LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

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-BM082219MA.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	3.446	73	78	100	rVB	2718531	3462225	1.94%	0.805%
2	3.834	133	144	148	rBV2	27700669	59453192	33.29%	13.828%
3	4.010	170	174	181	rBV	194118	251918	0.14%	0.059%
4	5.087	350	357	370	rVB	7681088	10262135	5.75%	2.387%
5	5.228	370	381	388	rBV	10394702	23998720	13.44%	5.582%
6	5.428	410	415	421	rBV	175765	237976	0.13%	0.055%
7	5.581	430	441	448	rBV	6253798	9399891	5.26%	2.186%
8	6.393	571	579	587	rBV	149751	236660	0.13%	0.055%
9	6.516	594	600	605	rBV	246669	349957	0.20%	0.081%
10	6.628	612	619	624	rBV	1045842	1566255	0.88%	0.364%
11	6.681	624	628	634	rVV	678676	1002640	0.56%	0.233%
12	6.757	635	641	648	rVV	978076	1550656	0.87%	0.361%
13	6.916	659	668	673	rBV2	474443	883114	0.49%	0.205%
14	6.963	673	676	684	rVB2	162328	246790	0.14%	0.057%
15	7.087	691	697	701	rBV	226837	376956	0.21%	0.088%
16	7.187	707	714	724	rVV3	3785171	7173177	4.02%	1.668%
17	7.275	724	729	737	rVB	361061	541575	0.30%	0.126%
18	7.546	769	775	782	rBV2	170609	330695	0.19%	0.077%
19	7.640	782	791	798	rVV	871394	1389506	0.78%	0.323%
20	7.716	798	804	810	rVV	644022	978391	0.55%	0.228%
21	7.893	827	834	842	rVB2	617519	1059383	0.59%	0.246%
22	8.004	842	853	858	rBV2	3491385	5640105	3.16%	1.312%
23	8.093	858	868	873	rVV	13448856	22782697	12.76%	5.299%
24	8.157	873	879	884	rVB2	289069	442318	0.25%	0.103%
25	8.334	902	909	913	rVV3	192199	443323	0.25%	0.103%
26	8.381	913	917	925	rVB2	252143	493320	0.28%	0.115%
27	8.463	925	931	936	rBV	131178	216371	0.12%	0.050%
28	8.616	952	957	962	rBV	266057	418140	0.23%	0.097%
29	8.716	966	974	981	rVB2	259736	585840	0.33%	0.136%
30	8.793	981	987	995	rVB	178598	370005	0.21%	0.086%
31	8.893	995	1004	1009	rBV3	107667	201939	0.11%	0.047%
32	9.134	1032	1045	1050	rBV2	134276	313885	0.18%	0.073%
33	9.198	1050	1056	1063	rVB	350406	575231	0.32%	0.134%
34	9.322	1063	1077	1082	rBV	2692199	5815982	3.26%	1.353%

LSC Area Percent Report

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Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

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-BM082219MA.M
Title : SVOA CALIBRATION

35	9.440	1089	1097	1105	rVB4	220402	514758	0.29%	0.120%
36	9.557	1111	1117	1127	rVB2	218415	590564	0.33%	0.137%
37	9.751	1133	1150	1156	rBV3	1390177	3815509	2.14%	0.887%
38	9.822	1156	1162	1178	rVV	1108408	3398320	1.90%	0.790%
39	9.945	1178	1183	1187	rVV	118899	208754	0.12%	0.049%
40	10.010	1187	1194	1203	rVV4	455325	1227652	0.69%	0.286%
41	10.487	1242	1275	1279	rVV3	29853480	178597379	100.00%	41.540%
42	10.539	1279	1284	1290	rVB	2221028	2882650	1.61%	0.670%
43	10.904	1331	1346	1351	rBV4	139728	479938	0.27%	0.112%
44	10.957	1351	1355	1366	rVB	165903	300587	0.17%	0.070%
45	11.081	1368	1376	1381	rBV	231348	389452	0.22%	0.091%
46	11.222	1394	1400	1410	rVV2	152410	427531	0.24%	0.099%
47	11.351	1410	1422	1426	rVV	203724	478191	0.27%	0.111%
48	11.404	1426	1431	1437	rVV4	119790	336137	0.19%	0.078%
49	11.498	1443	1447	1456	rVB	137034	274798	0.15%	0.064%
50	11.745	1485	1489	1494	rVB	129778	200316	0.11%	0.047%
51	11.881	1507	1512	1524	rVB	240694	454143	0.25%	0.106%
52	12.016	1524	1535	1539	rBV	13942671	22819830	12.78%	5.308%
53	12.116	1544	1552	1558	rVB	153391	282121	0.16%	0.066%
54	12.233	1558	1572	1579	rBV	9129776	14057745	7.87%	3.270%
55	12.386	1592	1598	1602	rVV3	126181	211666	0.12%	0.049%
56	12.639	1635	1641	1649	rVB2	128405	254299	0.14%	0.059%
57	13.022	1697	1706	1713	rBV	1634026	2384956	1.34%	0.555%
58	13.216	1734	1739	1741	rBV	139237	200697	0.11%	0.047%
59	13.351	1754	1762	1763	rBV2	323740	461862	0.26%	0.107%
60	13.433	1771	1776	1782	rVB2	121459	196771	0.11%	0.046%
61	13.510	1782	1789	1794	rBV	647476	1164283	0.65%	0.271%
62	13.563	1794	1798	1805	rVV	324599	446416	0.25%	0.104%
63	13.627	1805	1809	1821	rVB2	768646	1574897	0.88%	0.366%
64	13.751	1821	1830	1834	rBV2	325624	561410	0.31%	0.131%
65	13.927	1849	1860	1870	rVB2	3393627	5912274	3.31%	1.375%
66	14.198	1892	1906	1912	rBV3	422944	850968	0.48%	0.198%
67	14.263	1912	1917	1925	rVB	419440	673102	0.38%	0.157%
68	14.416	1938	1943	1951	rVB	350900	546863	0.31%	0.127%
69	14.992	2033	2041	2046	rBV5	78806	184727	0.10%	0.043%
70	15.204	2071	2077	2081	rBV	1219416	1608582	0.90%	0.374%
71	15.263	2081	2087	2096	rVB	1629938	2314830	1.30%	0.538%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

72	15.374	2096	2106	2111	rBV2	379134	642920	0.36%	0.150%
73	15.674	2152	2157	2164	rVB	199336	279483	0.16%	0.065%
74	15.957	2200	2205	2216	rVB	134437	228194	0.13%	0.053%
75	16.263	2250	2257	2262	rBV3	85369	182739	0.10%	0.043%
76	16.780	2336	2345	2350	rVV	203773	323068	0.18%	0.075%
77	16.963	2369	2376	2379	rBV2	458728	693838	0.39%	0.161%
78	17.010	2379	2384	2389	rVV	3437168	4491723	2.51%	1.045%
79	17.063	2389	2393	2397	rVV	1207527	1689364	0.95%	0.393%
80	17.098	2397	2399	2405	rVV	305262	343692	0.19%	0.080%
81	17.174	2407	2412	2419	rVV	168481	264852	0.15%	0.062%
82	17.839	2519	2525	2526	rVV	142313	200221	0.11%	0.047%
83	17.886	2530	2533	2540	rVV2	163363	260002	0.15%	0.060%
84	18.033	2552	2558	2562	rVV2	255795	429574	0.24%	0.100%
85	19.033	2723	2728	2735	rVB	435858	547191	0.31%	0.127%
86	19.374	2780	2786	2789	rBV	1252560	1790782	1.00%	0.417%
87	19.404	2789	2791	2794	rVV	538184	553716	0.31%	0.129%
88	19.439	2794	2797	2803	rVB	144473	180848	0.10%	0.042%
89	21.174	3086	3092	3096	rBV2	538807	797502	0.45%	0.185%
90	23.227	3435	3441	3447	rBV	690030	1157099	0.65%	0.269%
91	23.368	3459	3465	3475	rBV	297661	550589	0.31%	0.128%

Sum of corrected areas: 429943343

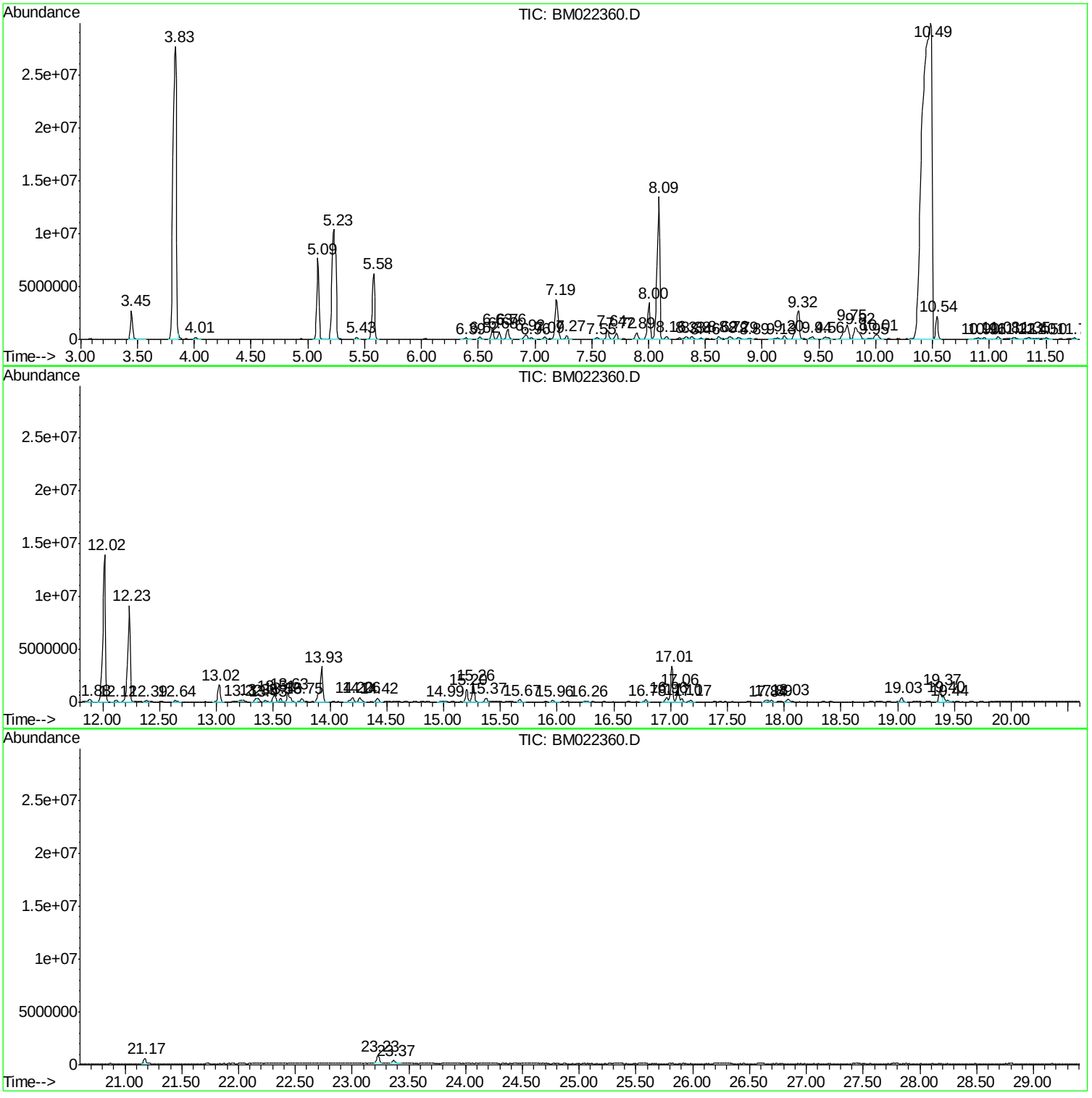
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

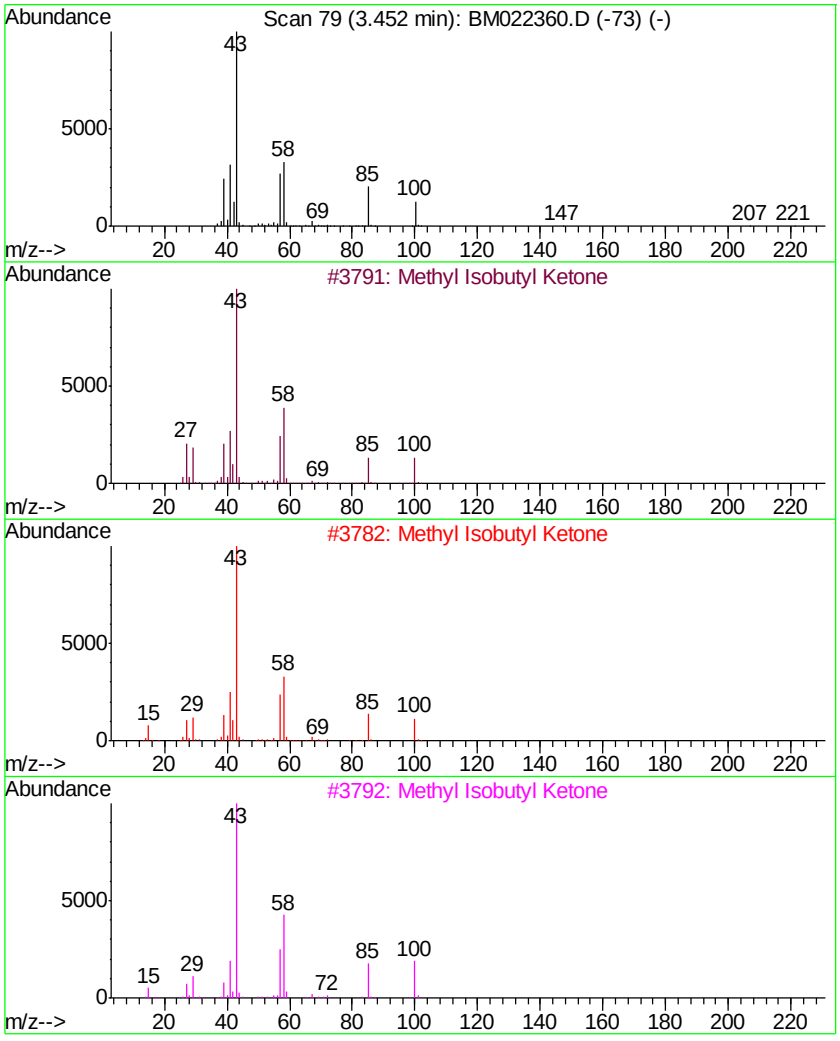
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

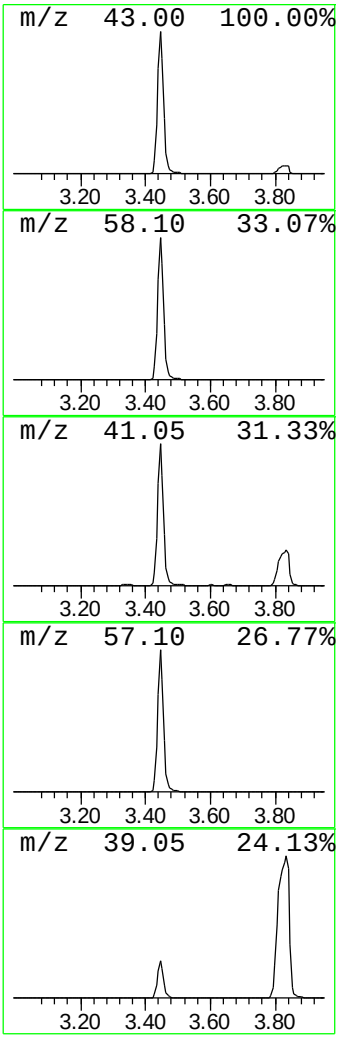
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	209.39 ng/ul	3462230	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	74
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	52
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	52
5	2-Hexanone	100	C6H12O	000591-78-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

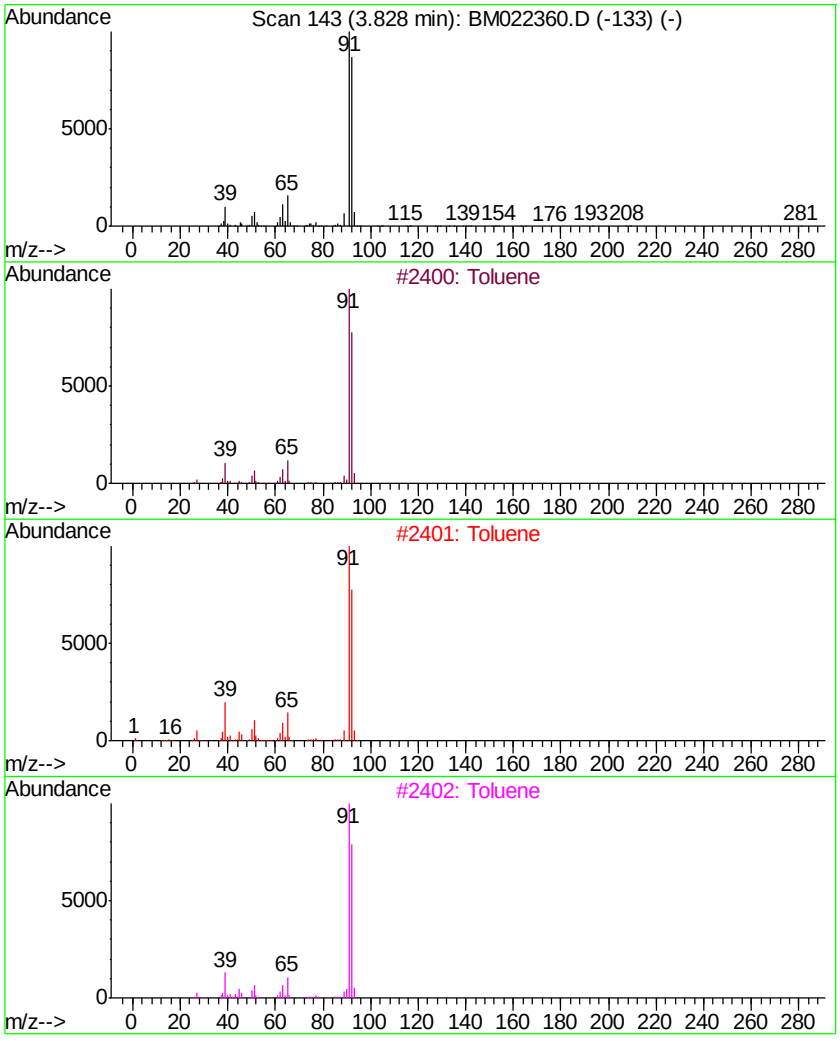
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

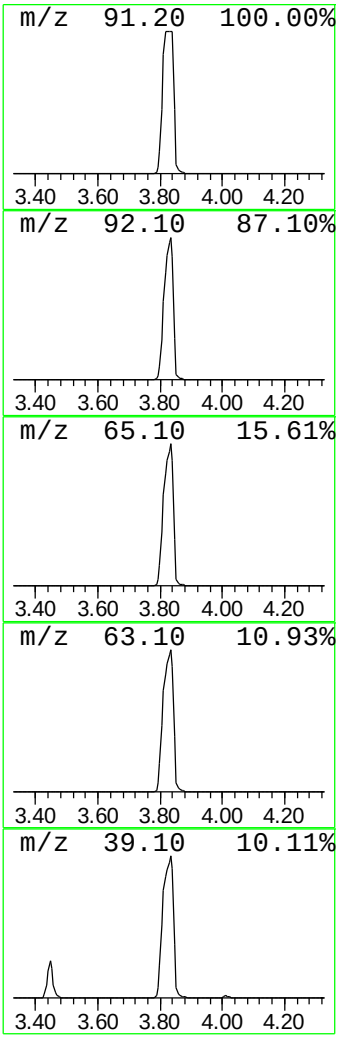
****

Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	3595.65 ng/ul	59453200	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





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Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

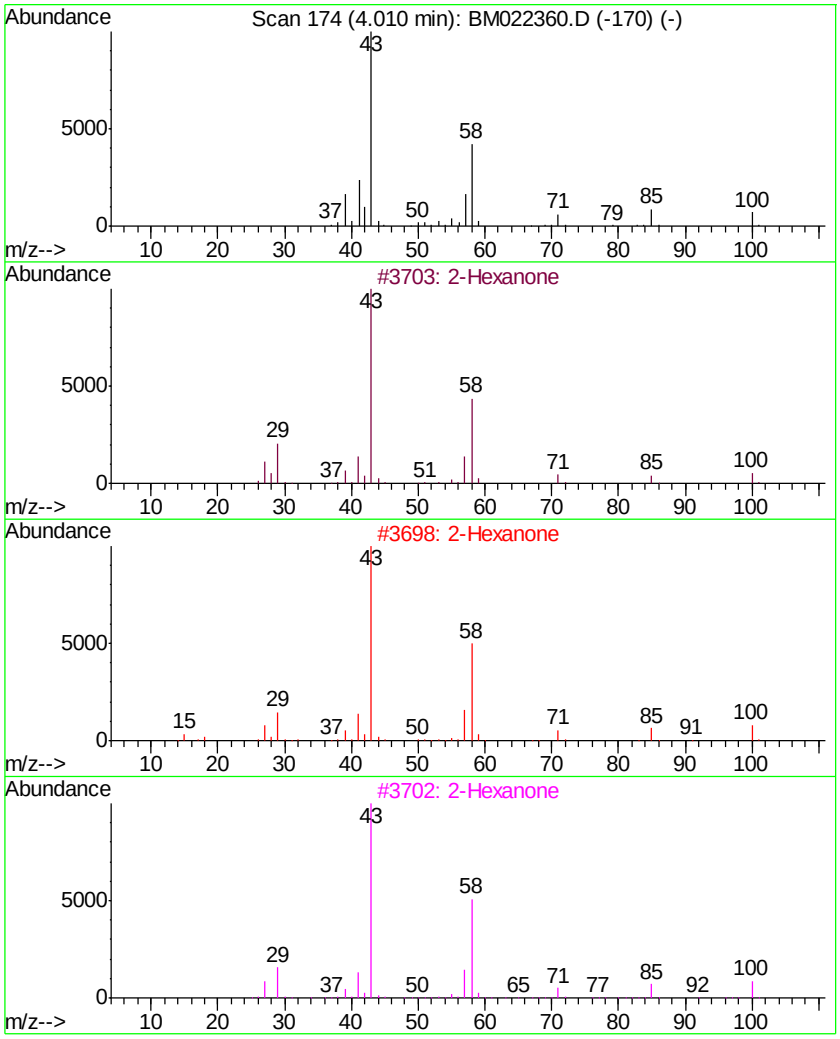
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

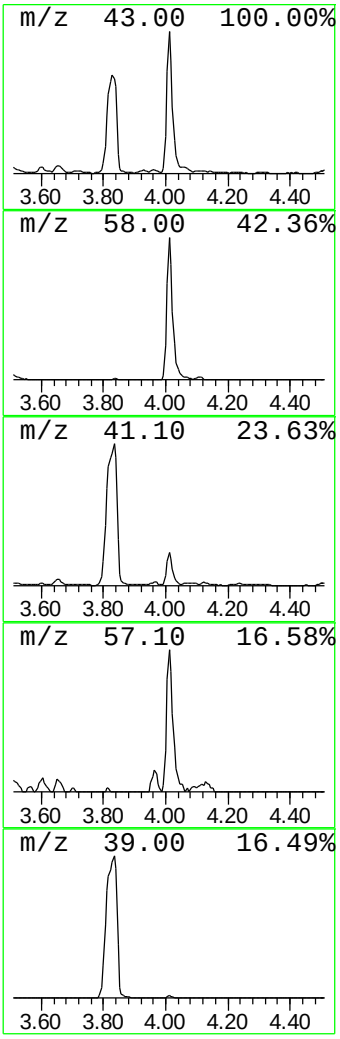
****

Peak Number 3 2-Hexanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	15.24 ng/ul	251918	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	86
2	2-Hexanone	100	C6H12O	000591-78-6	80
3	2-Hexanone	100	C6H12O	000591-78-6	80
4	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	72
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

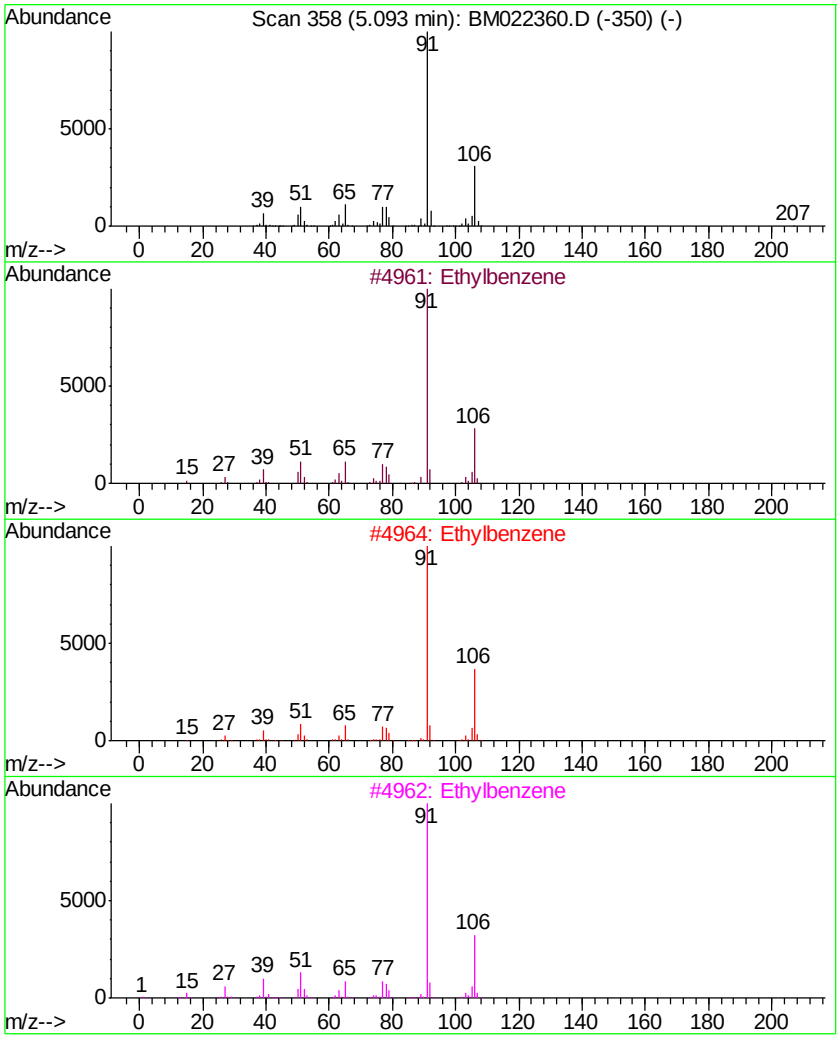
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

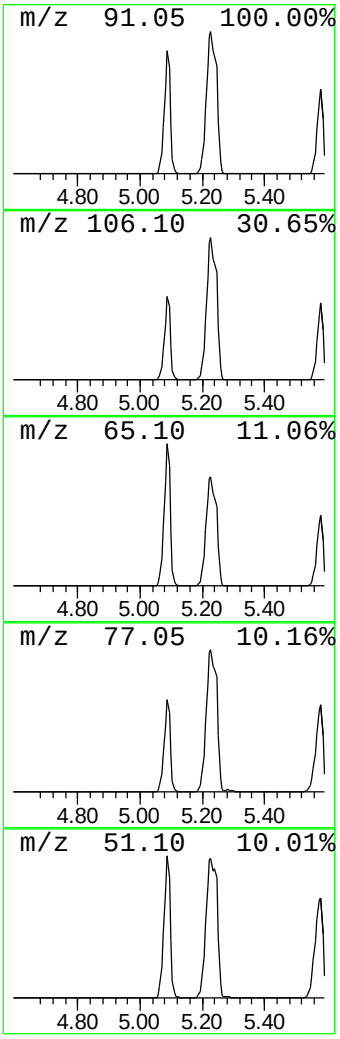
****

Peak Number 4 Ethylbenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	620.64 ng/ul	10262100	1,4-Dichlorobenzene-d4	7.55

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	o-Xylene	106	C8H10	000095-47-6	91
5	Ethylbenzene	106	C8H10	000100-41-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

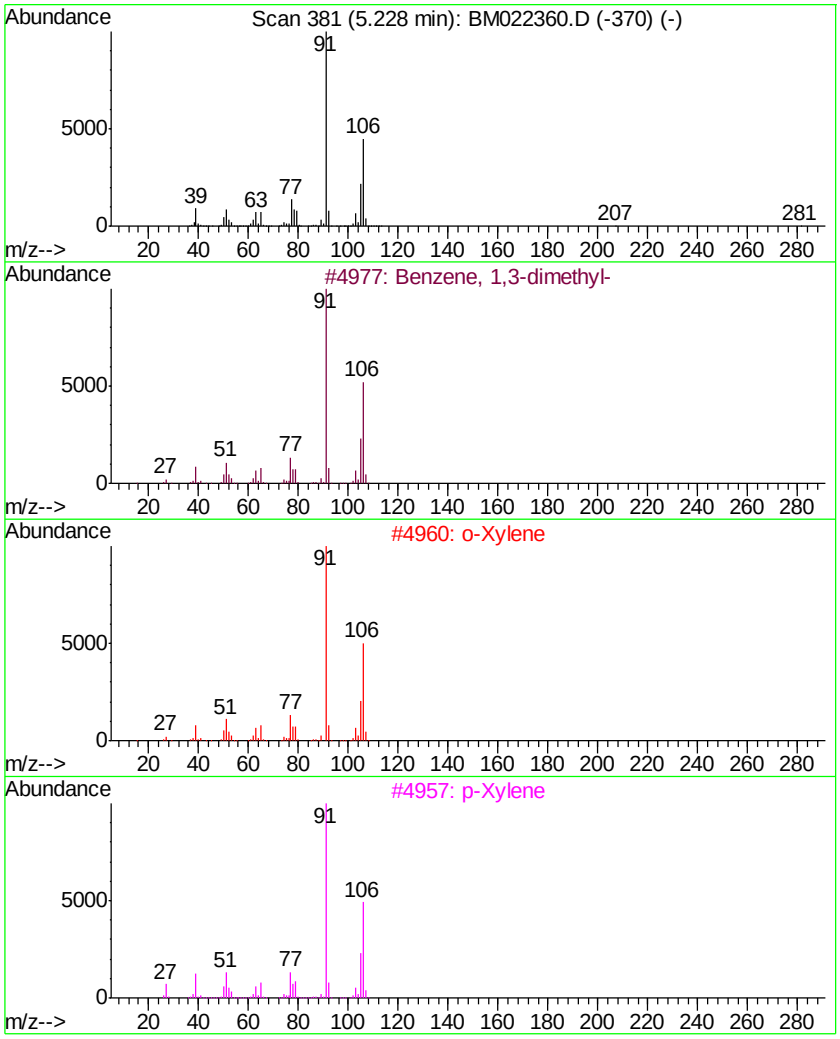
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

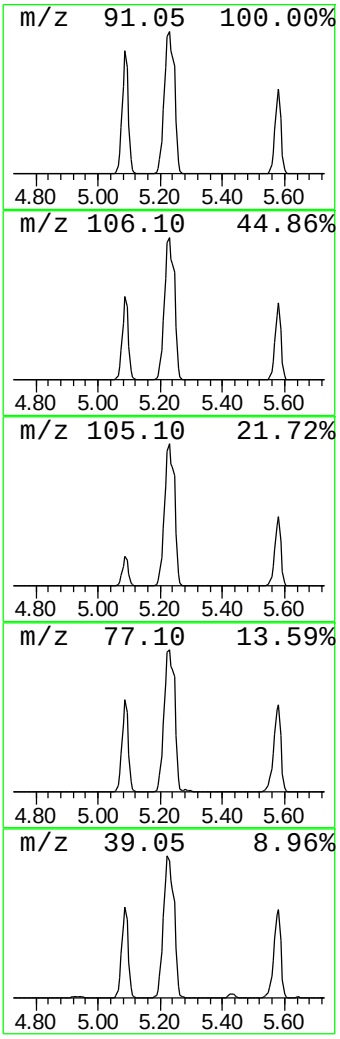
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	1451.41 ng/ul	23998700	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	94
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
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Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

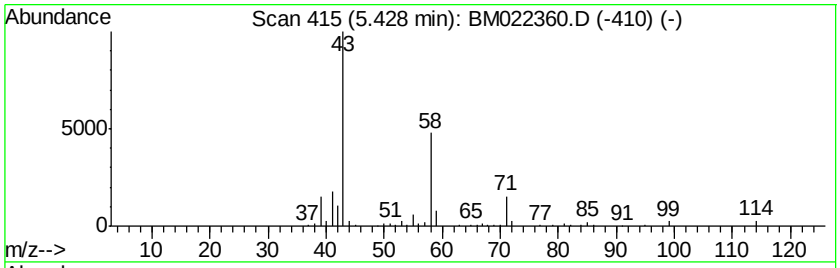
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

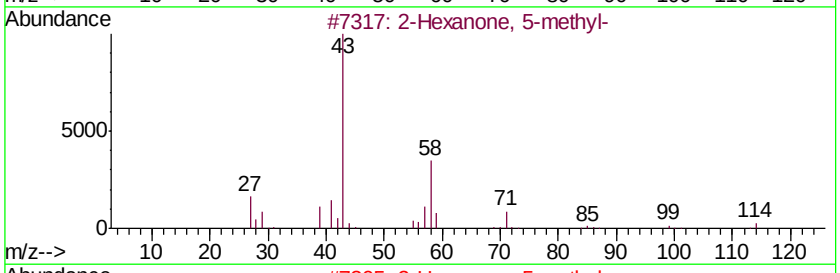
****

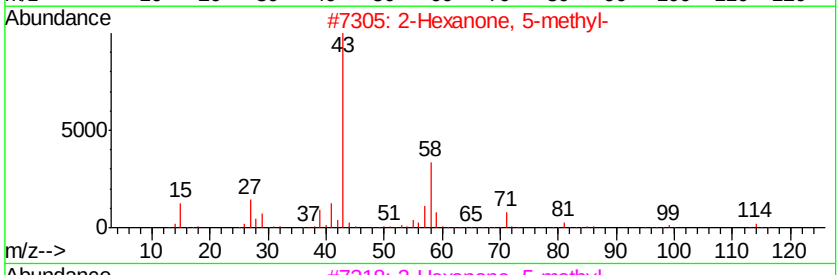
Peak Number 6 2-Hexanone, 5-methyl- Concentration Rank 21

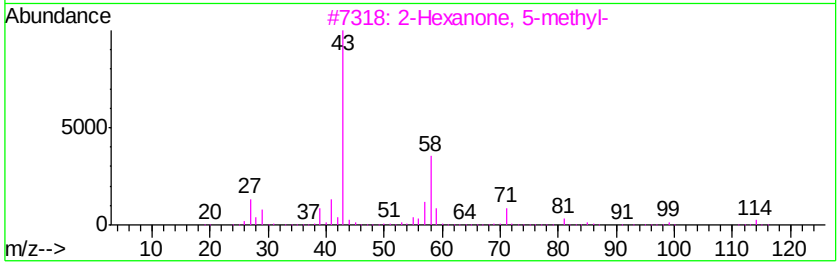
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	14.39 ng/ul	237976	1,4-Dichlorobenzene-d4	7.55

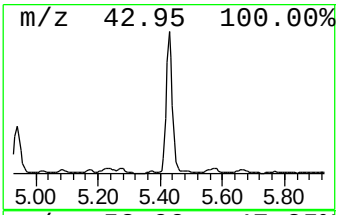
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	90
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	86
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	86
4	2-Heptanone	114	C7H14O	000110-43-0	83
5	2-Heptanone	114	C7H14O	000110-43-0	72

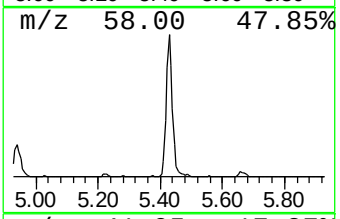


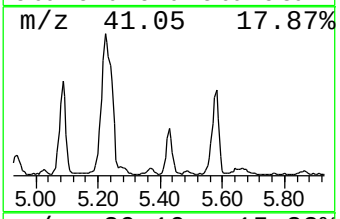


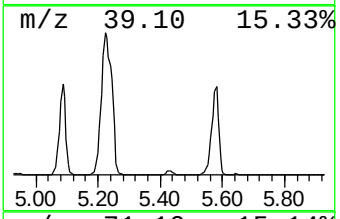


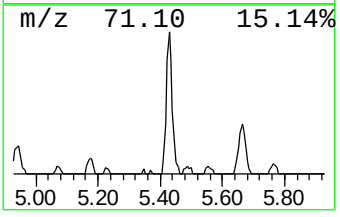












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Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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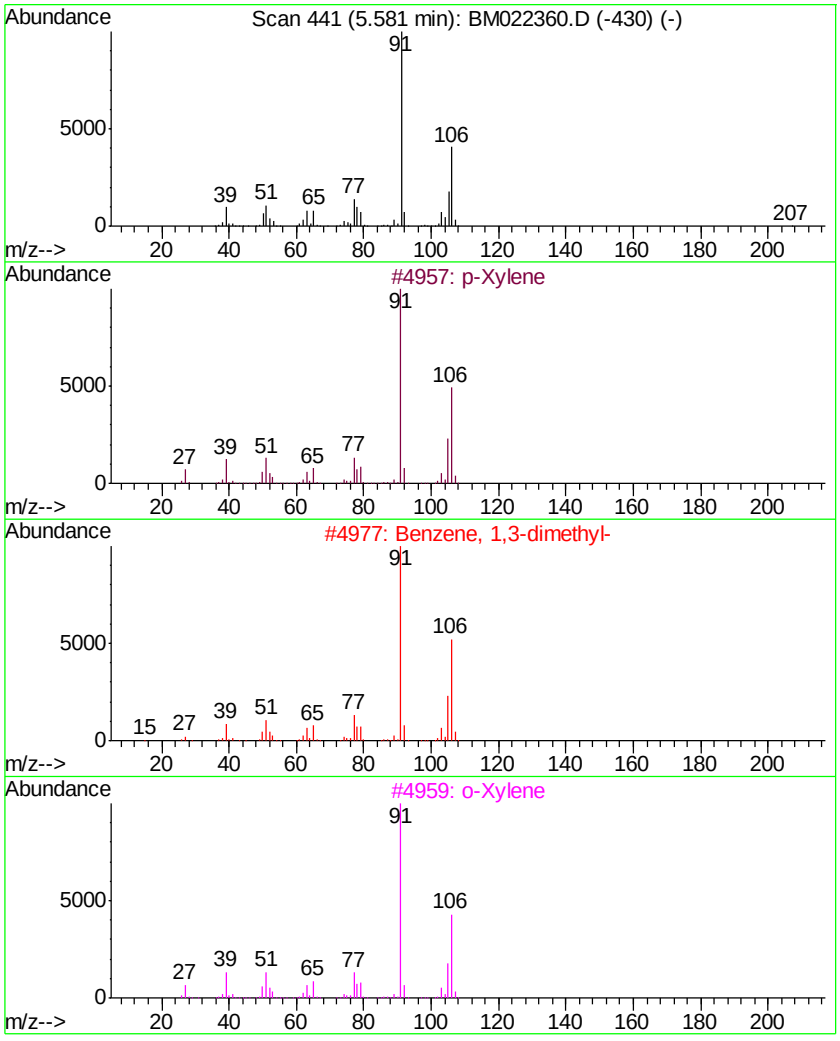
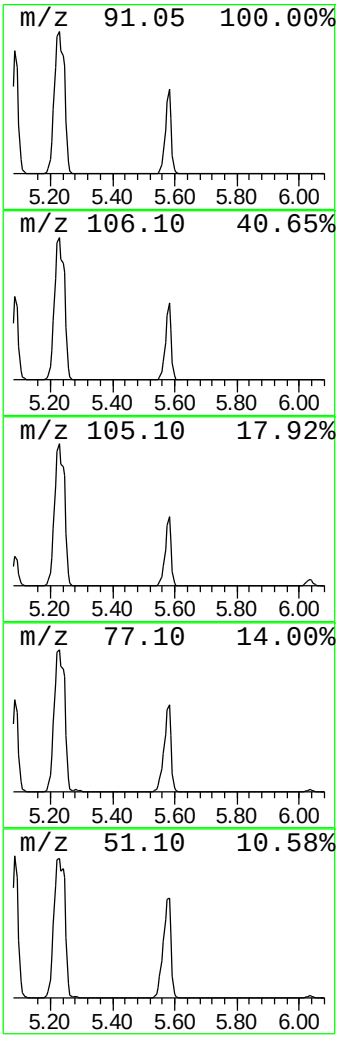
Peak Number 7 p-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	568.49 ng/ul	9399890	1,4-Dichlorobenzene-d4	7.55

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





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Quant Title : SVOA CALIBRATION

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

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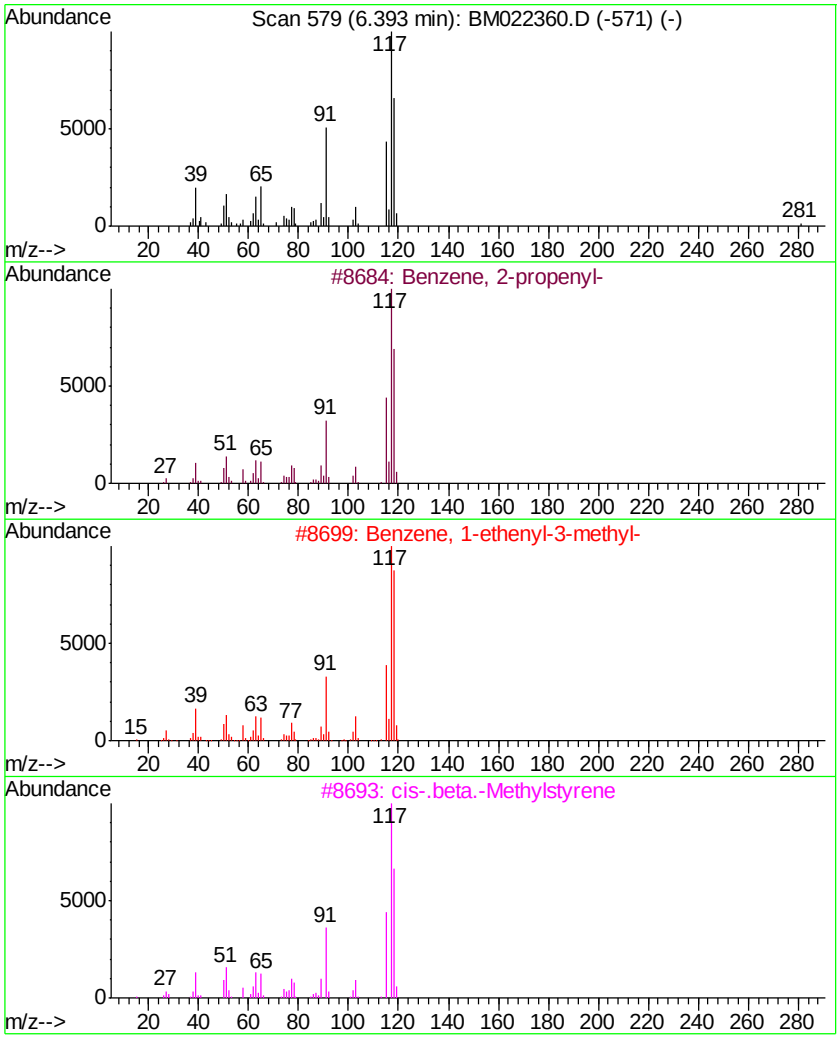
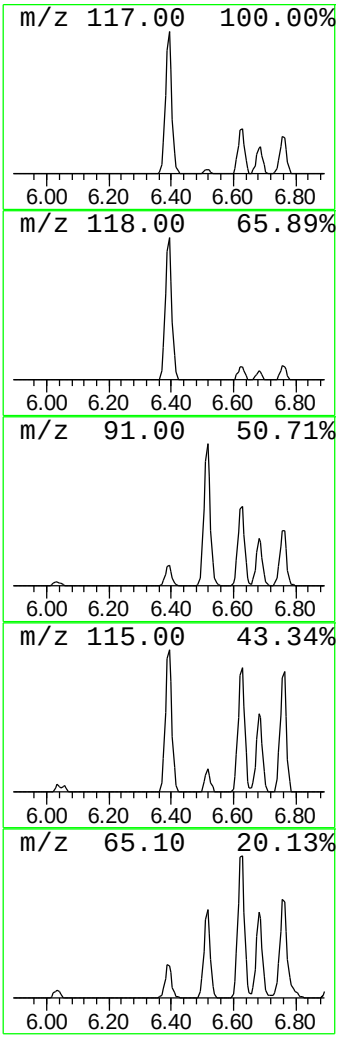
Peak Number 8 Benzene, 2-propenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	14.31 ng/ul	236660	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	92
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	92
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	86





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ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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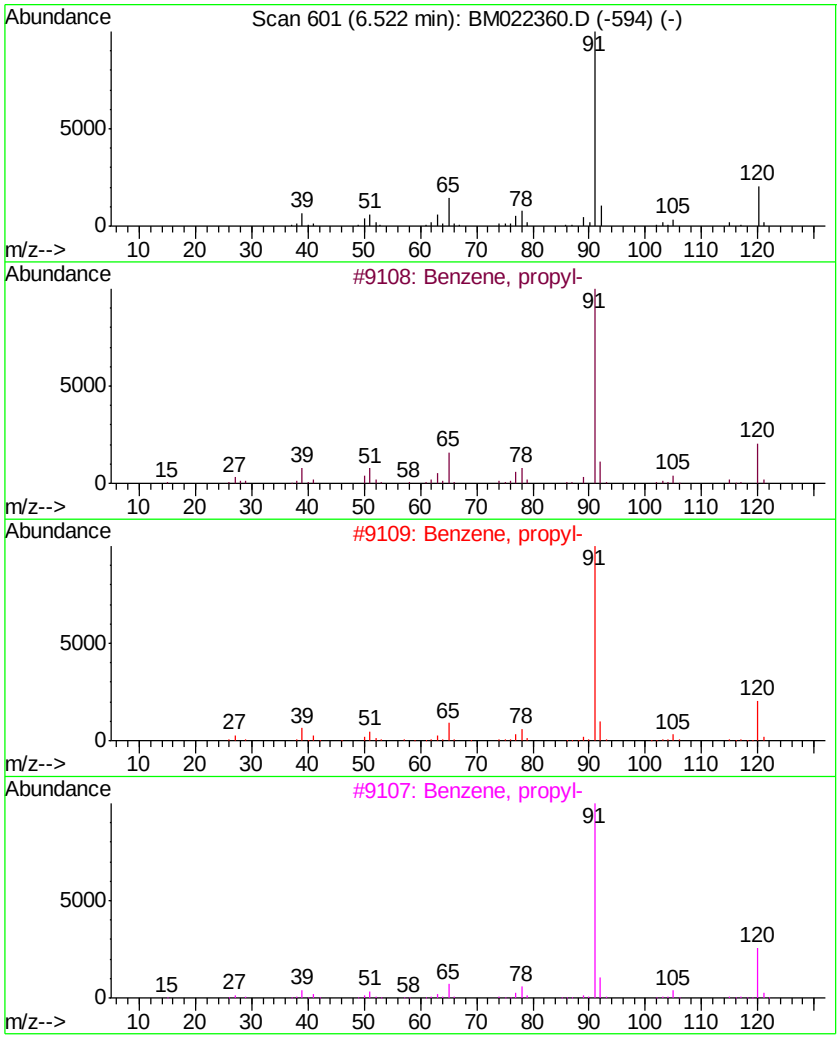
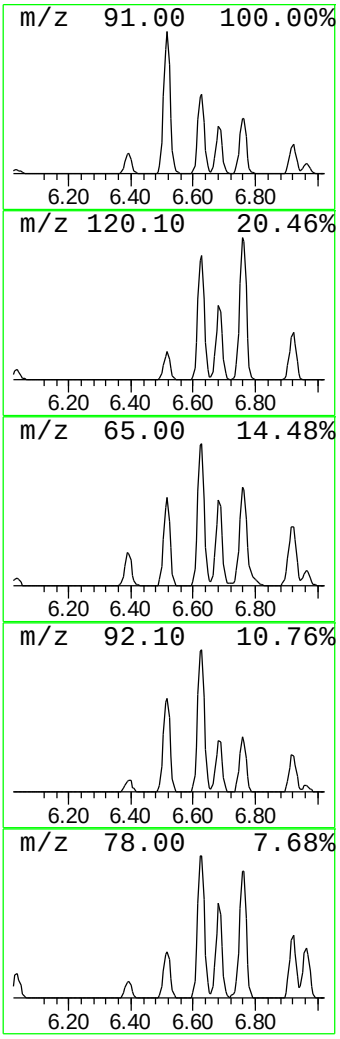
Peak Number 9 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	21.16 ng/ul	349957	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





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ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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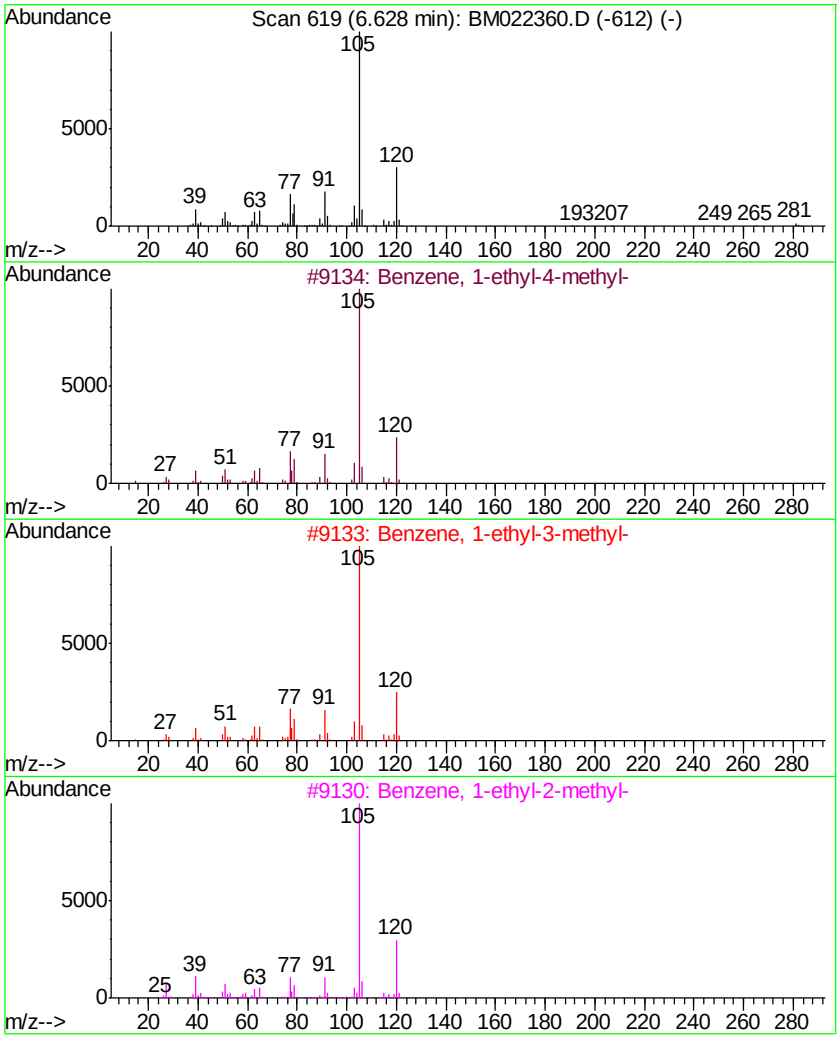
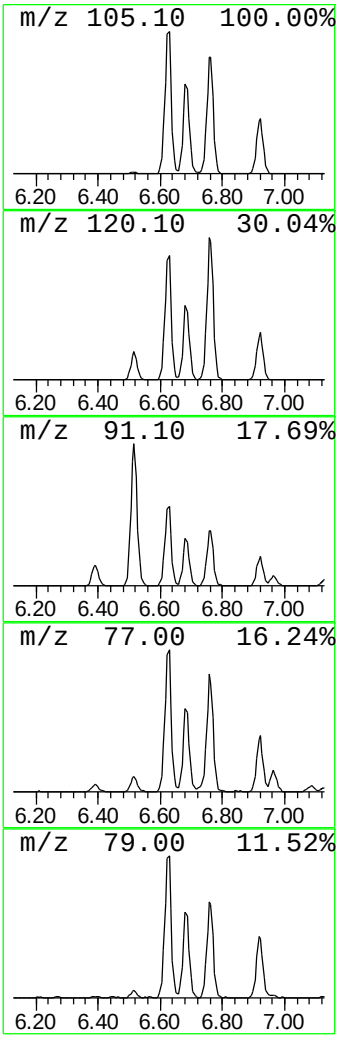
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	94.73 ng/ul	1566260	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90





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Misc :
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Quant Title : SVOA CALIBRATION

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

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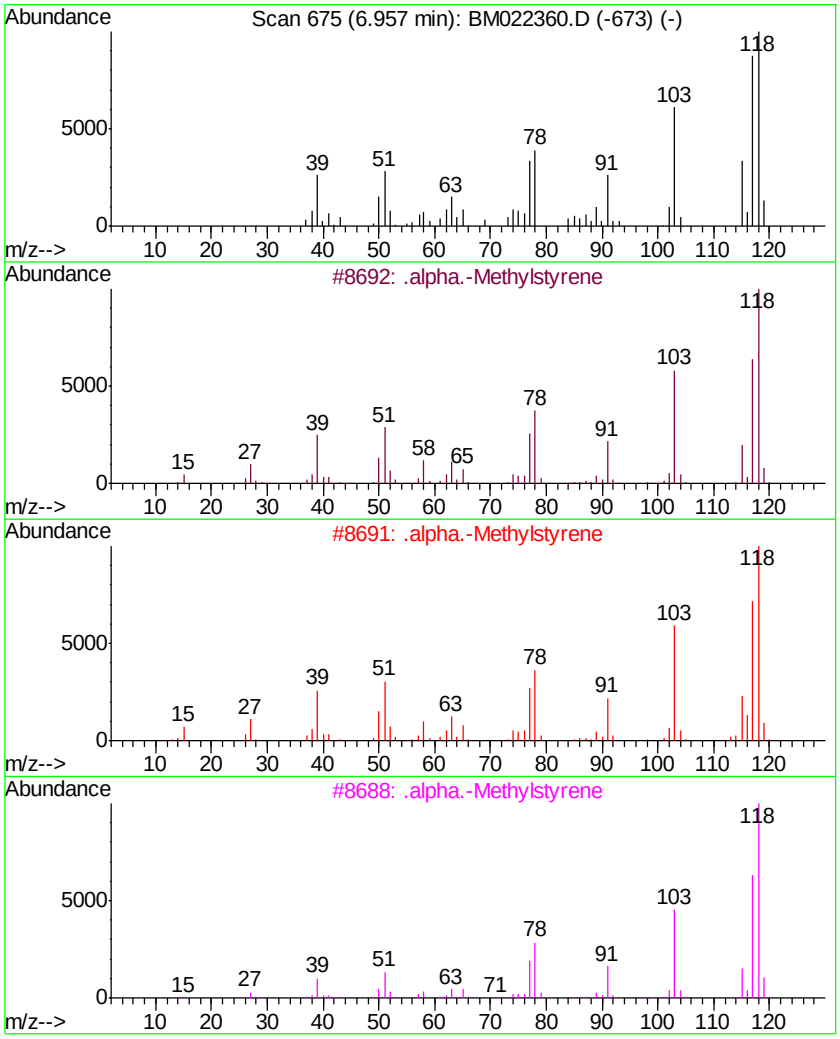
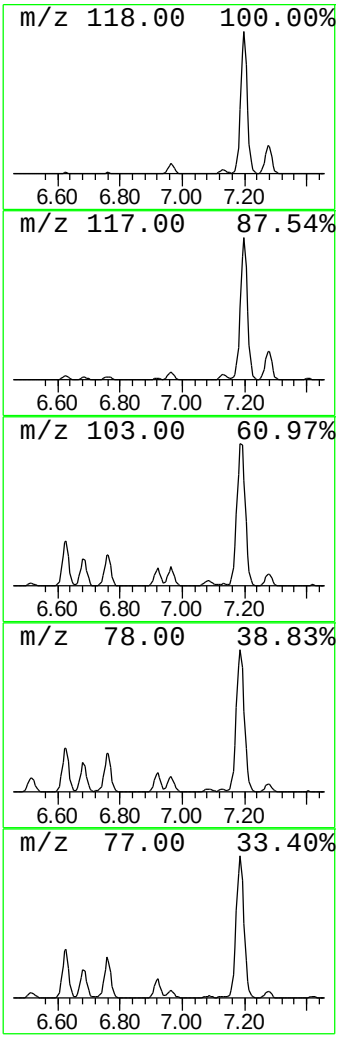
Peak Number 12 .alpha.-Methylstyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	14.93 ng/ul	246790	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	89
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	80
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	62
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53





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Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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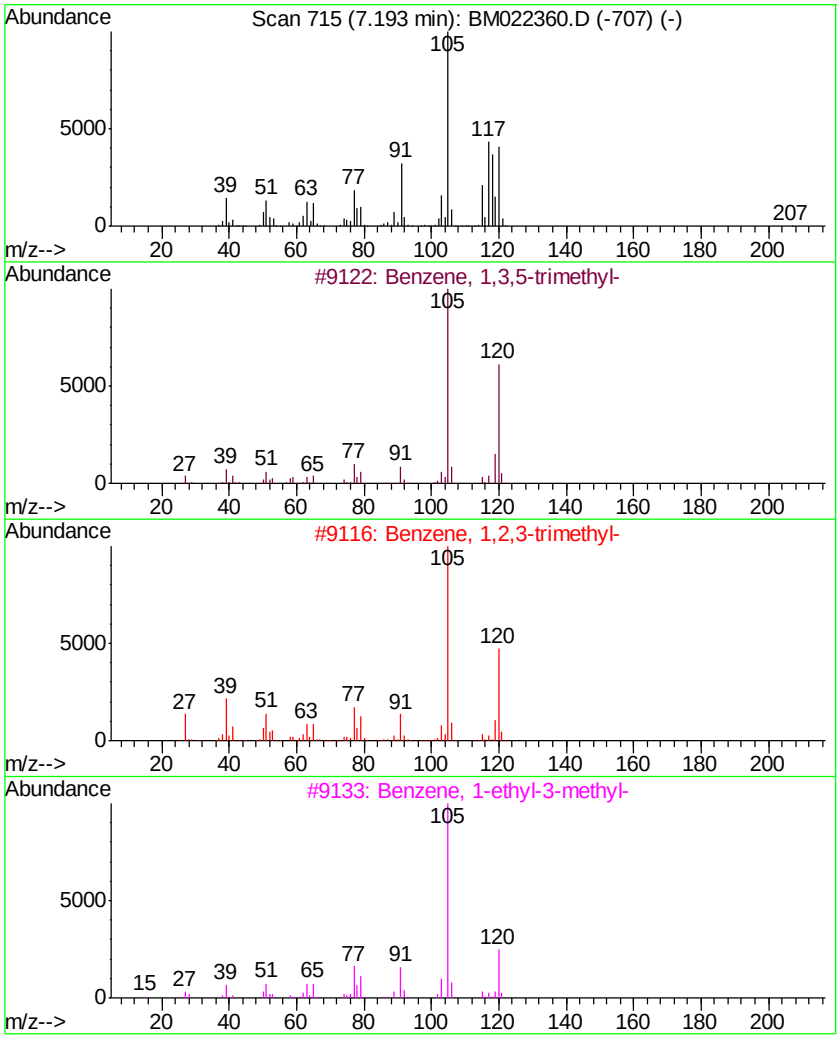
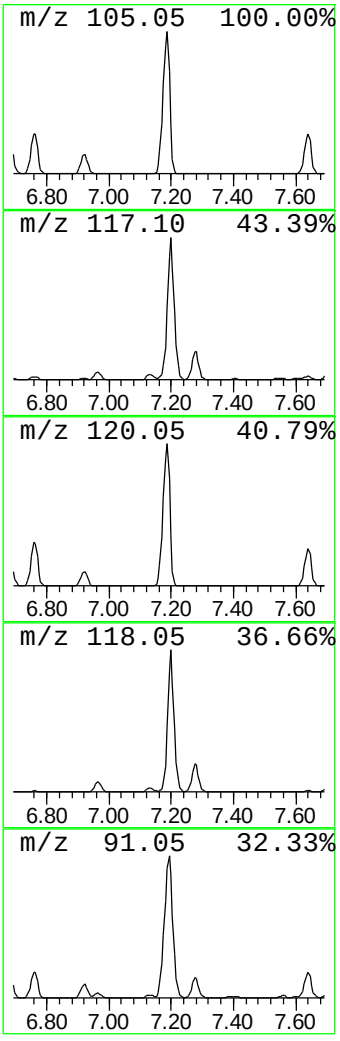
Peak Number 13 Benzene, 1,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	433.82 ng/ul	7173180	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
4	2,4-Nonadiyne	120	C9H12	063621-15-8	70
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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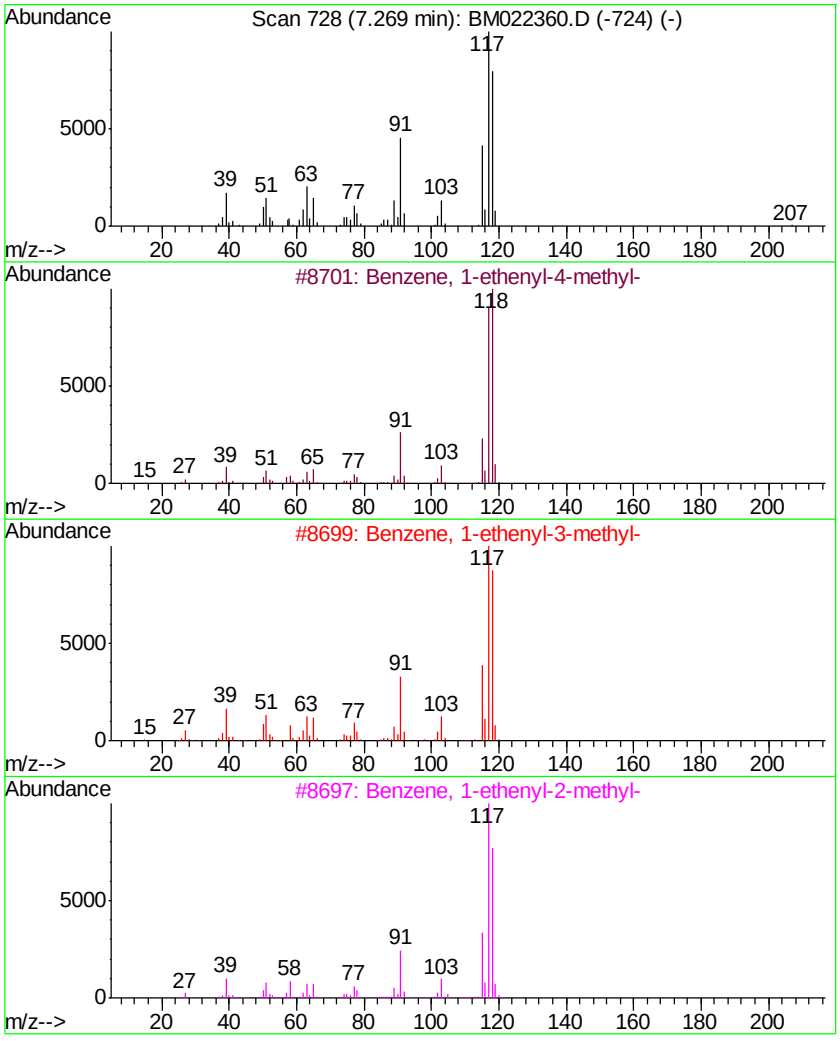
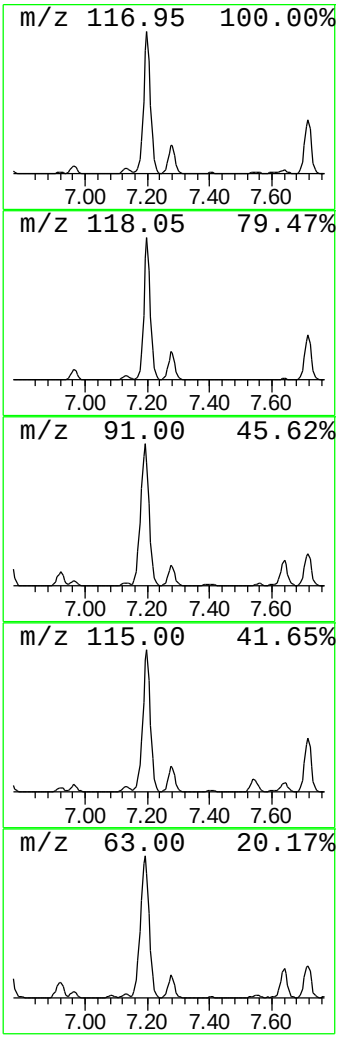
Peak Number 14 Benzene, 1-ethenyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	32.75 ng/ul	541575	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93





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Quant Title : SVOA CALIBRATION

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

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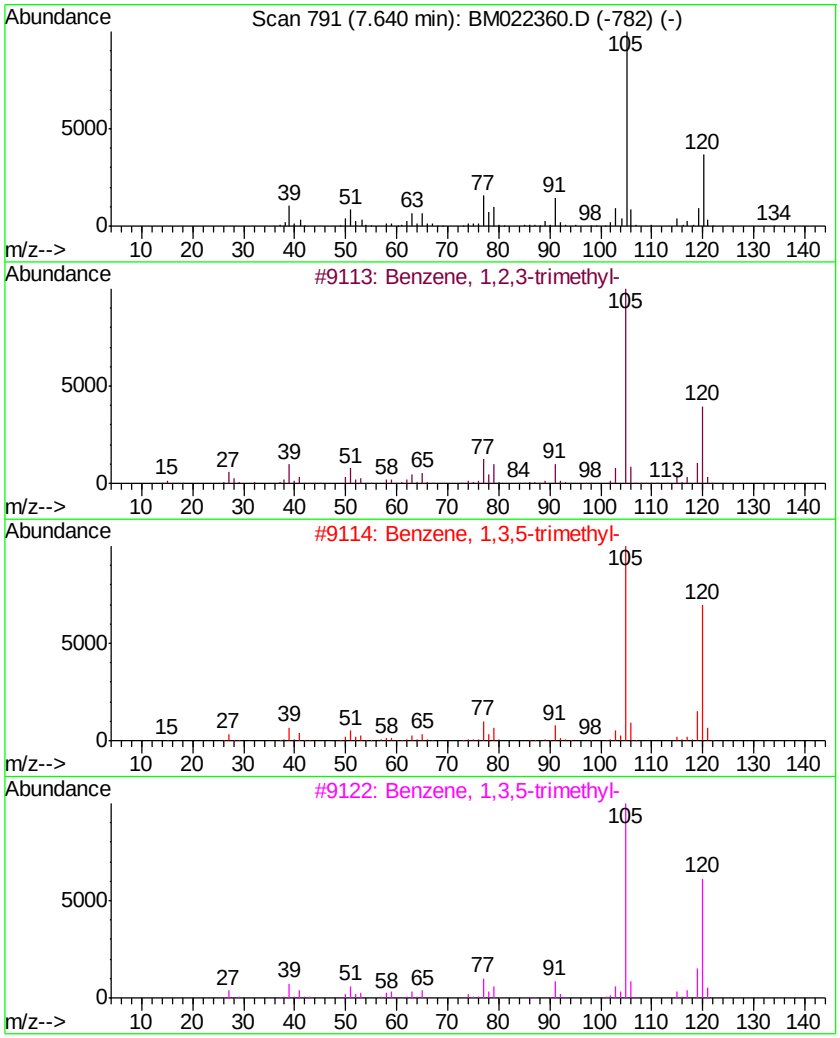
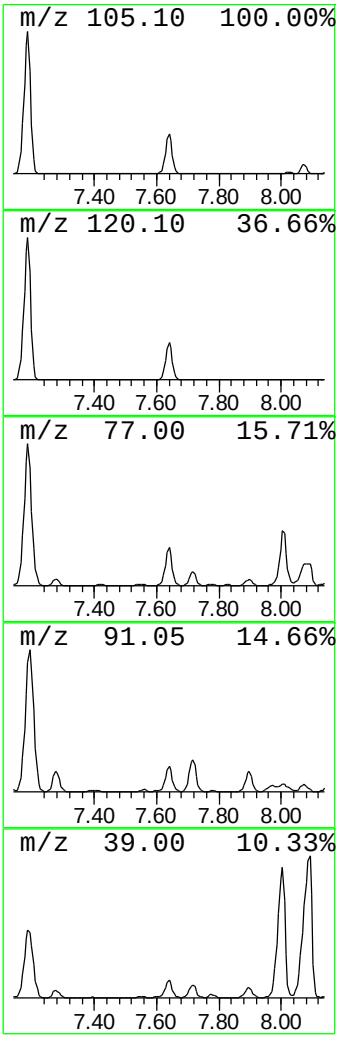
Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	84.04 ng/ul	1389510	1,4-Dichlorobenzene-d4	7.55

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	94
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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Quant Title : SVOA CALIBRATION

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

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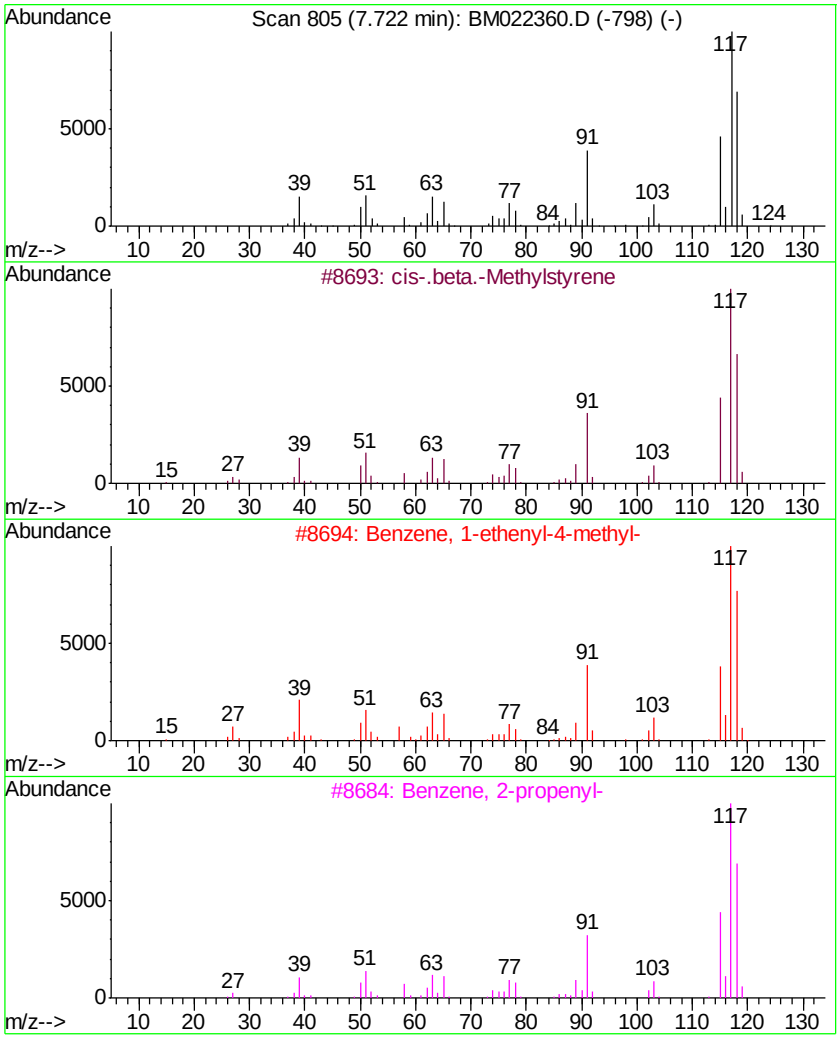
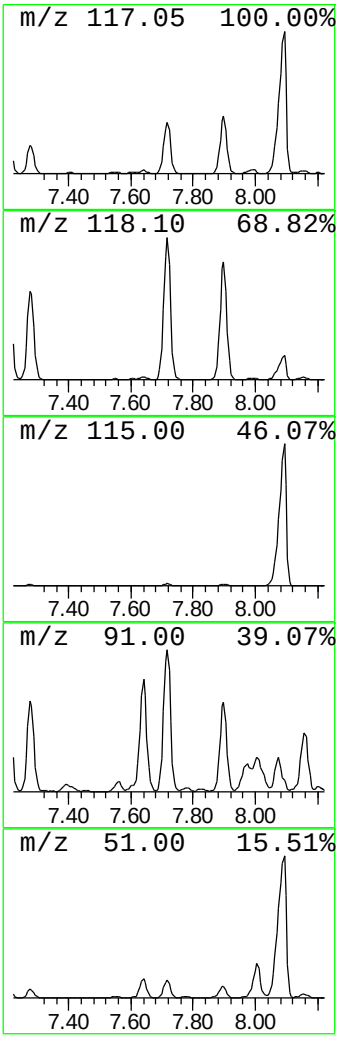
Peak Number 16 cis-.beta.-Methylstyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	59.17 ng/ul	978391	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	97
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	96
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94





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Quant Title : SVOA CALIBRATION

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

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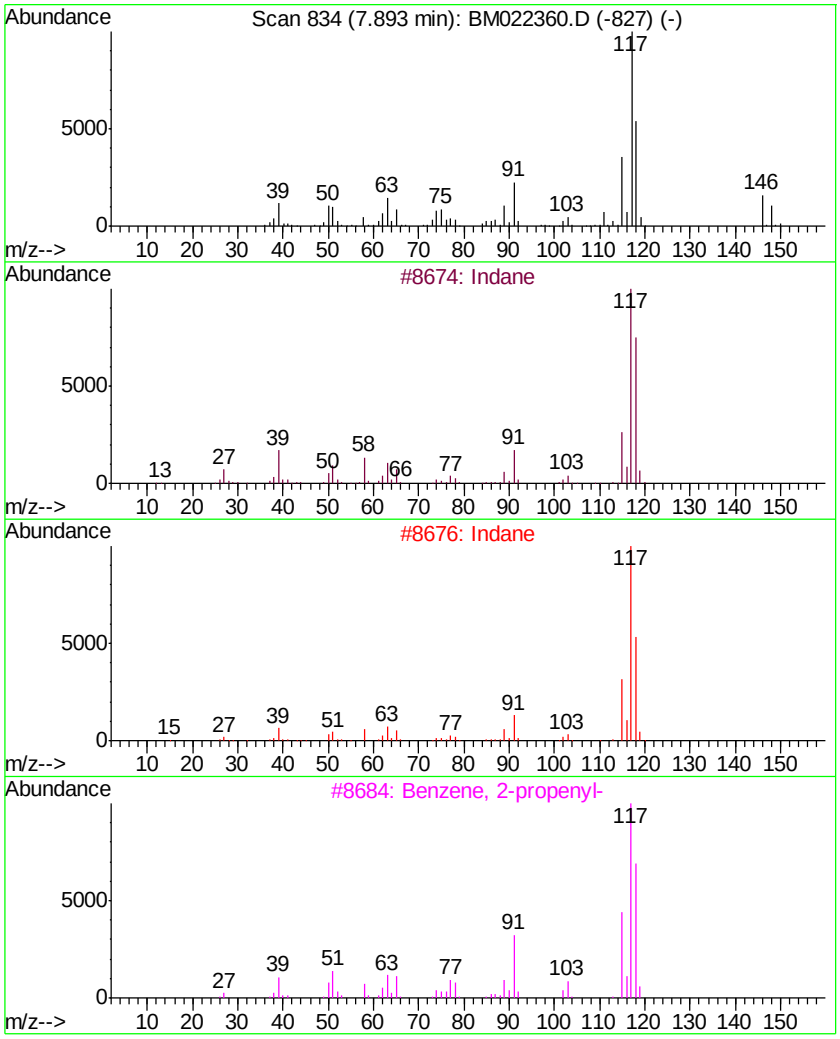
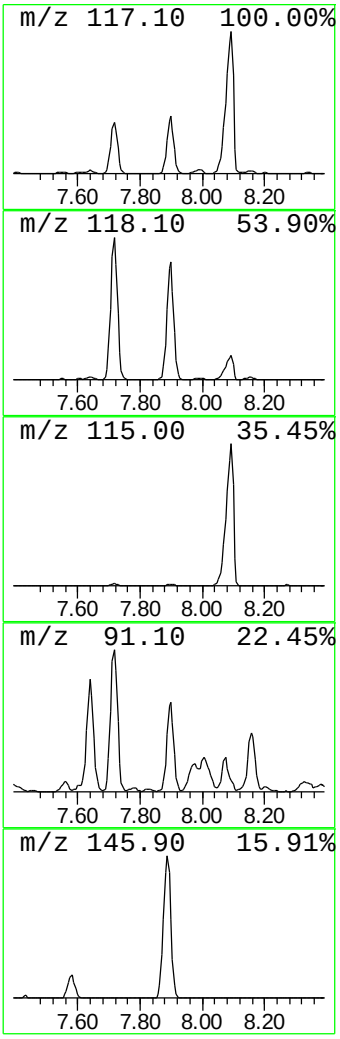
Peak Number 17 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	64.07 ng/ul	1059380	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5	Deltacyclene	118	C9H10	007785-10-6	53





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Operator : HP/JU
Sample : K4414-06
Misc :
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Instrument : BNA_M
ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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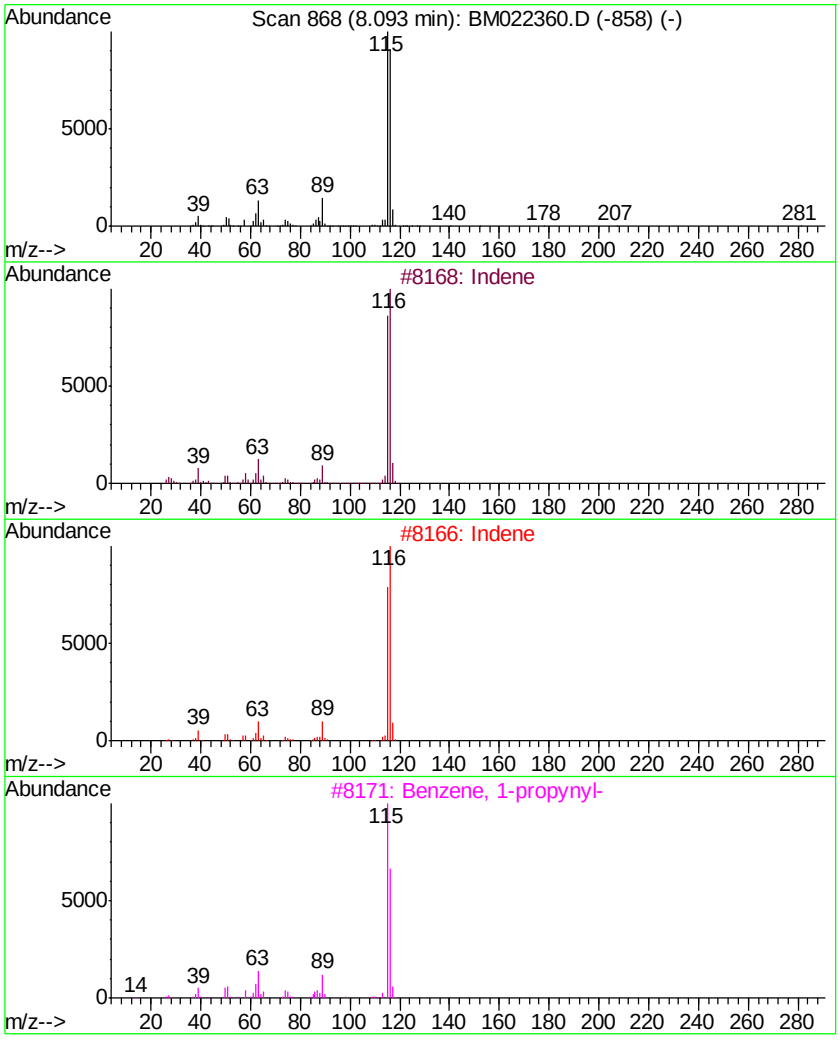
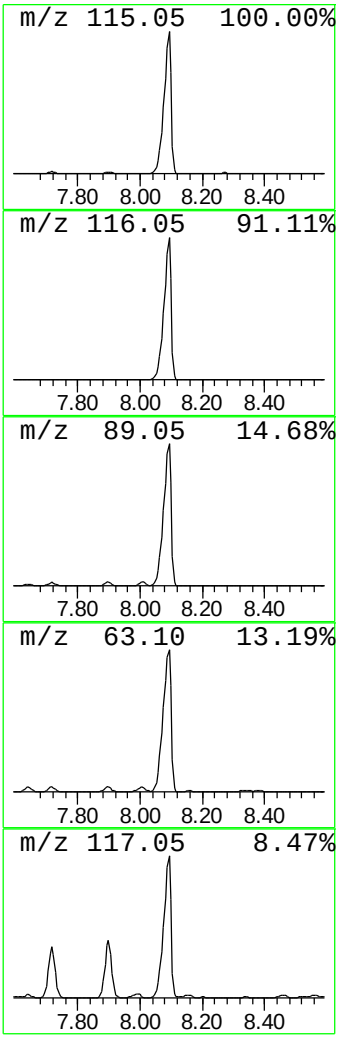
Peak Number 18 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	1377.87 ng/ul	22782700	1,4-Dichlorobenzene-d4	7.55

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-propynyl-	116	C9H8	000673-32-5	91





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Instrument : BNA_M
ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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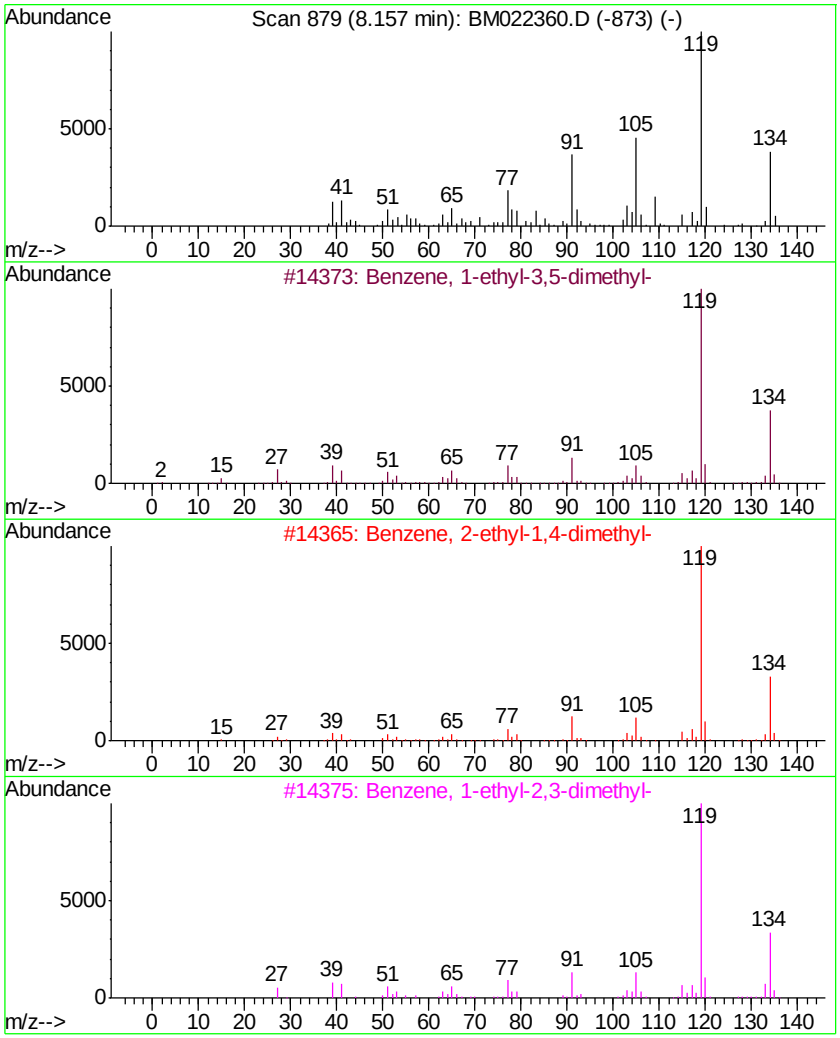
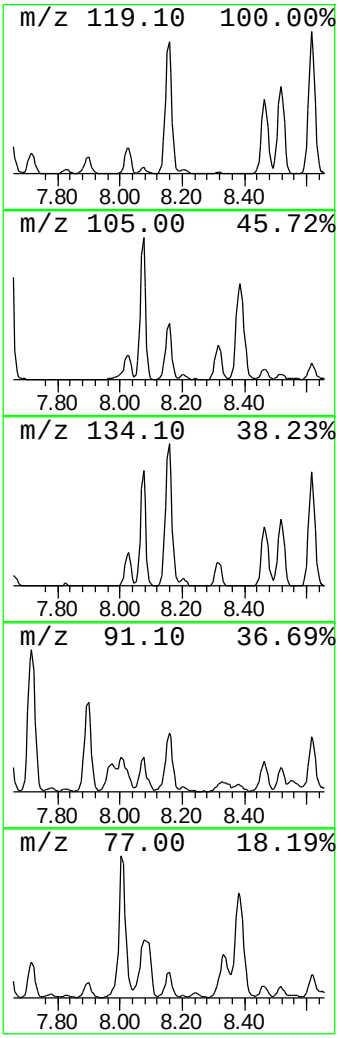
Peak Number 19 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	26.75 ng/ul	442318	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Instrument : BNA_M
ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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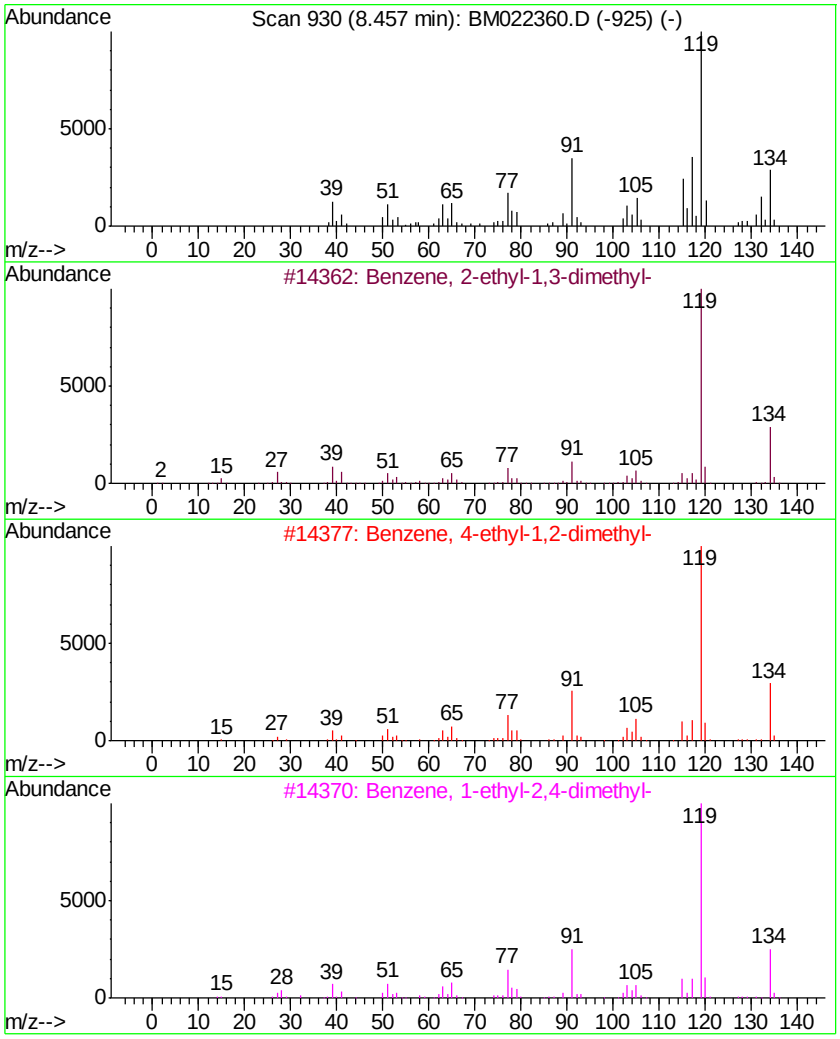
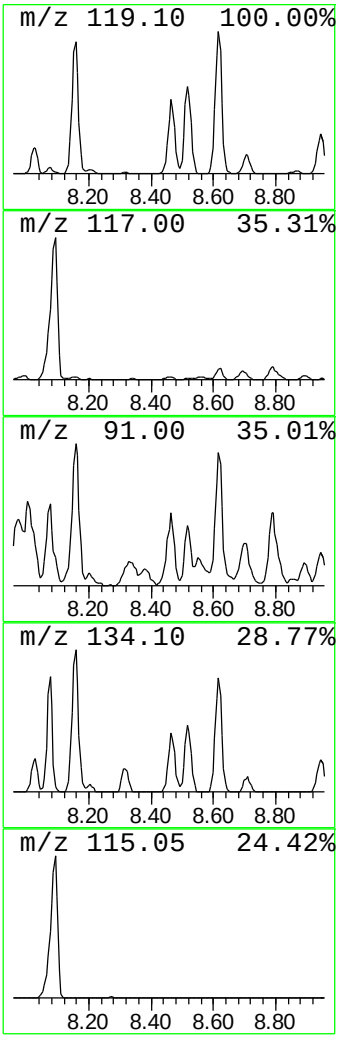
Peak Number 20 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	13.09 ng/ul	216371	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





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Instrument : BNA_M
ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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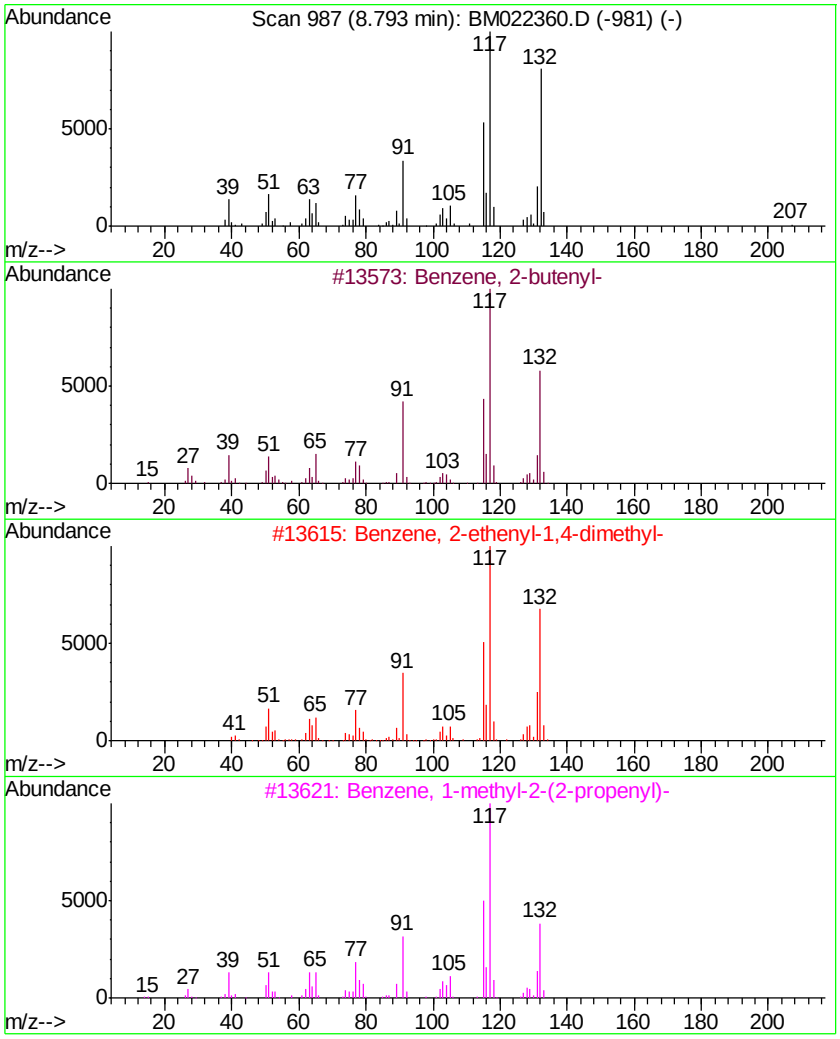
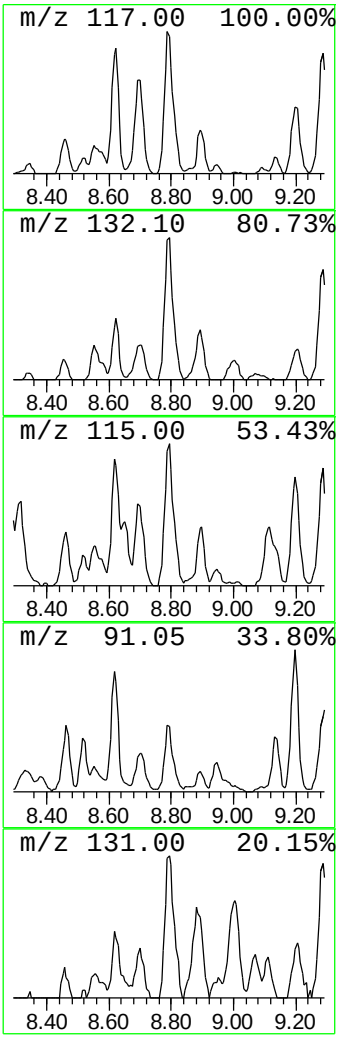
Peak Number 22 Benzene, 2-butenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	22.38 ng/ul	370005	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	96
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94





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Quant Title : SVOA CALIBRATION

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

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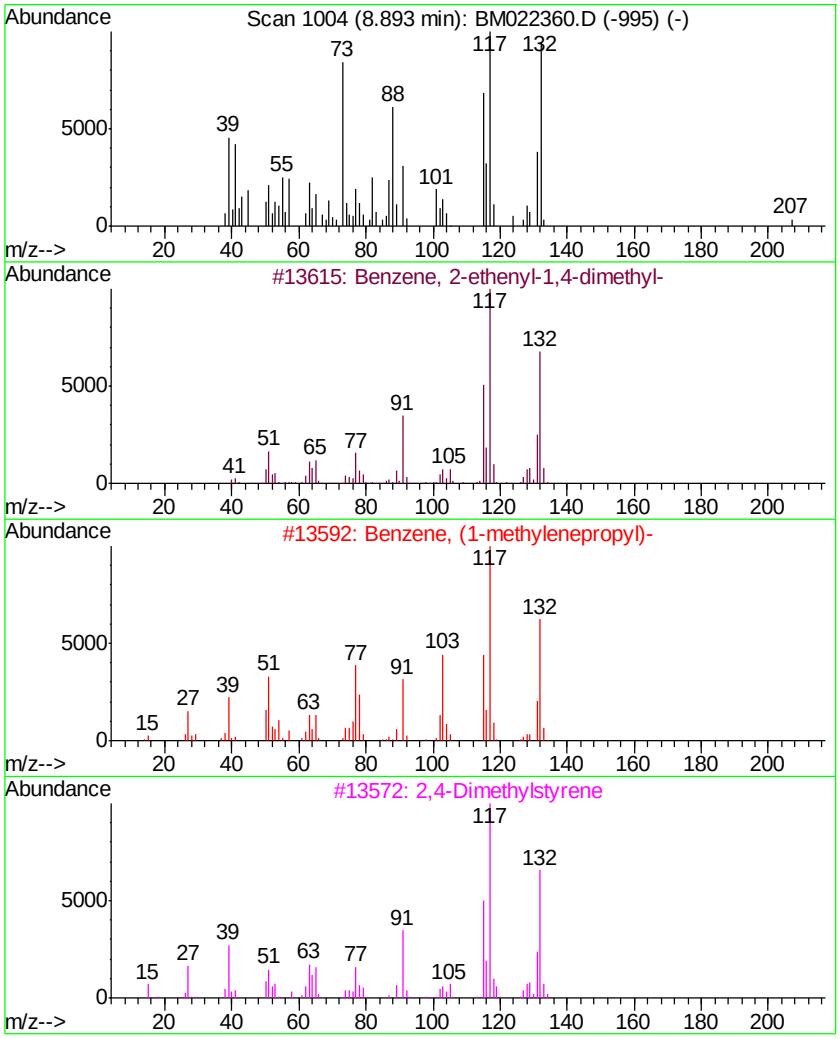
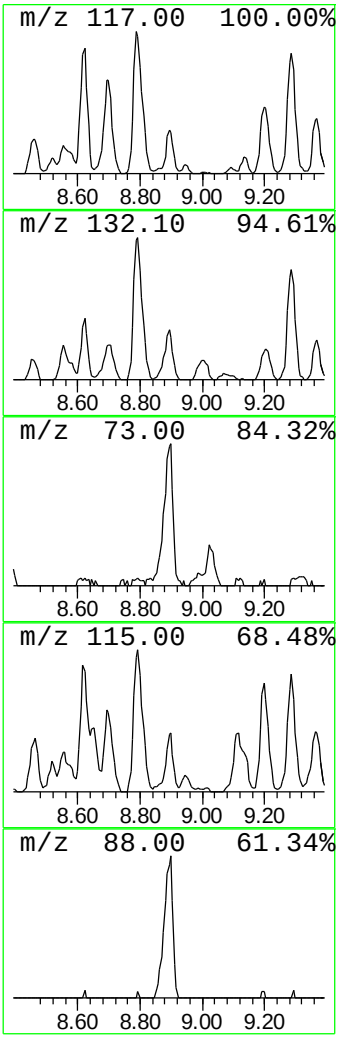
Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	12.21 ng/ul	201939	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	68
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	60





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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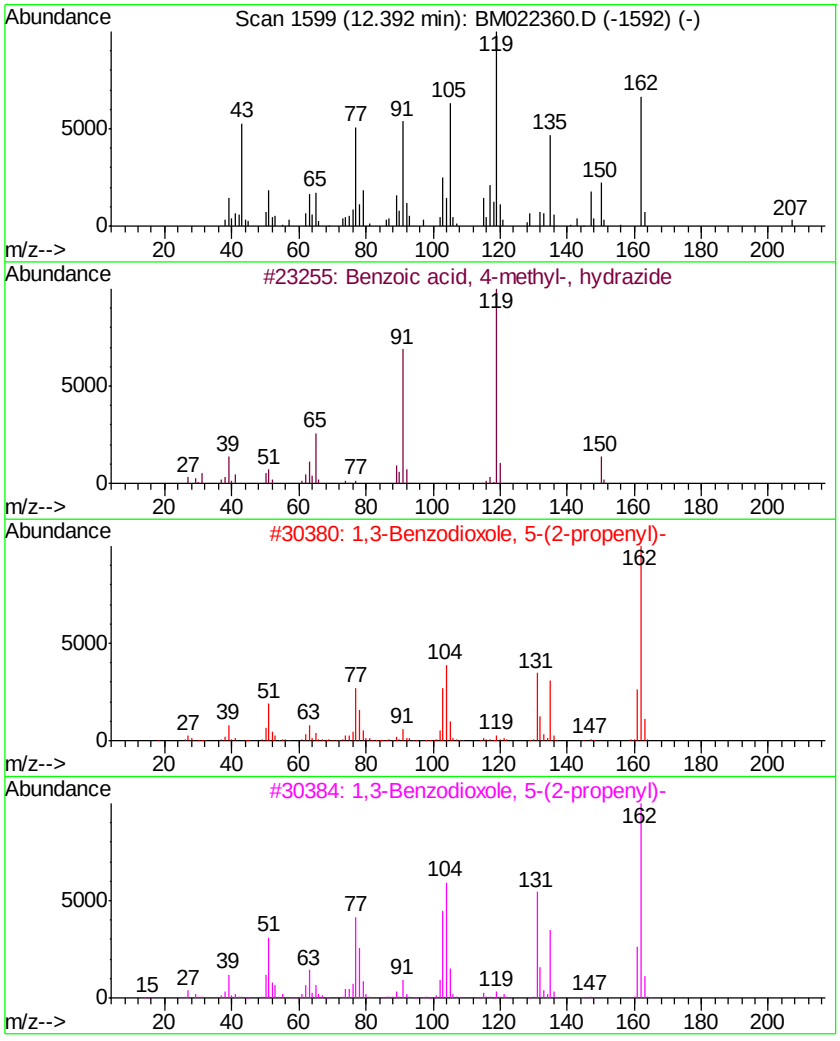
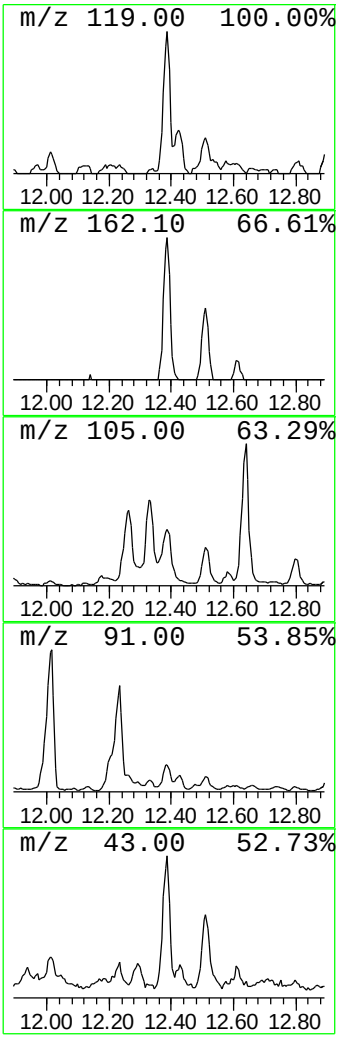
Peak Number 24 Benzoic acid, 4-methyl-, hy... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.97 ng/ul	211666	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-, hydrazide	150	C8H10N2O	003619-22-5	74
2	1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	45
3	1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	38
4	Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	38
5	3(2H)-Benzofuranone, 6,7-dimethyl-	162	C10H10O2	020895-47-0	38





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Instrument : BNA_M
ClientSampleId : ETJQ9

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Quant Title : SVOA CALIBRATION

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

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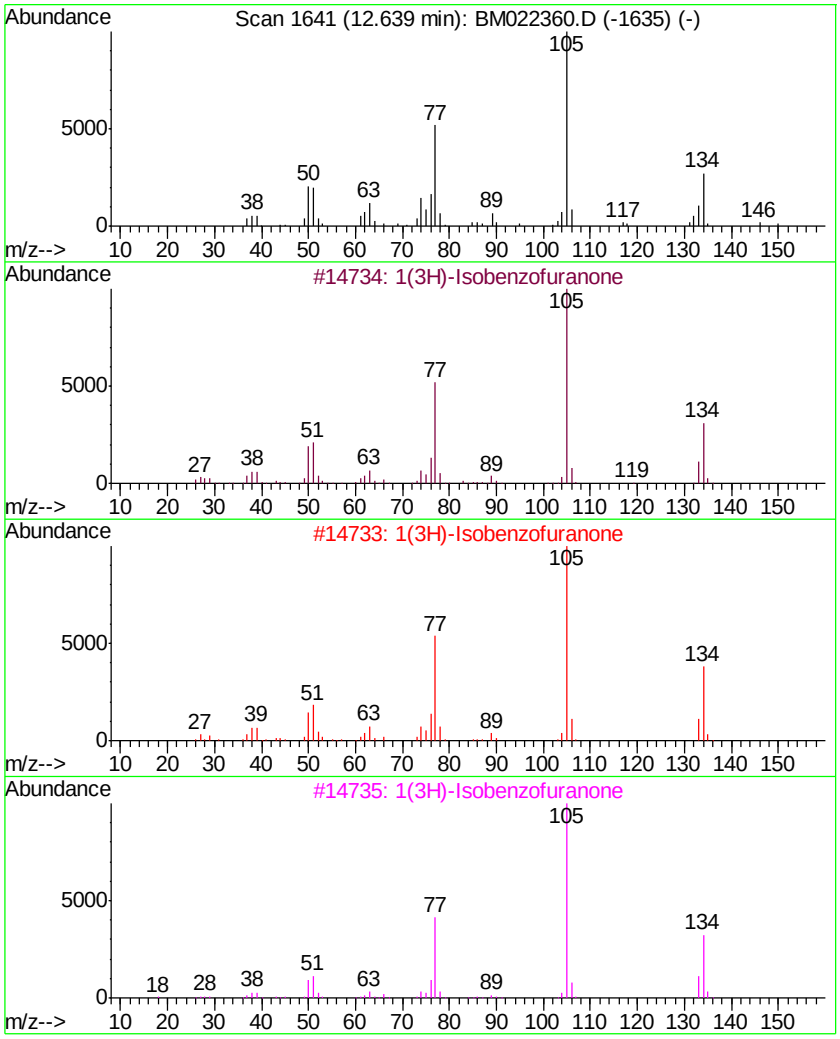
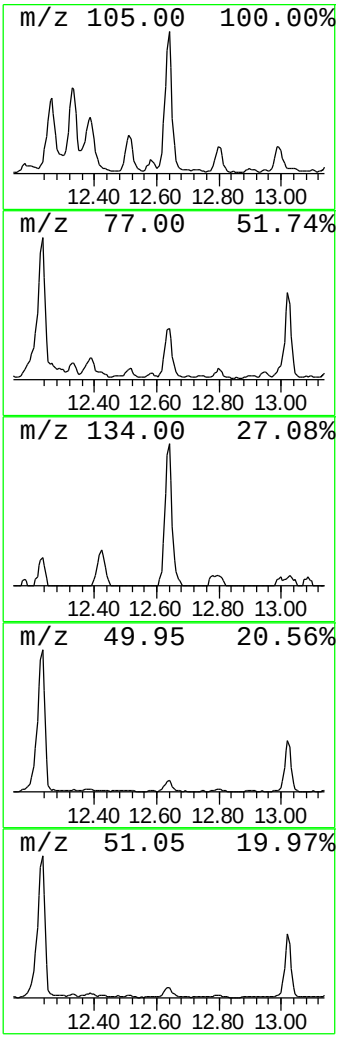
Peak Number 25 1(3H)-Isobenzofuranone Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.98 ng/ul	254299	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	97
2	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	90
3	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	87
4	3H-Indazol-3-one, 1,2-dihydro-	134	C7H6N2O	007364-25-2	64
5	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	53





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Quant Title : SVOA CALIBRATION

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

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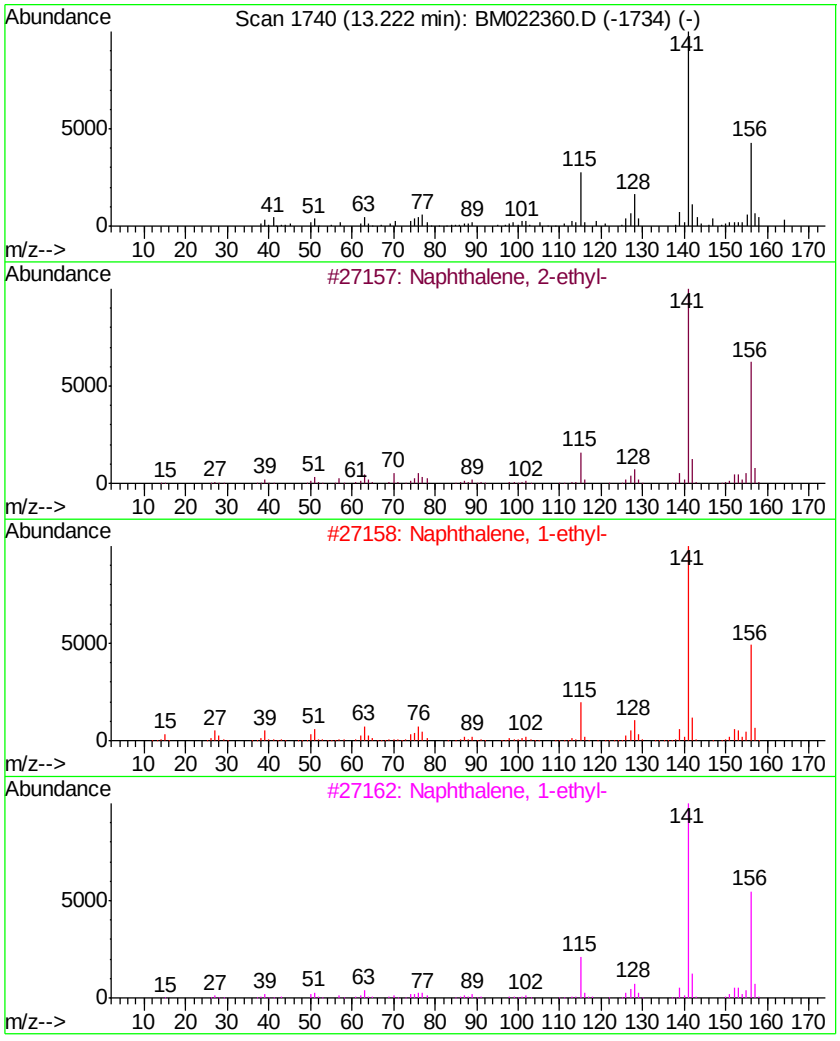
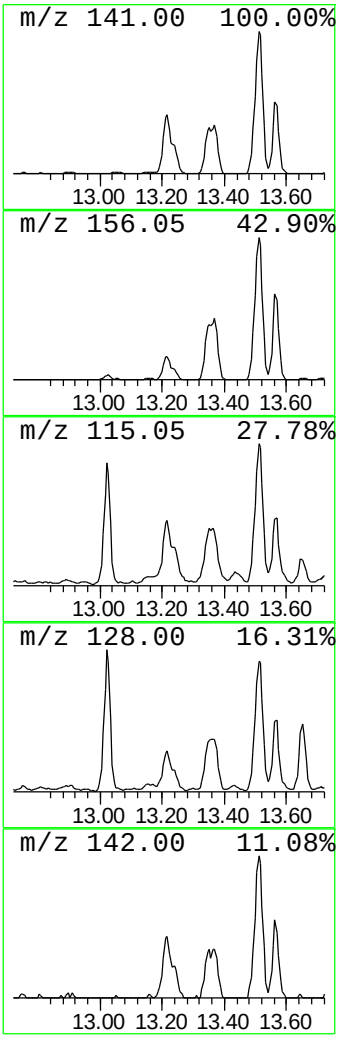
Peak Number 26 Naphthalene, 1-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.72 ng/ul	200697	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87





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Quant Title : SVOA CALIBRATION

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

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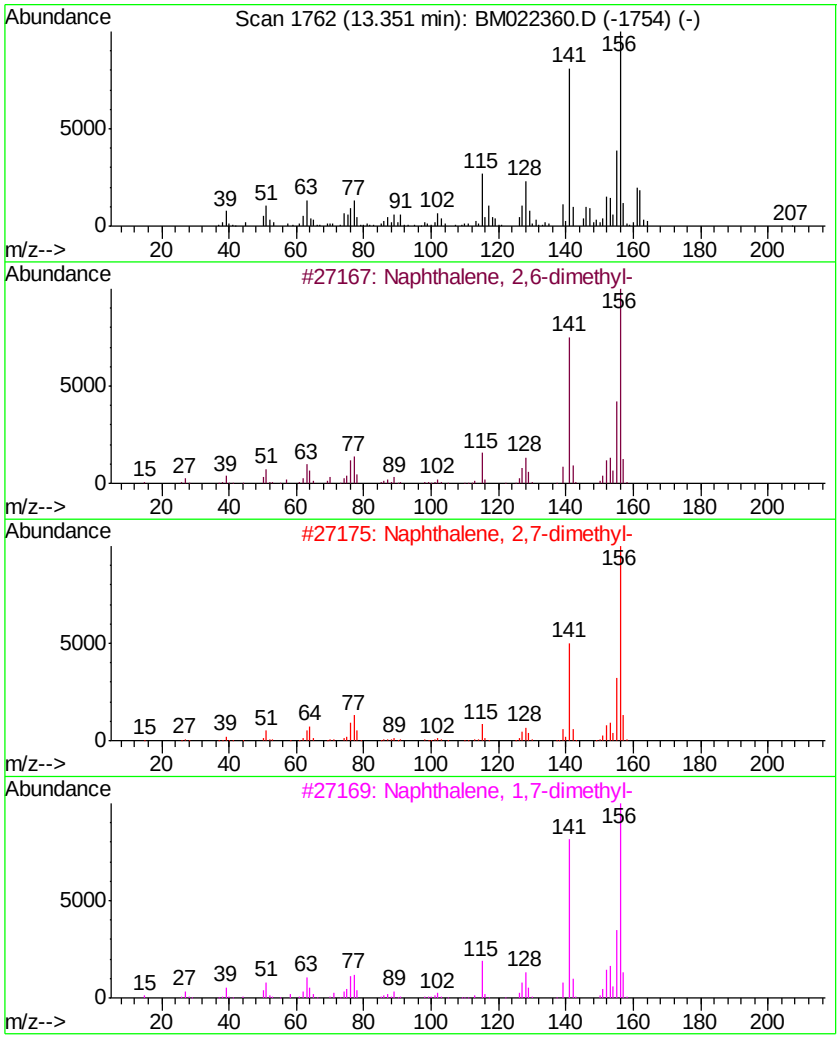
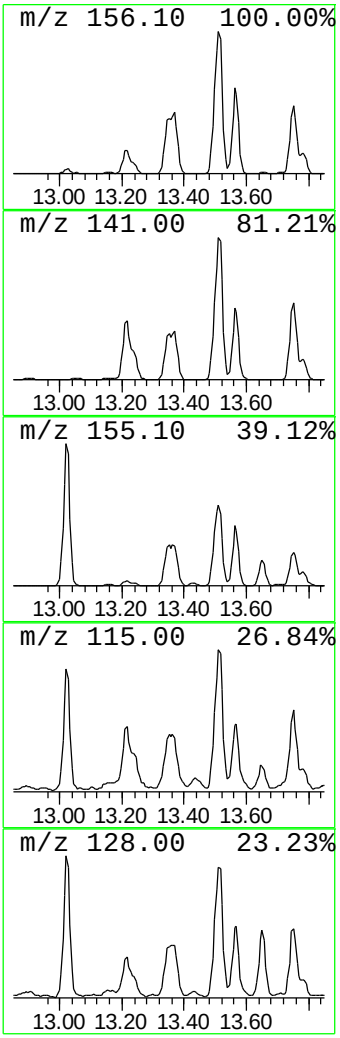
Peak Number 27 Naphthalene, 2,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	10.86 ng/ul	461862	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Quant Title : SVOA CALIBRATION

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

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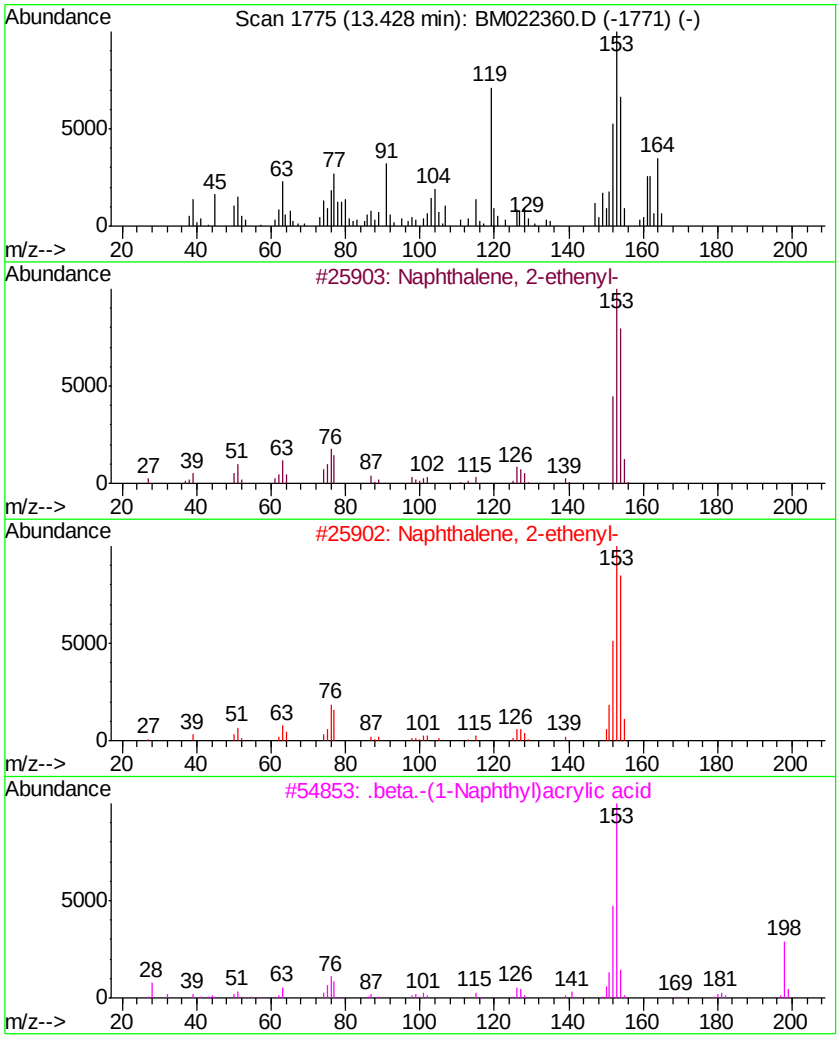
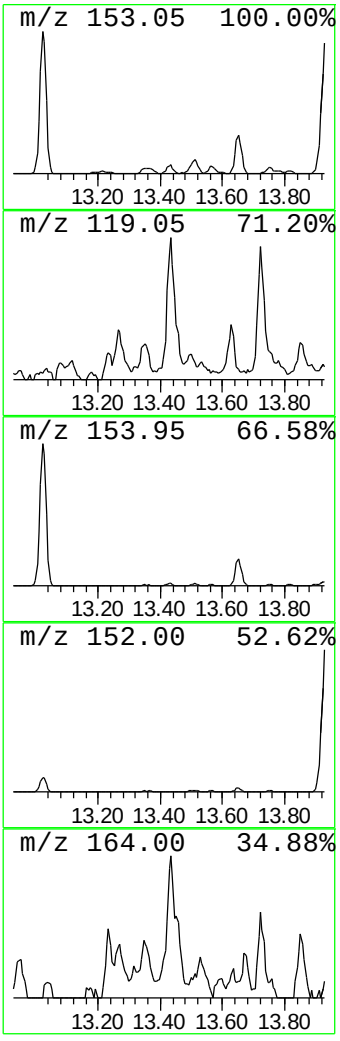
Peak Number 28 Naphthalene, 2-ethenyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	4.62 ng/ul	196771	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	80
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	35
3	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	35
4	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	35
5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	35





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Quant Title : SVOA CALIBRATION

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

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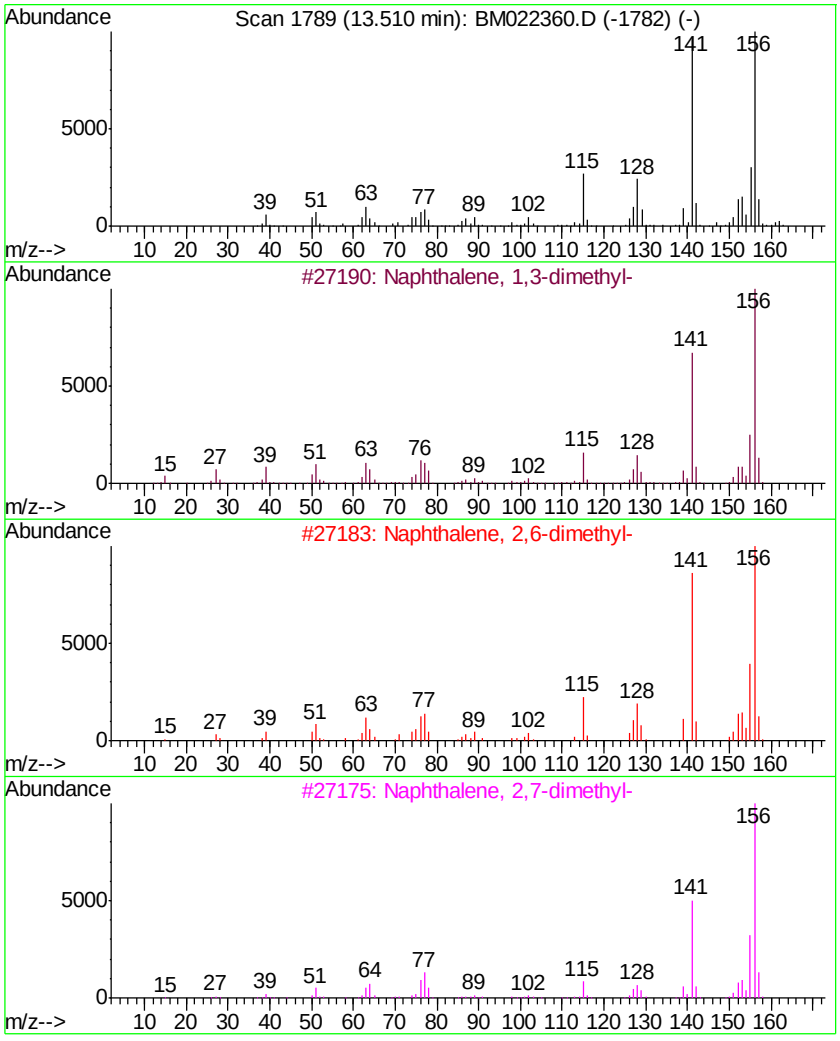
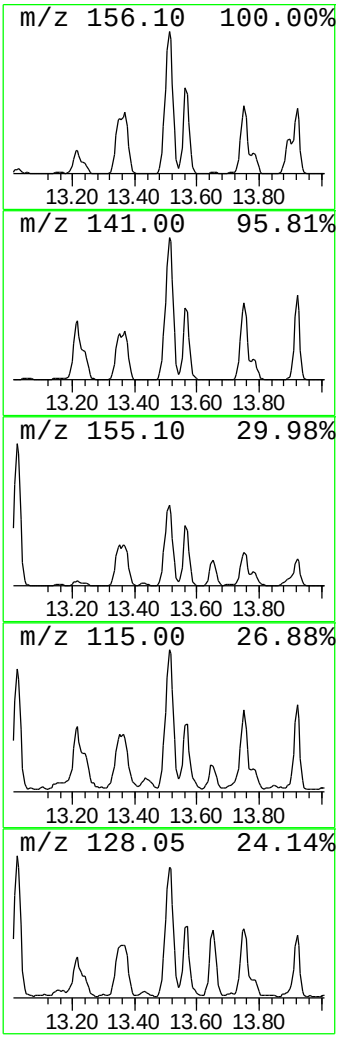
Peak Number 29 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	27.36 ng/ul	1164280	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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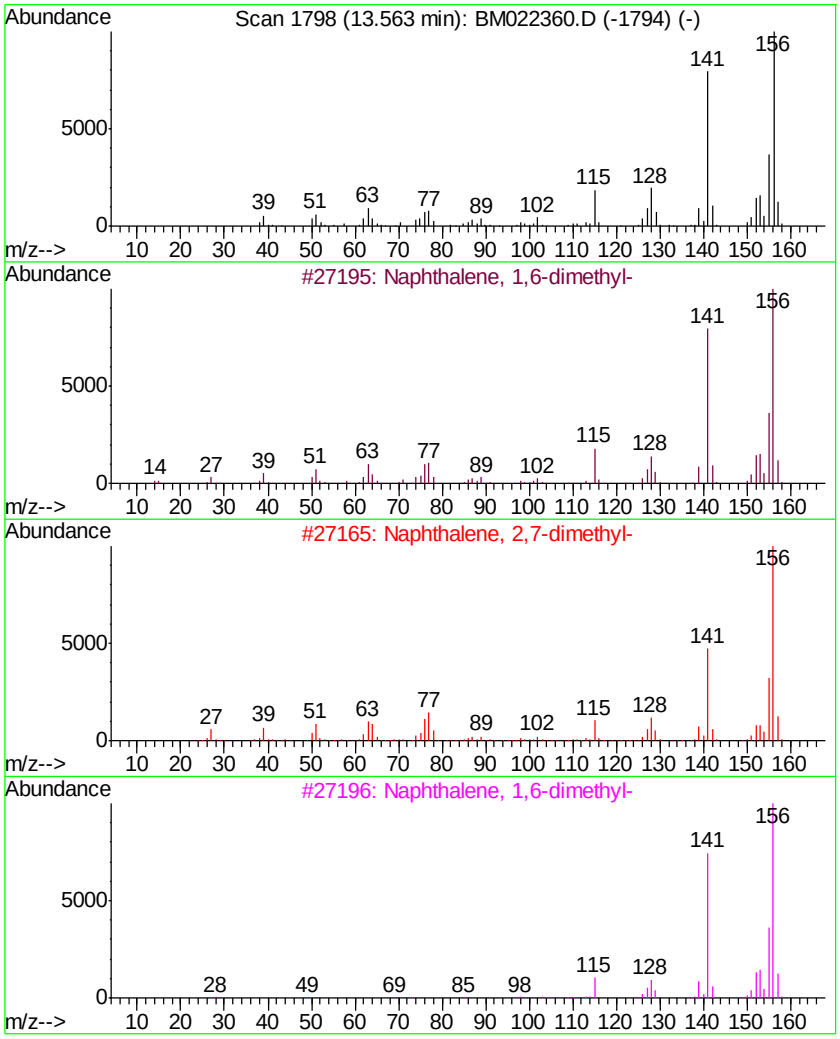
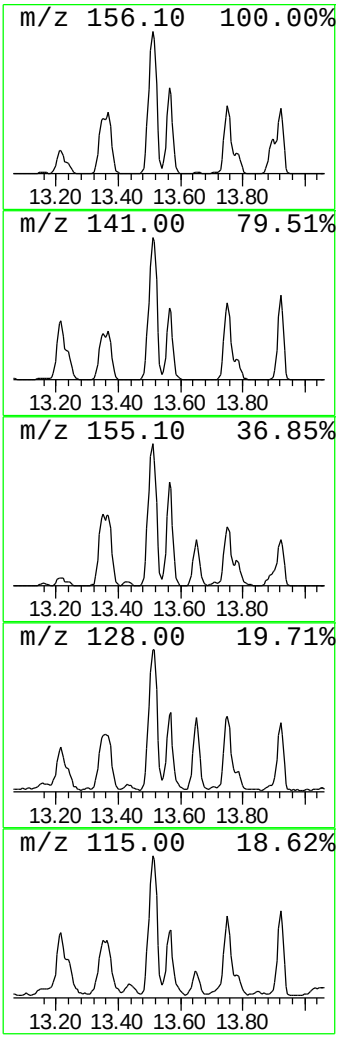
Peak Number 30 Naphthalene, 1,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	10.49 ng/ul	446416	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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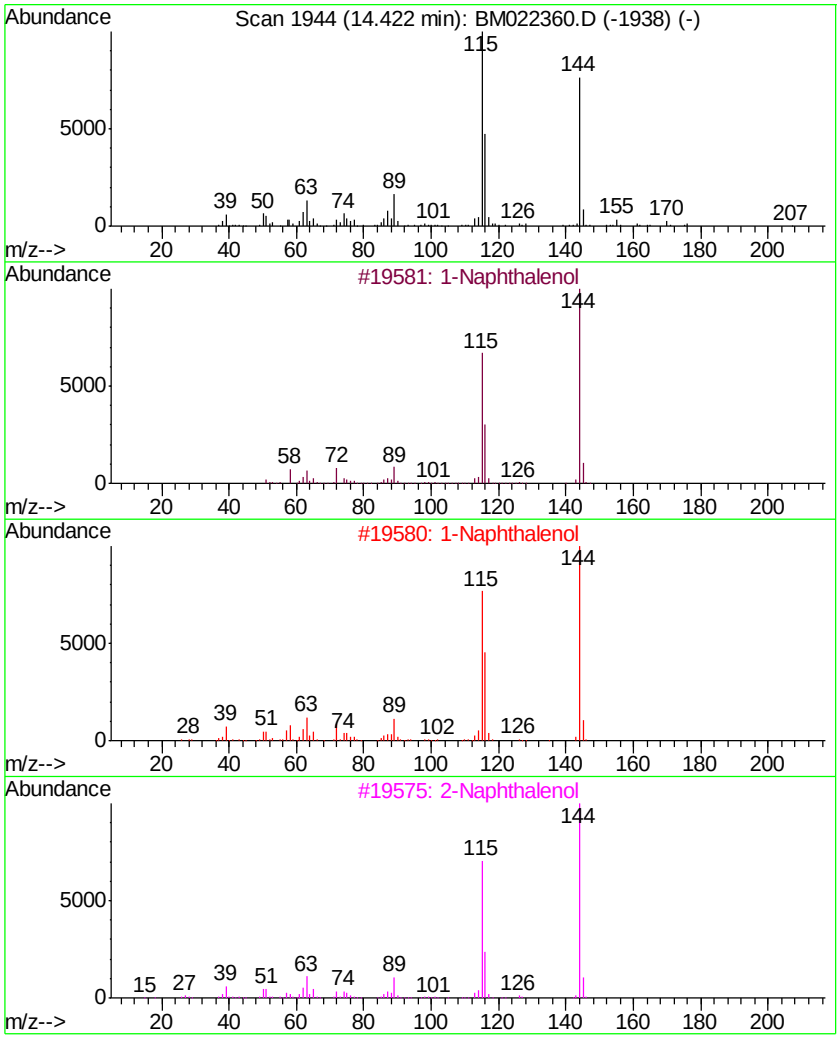
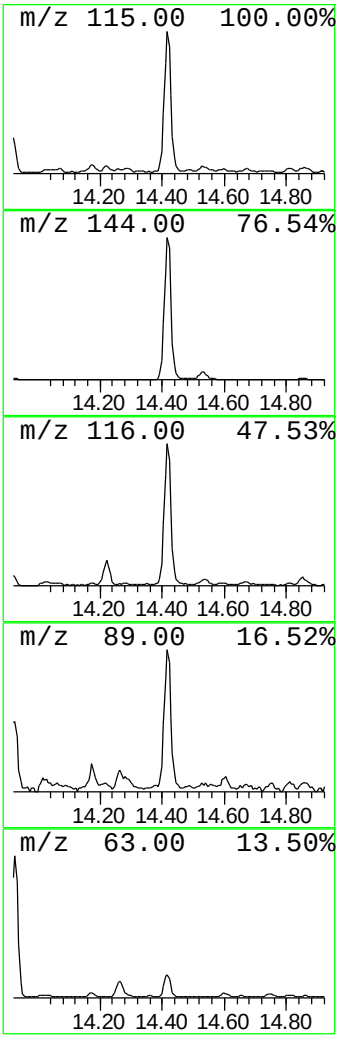
Peak Number 32 1-Naphthalenol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	12.85 ng/ul	546863	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	94
2	1-Naphthalenol	144	C10H8O	000090-15-3	91
3	2-Naphthalenol	144	C10H8O	000135-19-3	91
4	1-Naphthalenol	144	C10H8O	000090-15-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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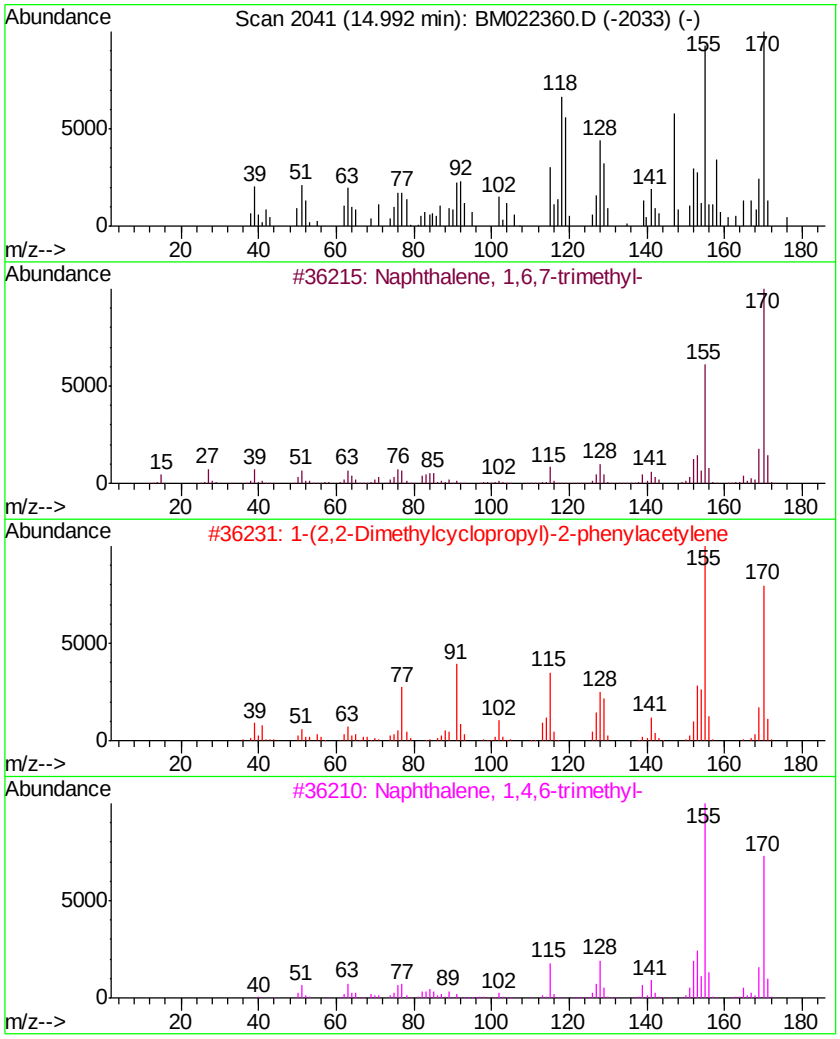
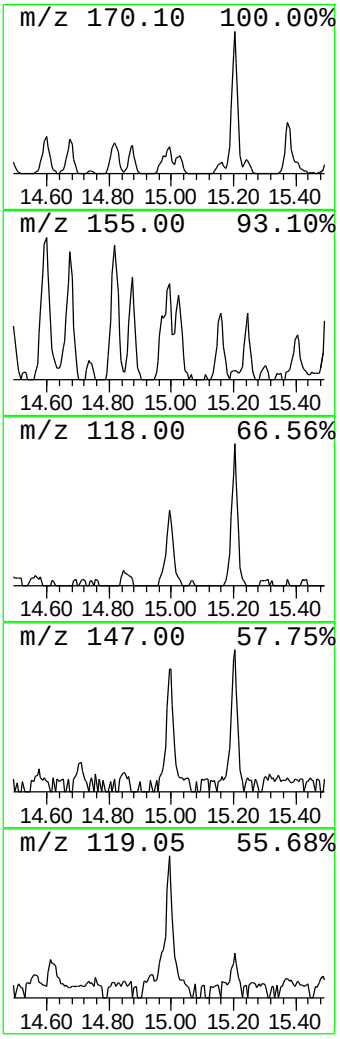
Peak Number 33 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	4.34 ng/ul	184727	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	84
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022360.D
Acq On : 27 Aug 2019 10:05
Operator : HP/JU
Sample : K4414-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
Methyl Isobutyl K...	3.45	209.4	ng/ul	3462230	1	7.55	330695	20.0
Toluene	3.83	3595.7	ng/ul	59453200	1	7.55	330695	20.0
2-Hexanone	4.01	15.2	ng/ul	251918	1	7.55	330695	20.0
Ethylbenzene	5.09	620.6	ng/ul	10262100	1	7.55	330695	20.0
Benzene, 1,3-dime...	5.23	1451.4	ng/ul	23998700	1	7.55	330695	20.0
2-Hexanone, 5-met...	5.43	14.4	ng/ul	237976	1	7.55	330695	20.0
p-Xylene	5.58	568.5	ng/ul	9399890	1	7.55	330695	20.0
Benzene, 2-propenyl-	6.39	14.3	ng/ul	236660	1	7.55	330695	20.0
Benzene, propyl-	6.52	21.2	ng/ul	349957	1	7.55	330695	20.0
Benzene, 1-ethyl-...	6.63	94.7	ng/ul	1566260	1	7.55	330695	20.0
.alpha.-Methylsty...	6.96	14.9	ng/ul	246790	1	7.55	330695	20.0
Benzene, 1,3,5-tr...	7.19	433.8	ng/ul	7173180	1	7.55	330695	20.0
Benzene, 1-etheny...	7.27	32.8	ng/ul	541575	1	7.55	330695	20.0
Benzene, 1,2,3-tr...	7.64	84.0	ng/ul	1389510	1	7.55	330695	20.0
cis-.beta.-Methyl...	7.72	59.2	ng/ul	978391	1	7.55	330695	20.0
Indane	7.89	64.1	ng/ul	1059380	1	7.55	330695	20.0
Indene	8.09	1377.9	ng/ul	22782700	1	7.55	330695	20.0
Benzene, 1-ethyl-...	8.16	26.8	ng/ul	442318	1	7.55	330695	20.0
Benzene, 2-ethyl-...	8.46	13.1	ng/ul	216371	1	7.55	330695	20.0
Benzene, 2-butenyl-	8.79	22.4	ng/ul	370005	1	7.55	330695	20.0
Benzene, 2-etheny...	8.89	12.2	ng/ul	201939	1	7.55	330695	20.0
Benzoic acid, 4-m...	12.39	5.0	ng/ul	211666	3	14.20	850968	20.0
1(3H)-Isobenzofur...	12.64	6.0	ng/ul	254299	3	14.20	850968	20.0
Naphthalene, 1-et...	13.22	4.7	ng/ul	200697	3	14.20	850968	20.0
Naphthalene, 2,6-...	13.35	10.9	ng/ul	461862	3	14.20	850968	20.0
Naphthalene, 2-et...	13.43	4.6	ng/ul	196771	3	14.20	850968	20.0
Naphthalene, 1,3-...	13.51	27.4	ng/ul	1164280	3	14.20	850968	20.0
Naphthalene, 1,6-...	13.56	10.5	ng/ul	446416	3	14.20	850968	20.0
1-Naphthalenol	14.42	12.9	ng/ul	546863	3	14.20	850968	20.0
1-(2,2-Dimethylcy...	14.99	4.3	ng/ul	184727	3	14.20	850968	20.0