	335047	1	7.85	1613130	20.0
Benzene, 1-ethyny...	8.39	31.8	ng/ul	2561060	1	7.85	1613130	20.0
2-Propenal, 3-phe...	9.33	9.6	ng/ul	1196310	2	10.65	2484040	20.0
Benzofuran, 2-met...	9.39	2.1	ng/ul	265685	2	10.65	2484040	20.0
1H-Indene, 2,3-di...	9.90	3.1	ng/ul	380276	2	10.65	2484040	20.0
Benzene, 2-etheny...	10.05	6.1	ng/ul	754410	2	10.65	2484040	20.0
2-Benzothiophene #	10.82	17.3	ng/ul	2154270	2	10.65	2484040	20.0
1H-Inden-1-one, 2...	12.02	2.5	ng/ul	307281	2	10.65	2484040	20.0
Naphthalene, 1-me...	12.53	20.7	ng/ul	2569230	2	10.65	2484040	20.0