LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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	3.081	13	16	22	rVB3	4456	5737	0.55%	0.164%
2	3.246	42	44	46	rBV2	1170	1308	0.13%	0.037%
3	3.322	55	57	60	rVB	1090	1122	0.11%	0.032%
4	3.440	73	77	87	rBV	67985	94147	9.03%	2.687%
5	3.804	134	139	154	rVV	680802	1042167	100.00%	29.741%
6	4.022	173	176	183	rVB	3267	4721	0.45%	0.135%
7	5.081	352	356	362	rBV	15875	21799	2.09%	0.622%
8	5.204	373	377	390	rVB	27320	54688	5.25%	1.561%
9	5.563	432	438	445	rBV3	31226	60952	5.85%	1.739%
10	6.622	617	618	622	rVB2	1237	1128	0.11%	0.032%
11	7.186	709	714	716	rBV	2924	4284	0.41%	0.122%
12	7.539	769	774	785	rBB	93151	149530	14.35%	4.267%
13	7.622	786	788	795	rBB2	2244	4074	0.39%	0.116%
14	7.975	844	848	853	rBB2	5242	7801	0.75%	0.223%
15	8.063	857	863	875	rBB	54860	92292	8.86%	2.634%
16	9.757	1146	1151	1152	rBB	1060	1185	0.11%	0.034%
17	10.310	1239	1245	1249	rBV	125948	210802	20.23%	6.016%
18	10.363	1249	1254	1272	rVV	141090	271025	26.01%	7.734%
19	10.492	1272	1276	1280	rVB	1605	2679	0.26%	0.076%
20	12.021	1532	1536	1542	rBB	3742	6826	0.65%	0.195%
21	12.233	1568	1572	1577	rBB2	2889	5276	0.51%	0.151%
22	13.927	1856	1860	1864	rVB	1319	2085	0.20%	0.060%
23	14.198	1899	1906	1924	rBV2	191244	319492	30.66%	9.117%
24	15.286	2088	2091	2094	rVB	1321	1677	0.16%	0.048%
25	16.968	2371	2377	2392	rBV2	204308	371968	35.69%	10.615%
26	17.092	2396	2398	2403	rVV	1303	2323	0.22%	0.066%
27	17.133	2403	2405	2410	rVB2	840	1345	0.13%	0.038%
28	18.792	2683	2687	2688	rBV	1221	1237	0.12%	0.035%
29	19.003	2721	2723	2726	rVB2	1348	1531	0.15%	0.044%
30	19.056	2726	2732	2733	rBV3	2077	3031	0.29%	0.086%
31	19.186	2750	2754	2759	rVB3	905	1291	0.12%	0.037%
32	19.286	2768	2771	2774	rBV2	1254	2072	0.20%	0.059%
33	19.356	2780	2783	2784	rBV	1170	1181	0.11%	0.034%
34	19.397	2786	2790	2791	rVV	1950	2109	0.20%	0.060%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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	19.427	2793	2795	2799	rVB2	2905	2810	0.27%	0.080%
36	19.486	2802	2805	2807	rBV3	1102	1361	0.13%	0.039%
37	19.762	2851	2852	2854	rBV2	1668	1181	0.11%	0.034%
38	19.921	2876	2879	2881	rBV2	1969	2566	0.25%	0.073%
39	20.680	3007	3008	3009	rBV	2813	1136	0.11%	0.032%
40	21.180	3088	3093	3106	rBV	240409	378518	36.32%	10.802%
41	23.374	3460	3466	3479	rVB	178038	361738	34.71%	10.323%

Sum of corrected areas: 3504195

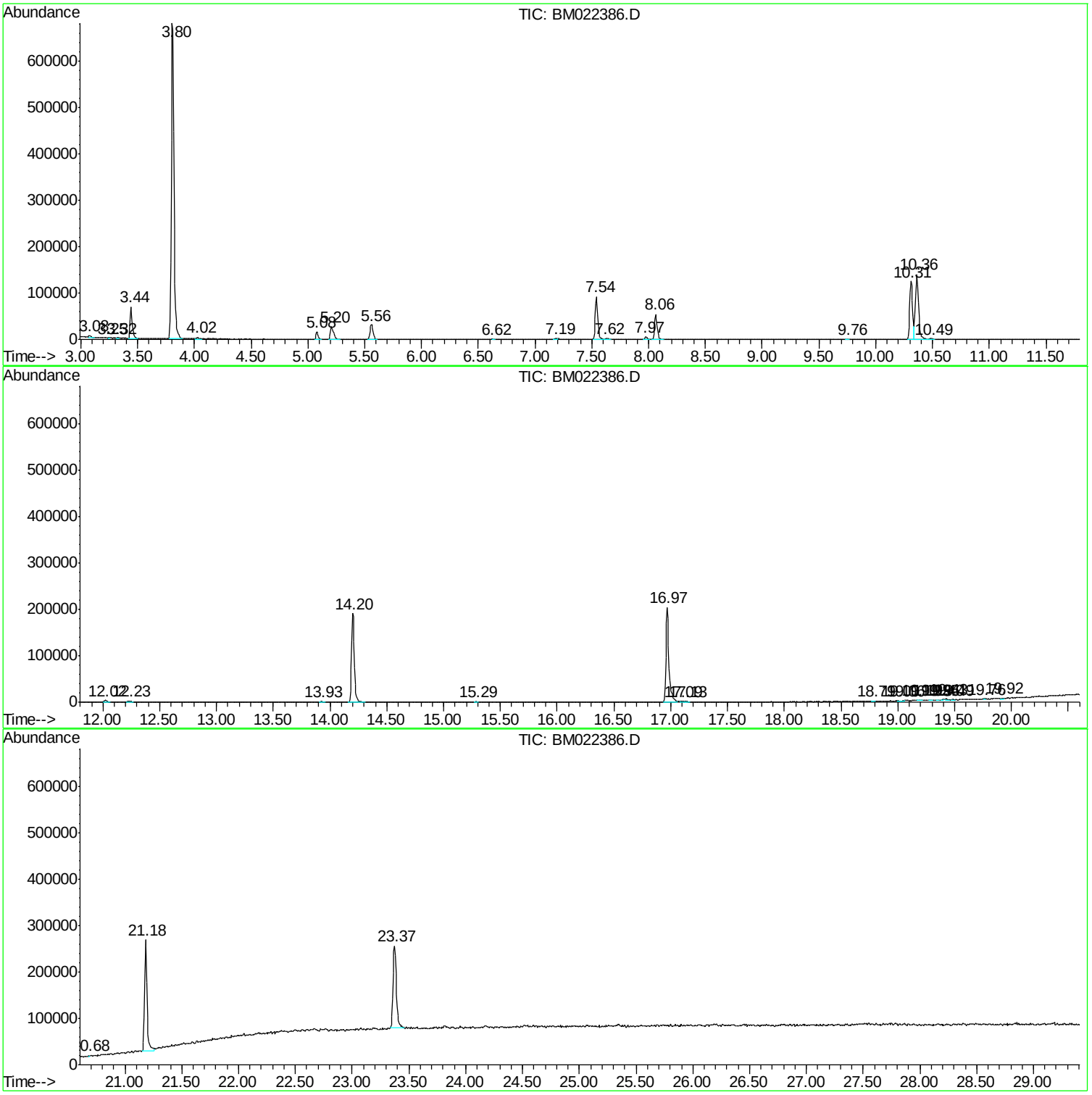
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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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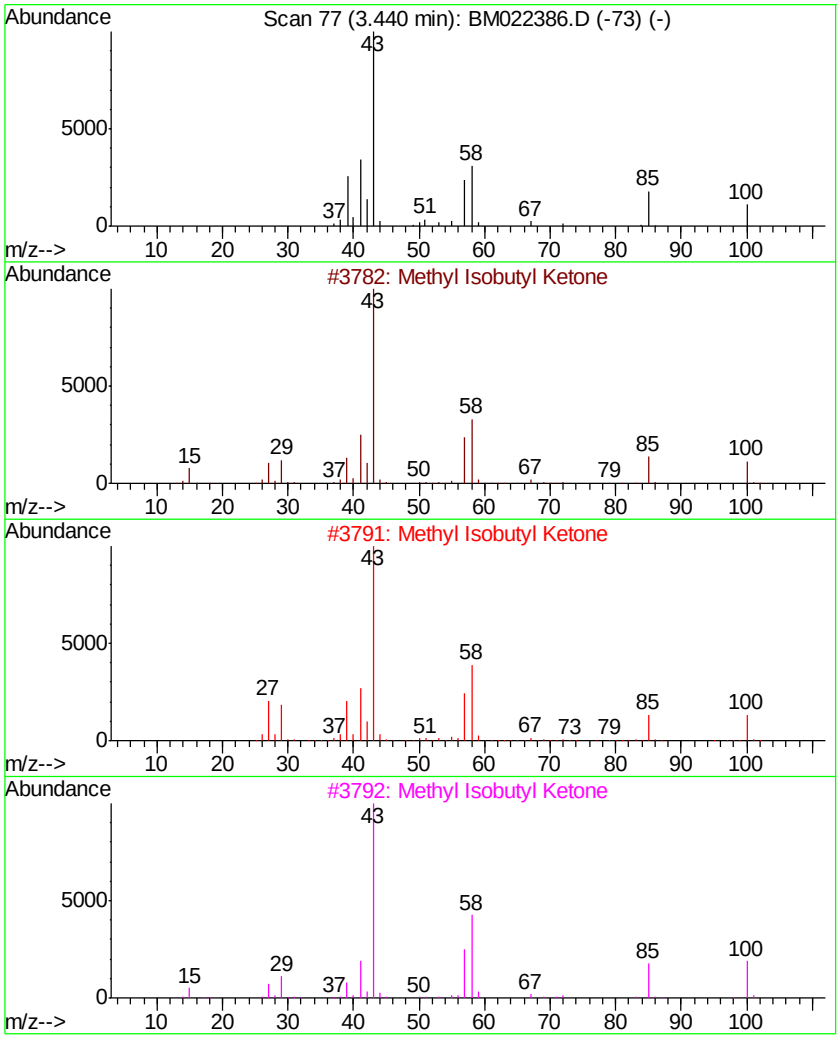
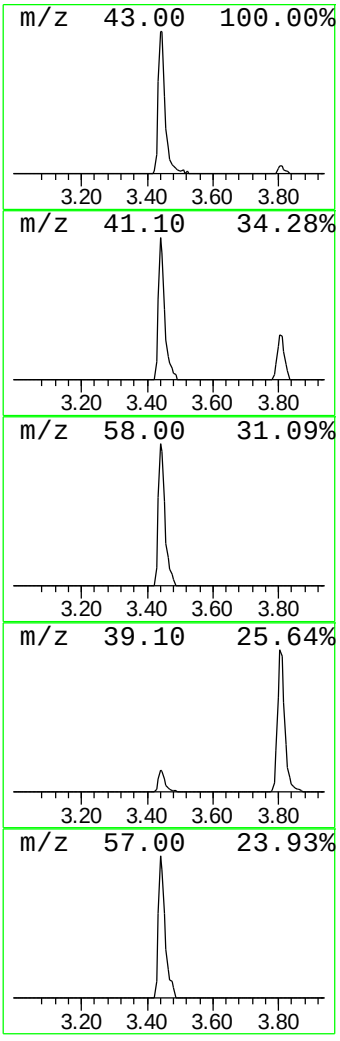
Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.44	12.59 ng/ul	94147	1,4-Dichlorobenzene-d4	7.54

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	83
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	45
4	2,3-Pentanedione	100	C5H8O2	000600-14-6	32
5	Heptane	100	C7H16	000142-82-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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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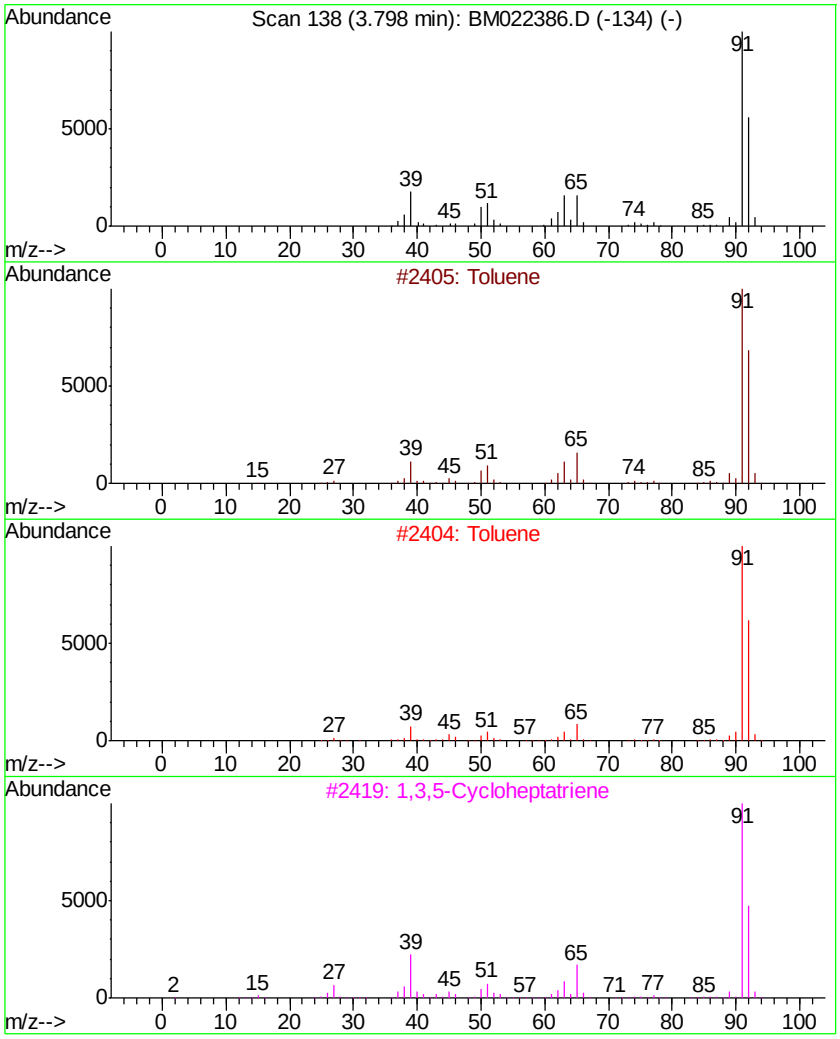
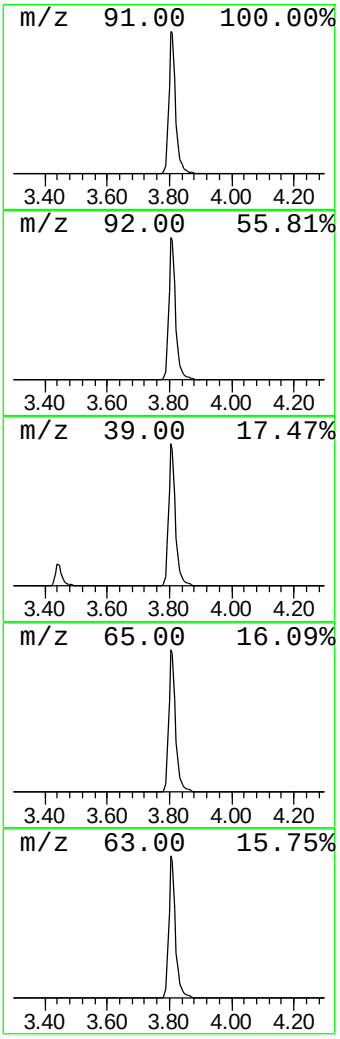
Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	139.39 ng/ul	1042170	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	90
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
4	Toluene	92	C7H8	000108-88-3	83
5	2,5-Norbornadiene	92	C7H8	000121-46-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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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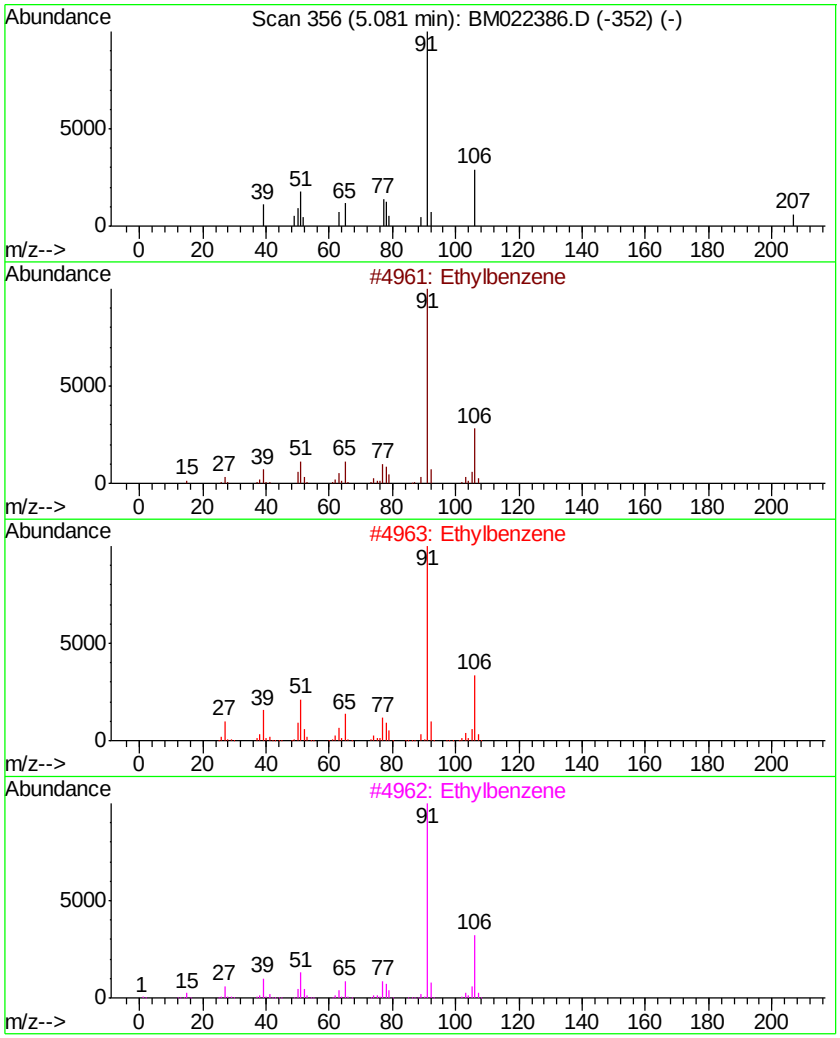
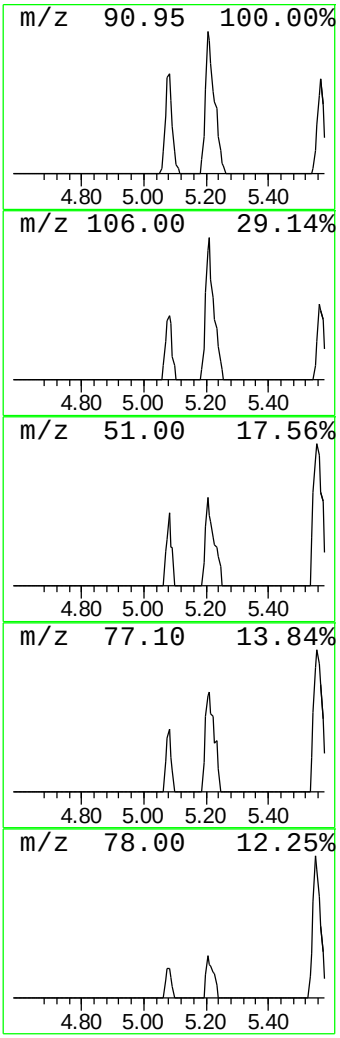
Peak Number 3 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	2.92 ng/ul	21799	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	86
2	Ethylbenzene	106	C8H10	000100-41-4	80
3	Ethylbenzene	106	C8H10	000100-41-4	80
4	Ethylbenzene	106	C8H10	000100-41-4	80
5	o-Xylene	106	C8H10	000095-47-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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

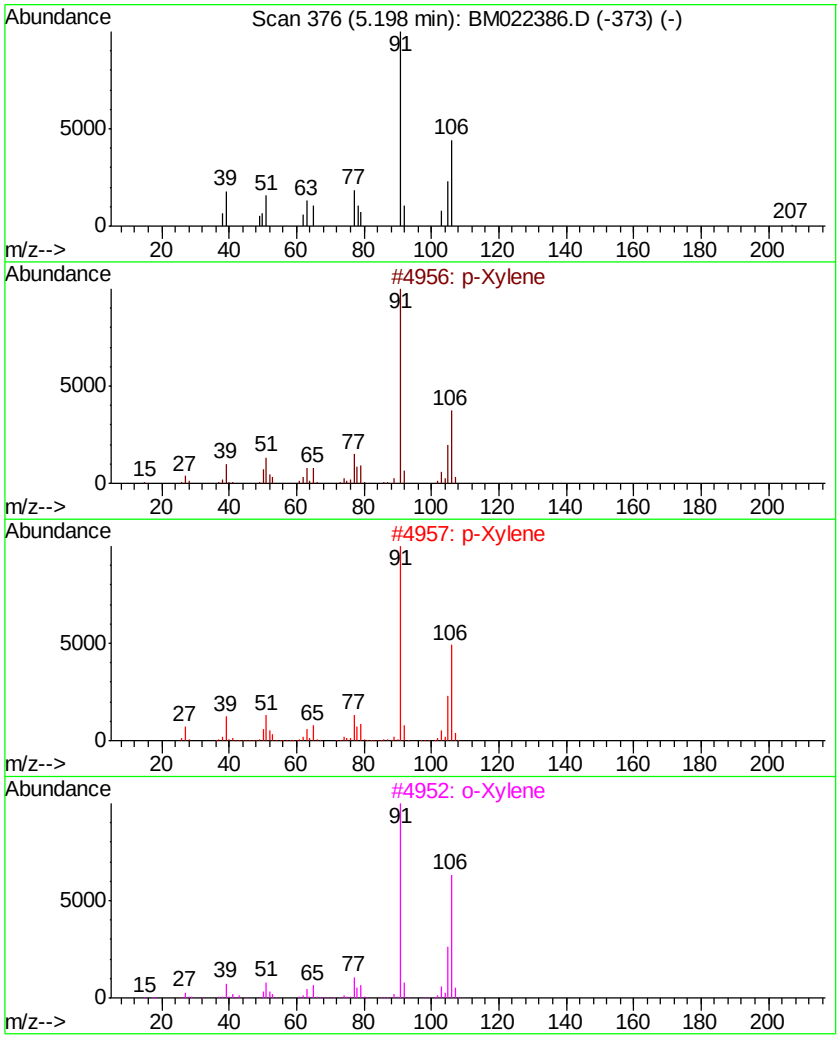
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

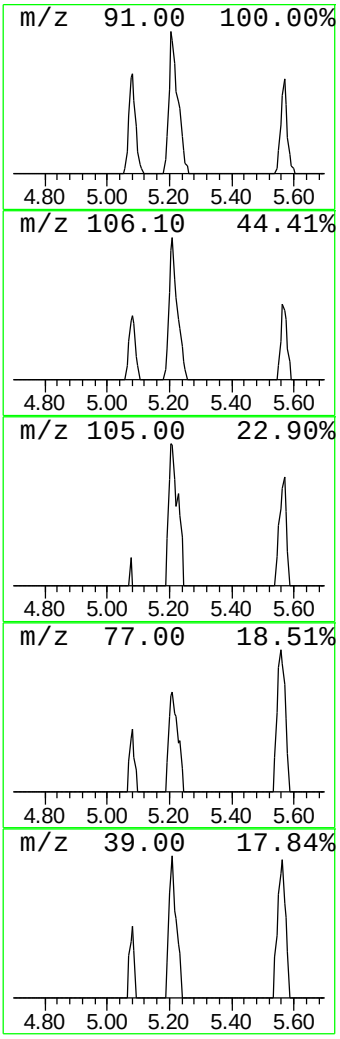
****

Peak Number 4 p-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	7.31 ng/ul	54688	1,4-Dichlorobenzene-d4	7.54

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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

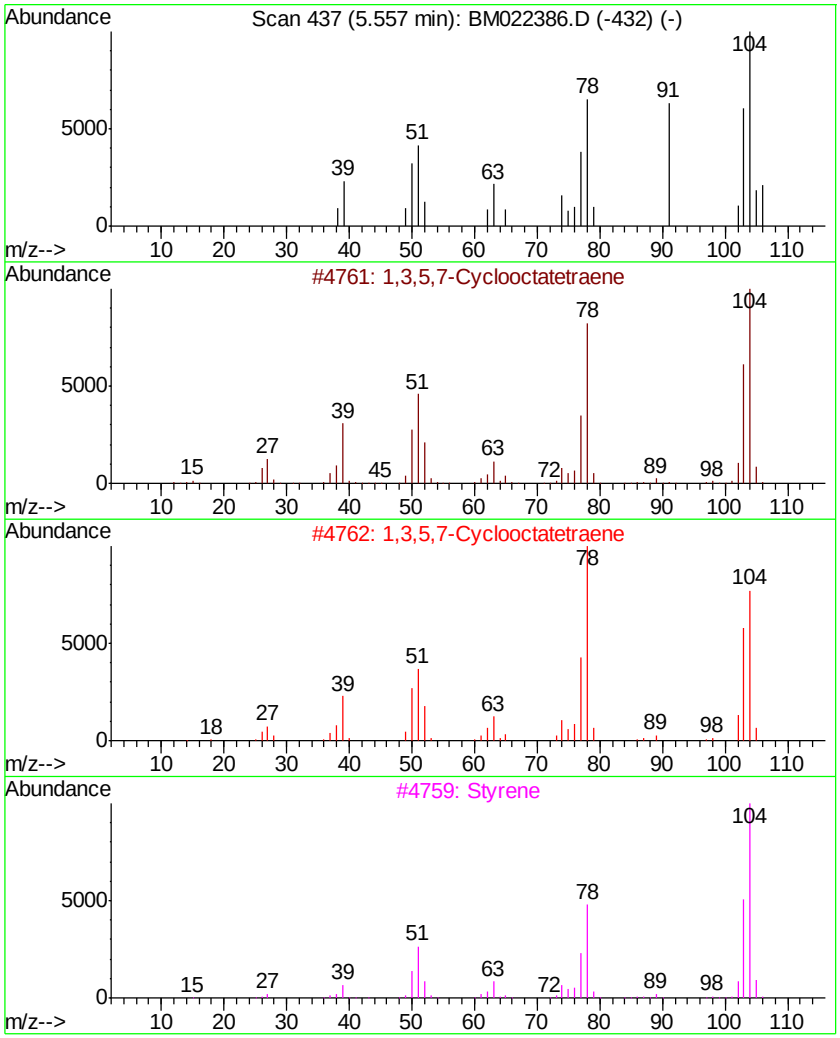
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

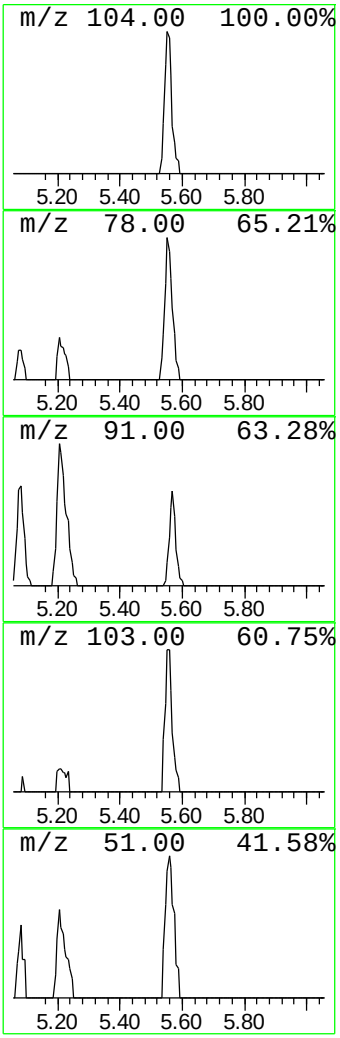
****

Peak Number 5 1,3,5,7-Cyclooctatetraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	8.15 ng/ul	60952	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
3	Styrene	104	C8H8	000100-42-5	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	64
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
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Acq On : 28 Aug 2019 15:59
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Instrument : BNA_M
ClientSampleId : ETJR1DL2

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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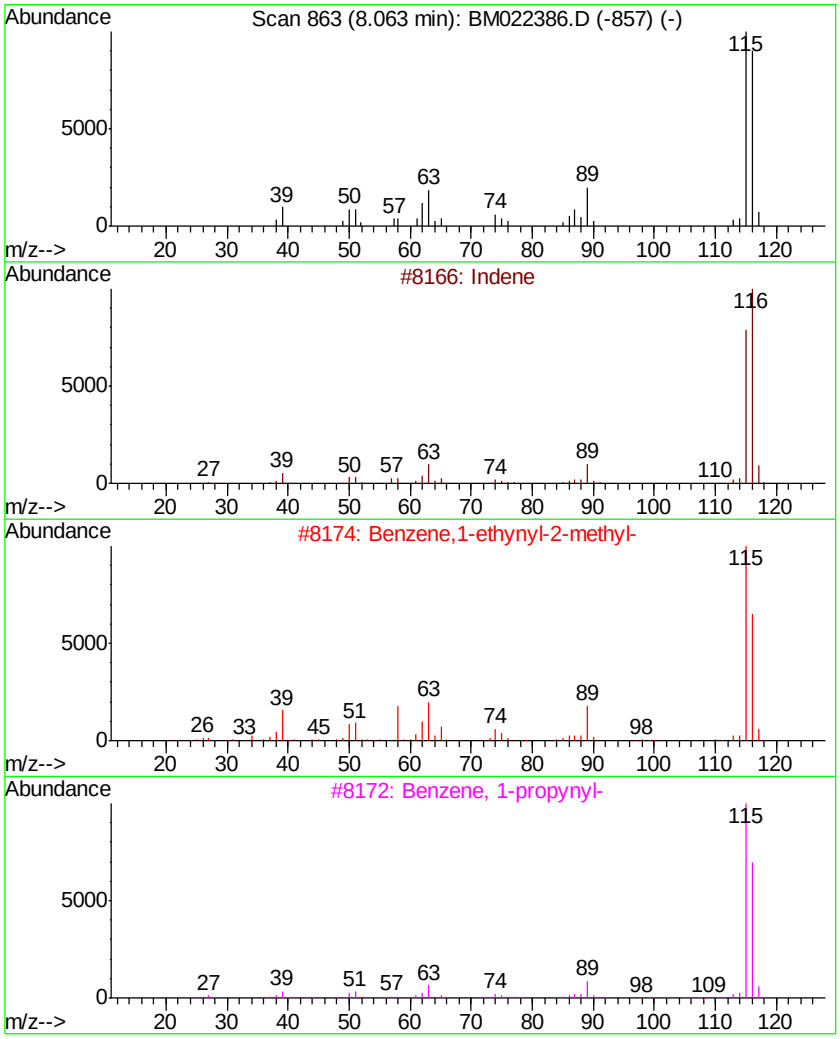
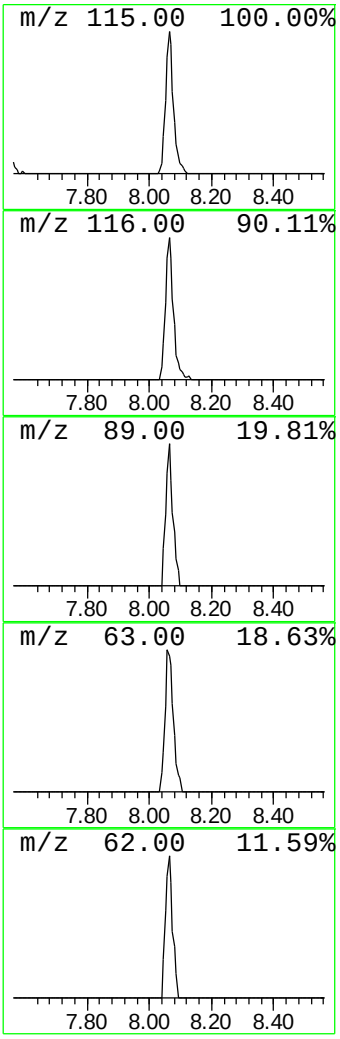
Peak Number 6 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	12.34 ng/ul	92292	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\
Data File : BM022386.D
Acq On : 28 Aug 2019 15:59
Operator : HP/JU
Sample : K4414-07DL2 250X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL2

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...	3.44	12.6	ng/ul	94147	1	7.54	149530	20.0
Toluene	3.80	139.4	ng/ul	1042170	1	7.54	149530	20.0
Ethylbenzene	5.08	2.9	ng/ul	21799	1	7.54	149530	20.0
p-Xylene	5.20	7.3	ng/ul	54688	1	7.54	149530	20.0
1,3,5,7-Cycloocta...	5.56	8.2	ng/ul	60952	1	7.54	149530	20.0
Indene	8.06	12.3	ng/ul	92292	1	7.54	149530	20.0