LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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	3.440	72	77	88	rBV	133982	188363	1.59%	0.760%
2	3.805	133	139	158	rVB	2446137	3491449	29.53%	14.090%
3	5.075	349	355	367	rVV	316733	458320	3.88%	1.850%
4	5.204	371	377	396	rBB	420315	937388	7.93%	3.783%
5	5.563	431	438	446	rBV3	263389	430357	3.64%	1.737%
6	6.510	595	599	605	rBB2	13139	16946	0.14%	0.068%
7	6.616	612	617	623	rBV	56132	79726	0.67%	0.322%
8	6.681	623	628	634	rVB	33793	49806	0.42%	0.201%
9	6.751	635	640	647	rBB	50815	72675	0.61%	0.293%
10	6.916	662	668	672	rBV3	25815	40885	0.35%	0.165%
11	7.175	706	712	724	rBV3	174293	339798	2.87%	1.371%
12	7.269	724	728	735	rVB2	18009	25065	0.21%	0.101%
13	7.534	767	773	784	rBB	98556	153047	1.29%	0.618%
14	7.634	784	790	796	rBB	46270	68320	0.58%	0.276%
15	7.710	798	803	809	rBV	33798	48646	0.41%	0.196%
16	7.887	828	833	840	rBB2	33381	51408	0.43%	0.207%
17	7.963	840	846	851	rBV	147603	235297	1.99%	0.950%
18	8.057	856	862	871	rVV	541497	834776	7.06%	3.369%
19	8.151	873	878	883	rVB2	12746	16784	0.14%	0.068%
20	8.334	902	909	915	rVV5	12023	26031	0.22%	0.105%
21	8.387	915	918	924	rVB2	7913	12401	0.10%	0.050%
22	8.610	951	956	961	rBV	12642	18087	0.15%	0.073%
23	8.716	965	974	981	rBV3	9894	22654	0.19%	0.091%
24	9.192	1050	1055	1059	rBB	16154	23146	0.20%	0.093%
25	9.263	1061	1067	1075	rBV	179916	277883	2.35%	1.121%
26	9.422	1091	1094	1100	rBB	8734	12614	0.11%	0.051%
27	9.551	1112	1116	1123	rVB5	12404	19917	0.17%	0.080%
28	9.739	1143	1148	1153	rVB	69633	130722	1.11%	0.528%
29	9.804	1153	1159	1163	rBV2	63086	123690	1.05%	0.499%
30	9.981	1184	1189	1190	rBV3	9414	14671	0.12%	0.059%
31	10.004	1190	1193	1198	rVB2	18241	27452	0.23%	0.111%
32	10.310	1237	1245	1248	rBV	126354	233713	1.98%	0.943%
33	10.381	1248	1257	1268	rVV	7583818	11822535	100.00%	47.712%
34	10.481	1268	1274	1282	rVB	78427	125549	1.06%	0.507%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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	11.869	1506	1510	1516	rVB	8917	12820	0.11%	0.052%
36	11.980	1522	1529	1543	rBB	534873	830211	7.02%	3.350%
37	12.204	1557	1567	1577	rBV	342703	560088	4.74%	2.260%
38	13.016	1700	1705	1712	rBV	82500	117040	0.99%	0.472%
39	13.363	1757	1764	1769	rBB5	13299	30977	0.26%	0.125%
40	13.504	1781	1788	1793	rBV2	33774	57131	0.48%	0.231%
41	13.563	1793	1798	1805	rVV2	16607	21362	0.18%	0.086%
42	13.627	1805	1809	1821	rVB2	34588	72806	0.62%	0.294%
43	13.745	1823	1829	1833	rBV2	15209	22656	0.19%	0.091%
44	13.916	1847	1858	1865	rBV2	153842	281256	2.38%	1.135%
45	14.192	1899	1905	1912	rBV	246418	358525	3.03%	1.447%
46	14.257	1912	1916	1921	rVV	20211	27388	0.23%	0.111%
47	14.427	1940	1945	1954	rBV2	9061	15466	0.13%	0.062%
48	15.198	2070	2076	2081	rBV	54671	77799	0.66%	0.314%
49	15.257	2081	2086	2095	rVB	81481	119238	1.01%	0.481%
50	16.957	2370	2375	2379	rBV2	304614	434331	3.67%	1.753%
51	17.004	2379	2383	2389	rVV	161415	229683	1.94%	0.927%
52	17.063	2389	2393	2397	rVV	55096	79007	0.67%	0.319%
53	17.098	2397	2399	2407	rVB	12760	17012	0.14%	0.069%
54	18.033	2552	2558	2563	rBV2	13454	20415	0.17%	0.082%
55	19.039	2725	2729	2734	rBV	20293	25862	0.22%	0.104%
56	19.374	2781	2786	2789	rBV	65660	94973	0.80%	0.383%
57	19.398	2789	2790	2795	rVB	29189	31080	0.26%	0.125%
58	21.180	3087	3093	3102	rBV	305282	437247	3.70%	1.765%
59	23.368	3459	3465	3476	rVB	182766	374294	3.17%	1.511%

Sum of corrected areas: 24778788

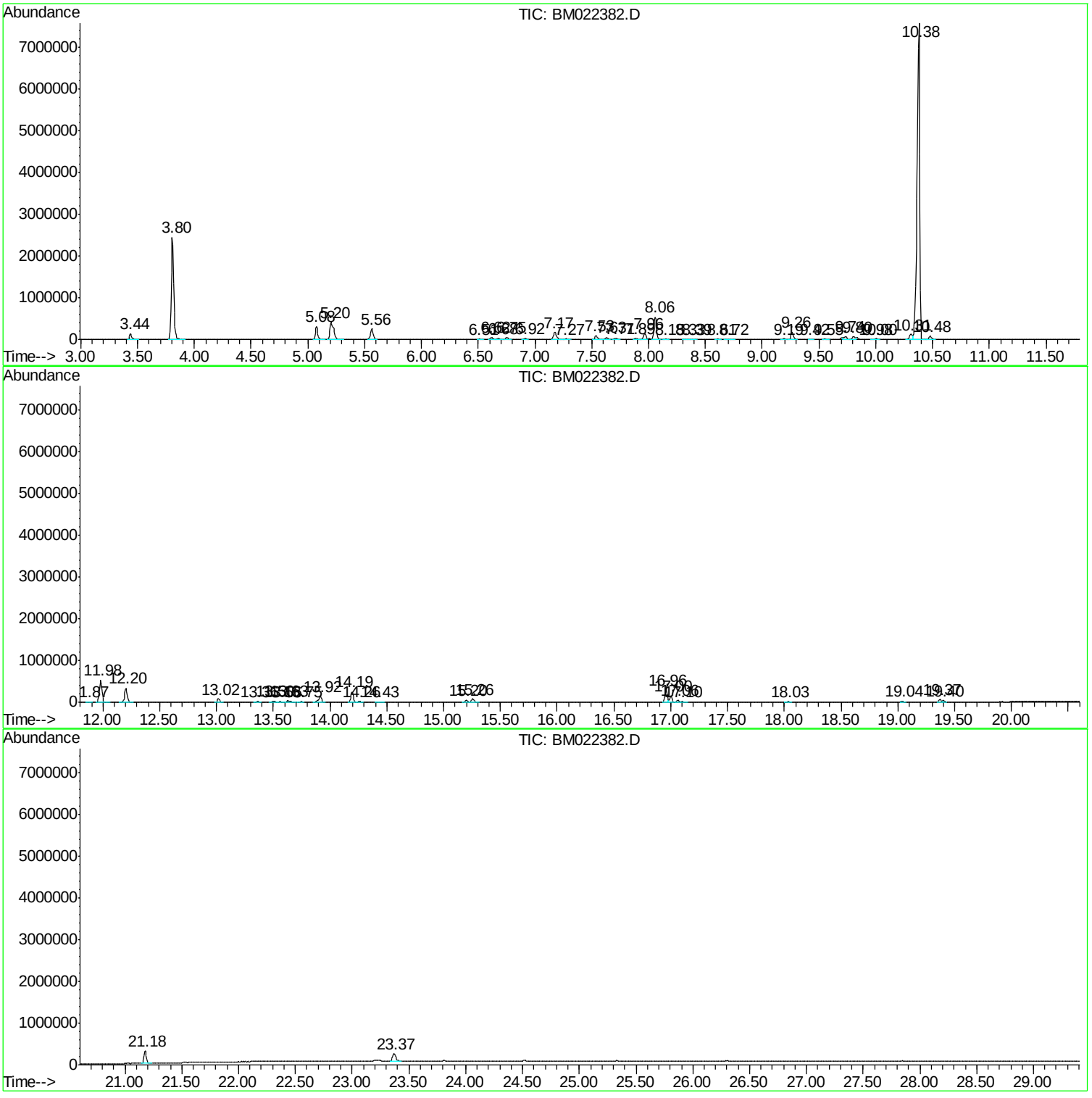
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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 : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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

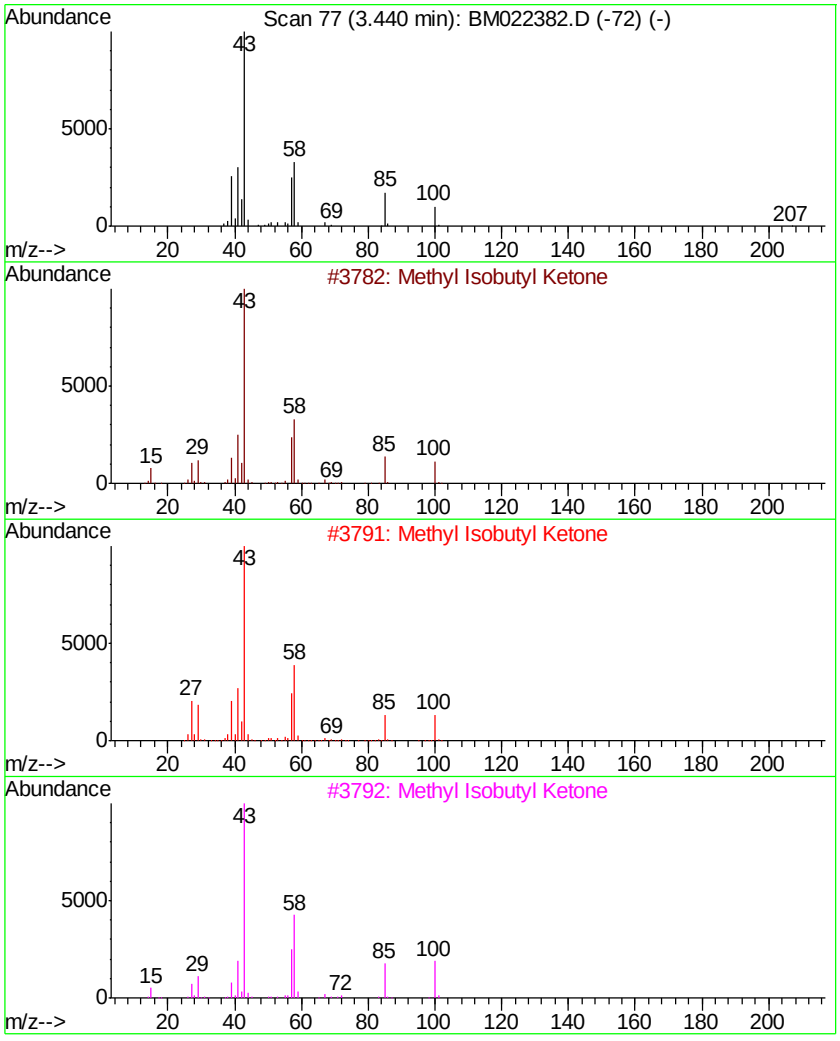
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

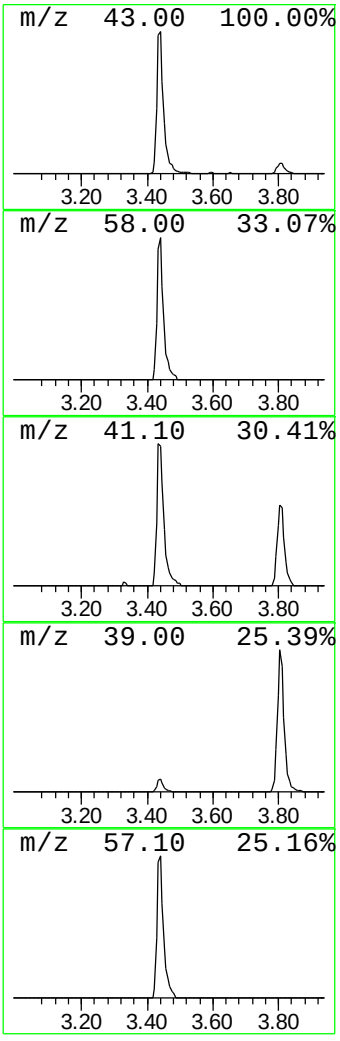
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.44	24.62 ng/ul	188363	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	90
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	90
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	59
4	2-Hexanone	100	C6H12O	000591-78-6	50
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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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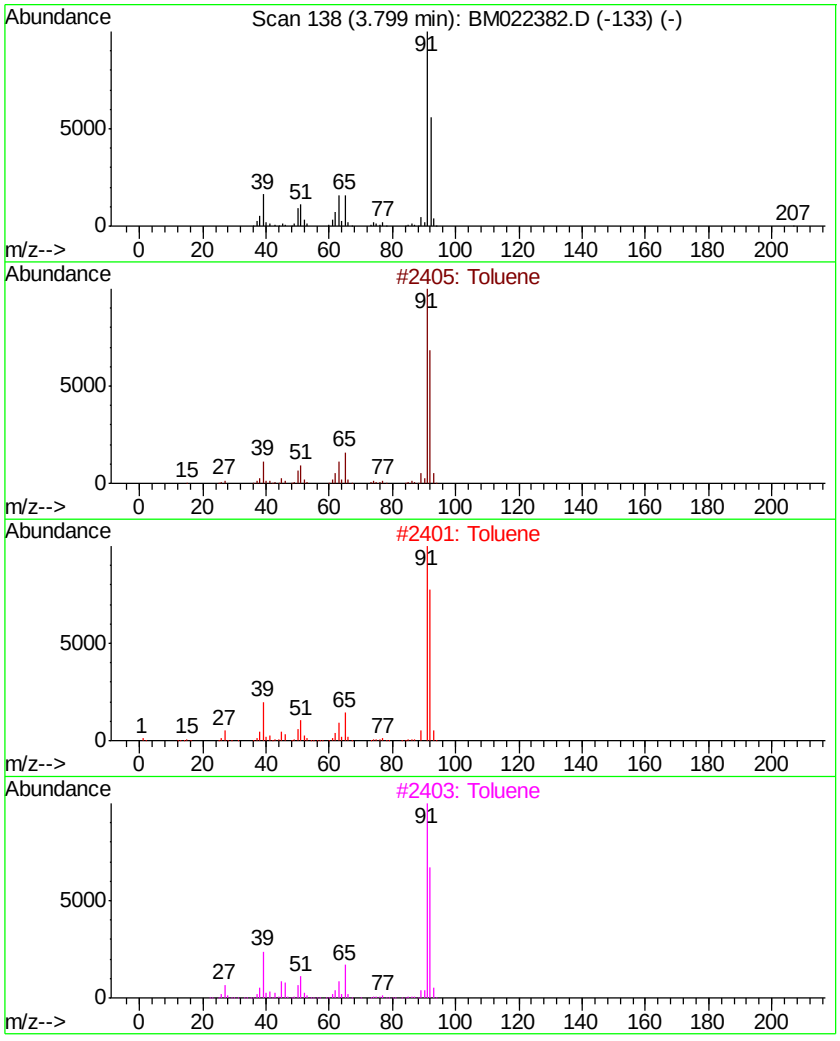
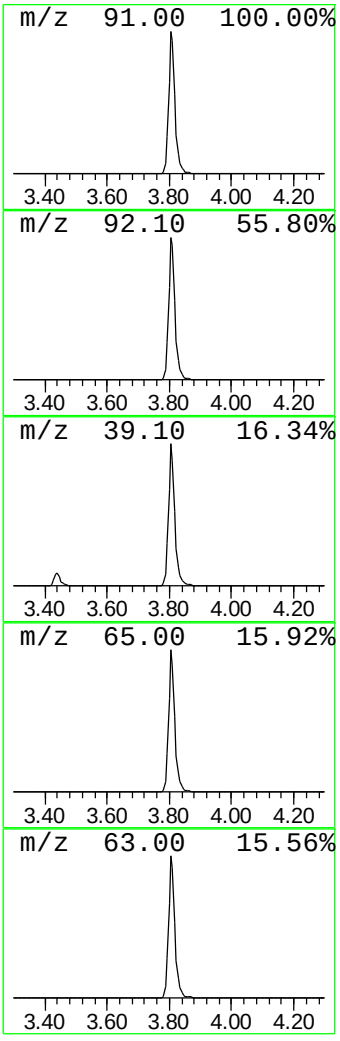
Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	456.26 ng/ul	3491450	1,4-Dichlorobenzene-d4	7.53

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	90
4	Toluene	92	C7H8	000108-88-3	90
5	2,5-Norbornadiene	92	C7H8	000121-46-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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

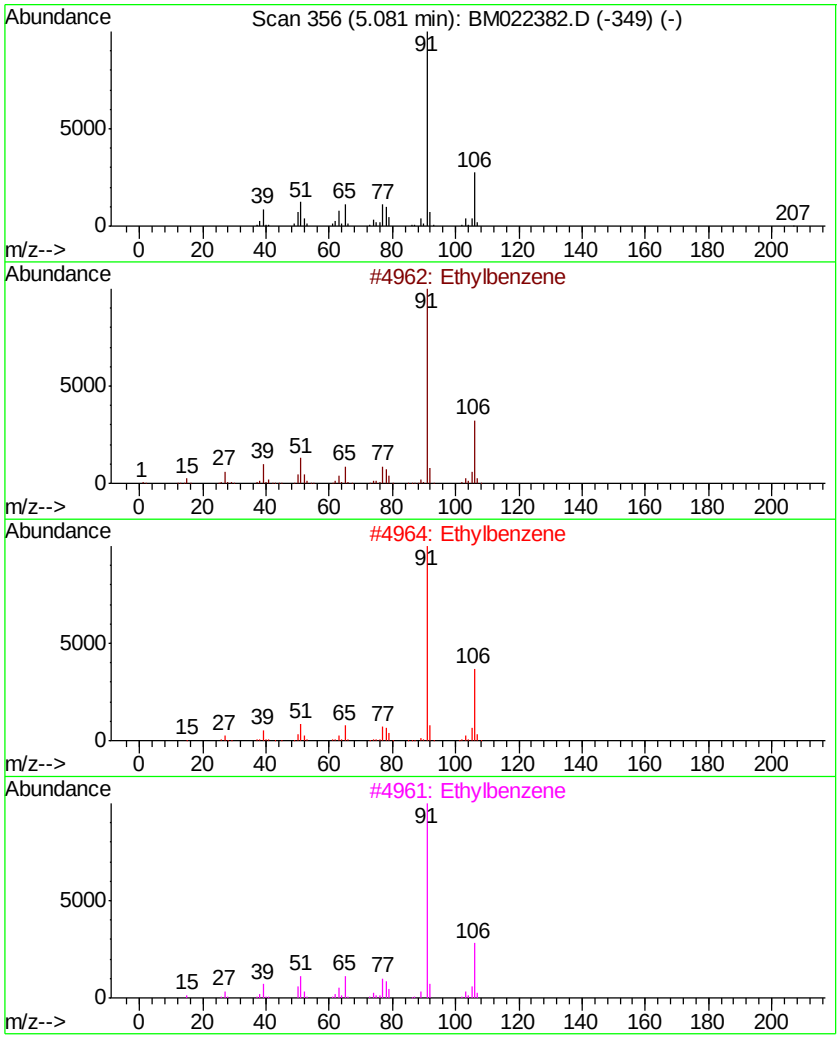
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

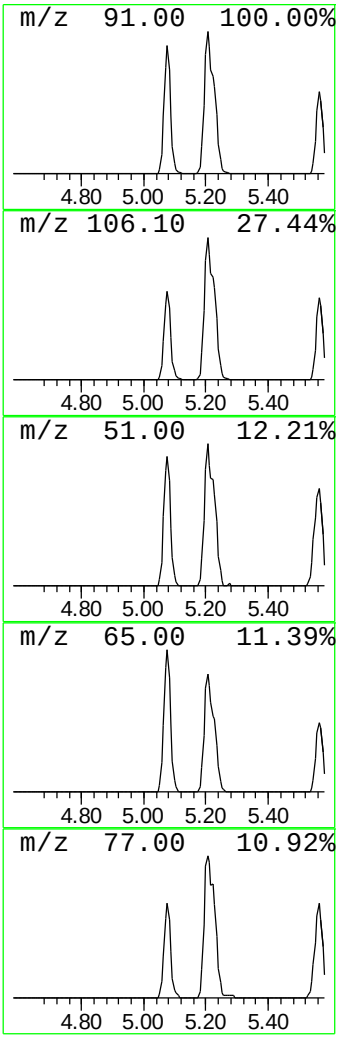
****

Peak Number 3 Ethylbenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	59.89 ng/ul	458320	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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

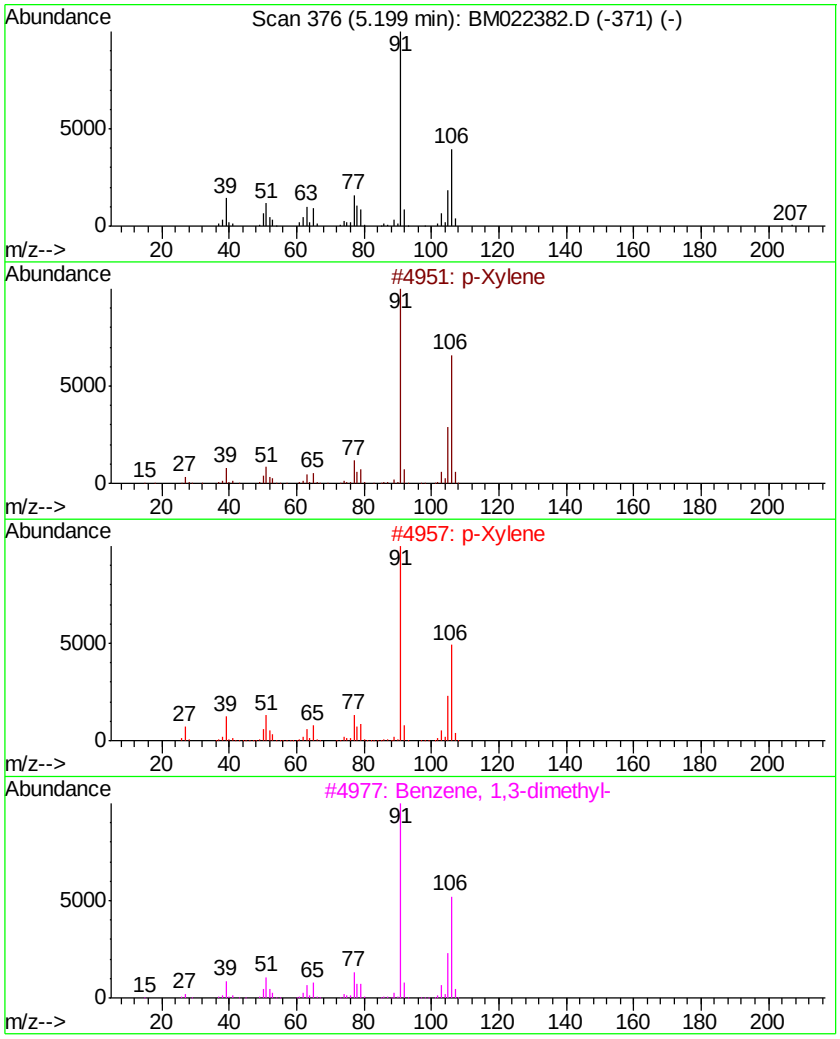
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

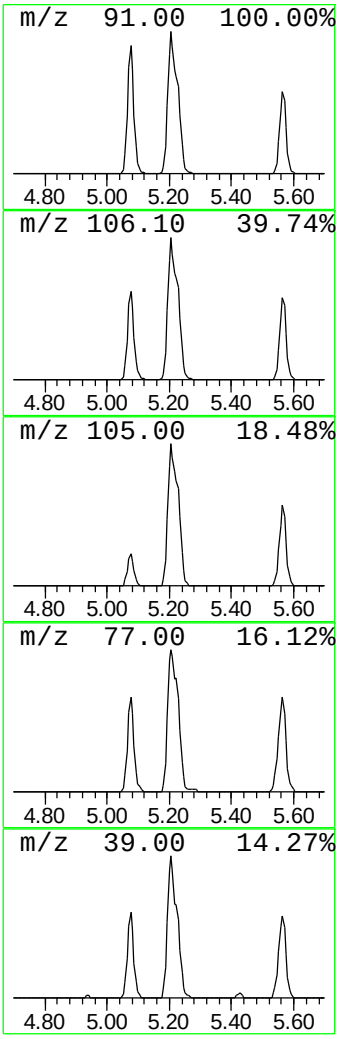
****

Peak Number 4 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	122.50 ng/ul	937388	1,4-Dichlorobenzene-d4	7.53

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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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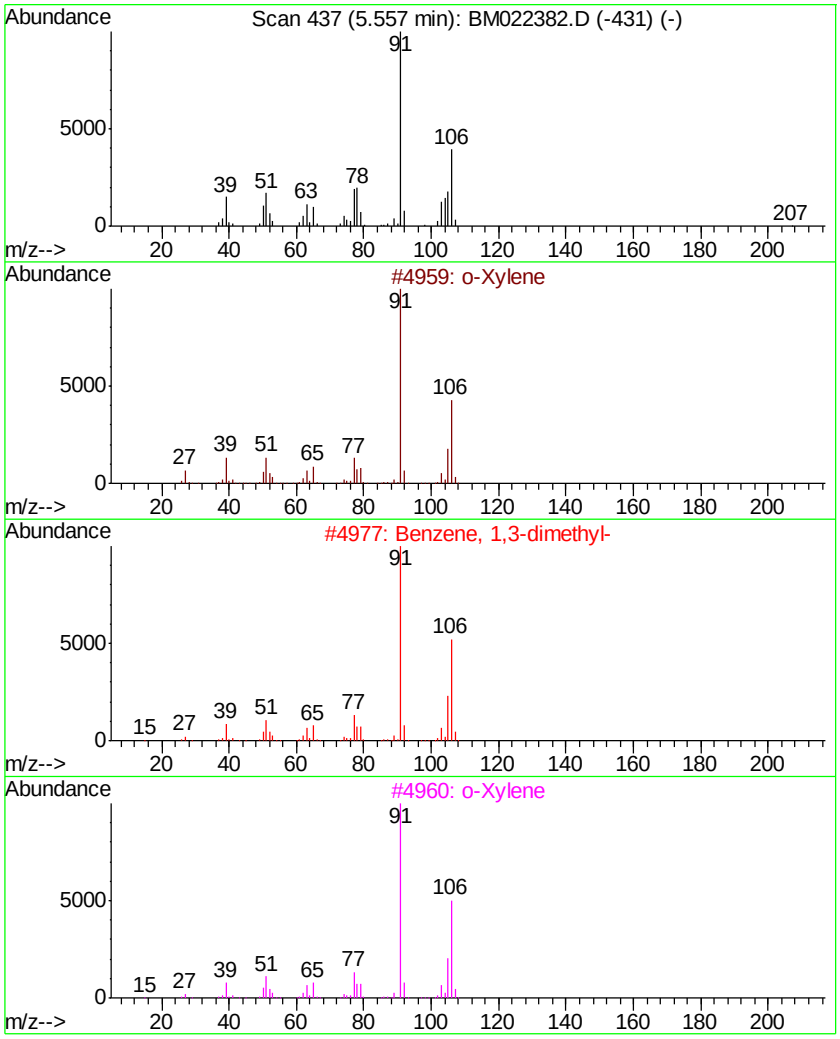
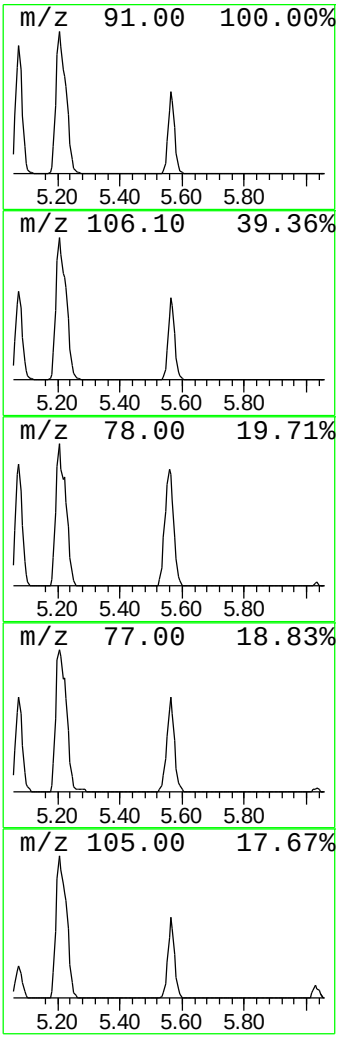
Peak Number 5 o-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	56.24 ng/ul	430357	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	94
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
3	o-Xylene	106	C8H10	000095-47-6	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\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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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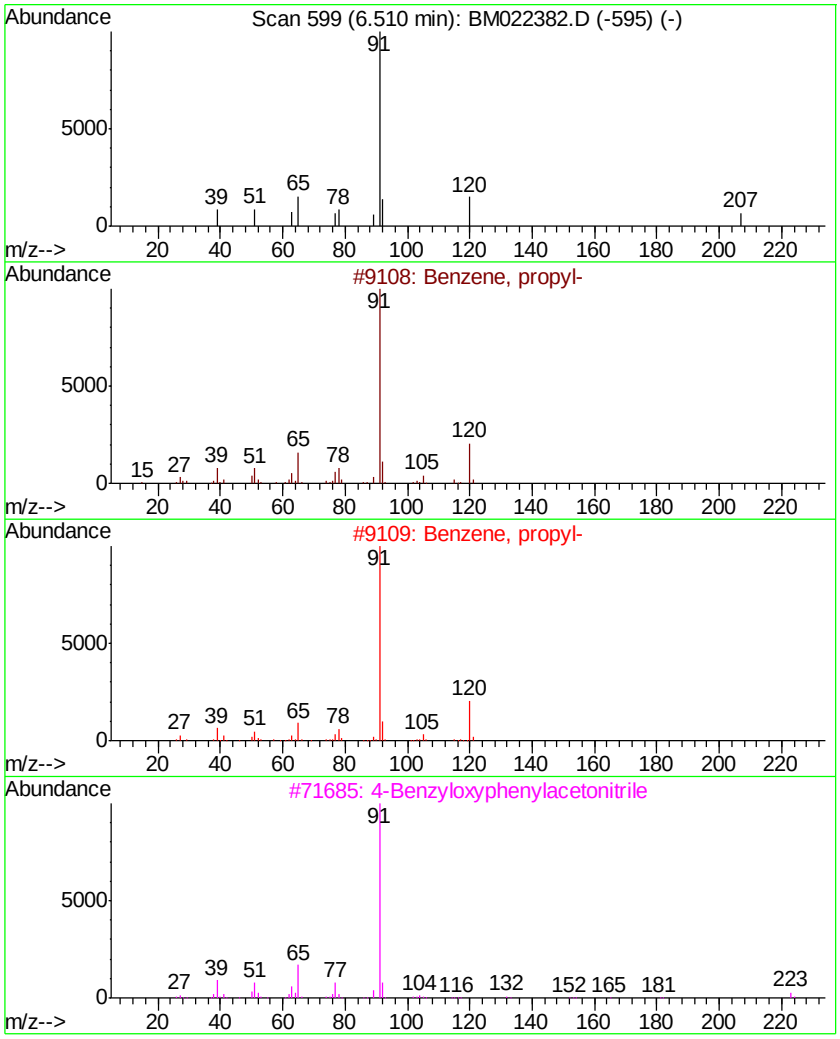
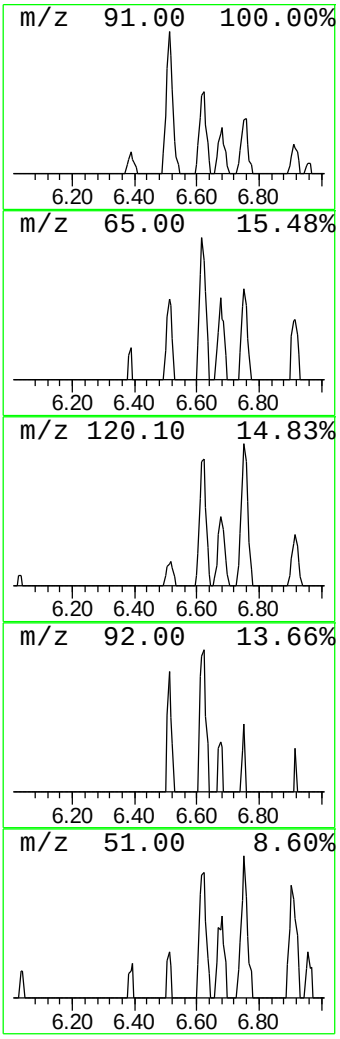
Peak Number 6 Benzene, propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	2.21 ng/ul	16946	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	80
2	Benzene, propyl-	120	C9H12	000103-65-1	72
3	4-Benzyloxyphenylacetonitrile	223	C15H13NO	000838-96-0	53
4	Acetamide, 2-[4-(4-benzyloxy)phe...	347	C22H21NO3	1000259-31-8	50
5	N-Carboxybenzyl-S-benzylcysteine	345	C18H19NO4S	005619-12-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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

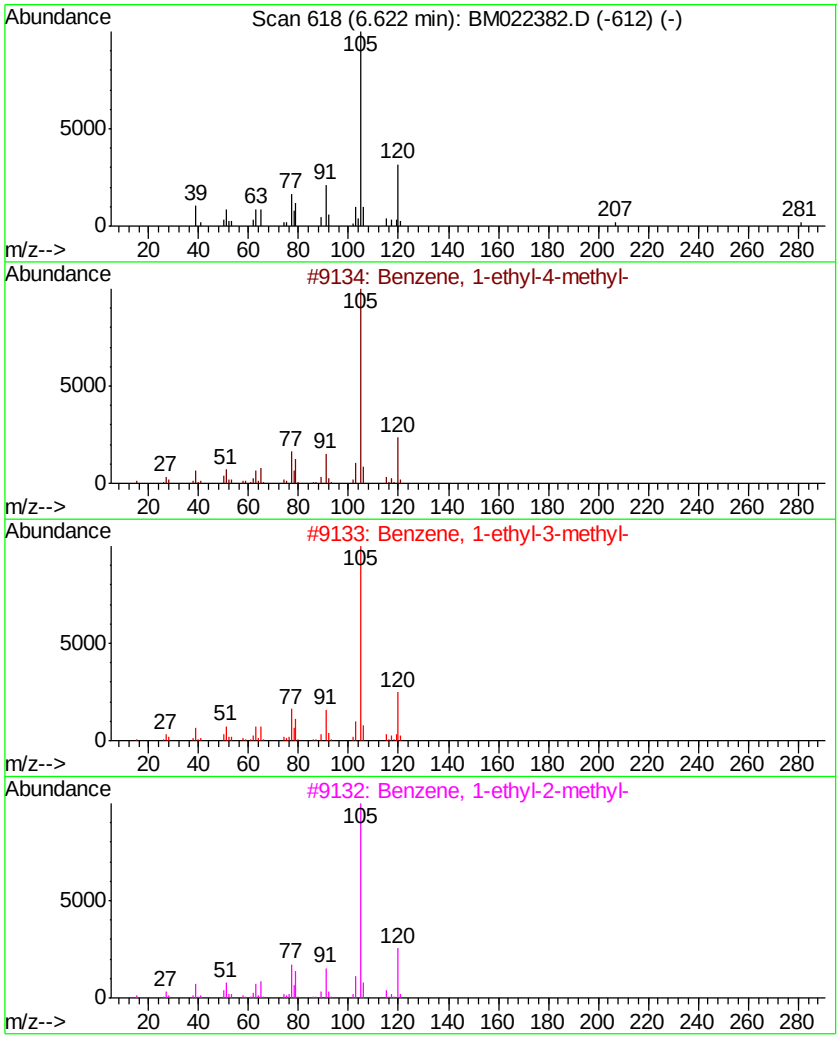
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

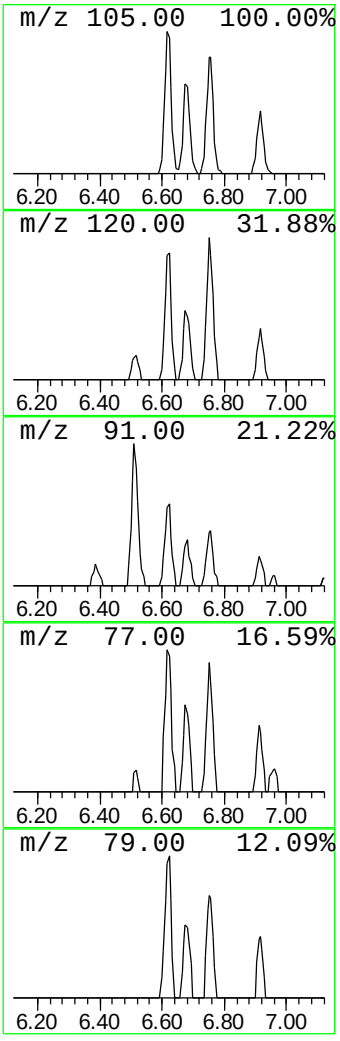
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	10.42 ng/ul	79726	1,4-Dichlorobenzene-d4	7.53

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	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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

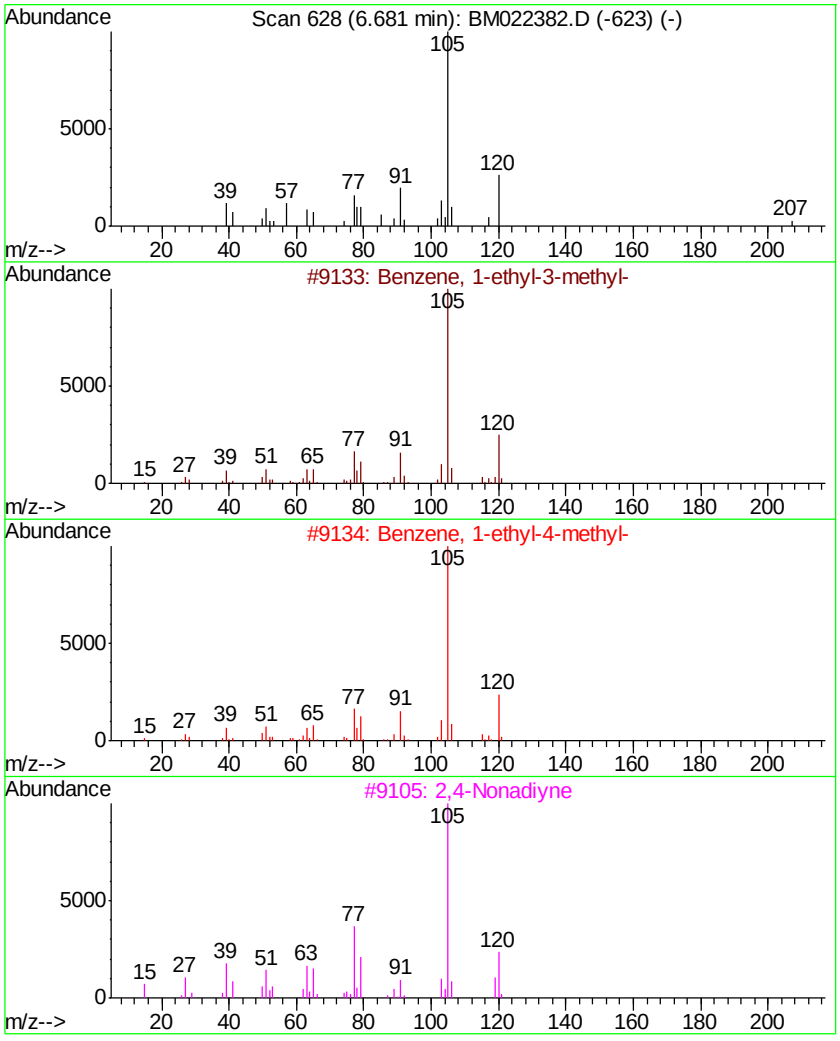
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

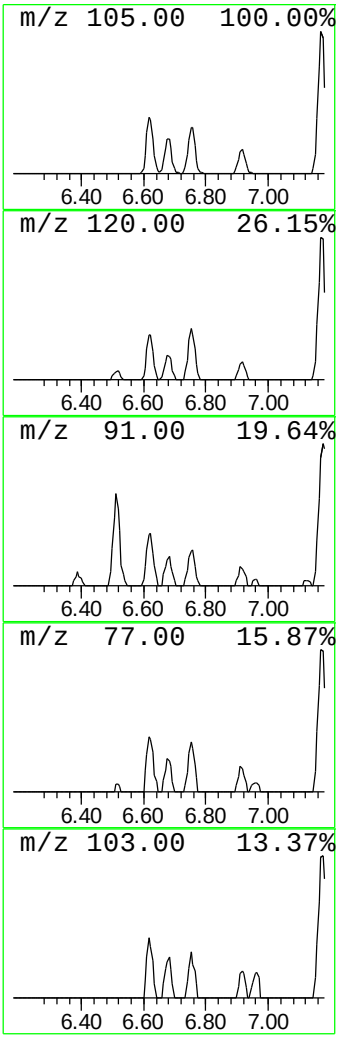
****

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	6.51 ng/ul	49806	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	2,4-Nonadiyne	120	C9H12	063621-15-8	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64





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Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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Quant Title : SVOA CALIBRATION

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

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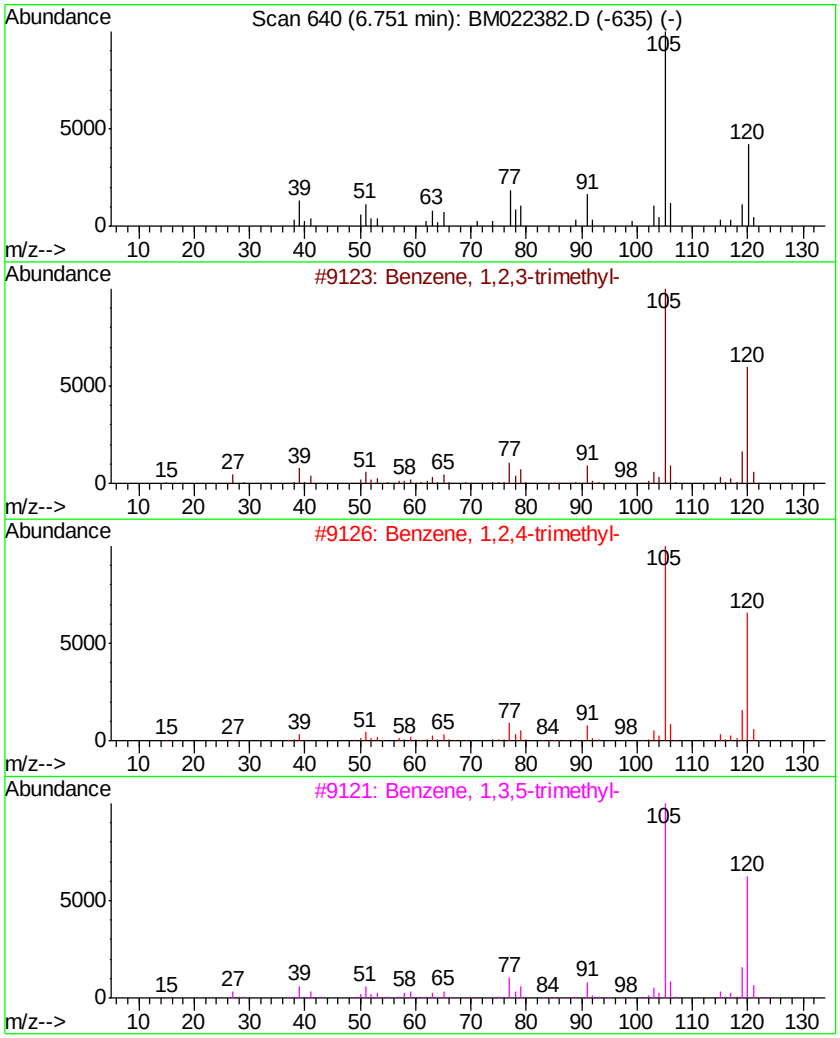
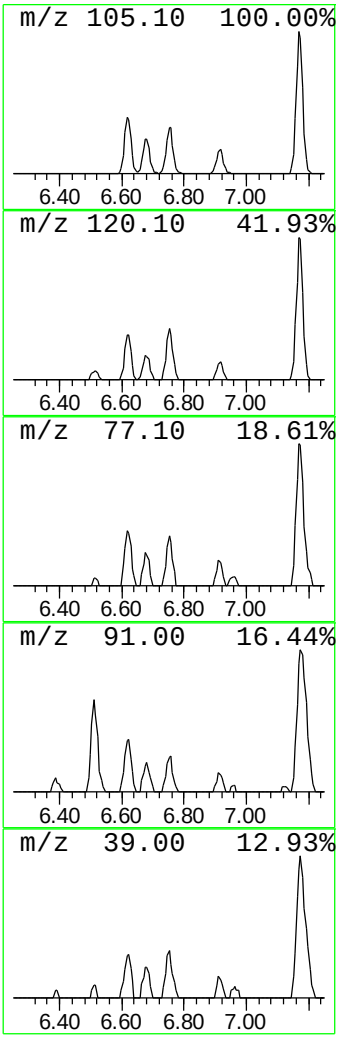
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	9.50 ng/ul	72675	1,4-Dichlorobenzene-d4	7.53

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





Library Search Compound Report

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Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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Quant Title : SVOA CALIBRATION

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

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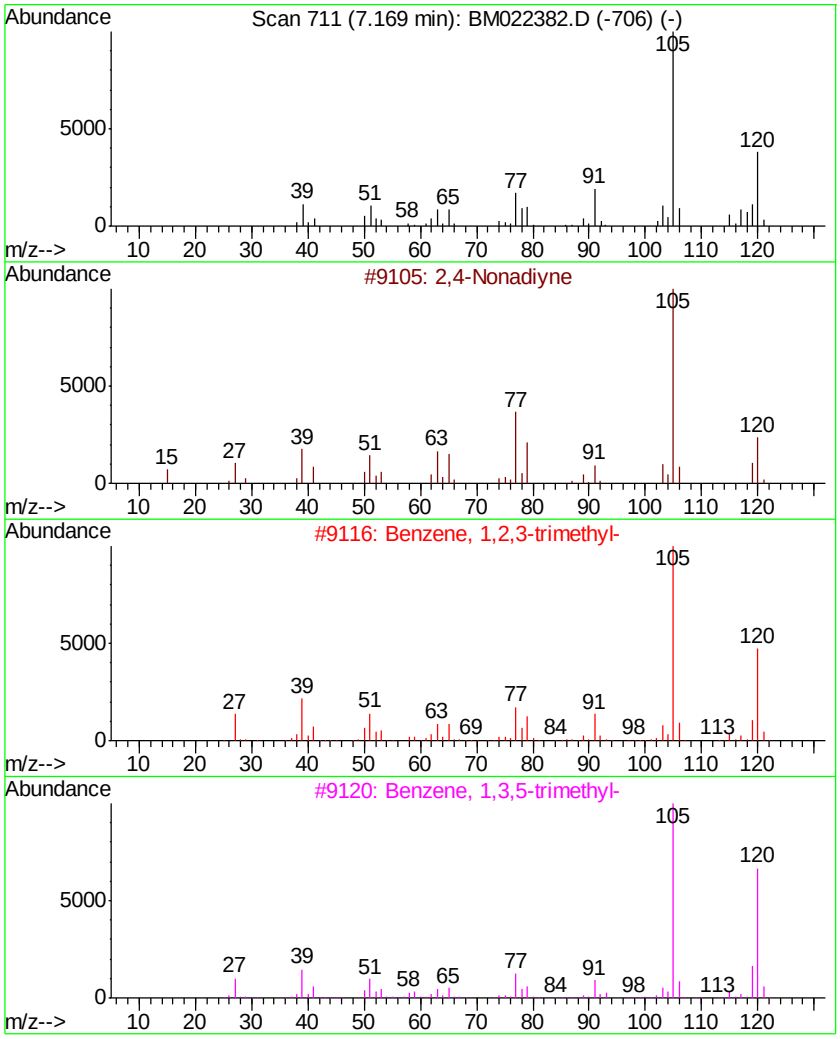
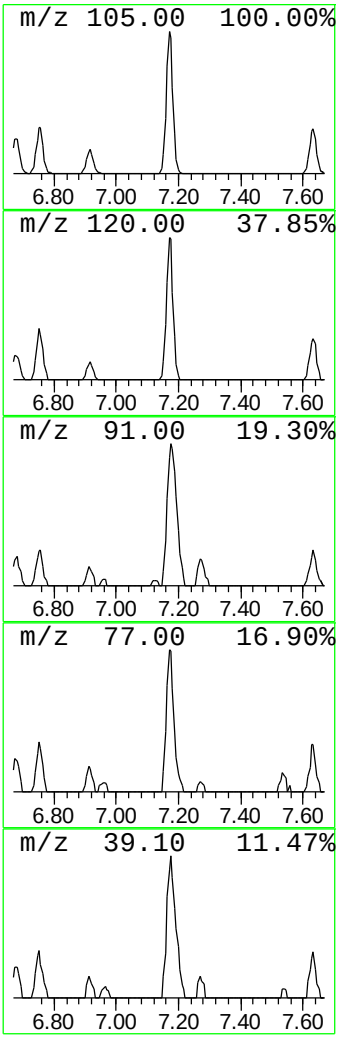
Peak Number 10 2,4-Nonadiyne Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	44.40 ng/ul	339798	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadiyne	120	C9H12	063621-15-8	92
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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Quant Title : SVOA CALIBRATION

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

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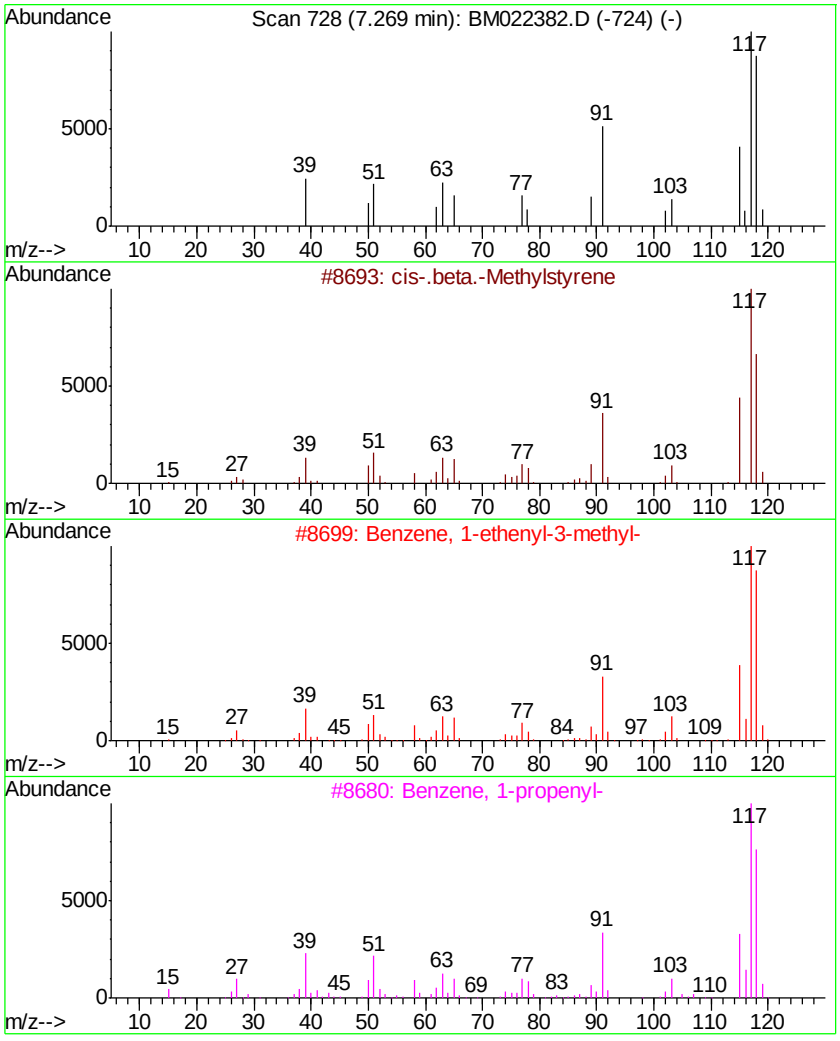
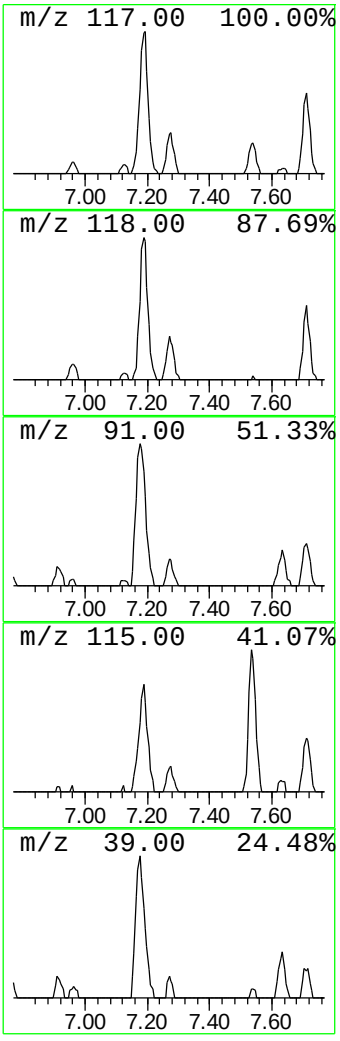
Peak Number 11 cis-.beta.-Methylstyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	3.28 ng/ul	25065	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	93
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87





Library Search Compound Report

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Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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Quant Title : SVOA CALIBRATION

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

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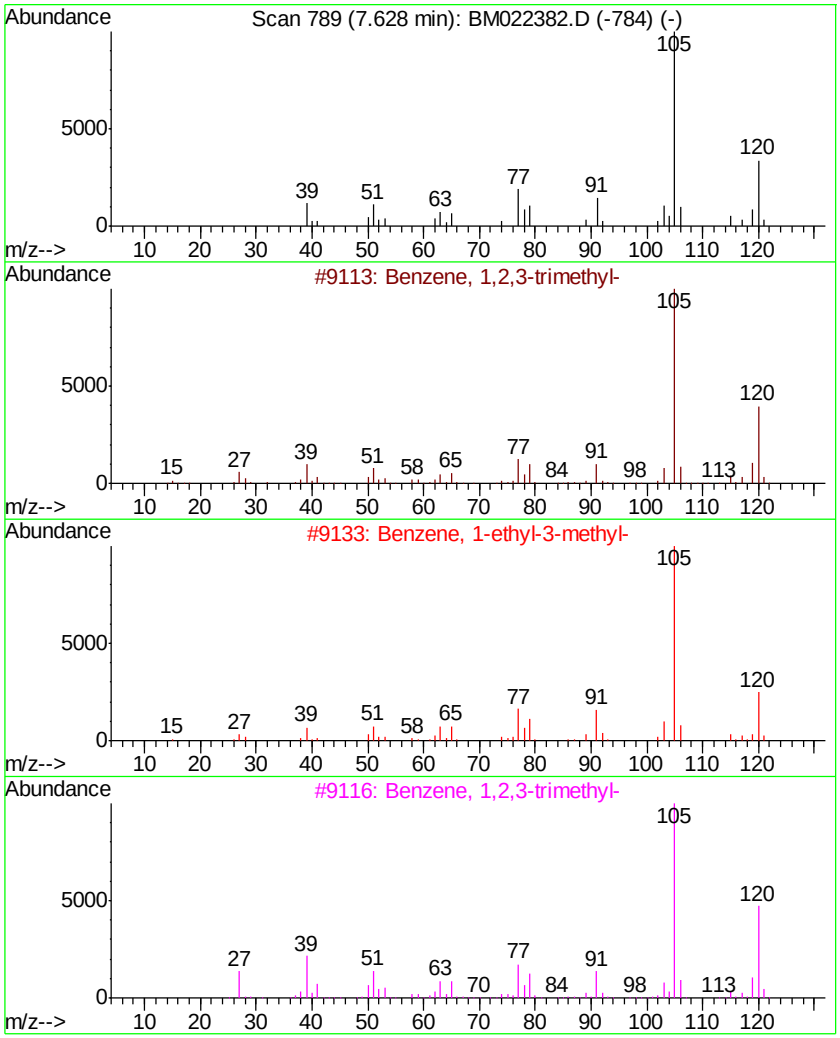
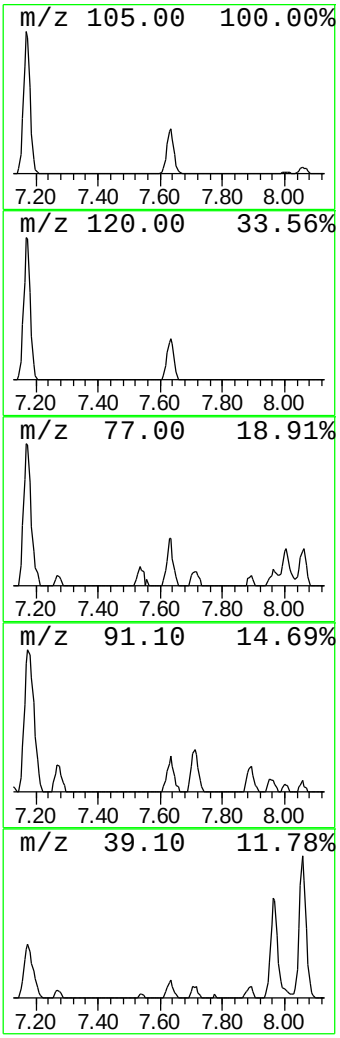
Peak Number 12 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	8.93 ng/ul	68320	1,4-Dichlorobenzene-d4	7.53

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





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Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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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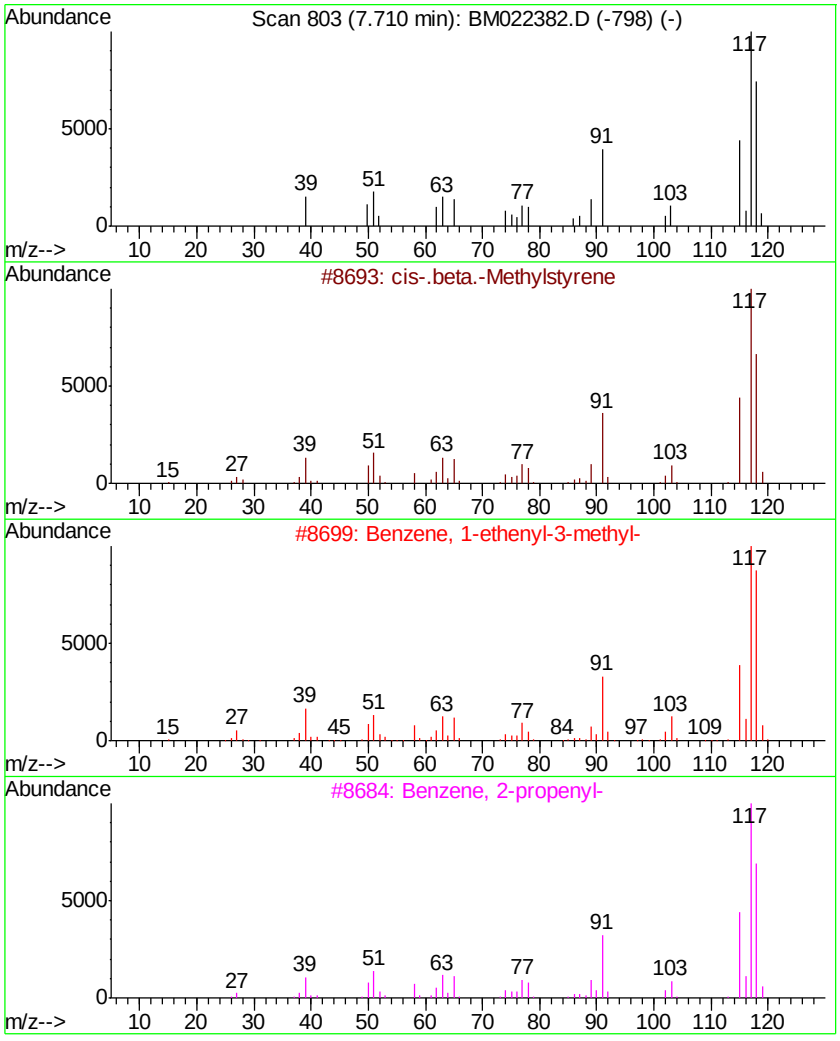
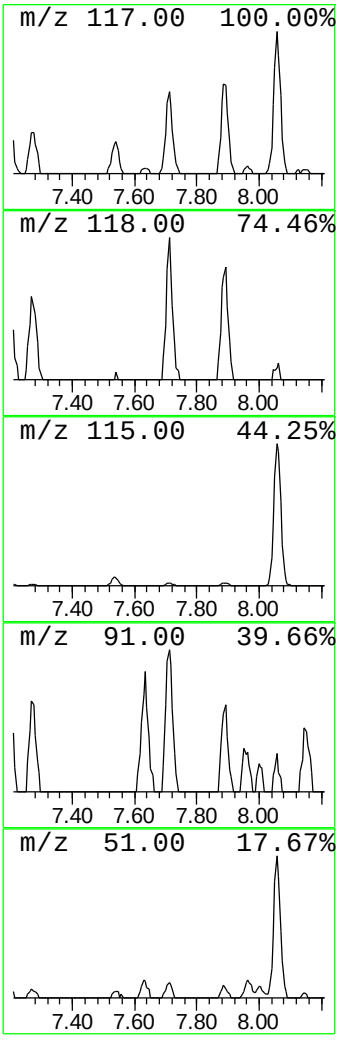
Peak Number 13 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	6.36 ng/ul	48646	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	86





Library Search Compound Report

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Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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 14 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	6.72 ng/ul	51408	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	62
2	Indane	118	C9H10	000496-11-7	62
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
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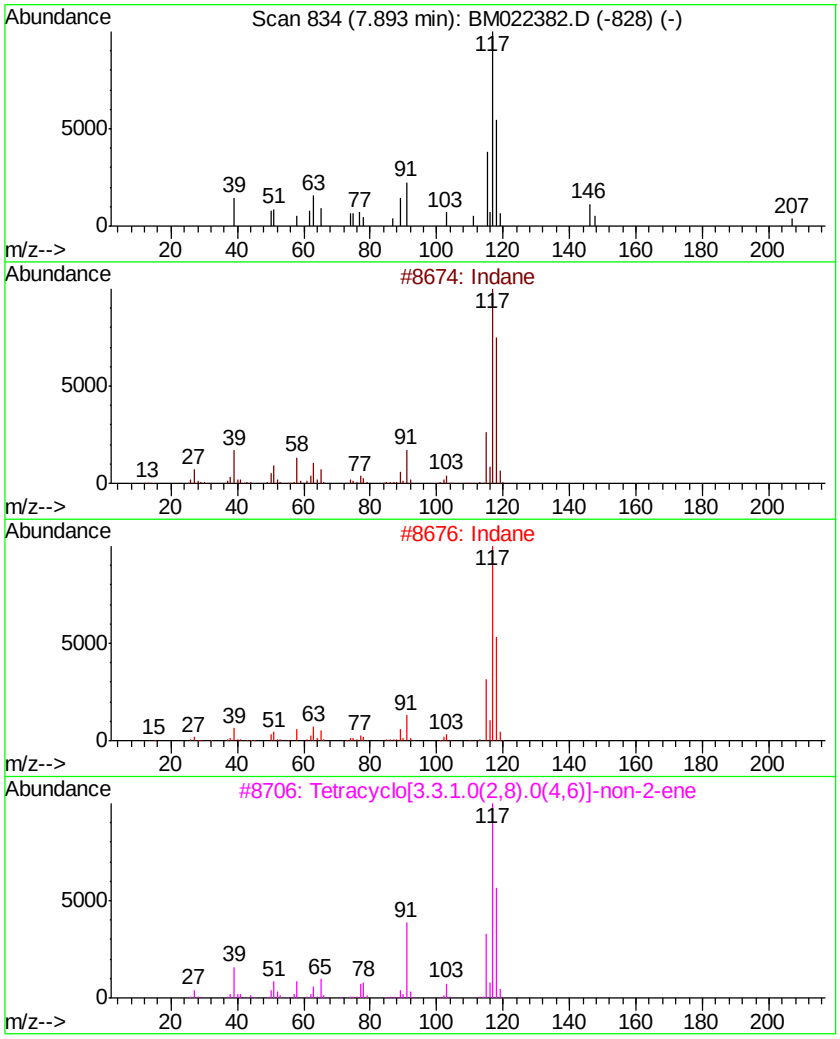

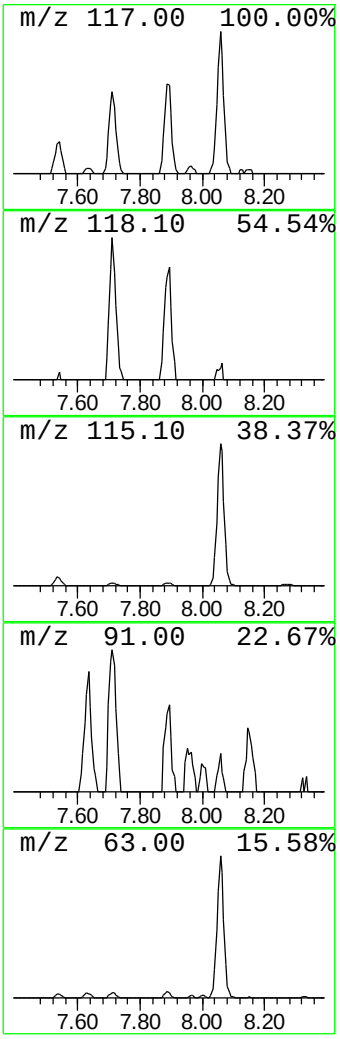

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Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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Quant Title : SVOA CALIBRATION

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

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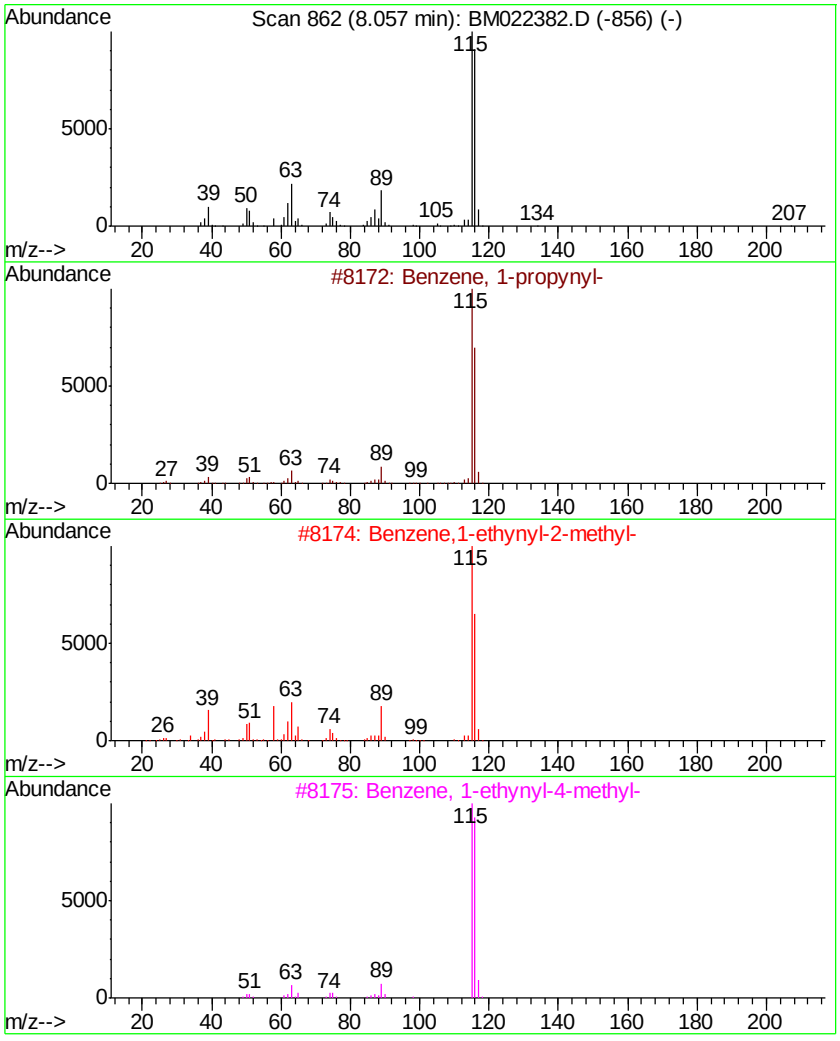
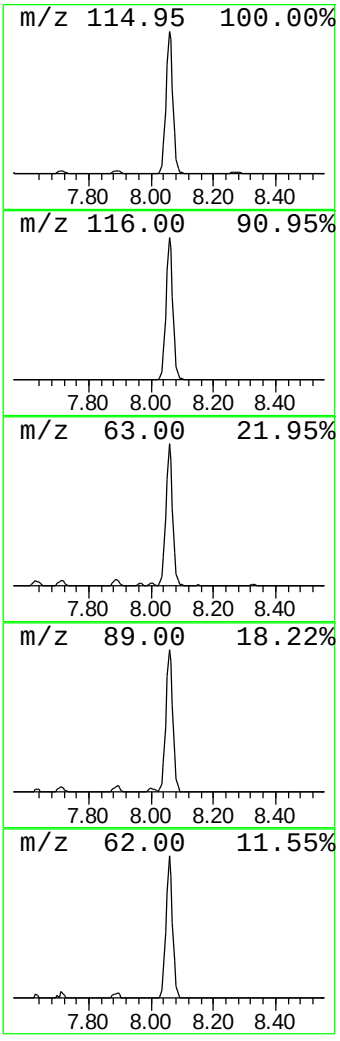
Peak Number 15 Benzene, 1-propynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	109.09 ng/ul	834776	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Indene	116	C9H8	000095-13-6	91





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Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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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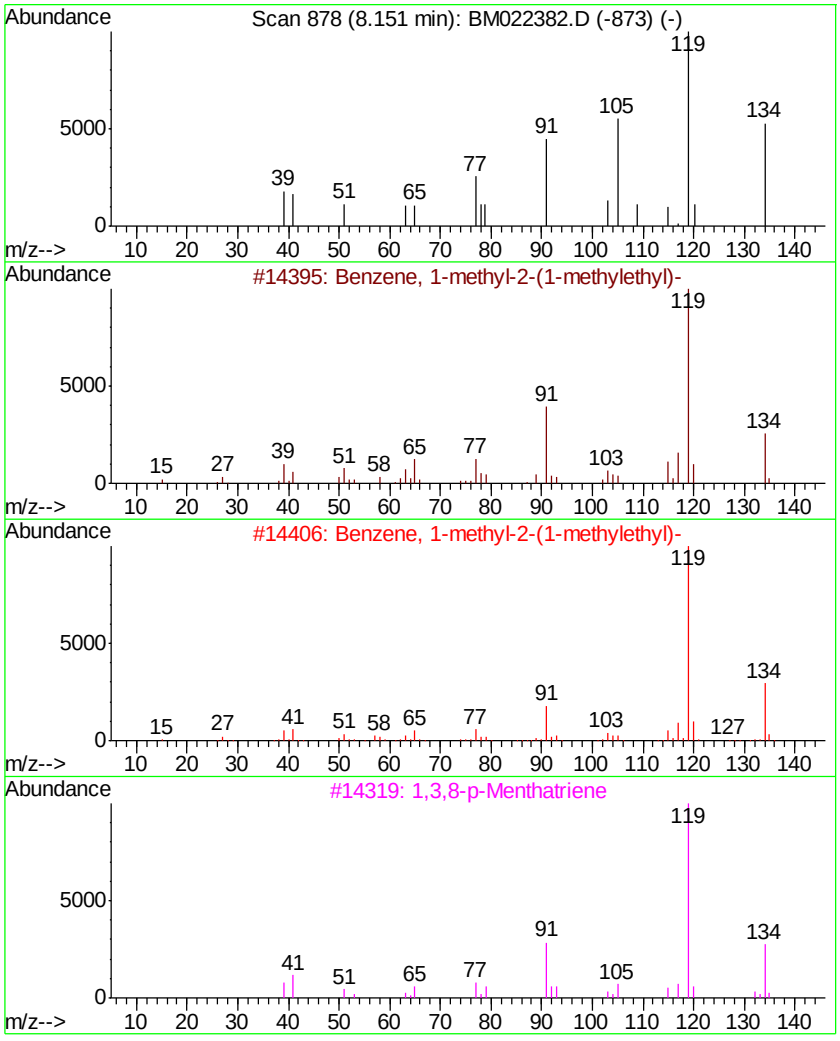
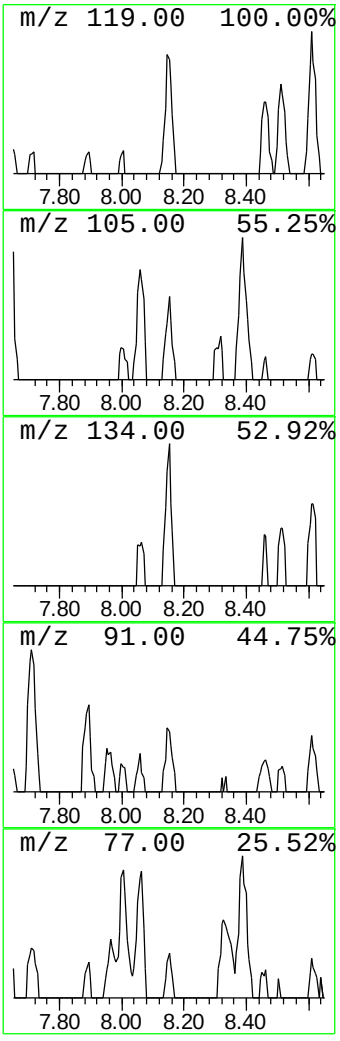
Peak Number 16 Benzene, 1-methyl-2-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	2.19 ng/ul	16784	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50
3	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	45
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	38
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	38





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Sample : K4414-06DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : ETJQ9DL

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Quant Title : SVOA CALIBRATION

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

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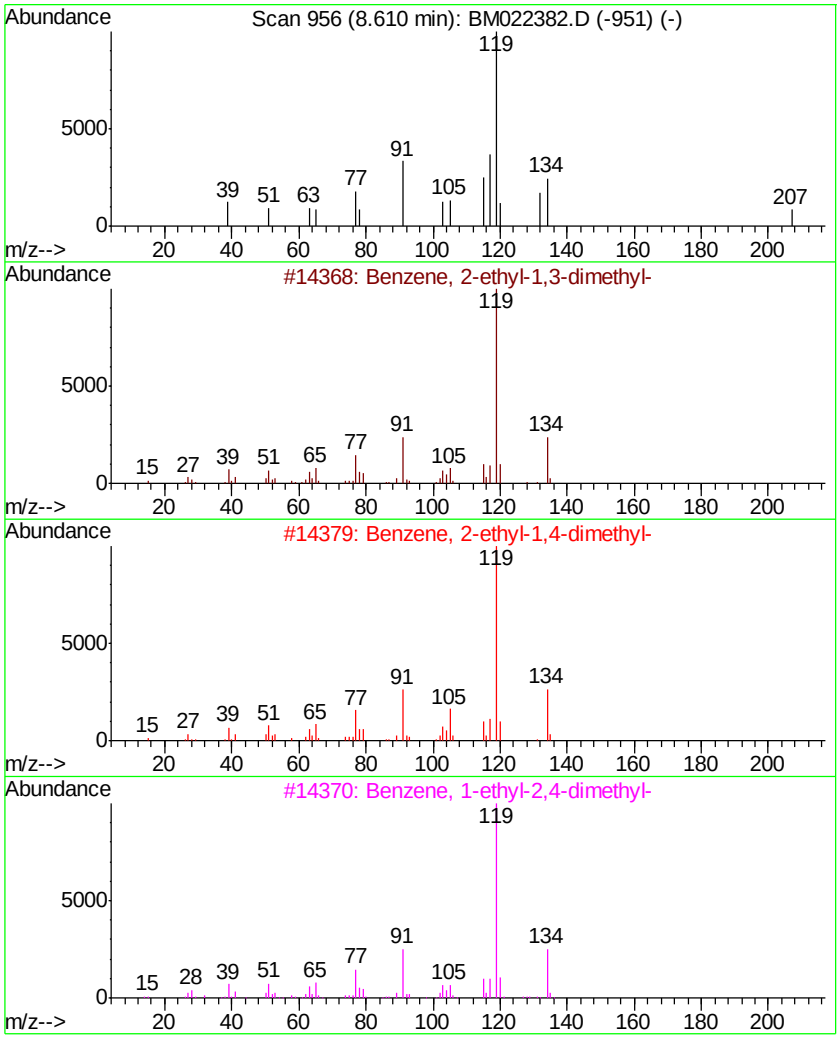
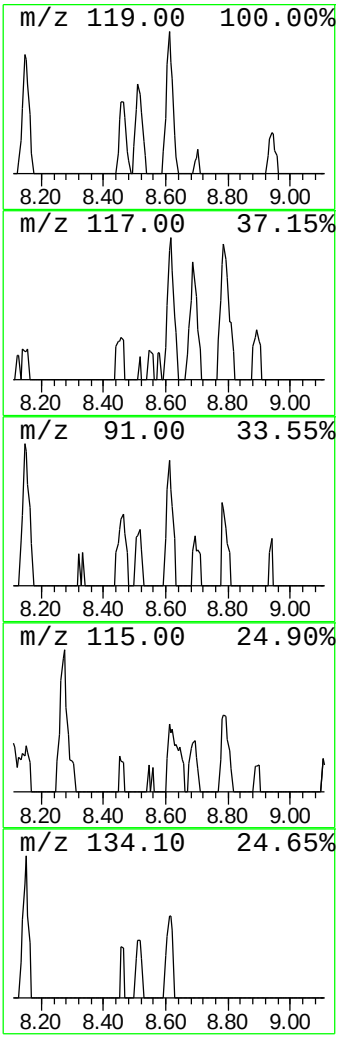
Peak Number 17 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.36 ng/ul	18087	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : ETJQ9DL

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Quant Title : SVOA CALIBRATION

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

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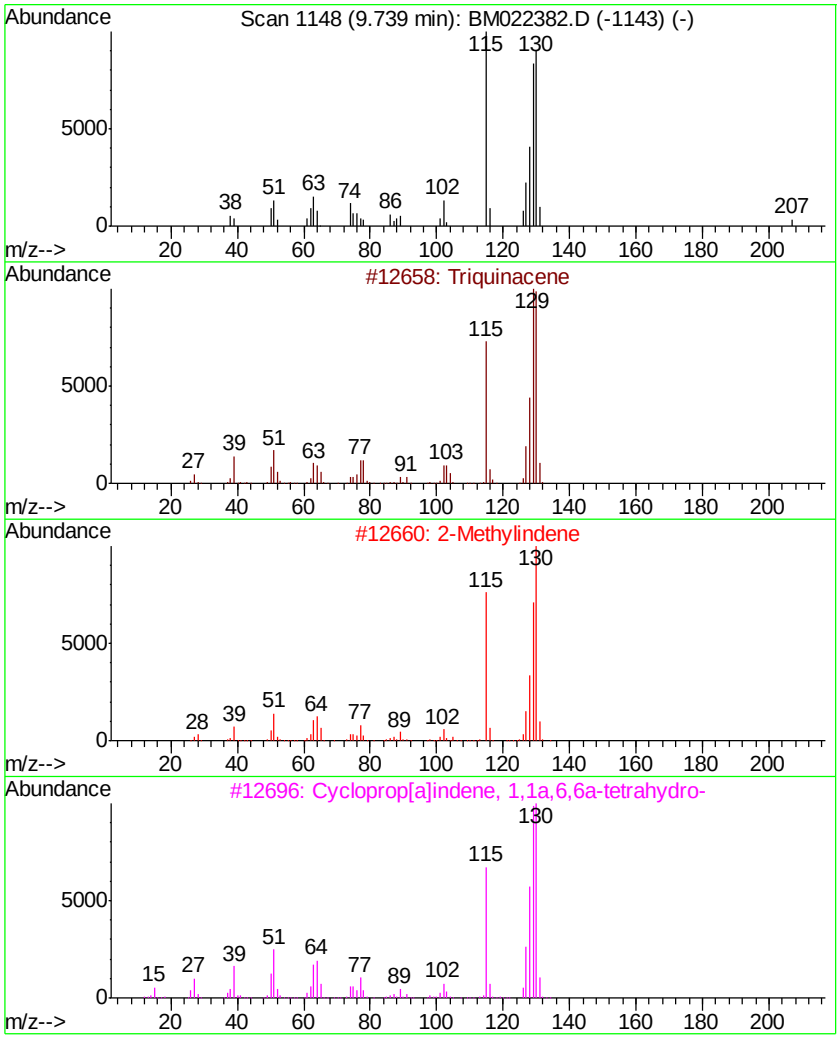
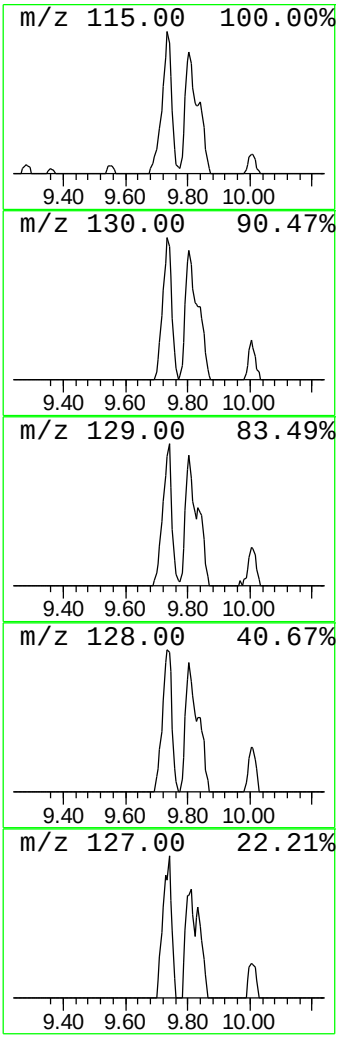
Peak Number 18 Triquinacene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	11.19 ng/ul	130722	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triquinacene	130	C10H10	006053-74-3	89
2	2-Methylindene	130	C10H10	002177-47-1	89
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	81
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	81
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	76





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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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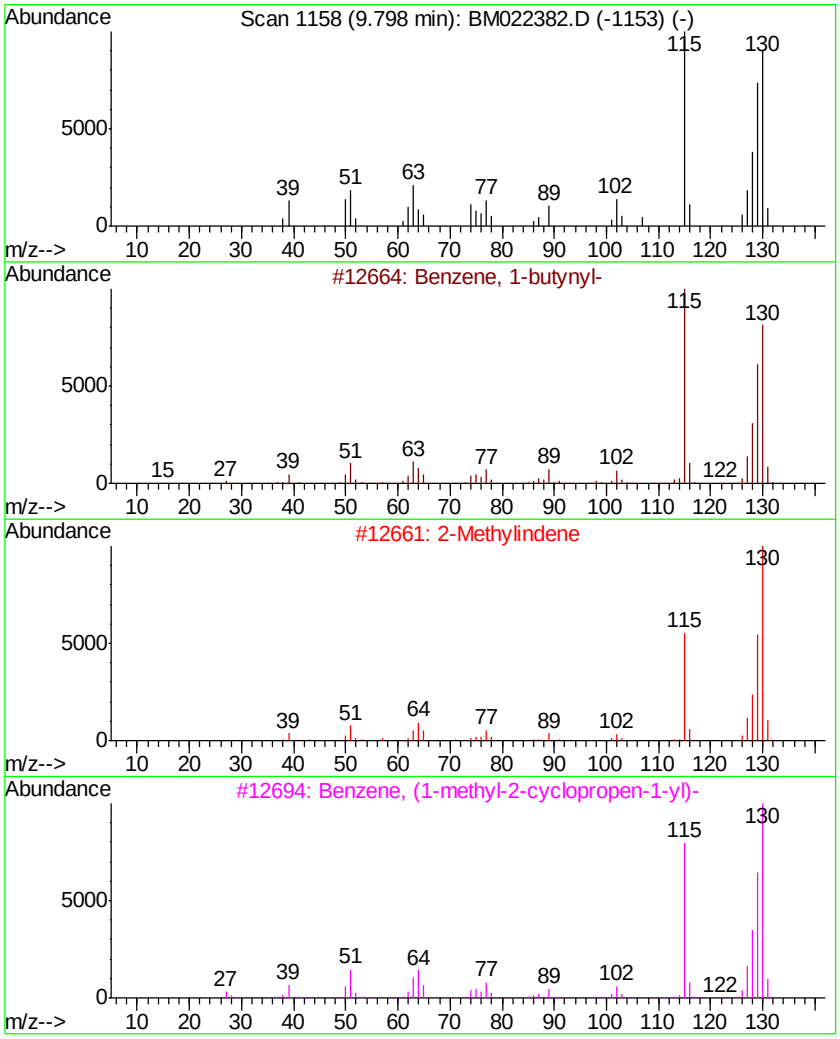
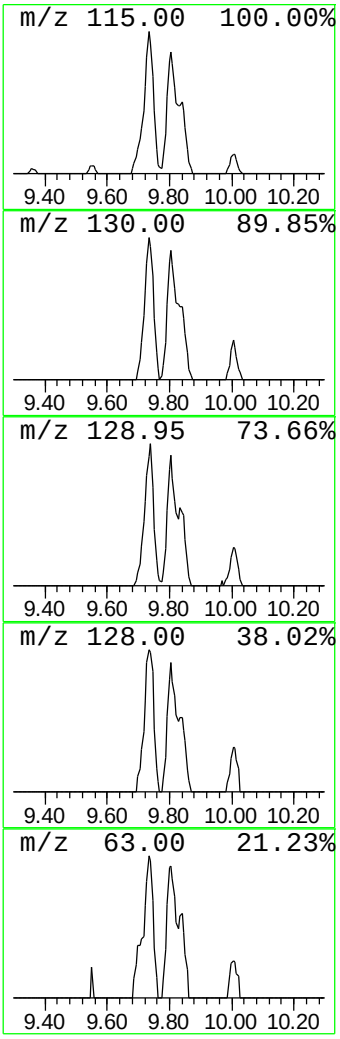
Peak Number 19 Benzene, 1-butynyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	10.58 ng/ul	123690	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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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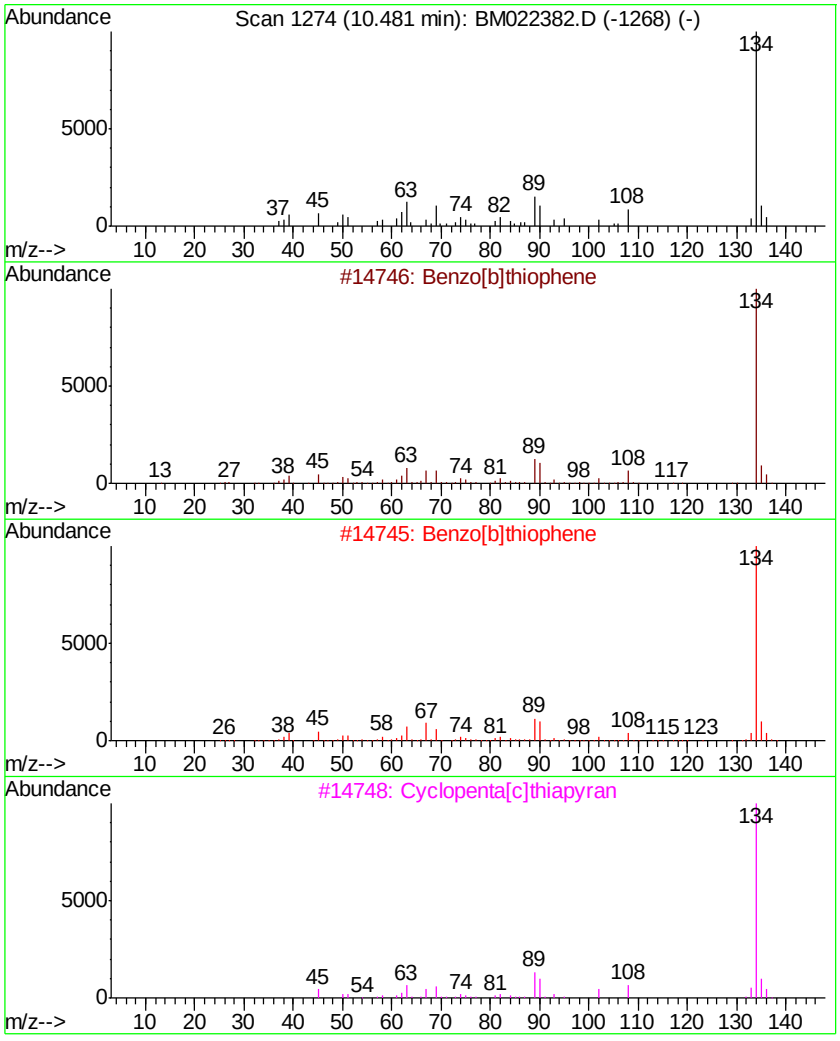
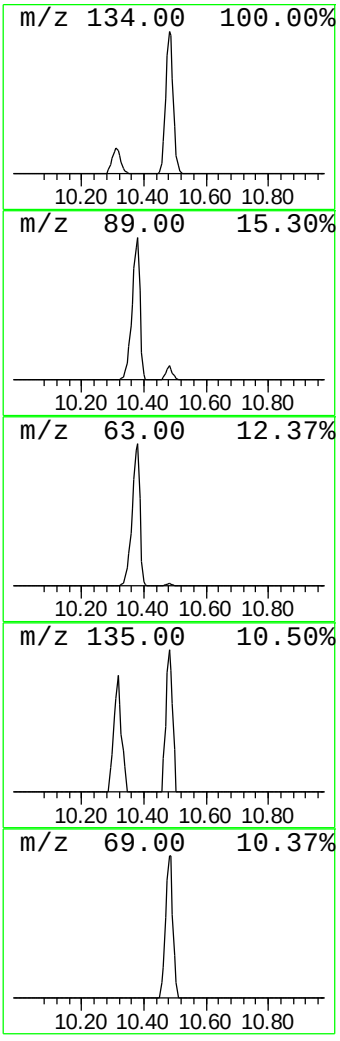
Peak Number 20 Benzo[b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	10.74 ng/ul	125549	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
4	2-Benzothiophene #	134	C8H6S	000270-82-6	90
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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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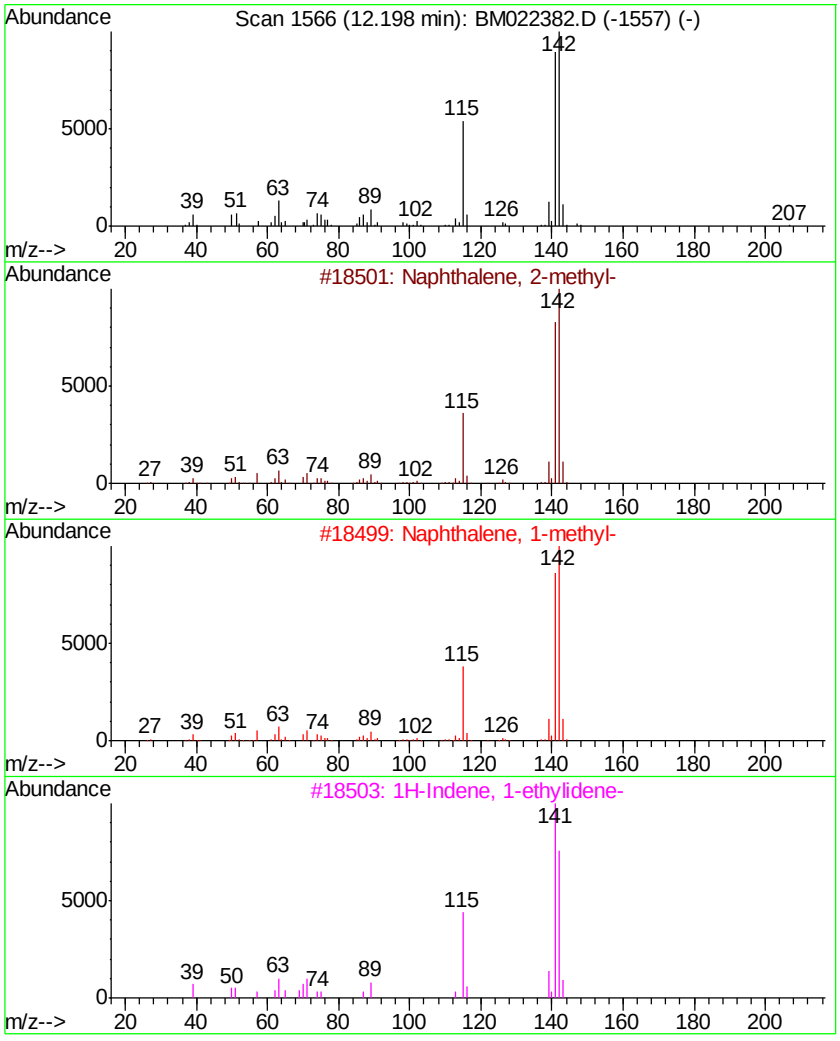
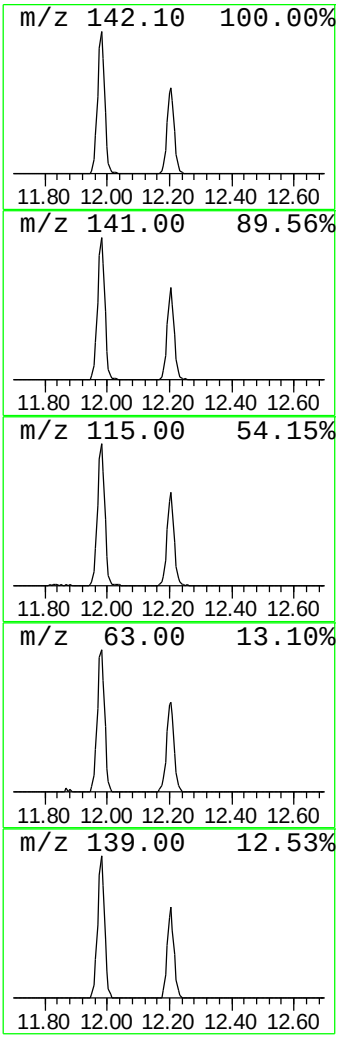
Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	47.93 ng/ul	560088	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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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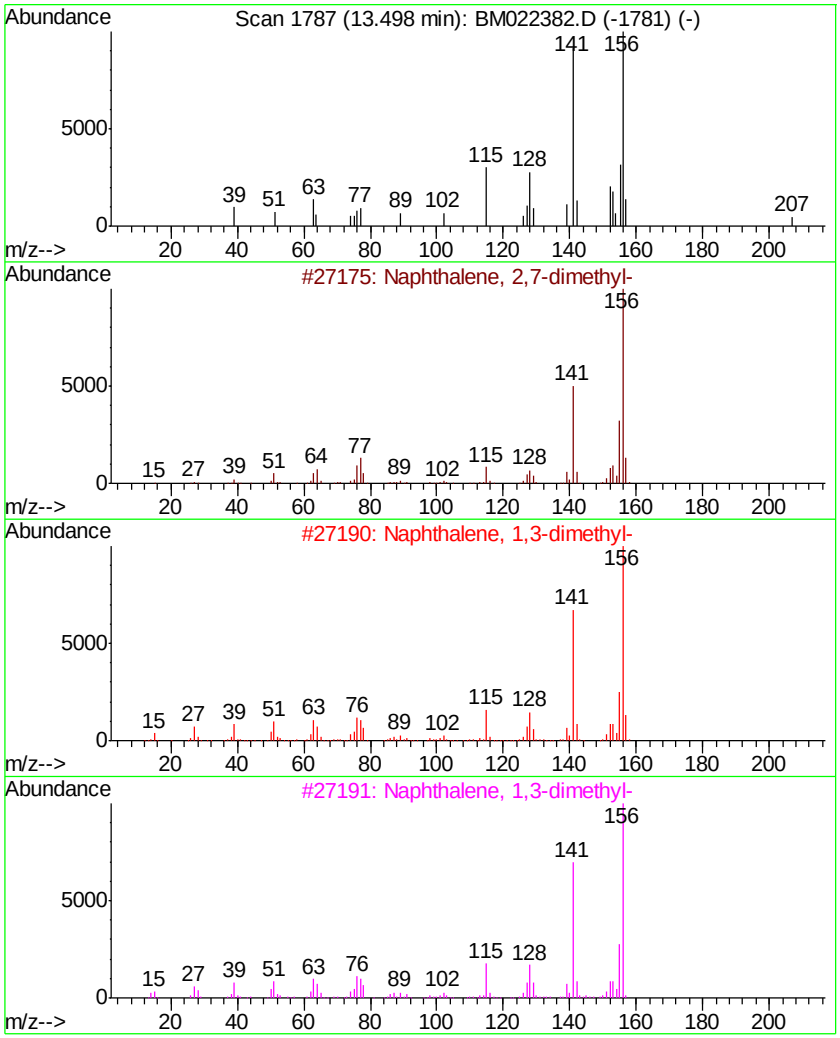
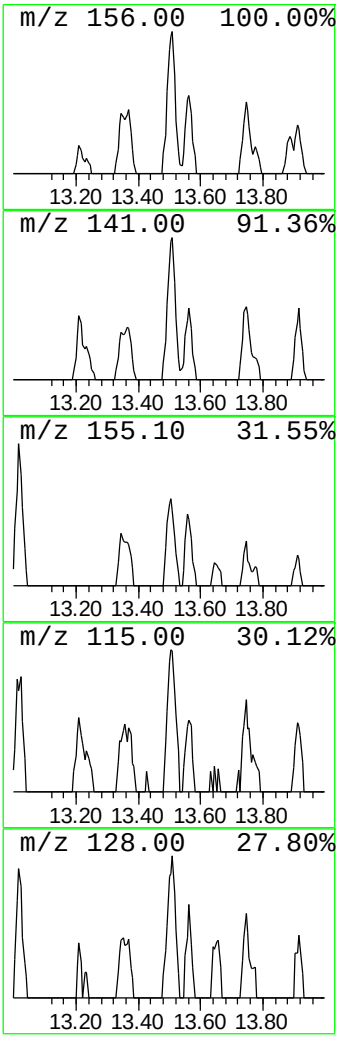
Peak Number 22 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.19 ng/ul	57131	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\
Data File : BM022382.D
Acq On : 28 Aug 2019 11:08
Operator : HP/JU
Sample : K4414-06DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJQ9DL

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	24.6	ng/ul	188363	1	7.53	153047	20.0
Toluene	3.80	456.3	ng/ul	3491450	1	7.53	153047	20.0
Ethylbenzene	5.08	59.9	ng/ul	458320	1	7.53	153047	20.0
p-Xylene	5.20	122.5	ng/ul	937388	1	7.53	153047	20.0
o-Xylene	5.56	56.2	ng/ul	430357	1	7.53	153047	20.0
Benzene, propyl-	6.51	2.2	ng/ul	16946	1	7.53	153047	20.0
Benzene, 1-ethyl-...	6.62	10.4	ng/ul	79726	1	7.53	153047	20.0
Benzene, 1-ethyl-...	6.68	6.5	ng/ul	49806	1	7.53	153047	20.0
Benzene, 1,2,3-tr...	6.75	9.5	ng/ul	72675	1	7.53	153047	20.0
2,4-Nonadiyne	7.17	44.4	ng/ul	339798	1	7.53	153047	20.0
cis-.beta.-Methyl...	7.27	3.3	ng/ul	25065	1	7.53	153047	20.0
unknown-01	7.63	8.9	ng/ul	68320	1	7.53	153047	20.0
unknown-02	7.71	6.4	ng/ul	48646	1	7.53	153047	20.0
Indane	7.89	6.7	ng/ul	51408	1	7.53	153047	20.0
Benzene, 1-propynyl-	8.06	109.1	ng/ul	834776	1	7.53	153047	20.0
Benzene, 1-methyl...	8.15	2.2	ng/ul	16784	1	7.53	153047	20.0
Benzene, 2-ethyl-...	8.61	2.4	ng/ul	18087	1	7.53	153047	20.0
Triquinacene	9.74	11.2	ng/ul	130722	2	10.31	233713	20.0
Benzene, 1-butynyl-	9.80	10.6	ng/ul	123690	2	10.31	233713	20.0
Benzo[b]thiophene	10.48	10.7	ng/ul	125549	2	10.31	233713	20.0
Naphthalene, 1-me...	12.20	47.9	ng/ul	560088	2	10.31	233713	20.0
Naphthalene, 2,7-...	13.50	3.2	ng/ul	57131	3	14.19	358525	20.0