LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

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-BM070819MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.246	380	384	391	rVB	70606	102284	0.51%	0.173%
2	5.375	402	406	408	rBV	82580	124931	0.62%	0.211%
3	5.740	463	468	474	rVB	135159	202643	1.00%	0.342%
4	6.857	655	658	662	rVB	39208	48141	0.24%	0.081%
5	6.934	667	671	676	rVB	55255	79795	0.40%	0.135%
6	7.063	689	693	696	rBV	37297	57328	0.28%	0.097%
7	7.245	721	724	730	rVB	55698	84773	0.42%	0.143%
8	7.351	737	742	751	rVB	227504	350673	1.74%	0.592%
9	7.434	751	756	762	rVB	87971	140894	0.70%	0.238%
10	7.710	797	803	813	rVB	573159	921917	4.57%	1.558%
11	7.816	817	821	827	rVB	67073	104387	0.52%	0.176%
12	8.075	858	865	875	rVB	1194690	1864486	9.24%	3.150%
13	8.240	886	893	902	rVB	1963583	3139101	15.56%	5.304%
14	8.334	906	909	916	rVB2	19519	29959	0.15%	0.051%
15	8.428	920	925	932	rVB3	41969	71556	0.35%	0.121%
16	8.798	984	988	995	rVB3	52465	82008	0.41%	0.139%
17	8.881	996	1002	1010	rVB	165161	274174	1.36%	0.463%
18	9.057	1026	1032	1037	rVB	155016	242234	1.20%	0.409%
19	9.181	1044	1053	1059	rBV	320852	636596	3.16%	1.076%
20	9.239	1059	1063	1072	rVV	83096	135479	0.67%	0.229%
21	9.322	1072	1077	1081	rVV	29415	43671	0.22%	0.074%
22	9.381	1082	1087	1092	rVB	35558	60181	0.30%	0.102%
23	9.592	1119	1123	1131	rVB3	43103	72666	0.36%	0.123%
24	9.739	1142	1148	1162	rVB	103690	168925	0.84%	0.285%
25	9.886	1167	1173	1186	rBV4	148176	334440	1.66%	0.565%
26	9.992	1186	1191	1196	rBV2	43009	81620	0.40%	0.138%
27	10.128	1208	1214	1224	rBV2	139206	252473	1.25%	0.427%
28	10.498	1269	1277	1280	rBV	693289	1293964	6.41%	2.186%
29	10.551	1280	1286	1298	rVV	11507154	20172432	100.00%	34.082%
30	10.669	1298	1306	1314	rVV	1206604	2041413	10.12%	3.449%
31	10.910	1342	1347	1354	rVB2	23992	40294	0.20%	0.068%
32	11.610	1459	1466	1472	rBV2	28170	55836	0.28%	0.094%
33	12.057	1536	1542	1549	rBV	79826	132962	0.66%	0.225%
34	12.163	1553	1560	1567	rBV	602913	968687	4.80%	1.637%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

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-BM070819MA.M
Title : SVOA CALIBRATION

35	12.286	1575	1581	1586	rVV	42381	72238	0.36%	0.122%
36	12.380	1586	1597	1608	rVB	694130	1199947	5.95%	2.027%
37	13.180	1727	1733	1745	rVB	651388	972642	4.82%	1.643%
38	13.333	1753	1759	1762	rBV3	14203	22553	0.11%	0.038%
39	13.380	1762	1767	1777	rVB	90599	168279	0.83%	0.284%
40	13.510	1780	1789	1790	rBV2	88495	113043	0.56%	0.191%
41	13.669	1810	1816	1822	rBV2	152122	279819	1.39%	0.473%
42	13.727	1822	1826	1829	rVV	70246	101876	0.51%	0.172%
43	13.774	1829	1834	1839	rVV	148436	219499	1.09%	0.371%
44	13.910	1852	1857	1860	rBV	55093	77637	0.38%	0.131%
45	13.939	1860	1862	1869	rVB2	22433	29713	0.15%	0.050%
46	14.051	1875	1881	1884	rBV	157822	267190	1.32%	0.451%
47	14.357	1923	1933	1938	rBV2	1073054	1703253	8.44%	2.878%
48	14.421	1938	1944	1953	rVV	1921737	2894833	14.35%	4.891%
49	14.504	1953	1958	1963	rVV	14794	22986	0.11%	0.039%
50	14.669	1978	1986	1992	rVB2	29449	49073	0.24%	0.083%
51	14.757	1992	2001	2007	rBV	1268212	1788420	8.87%	3.022%
52	14.845	2011	2016	2023	rVB3	16028	30679	0.15%	0.052%
53	15.351	2090	2102	2107	rBV	223038	340413	1.69%	0.575%
54	15.410	2107	2112	2122	rVB	758601	1043059	5.17%	1.762%
55	15.504	2122	2128	2131	rBV3	33465	55499	0.28%	0.094%
56	15.533	2131	2133	2136	rVV2	25854	31310	0.16%	0.053%
57	15.568	2136	2139	2145	rVB	40865	53365	0.26%	0.090%
58	15.657	2150	2154	2158	rVV3	24807	37101	0.18%	0.063%
59	15.704	2158	2162	2170	rVV2	57747	89489	0.44%	0.151%
60	15.816	2173	2181	2184	rBV	23265	36129	0.18%	0.061%
61	15.851	2184	2187	2195	rVV2	64791	122371	0.61%	0.207%
62	16.098	2223	2229	2238	rBV3	59304	105381	0.52%	0.178%
63	16.392	2272	2279	2287	rVB4	23545	63625	0.32%	0.107%
64	16.774	2336	2344	2350	rBV2	33665	54987	0.27%	0.093%
65	16.927	2365	2370	2379	rVB	99062	145160	0.72%	0.245%
66	17.004	2379	2383	2392	rBV3	23122	45635	0.23%	0.077%
67	17.110	2392	2401	2404	rBV	1423636	2040355	10.11%	3.447%
68	17.151	2404	2408	2413	rVB	1399858	1874269	9.29%	3.167%
69	17.210	2413	2418	2422	rBV	248455	366995	1.82%	0.620%
70	17.315	2432	2436	2442	rVB5	17210	24734	0.12%	0.042%
71	17.521	2465	2471	2477	rBV	960431	1314499	6.52%	2.221%

LSC Area Percent Report

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Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

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-BM070819MA.M
Title : SVOA CALIBRATION

72	17.639	2485	2491	2496	rBV5	15143	31620	0.16%	0.053%
73	17.986	2546	2550	2554	rBV	15533	25469	0.13%	0.043%
74	18.033	2554	2558	2564	rVB2	87010	127953	0.63%	0.216%
75	18.180	2578	2583	2587	rBV	48765	75744	0.38%	0.128%
76	18.292	2598	2602	2606	rBV	17424	25700	0.13%	0.043%
77	18.339	2606	2610	2615	rVB	28519	38320	0.19%	0.065%
78	18.433	2621	2626	2633	rBV	28991	47044	0.23%	0.079%
79	19.168	2747	2751	2756	rBV	137993	185683	0.92%	0.314%
80	19.503	2803	2808	2812	rBV	299163	437932	2.17%	0.740%
81	19.927	2876	2880	2885	rBV3	42818	64216	0.32%	0.108%
82	19.998	2887	2892	2903	rVV	142510	256200	1.27%	0.433%
83	21.297	3108	3113	3124	rBV	1867466	2478428	12.29%	4.187%
84	23.409	3468	3472	3480	rVB	313619	540984	2.68%	0.914%
85	23.556	3491	3497	3510	rVB	1320793	2582126	12.80%	4.363%

Sum of corrected areas: 59188398

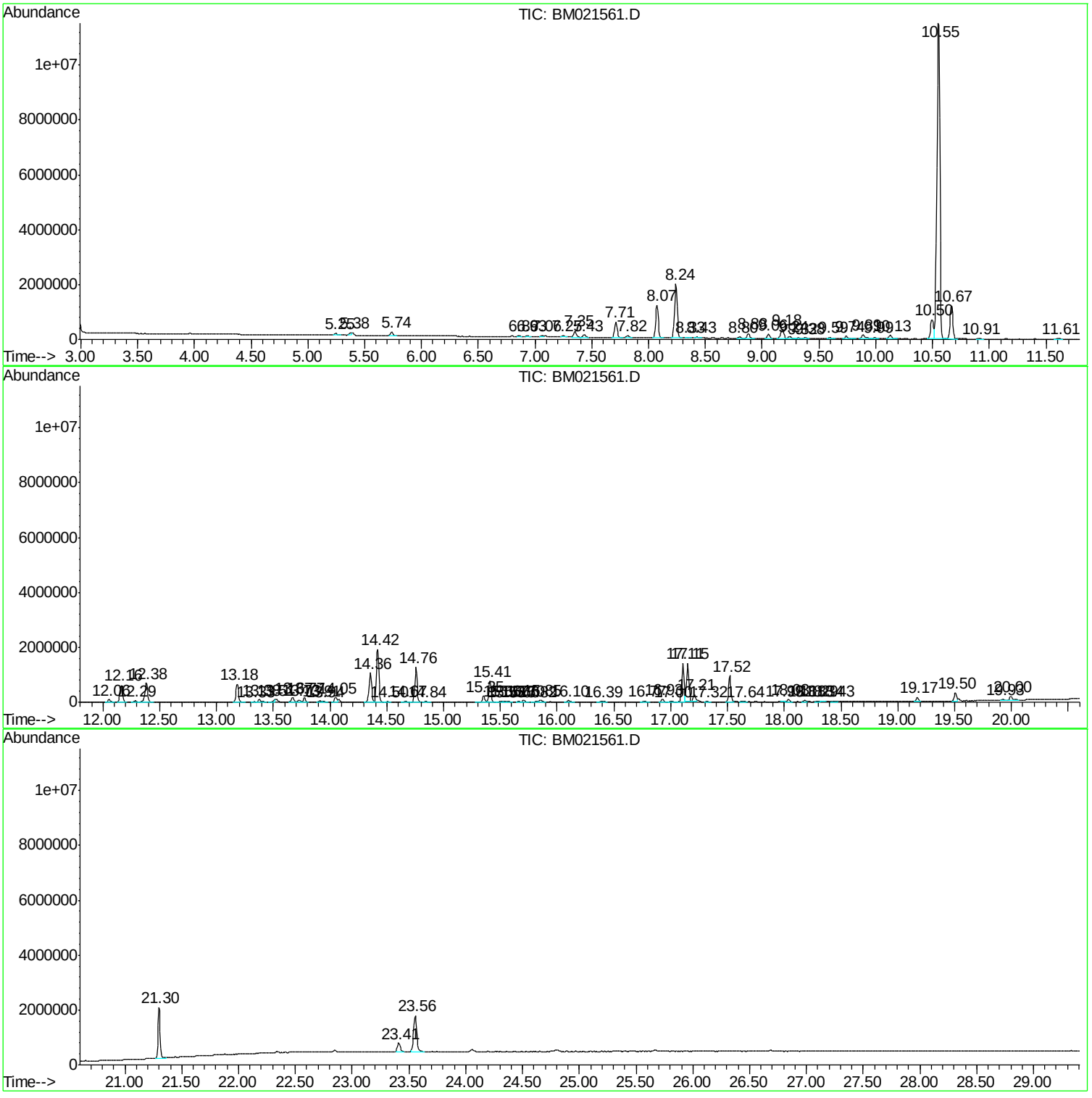
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

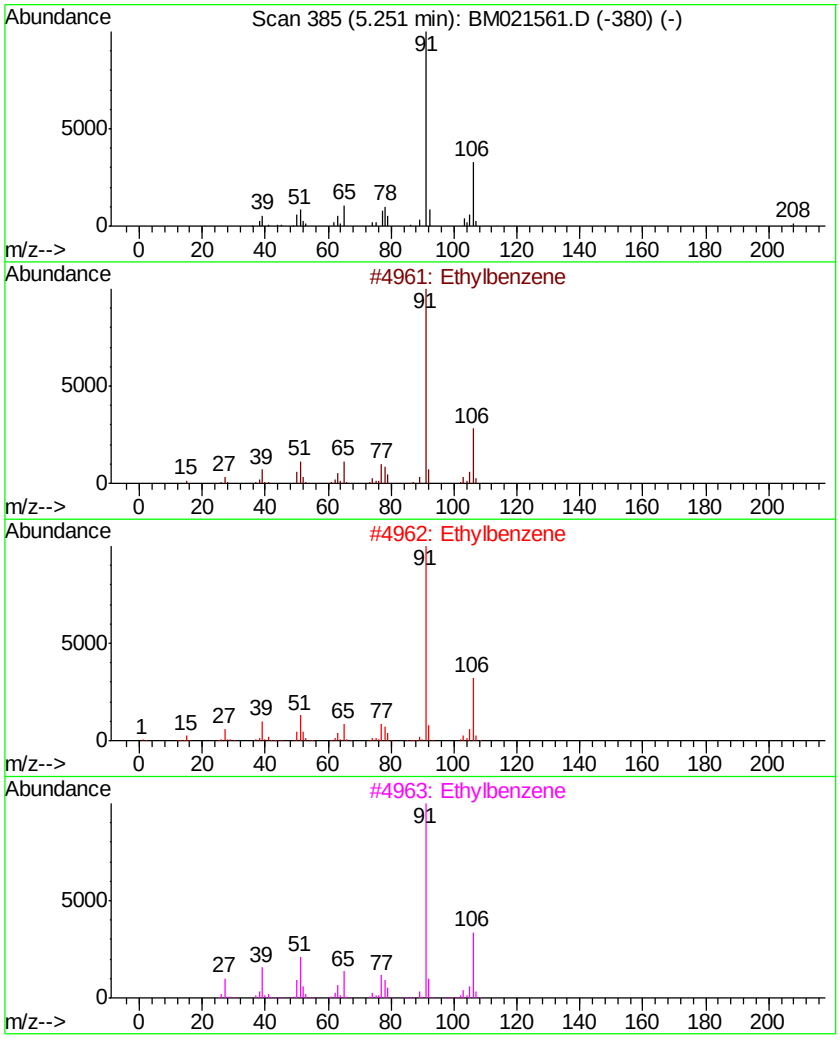
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

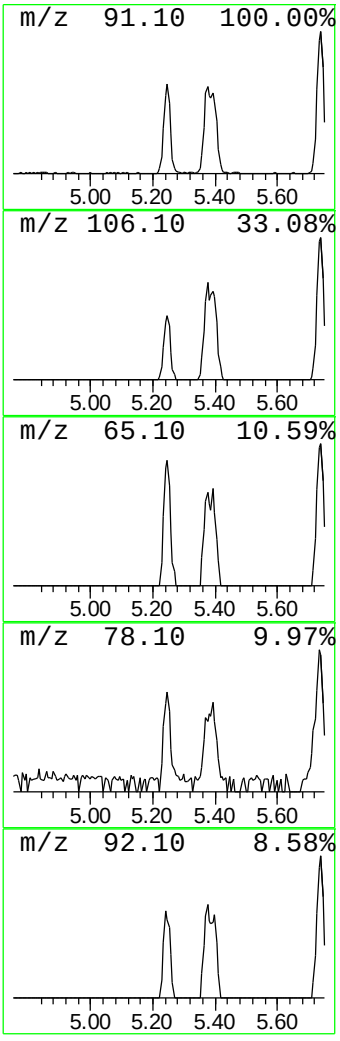
****

Peak Number 1 Ethylbenzene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.22 ng/ul	102284	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	p-Xylene	106	C8H10	000106-42-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

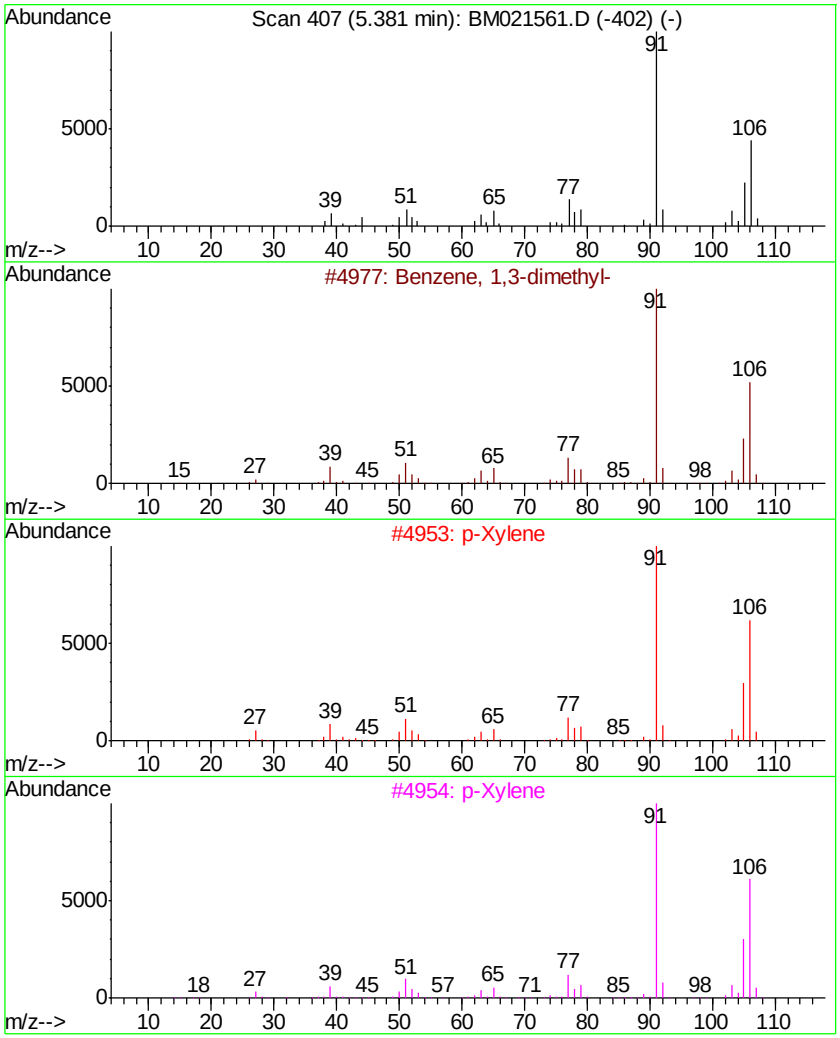
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

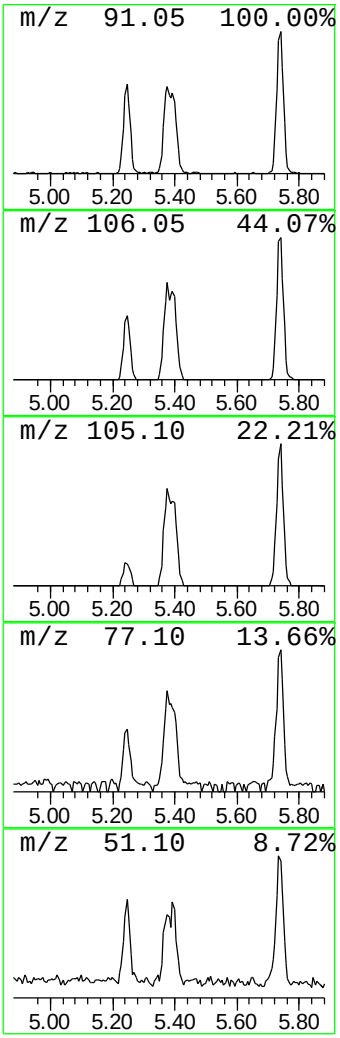
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	2.71 ng/ul	124931	1,4-Dichlorobenzene-d4	7.71

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

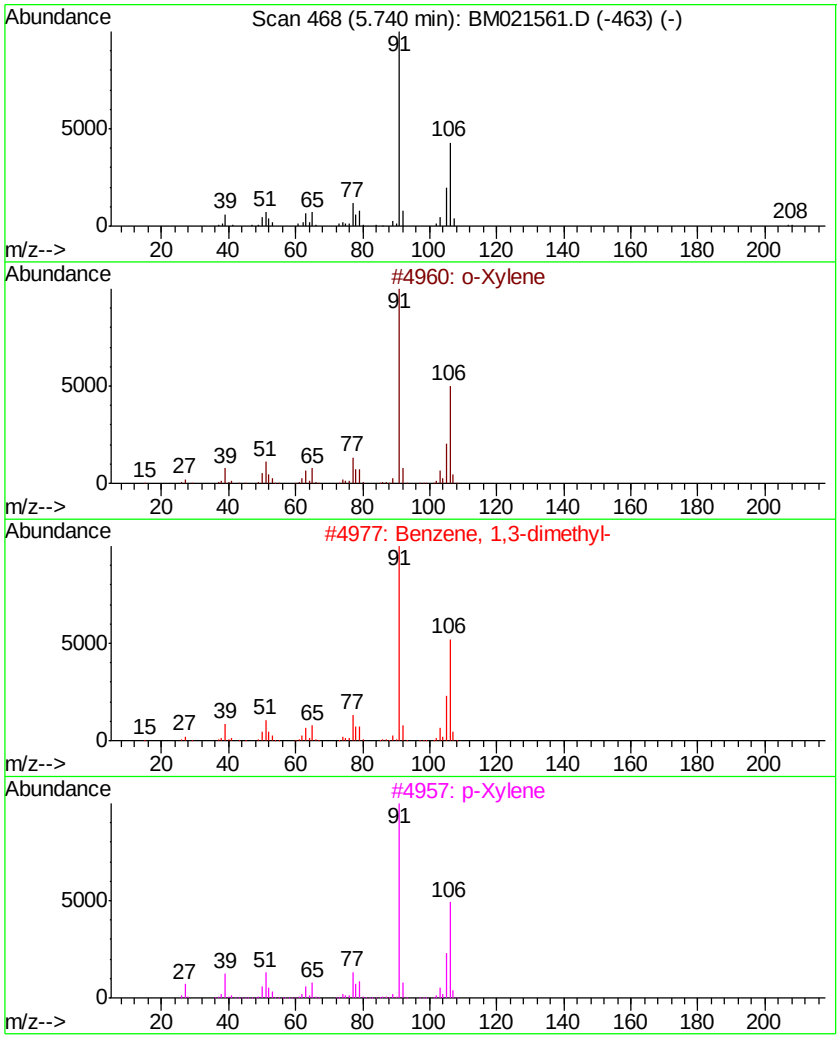
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

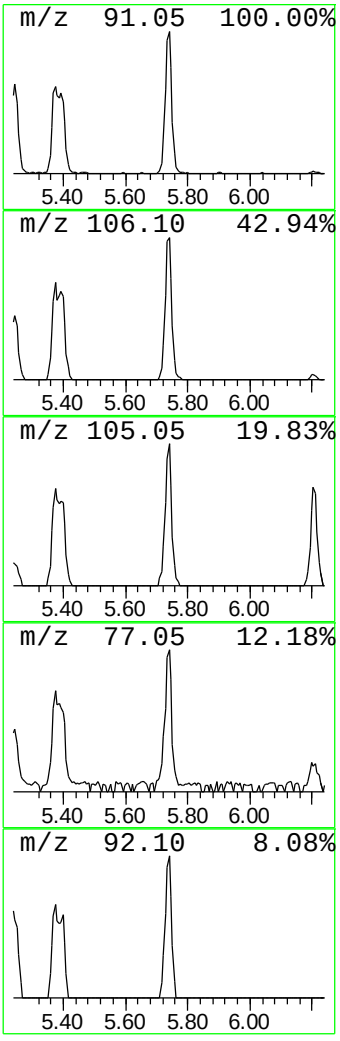
****

Peak Number 3 o-Xylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	4.40 ng/ul	202643	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
3	p-Xylene	106	C8H10	000106-42-3	94
4	p-Xylene	106	C8H10	000106-42-3	93
5	o-Xylene	106	C8H10	000095-47-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

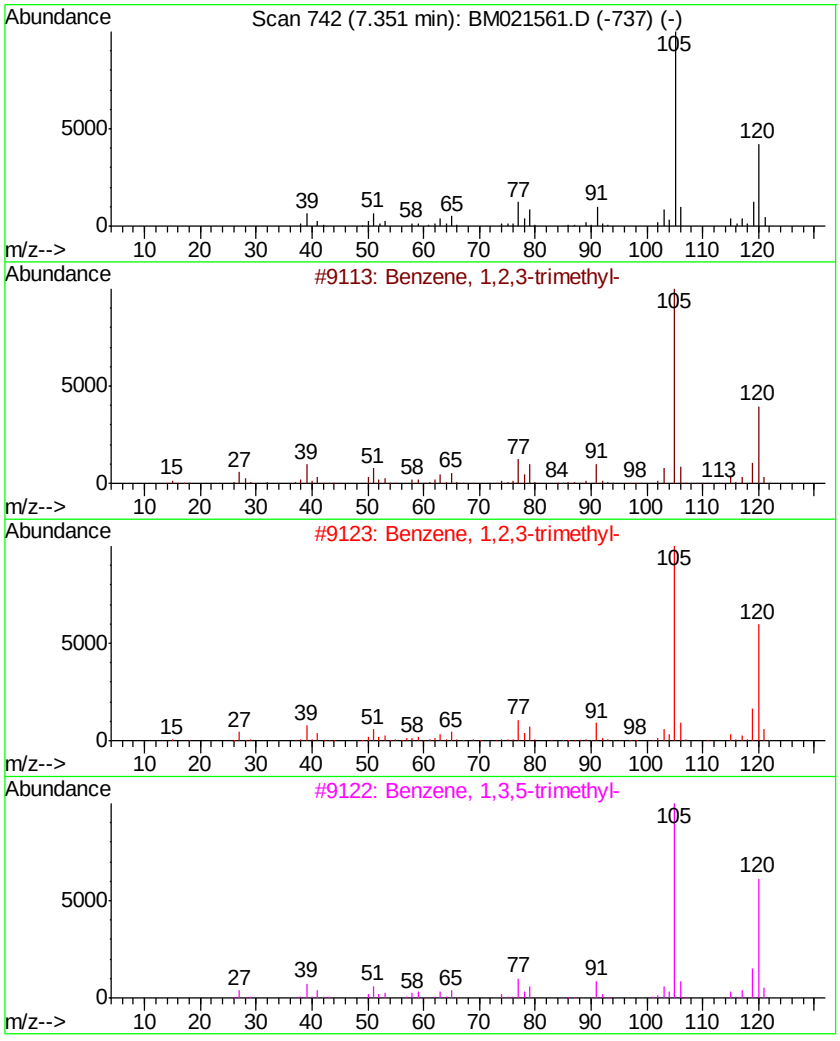
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

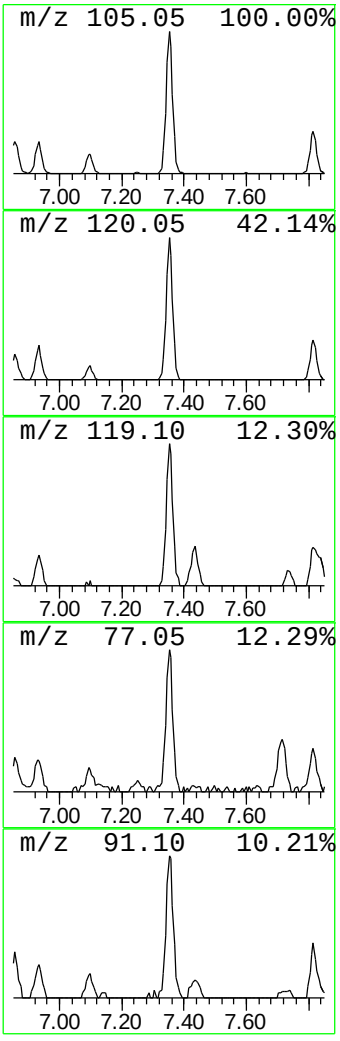
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	7.61 ng/ul	350673	1,4-Dichlorobenzene-d4	7.71

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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

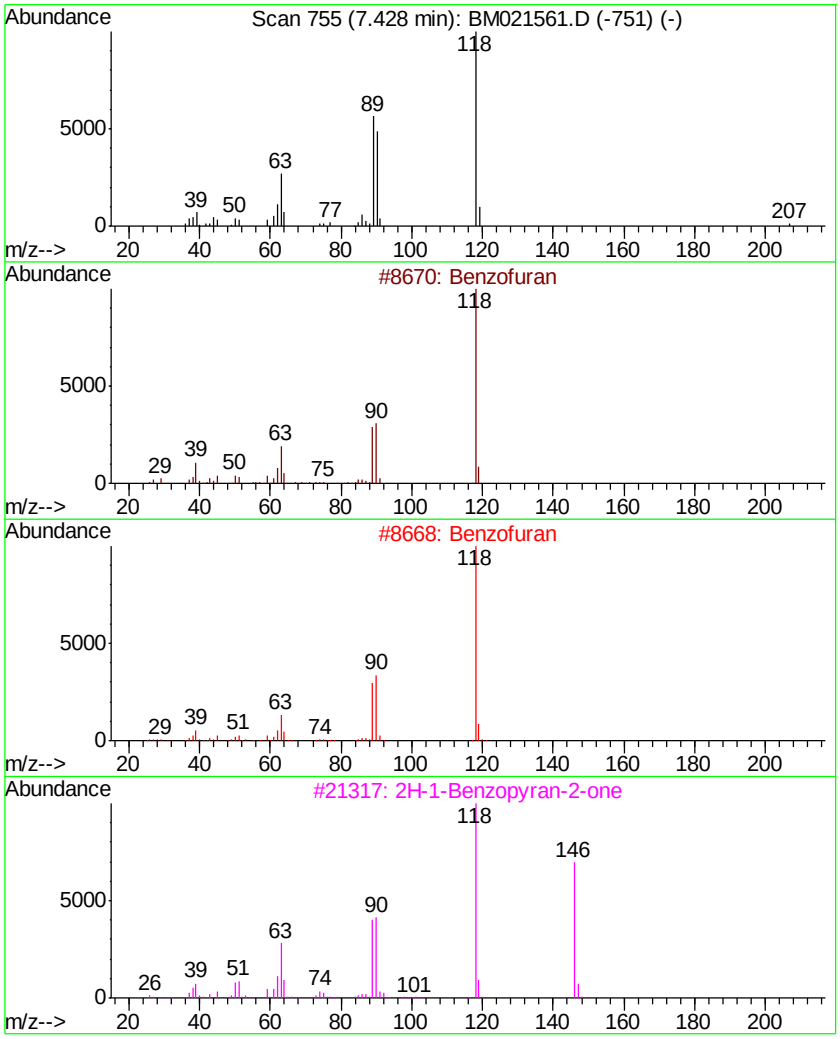
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

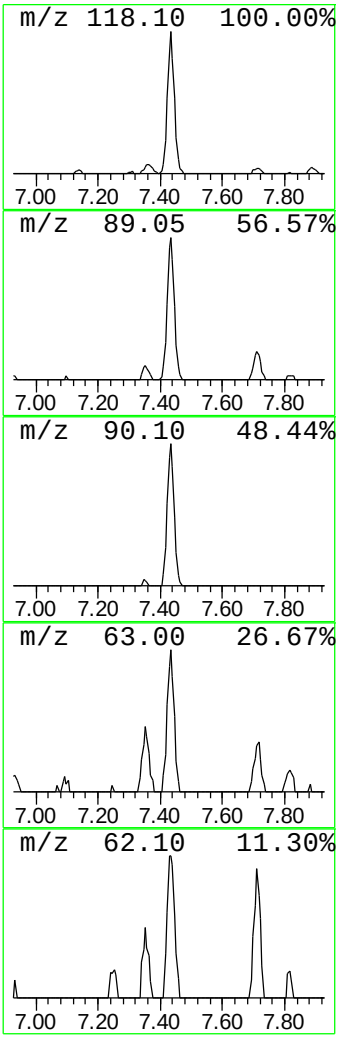
****

Peak Number 5 Benzofuran Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	3.06 ng/ul	140894	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	83
3	2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	83
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
5	2H-1-Benzopyran-2-one	146	C9H6O2	000091-64-5	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

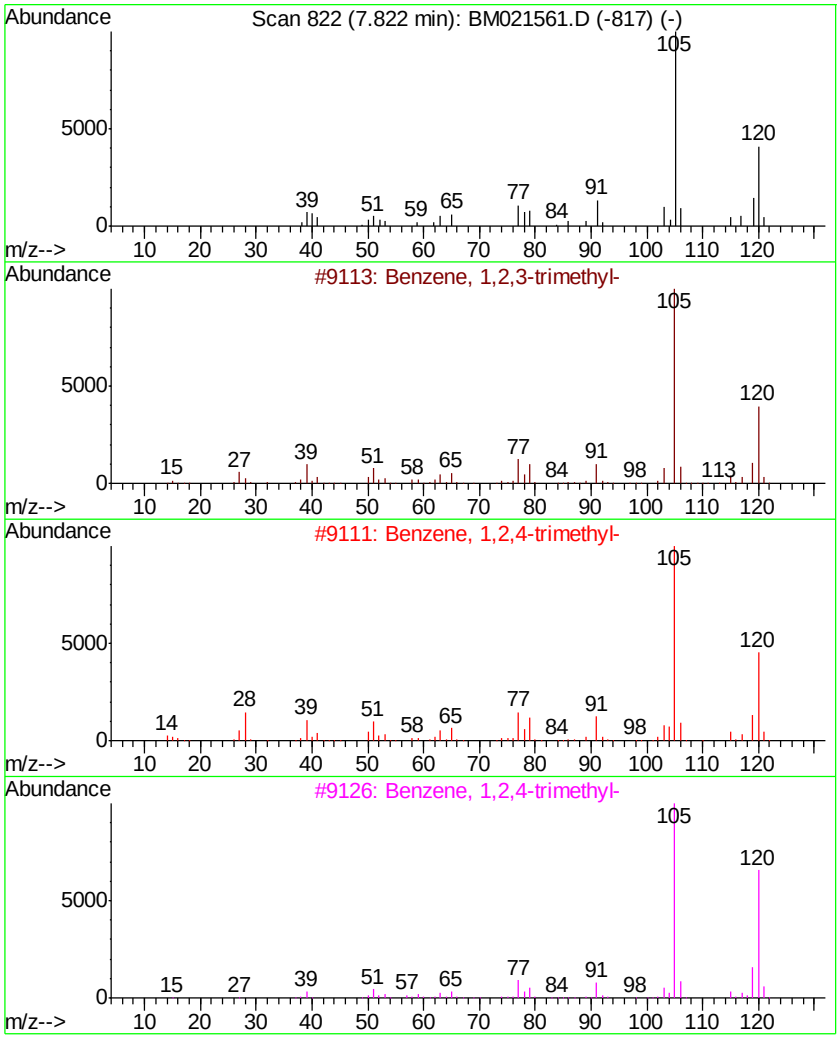
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

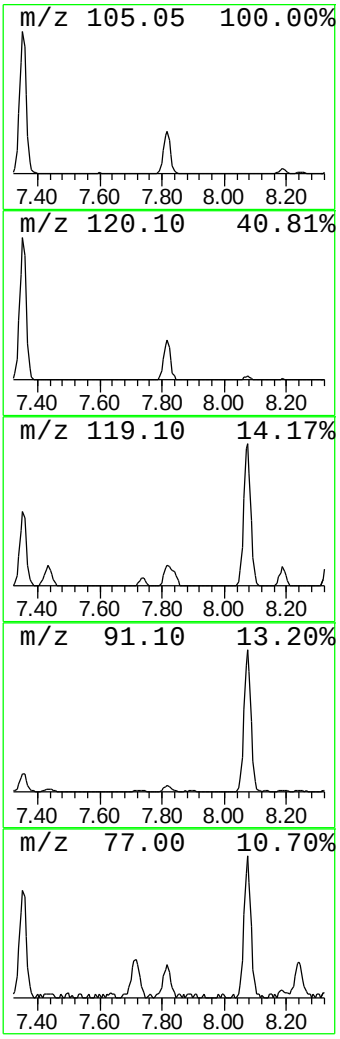
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.26 ng/ul	104387	1,4-Dichlorobenzene-d4	7.71

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





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Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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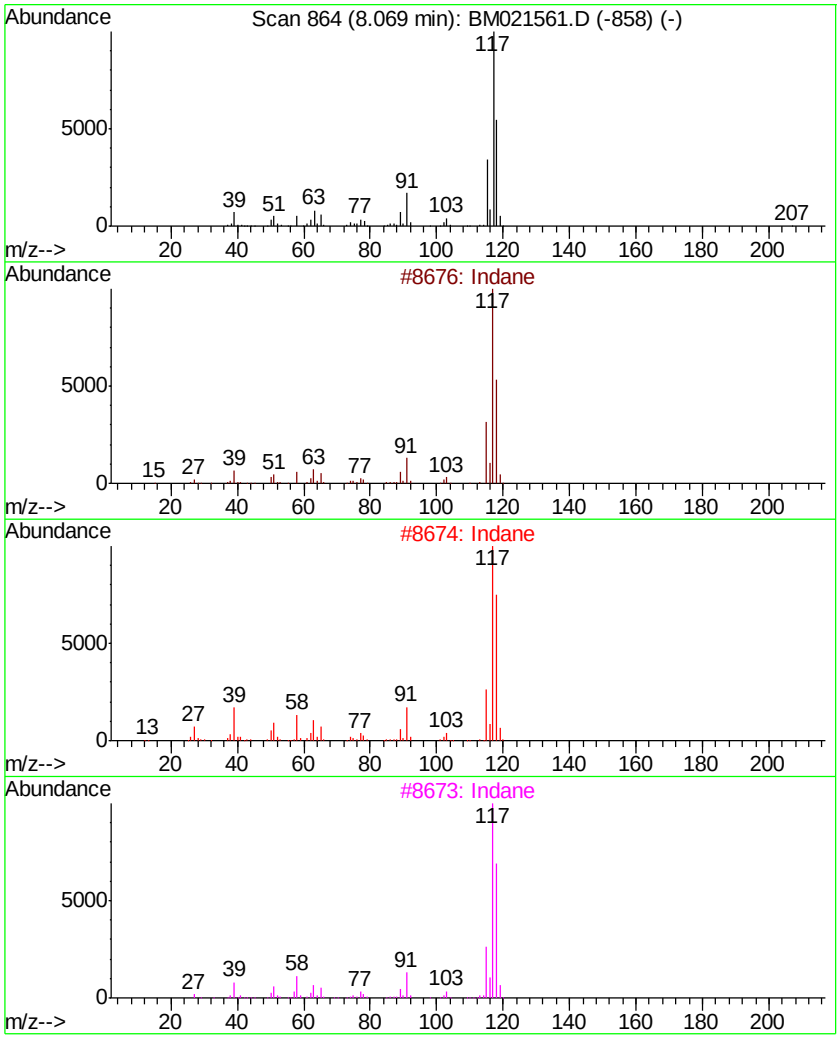
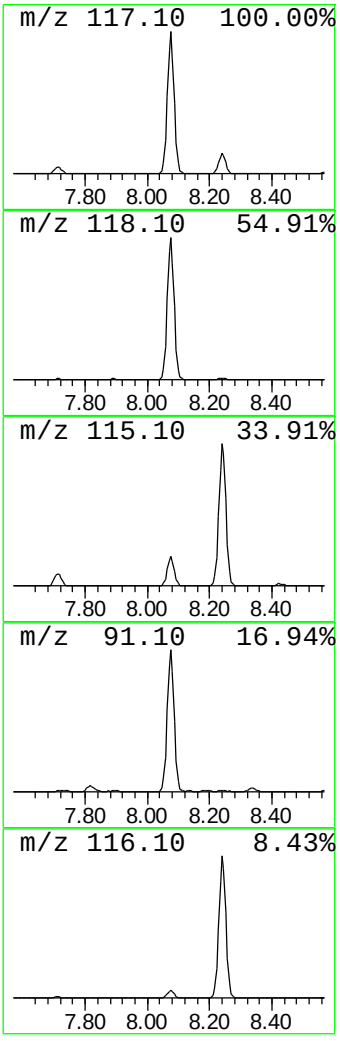
Peak Number 7 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	40.45 ng/ul	1864490	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	91
4	Indane	118	C9H10	000496-11-7	90
5	Deltacyclene	118	C9H10	007785-10-6	74





Library Search Compound Report

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Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

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Quant Title : SVOA CALIBRATION

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

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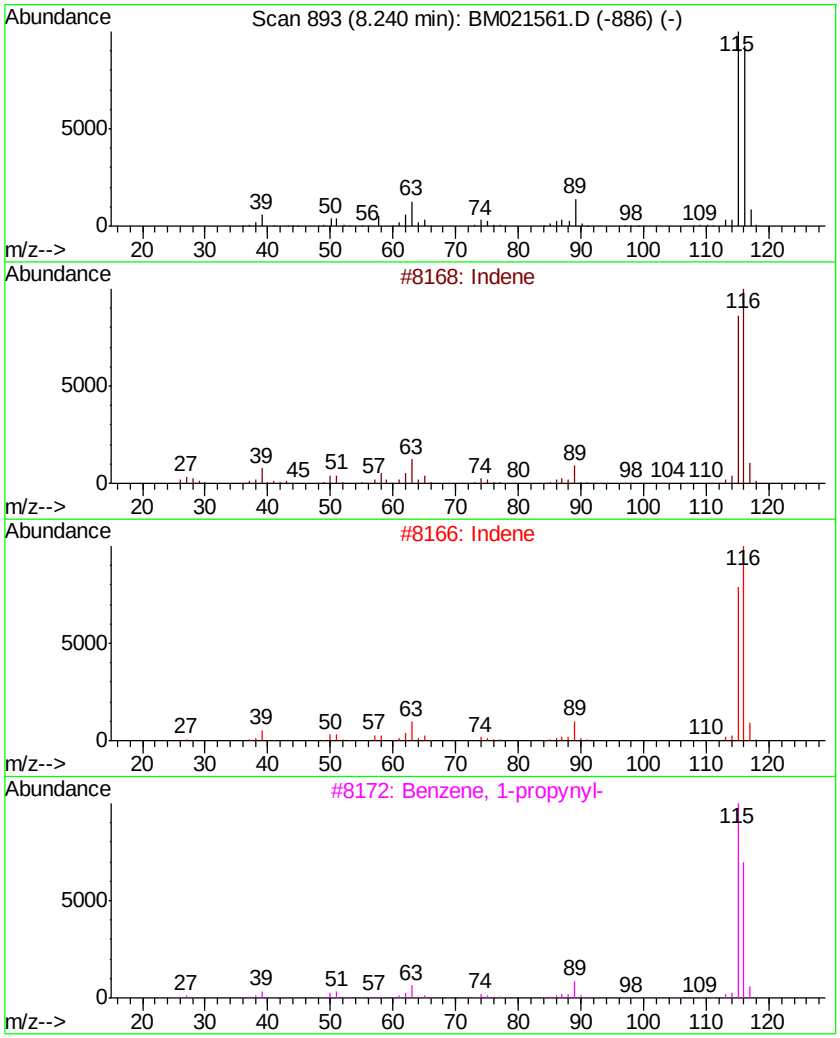
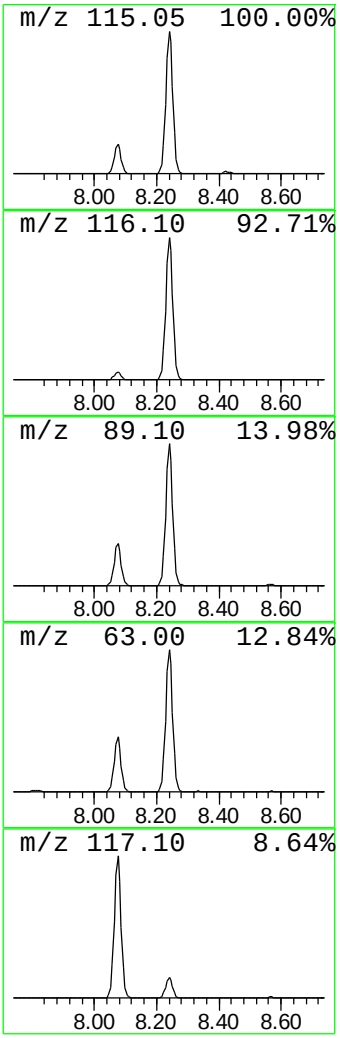
Peak Number 8 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	68.10 ng/ul	3139100	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

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Quant Title : SVOA CALIBRATION

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

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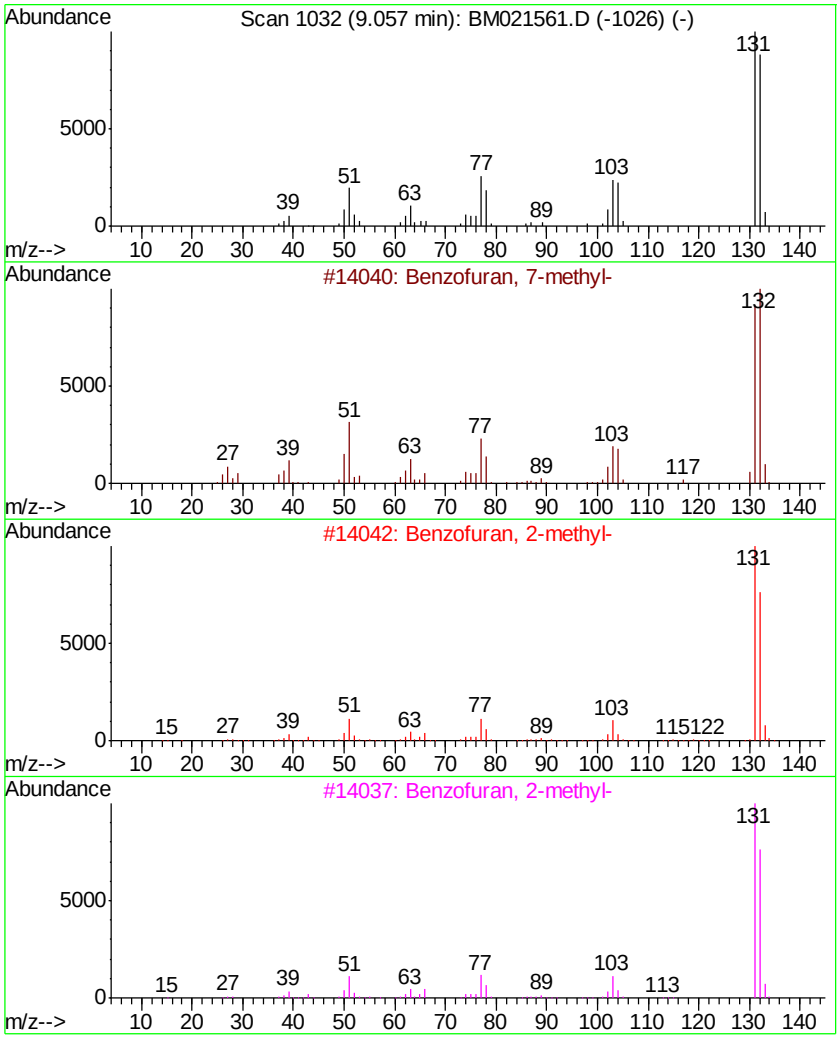
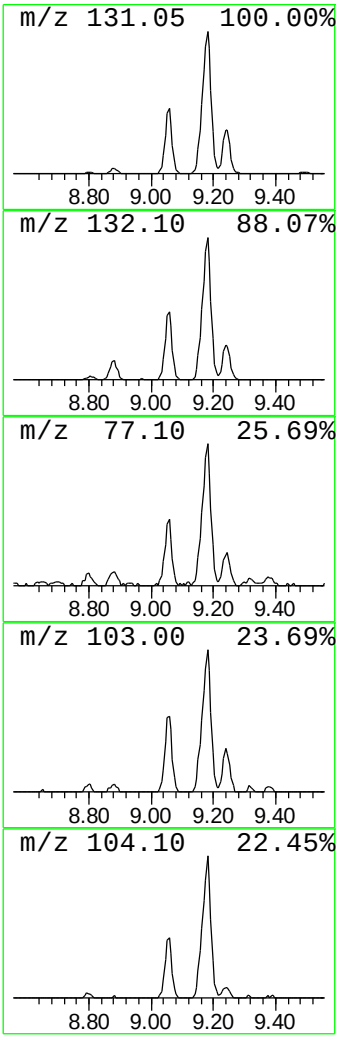
Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	5.26 ng/ul	242234	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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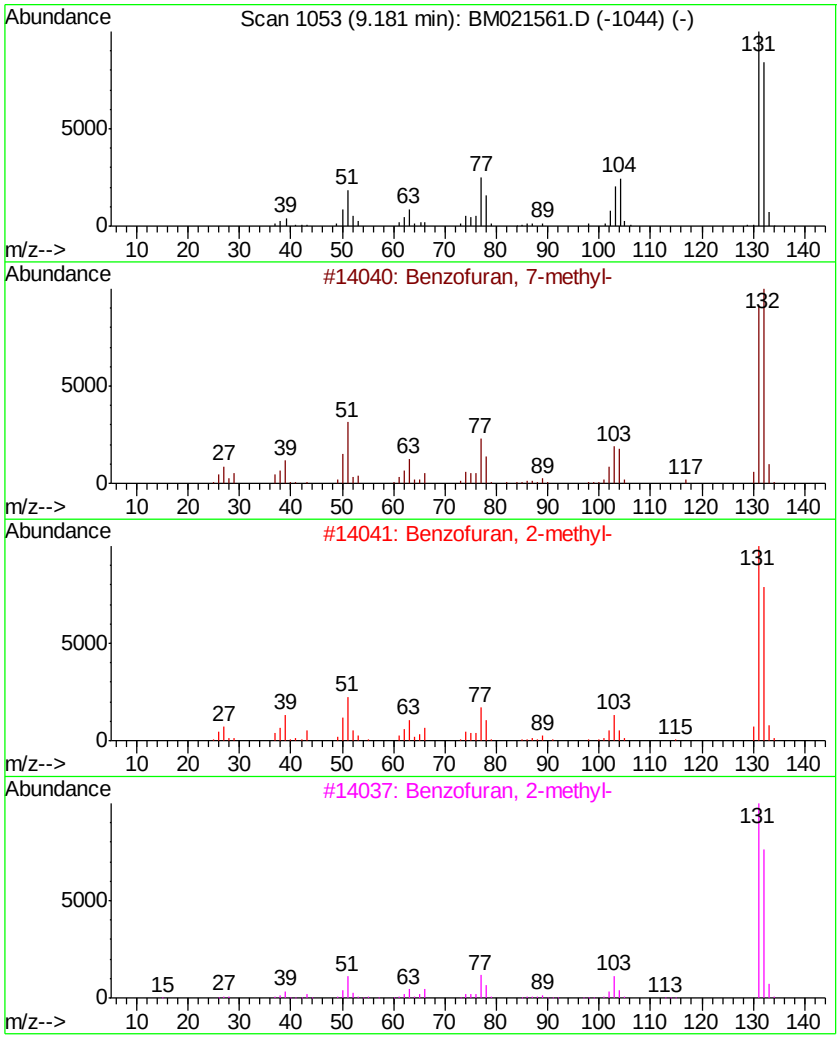
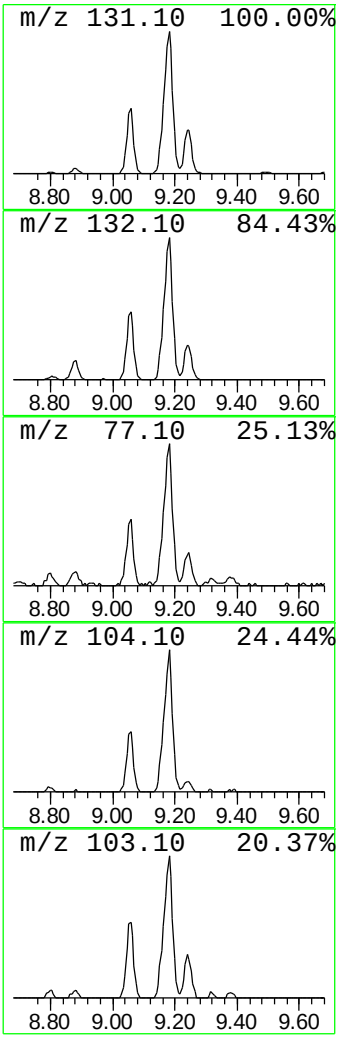
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	9.84 ng/ul	636596	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





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Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 3-Phenyl-2-propyn-1-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.09 ng/ul	135479	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
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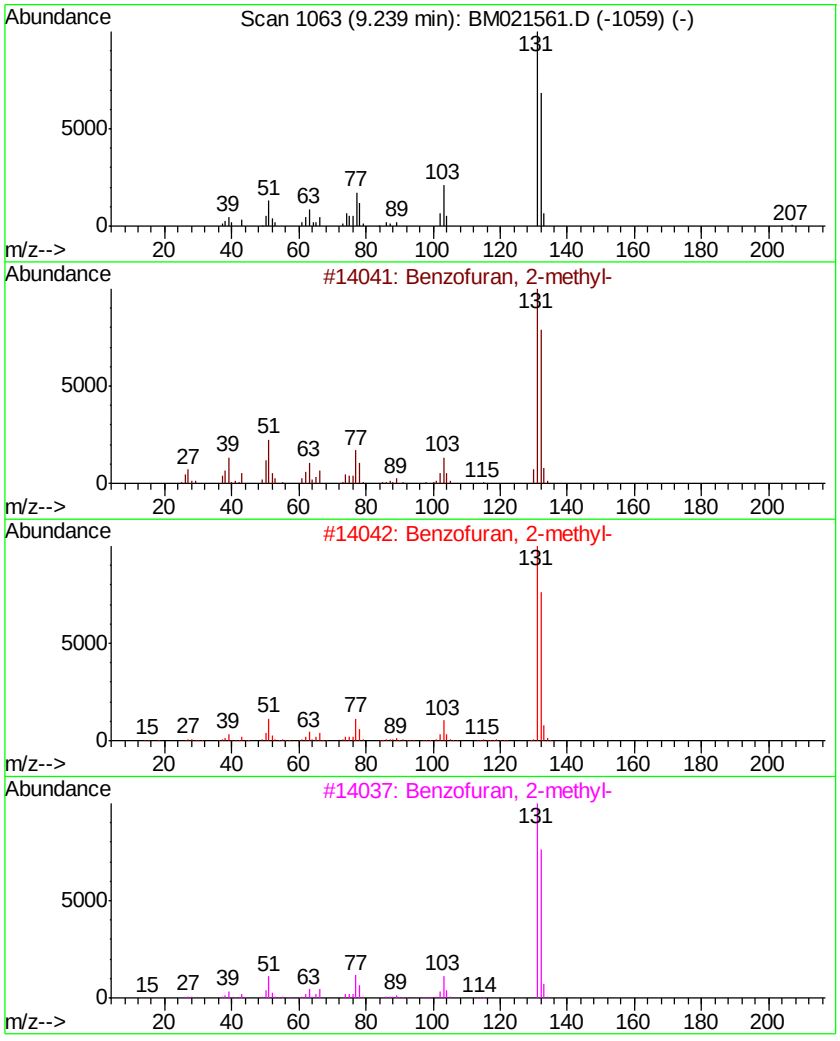

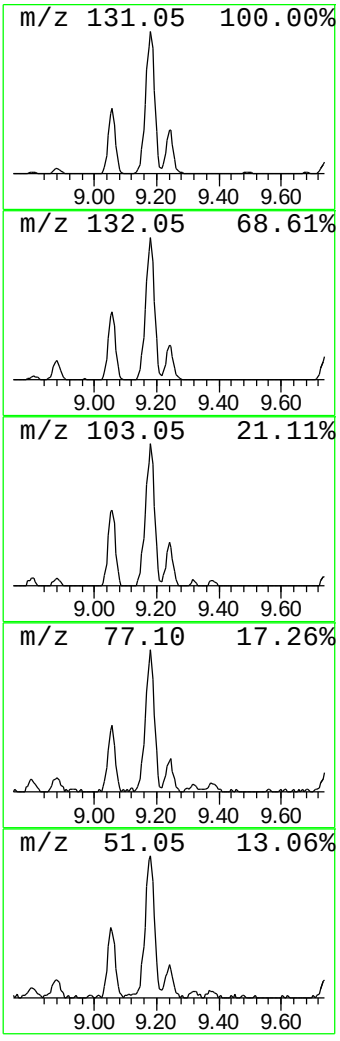

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Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

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Quant Title : SVOA CALIBRATION

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

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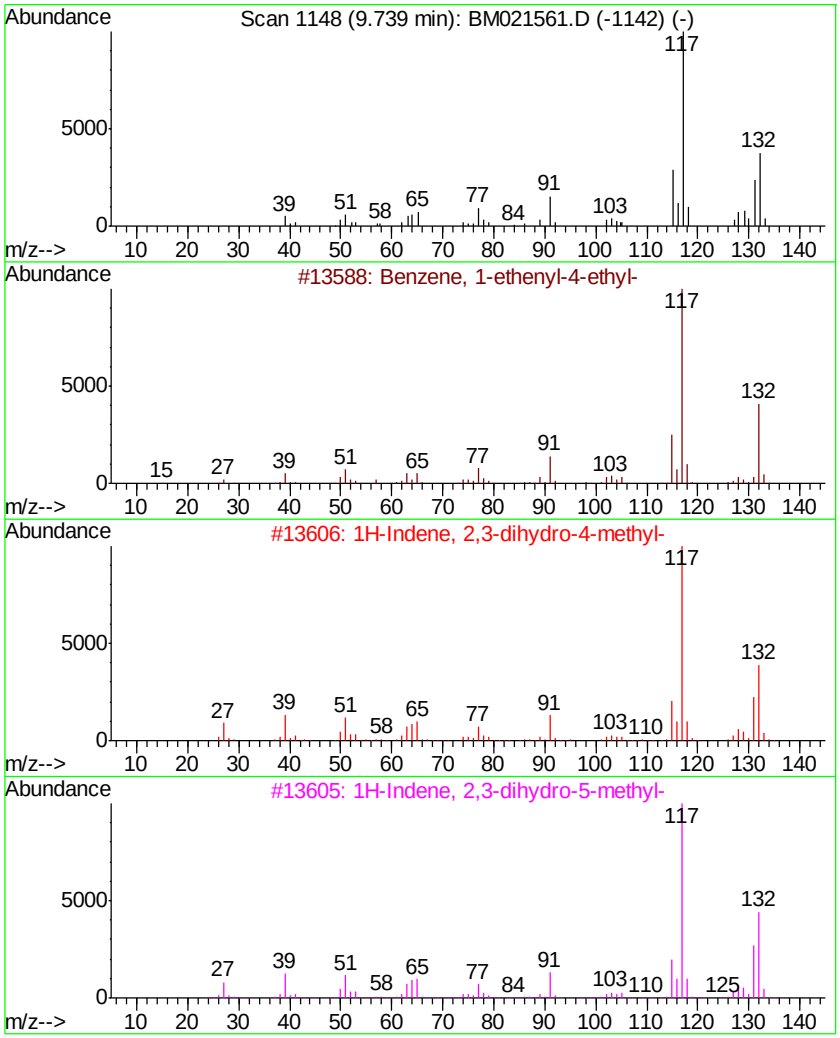
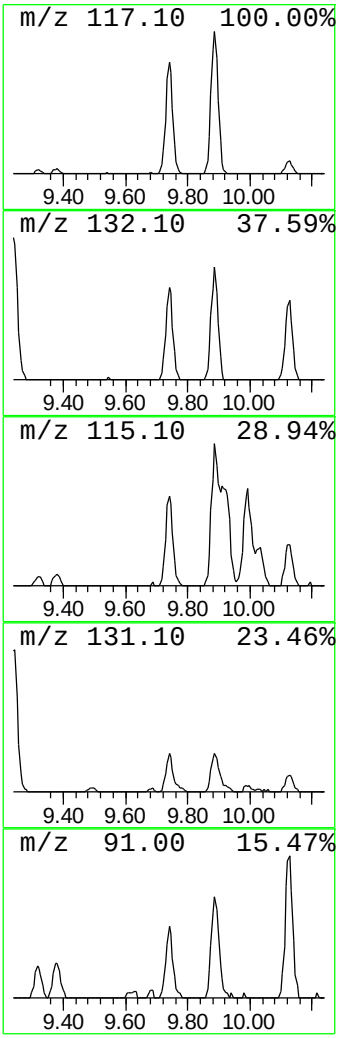
Peak Number 12 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	2.61 ng/ul	168925	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	86





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Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

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Quant Title : SVOA CALIBRATION

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

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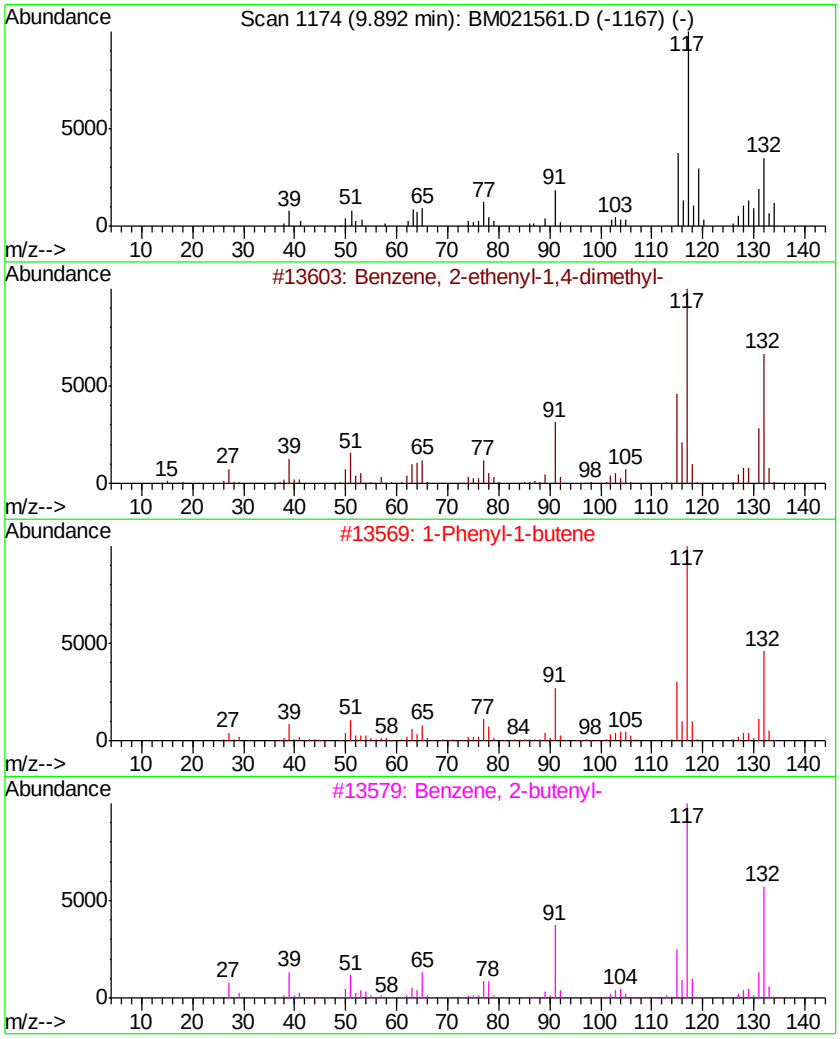
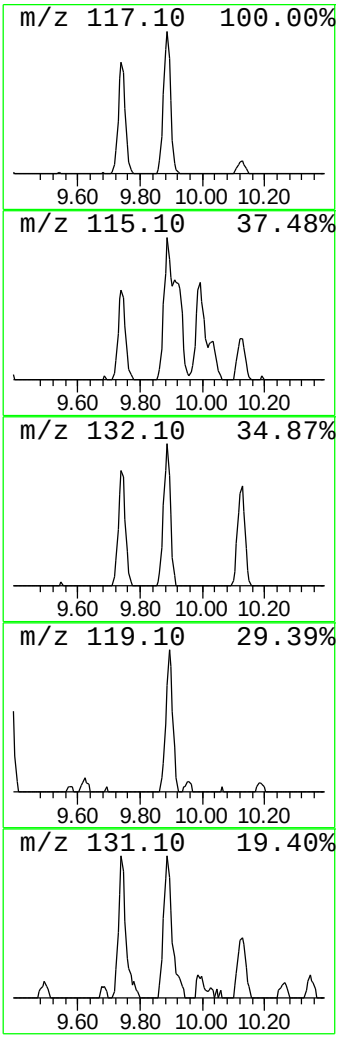
Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	5.17 ng/ul	334440	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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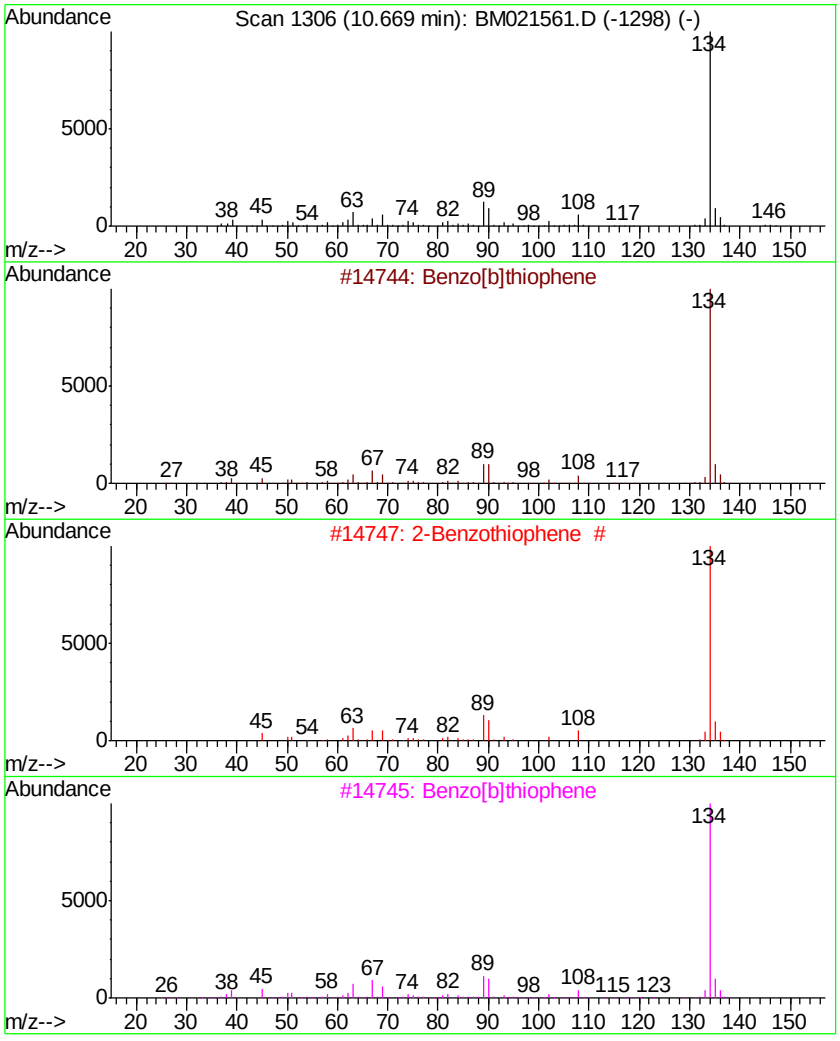
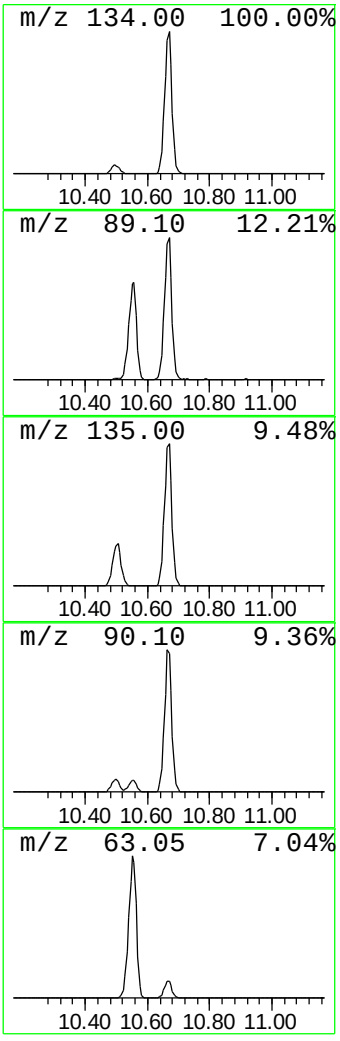
Peak Number 14 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	31.55 ng/ul	2041410	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2	2-Benzothiophene #	134	C8H6S	000270-82-6	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	93





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Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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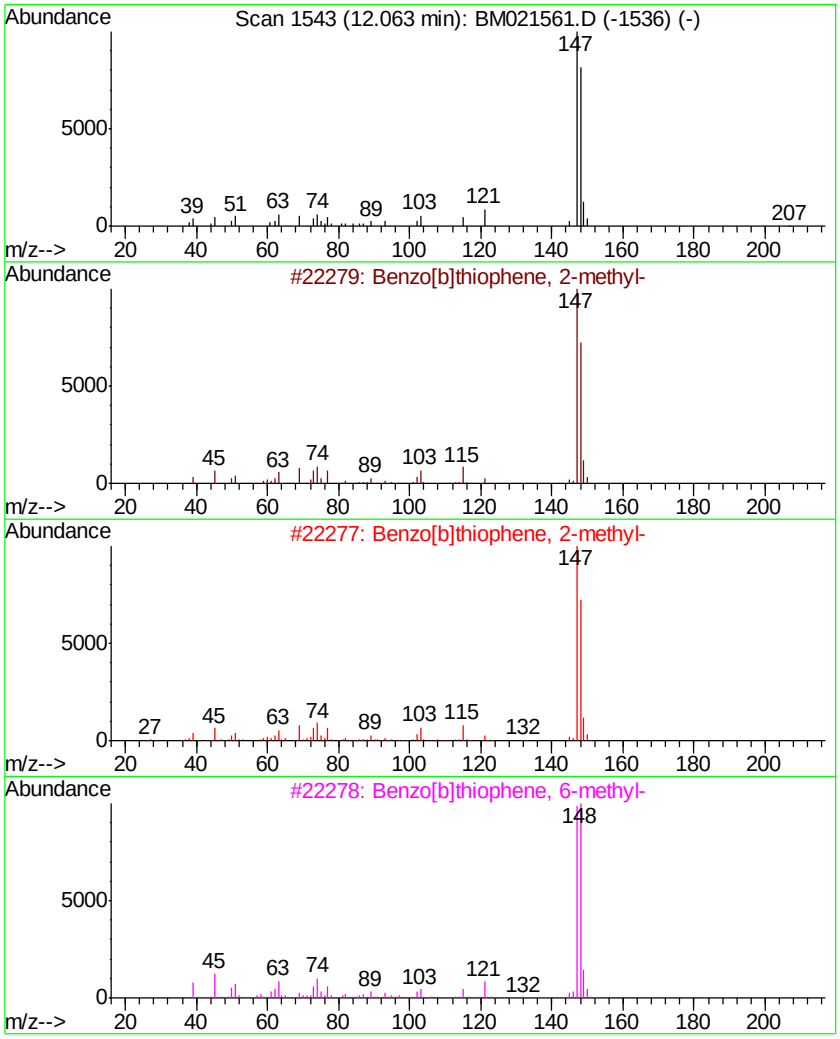
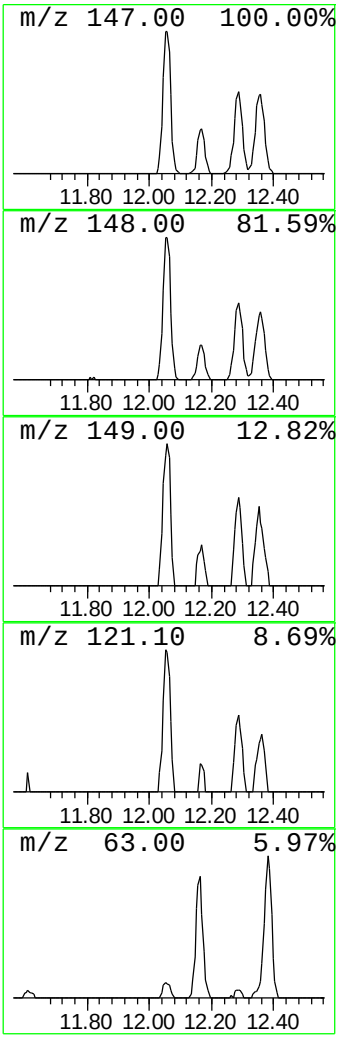
Peak Number 15 Benzo[b]thiophene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.06 ng/ul	132962	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90





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ClientSampleId : BF4B1DL

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Quant Title : SVOA CALIBRATION

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

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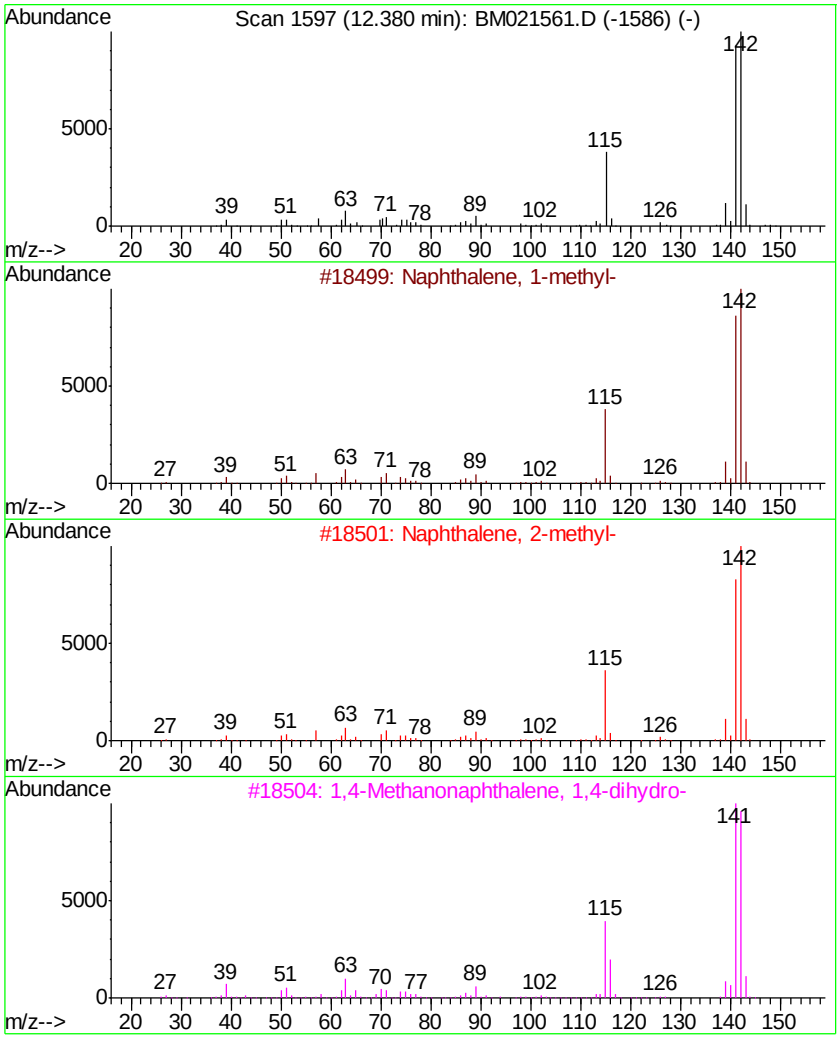
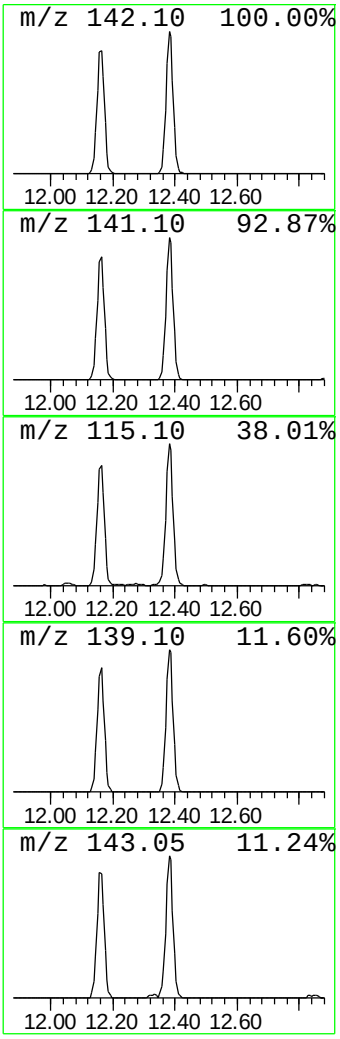
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	18.55 ng/ul	1199950	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Misc :
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Instrument : BNA_M
ClientSampleId : BF4B1DL

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Quant Title : SVOA CALIBRATION

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

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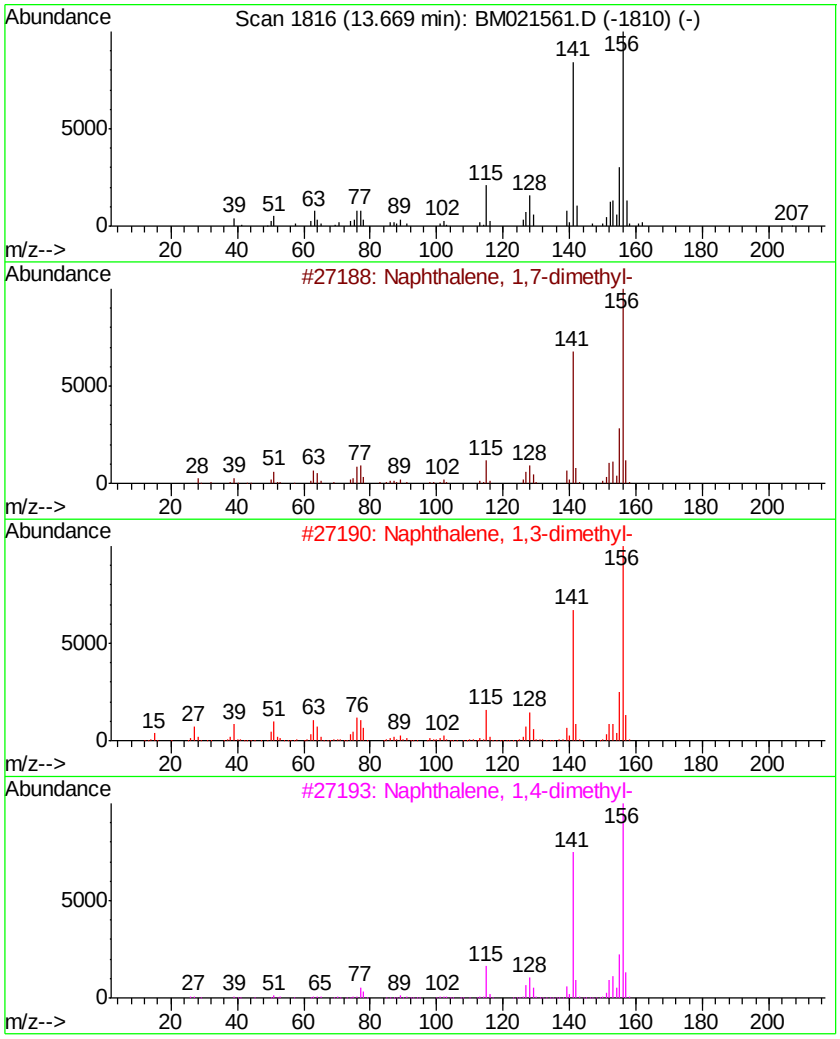
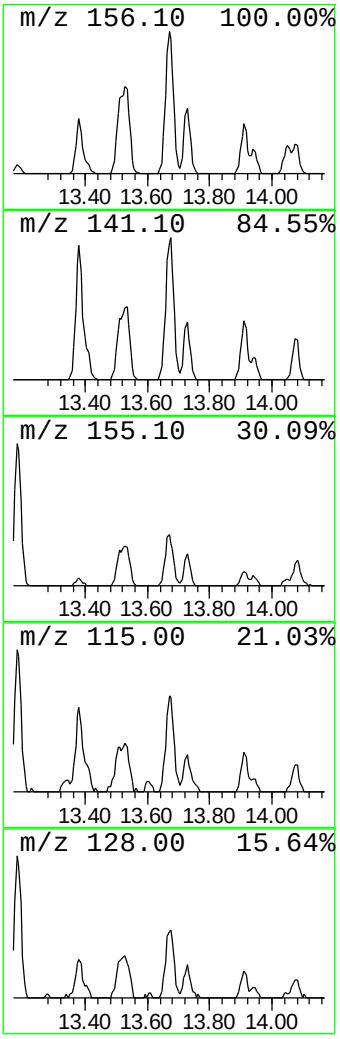
Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.29 ng/ul	279819	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

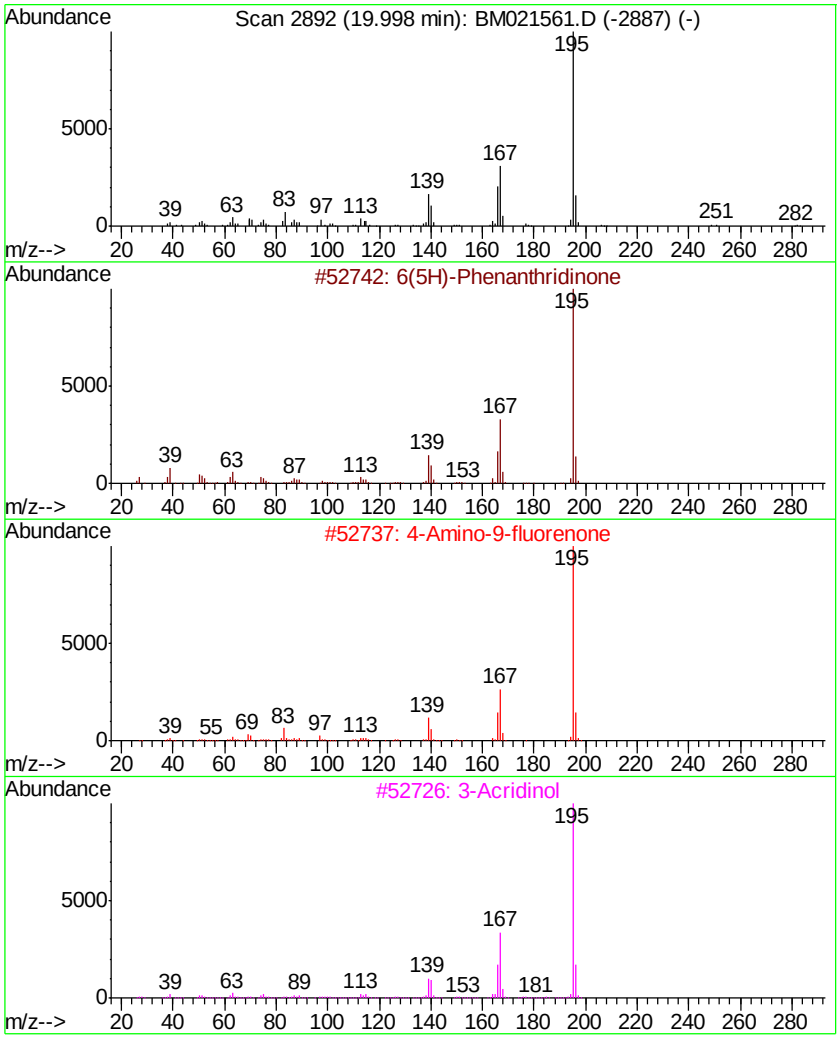
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

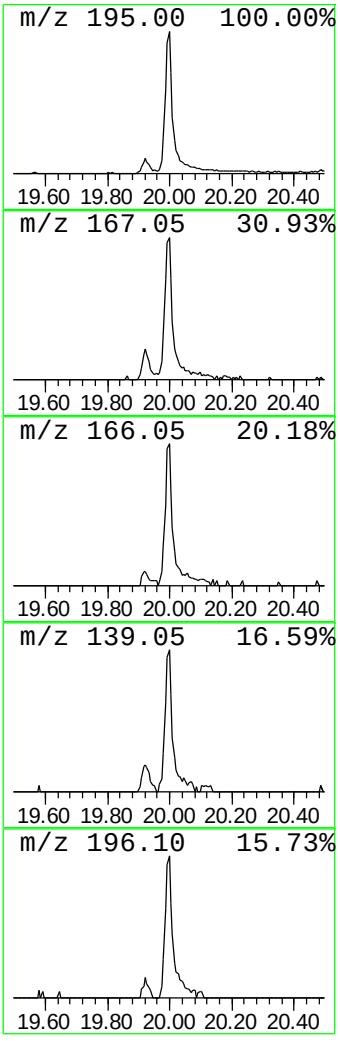
****

Peak Number 18 6(5H)-Phenanthridinone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.07 ng/ul	256200	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
3	3-Acridinol	195	C13H9NO	007132-70-9	94
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071919\
Data File : BM021561.D
Acq On : 19 Jul 2019 17:04
Operator : HP/JU
Sample : K3822-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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
Ethylbenzene	5.25	2.2	ng/ul	102284	1	7.71	921917	20.0
Benzene, 1,3-dime...	5.38	2.7	ng/ul	124931	1	7.71	921917	20.0
o-Xylene	5.74	4.4	ng/ul	202643	1	7.71	921917	20.0
Benzene, 1,2,3-tr...	7.35	7.6	ng/ul	350673	1	7.71	921917	20.0
Benzofuran	7.43	3.1	ng/ul	140894	1	7.71	921917	20.0
Benzene, 1,2,4-tr...	7.82	2.3	ng/ul	104387	1	7.71	921917	20.0
Indane	8.07	40.5	ng/ul	1864490	1	7.71	921917	20.0
Indene	8.24	68.1	ng/ul	3139100	1	7.71	921917	20.0
Benzofuran, 7-met...	9.06	5.3	ng/ul	242234	1	7.71	921917	20.0
Benzofuran, 2-met...	9.18	9.8	ng/ul	636596	2	10.50	1293960	20.0
3-Phenyl-2-propyn...	9.24	2.1	ng/ul	135479	2	10.50	1293960	20.0
Benzene, 1-etheny...	9.74	2.6	ng/ul	168925	2	10.50	1293960	20.0
Benzene, 2-etheny...	9.89	5.2	ng/ul	334440	2	10.50	1293960	20.0
Benzo[b]thiophene	10.67	31.6	ng/ul	2041410	2	10.50	1293960	20.0
Benzo[b]thiophene...	12.06	2.1	ng/ul	132962	2	10.50	1293960	20.0
Naphthalene, 1-me...	12.38	18.6	ng/ul	1199950	2	10.50	1293960	20.0
Naphthalene, 1,7-...	13.67	3.3	ng/ul	279819	3	14.36	1703250	20.0
6(5H)-Phenanthrid...	20.00	2.1	ng/ul	256200	5	21.30	2478430	20.0