LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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	3.075	10	15	29	rVB	237485	415891	0.61%	0.308%
2	3.446	72	78	97	rVB	5352875	6455882	9.42%	4.775%
3	3.834	133	144	148	rBV2	29341715	68540066	100.00%	50.693%
4	4.005	169	173	188	rVB	331225	443574	0.65%	0.328%
5	4.305	219	224	231	rVB	51839	77251	0.11%	0.057%
6	5.075	349	355	363	rBV	1070578	1476437	2.15%	1.092%
7	5.205	371	377	389	rBV	1910547	3628628	5.29%	2.684%
8	5.558	429	437	448	rBV3	2252587	4299411	6.27%	3.180%
9	6.616	611	617	623	rBV2	95566	138722	0.20%	0.103%
10	6.681	623	628	634	rVB	85639	120652	0.18%	0.089%
11	6.752	634	640	652	rBB	82310	132241	0.19%	0.098%
12	6.911	661	667	671	rBV3	40435	71161	0.10%	0.053%
13	7.175	706	712	722	rVB4	329426	706085	1.03%	0.522%
14	7.269	722	728	736	rVB2	86713	141848	0.21%	0.105%
15	7.534	765	773	780	rBB	115184	176658	0.26%	0.131%
16	7.616	780	787	798	rBV2	431307	784231	1.14%	0.580%
17	7.710	798	803	809	rVB	67317	99081	0.14%	0.073%
18	7.887	828	833	840	rBB	74612	117517	0.17%	0.087%
19	7.975	840	848	856	rBV	532180	849258	1.24%	0.628%
20	8.075	856	865	873	rVV	5229301	7894664	11.52%	5.839%
21	8.152	873	878	886	rVB	49091	75211	0.11%	0.056%
22	9.269	1063	1068	1073	rBV2	45087	76834	0.11%	0.057%
23	9.734	1131	1147	1153	rBV3	152979	359687	0.52%	0.266%
24	9.804	1153	1159	1163	rBV	121626	241562	0.35%	0.179%
25	10.316	1238	1246	1247	rBV	118953	188066	0.27%	0.139%
26	10.393	1247	1259	1263	rVB	15803681	28620732	41.76%	21.168%
27	10.487	1268	1275	1282	rVB	274561	432807	0.63%	0.320%
28	10.957	1341	1355	1364	rBV	142097	378561	0.55%	0.280%
29	11.981	1521	1529	1537	rBV	604233	921452	1.34%	0.682%
30	12.204	1557	1567	1572	rBV	391810	667757	0.97%	0.494%
31	12.240	1572	1573	1580	rVV	55982	74294	0.11%	0.055%
32	13.016	1700	1705	1711	rVB	117393	162546	0.24%	0.120%
33	13.504	1781	1788	1794	rBV2	52739	92252	0.13%	0.068%
34	13.622	1804	1808	1811	rBV	86837	133361	0.19%	0.099%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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	13.887	1846	1853	1854	rBV	97701	133897	0.20%	0.099%
36	13.916	1854	1858	1865	rVB	303760	458333	0.67%	0.339%
37	14.192	1897	1905	1912	rBV	290076	432226	0.63%	0.320%
38	15.198	2071	2076	2081	rBV	148581	197974	0.29%	0.146%
39	15.251	2081	2085	2097	rVB	151052	225089	0.33%	0.166%
40	16.957	2369	2375	2379	rBV2	403071	564785	0.82%	0.418%
41	16.998	2379	2382	2388	rVV	630690	848958	1.24%	0.628%
42	17.057	2388	2392	2395	rVV2	149695	204039	0.30%	0.151%
43	17.092	2395	2398	2405	rVB	131009	178313	0.26%	0.132%
44	17.833	2519	2524	2529	rBV	62891	94380	0.14%	0.070%
45	17.880	2529	2532	2539	rVV	62065	90652	0.13%	0.067%
46	18.027	2552	2557	2561	rVV2	107866	173067	0.25%	0.128%
47	19.027	2722	2727	2734	rBV	259938	344603	0.50%	0.255%
48	19.186	2749	2754	2759	rVB	74632	93172	0.14%	0.069%
49	19.369	2779	2785	2787	rBV2	191564	267576	0.39%	0.198%
50	19.398	2787	2790	2794	rVV	366625	480734	0.70%	0.356%
51	21.174	3085	3092	3096	rBV2	509897	752724	1.10%	0.557%
52	21.210	3096	3098	3104	rVB	75506	99767	0.15%	0.074%
53	23.227	3438	3441	3445	rVB	69326	94898	0.14%	0.070%
54	23.368	3459	3465	3478	rVB	239358	477356	0.70%	0.353%

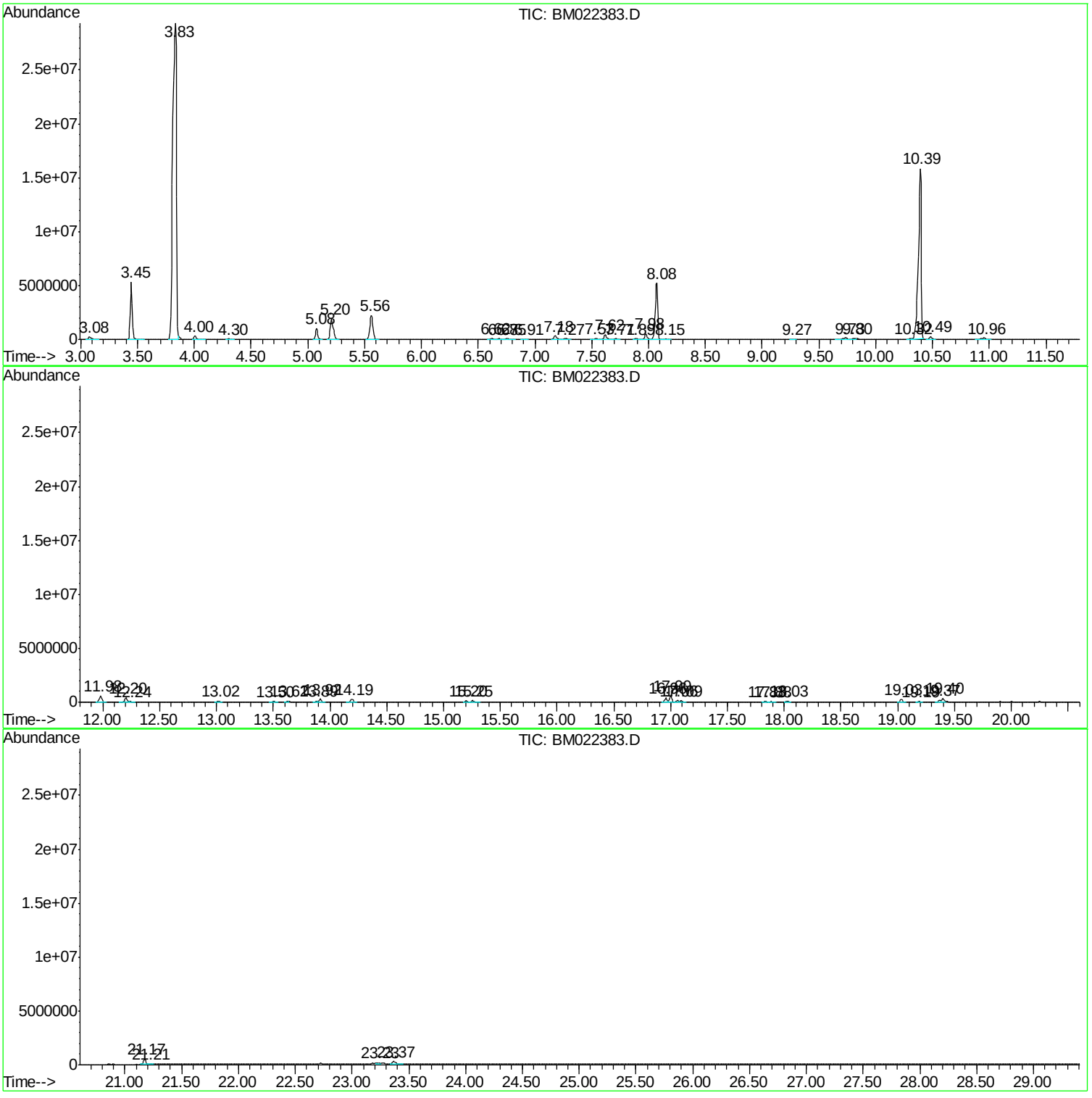
Sum of corrected areas: 135206923

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETJR1DL

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 : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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

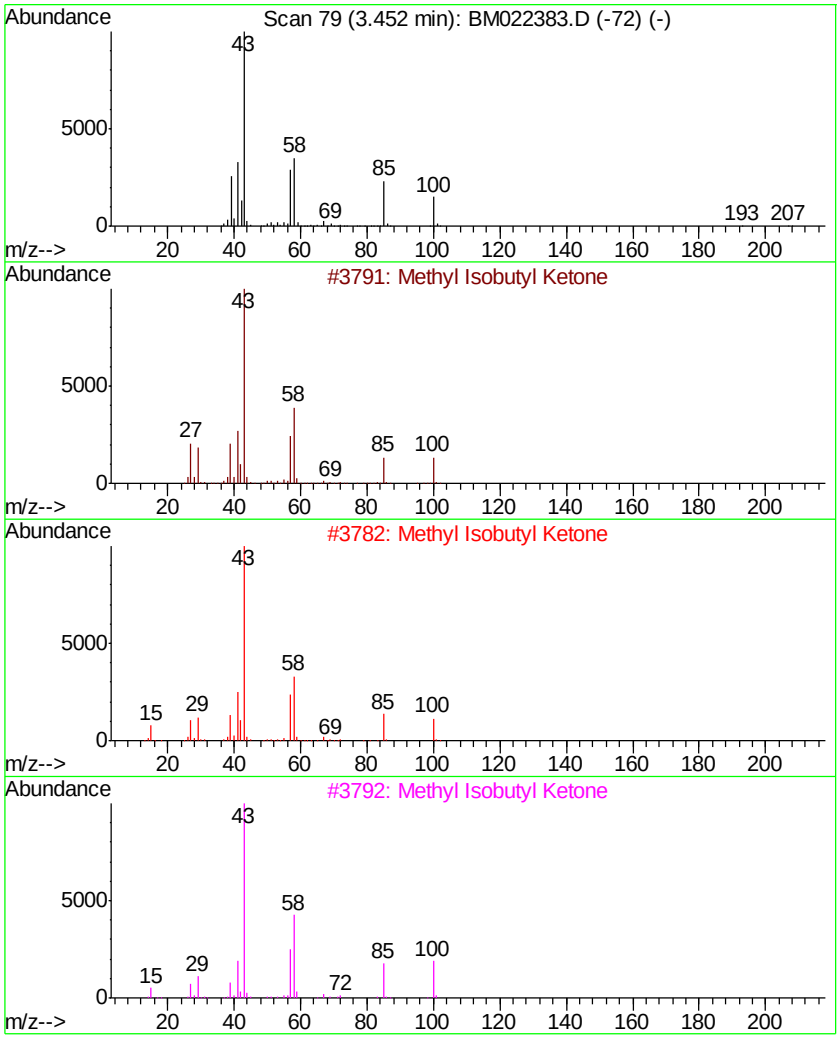
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

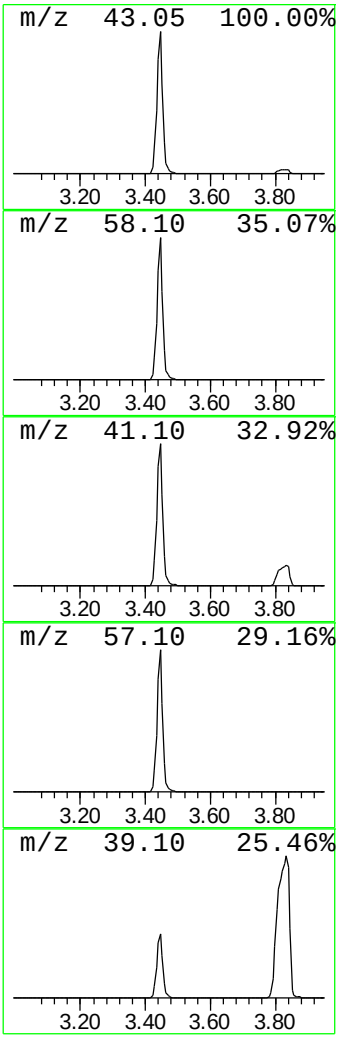
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	730.89 ng/ul	6455880	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	81
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	74
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	58
5	2,4-Pentanedione	100	C5H8O2	000123-54-6	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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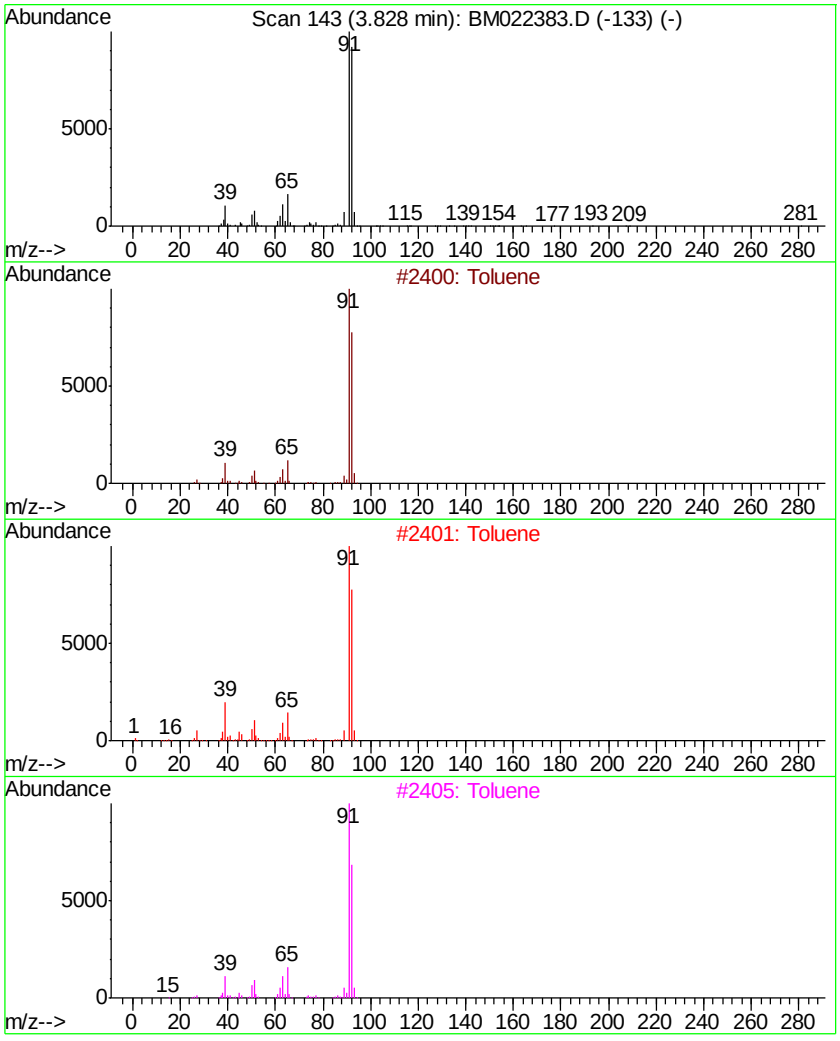
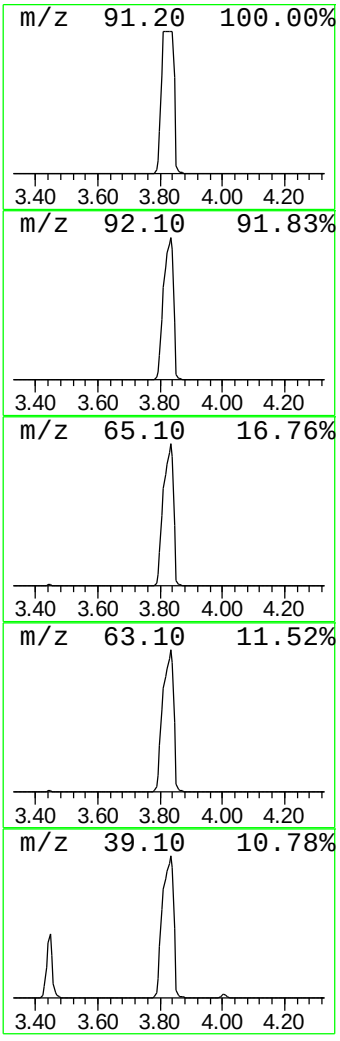
Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	7759.63 ng/ul	68540100	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	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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

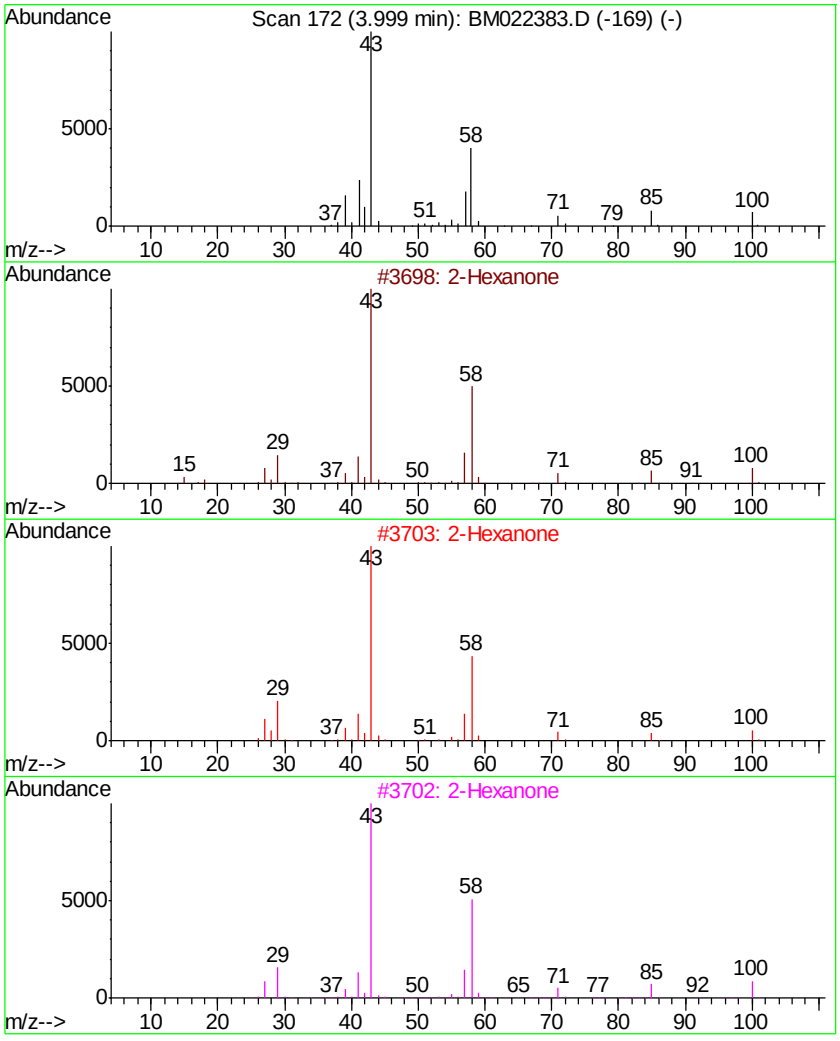
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

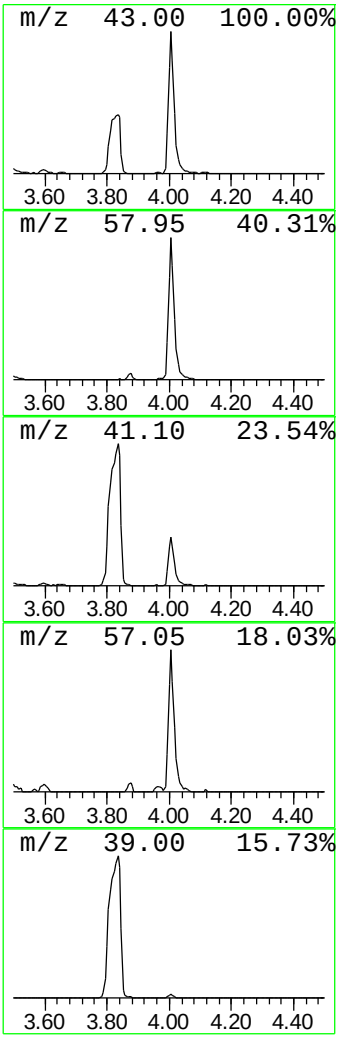
****

Peak Number 3 2-Hexanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	50.22 ng/ul	443574	1,4-Dichlorobenzene-d4	7.54

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	86
3	2-Hexanone	100	C6H12O	000591-78-6	80
4	2-Hexanone, 4-hydroxy-5-methyl-3...	172	C10H20O2	061141-74-0	74
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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

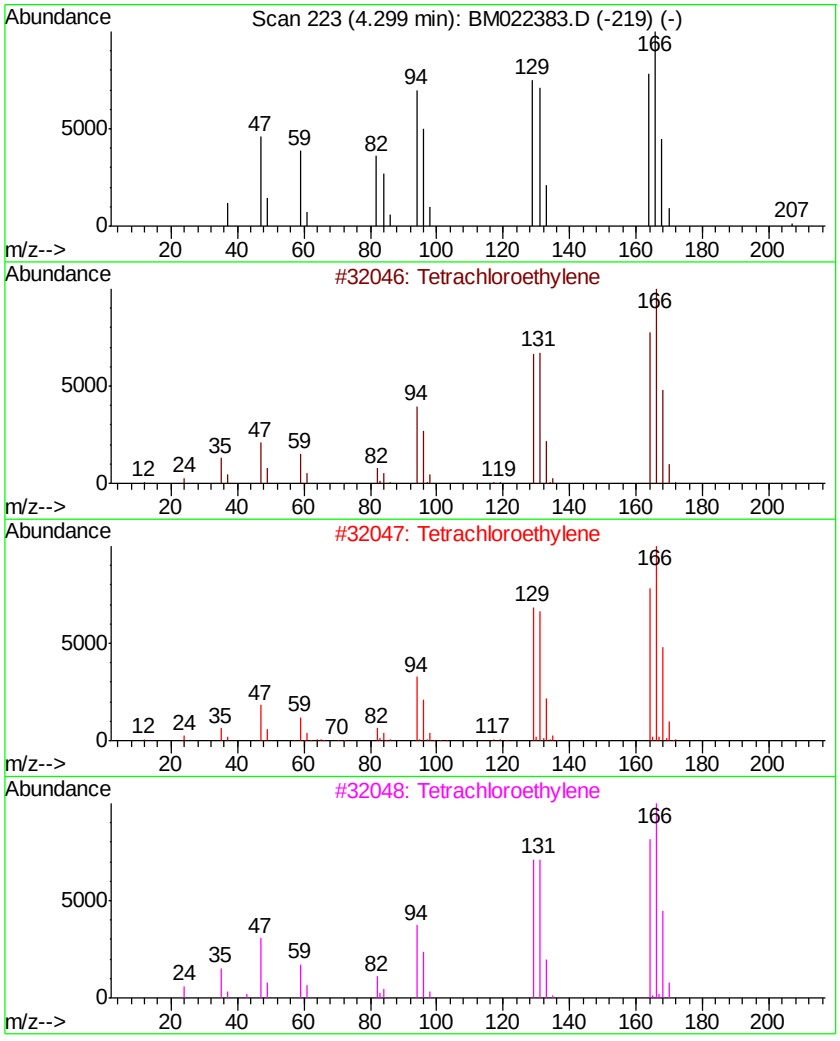
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

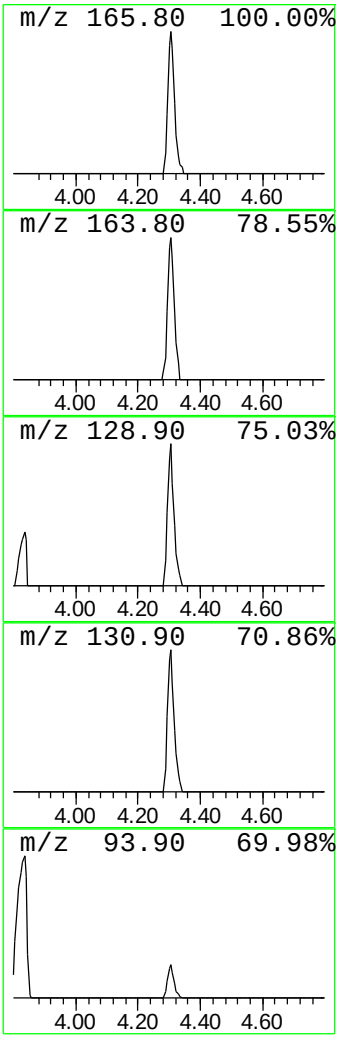
****

Peak Number 4 Tetrachloroethylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	8.75 ng/ul	77251	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	94
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	93
4	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	22
5	Ethyne, dichloro-	94	C2Cl2	007572-29-4	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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

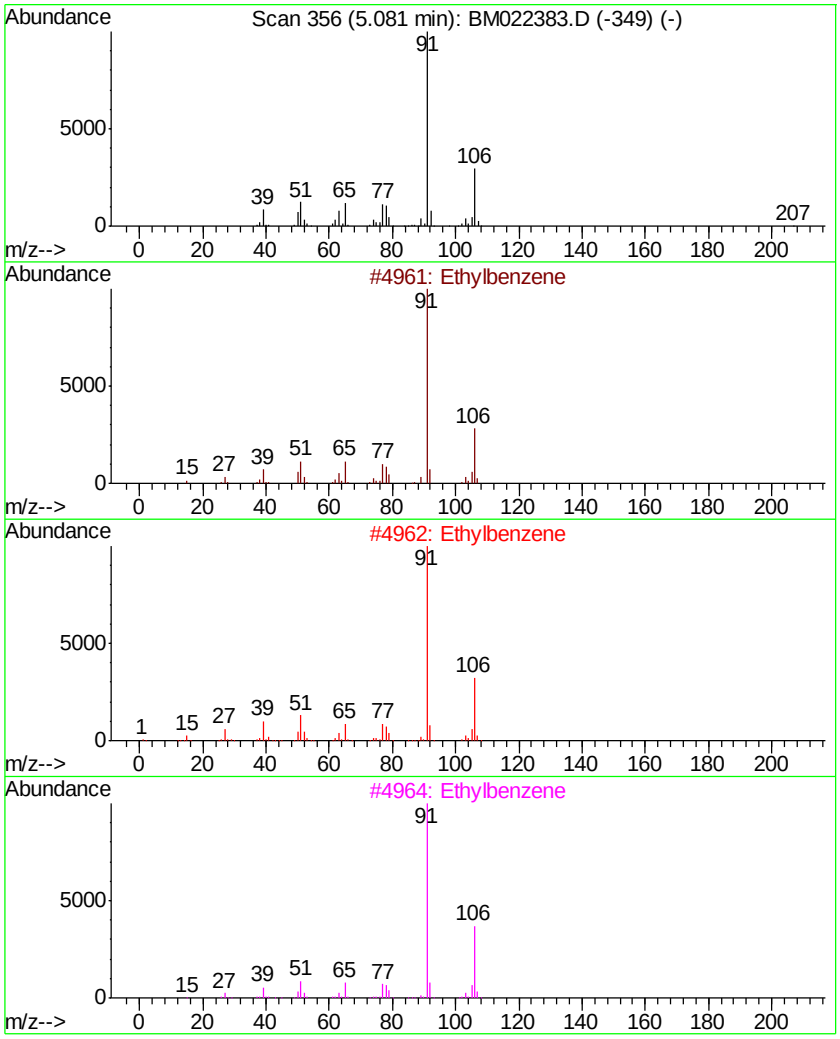
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

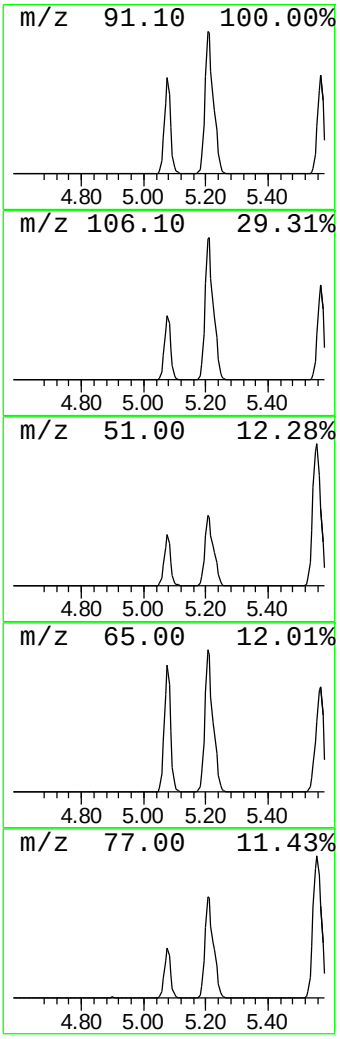
****

Peak Number 5 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	167.15 ng/ul	1476440	1,4-Dichlorobenzene-d4	7.54

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	p-Xylene	106	C8H10	000106-42-3	91
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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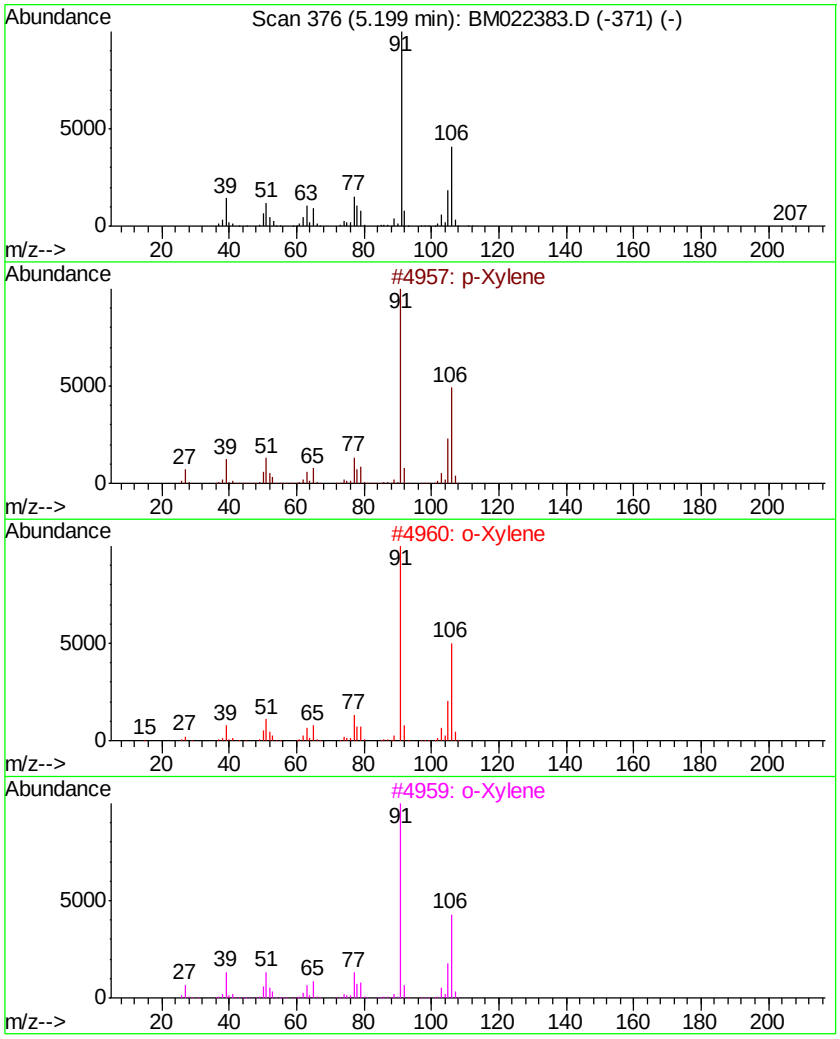
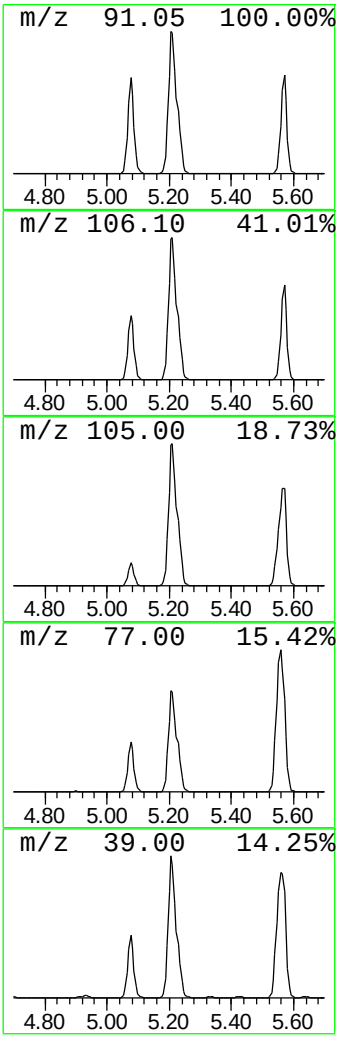
Peak Number 6 p-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	410.81 ng/ul	3628630	1,4-Dichlorobenzene-d4	7.54

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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

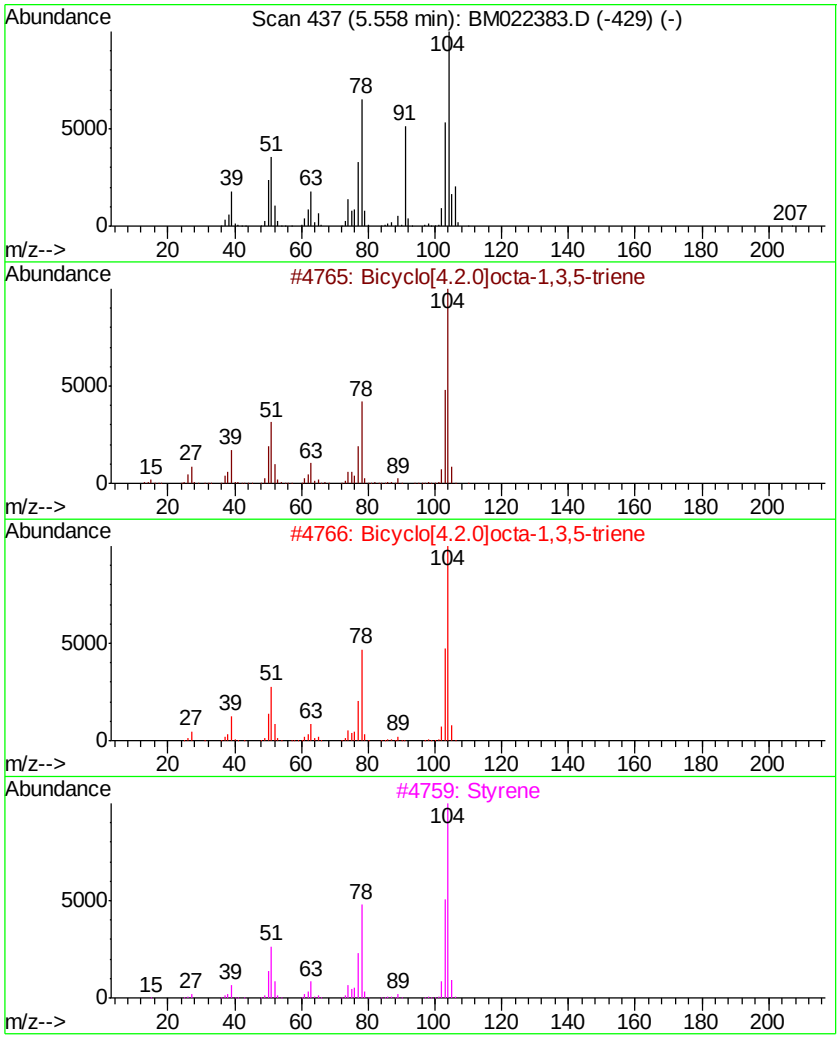
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

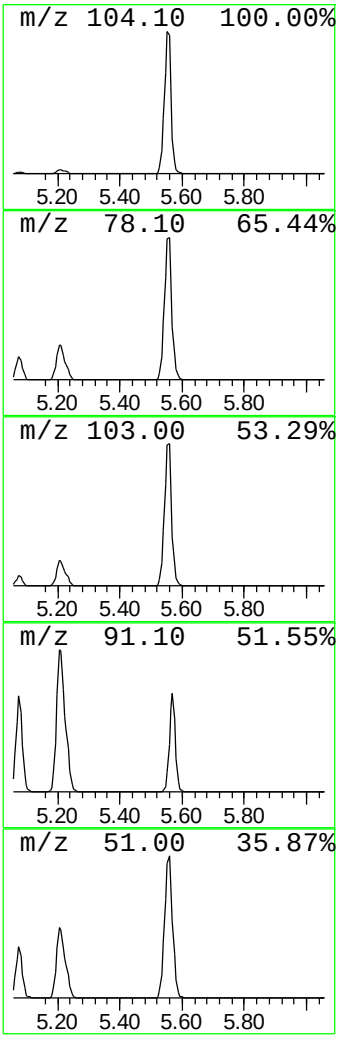
****

Peak Number 7 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	486.75 ng/ul	4299410	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
3	Styrene	104	C8H8	000100-42-5	94
4	Styrene	104	C8H8	000100-42-5	93
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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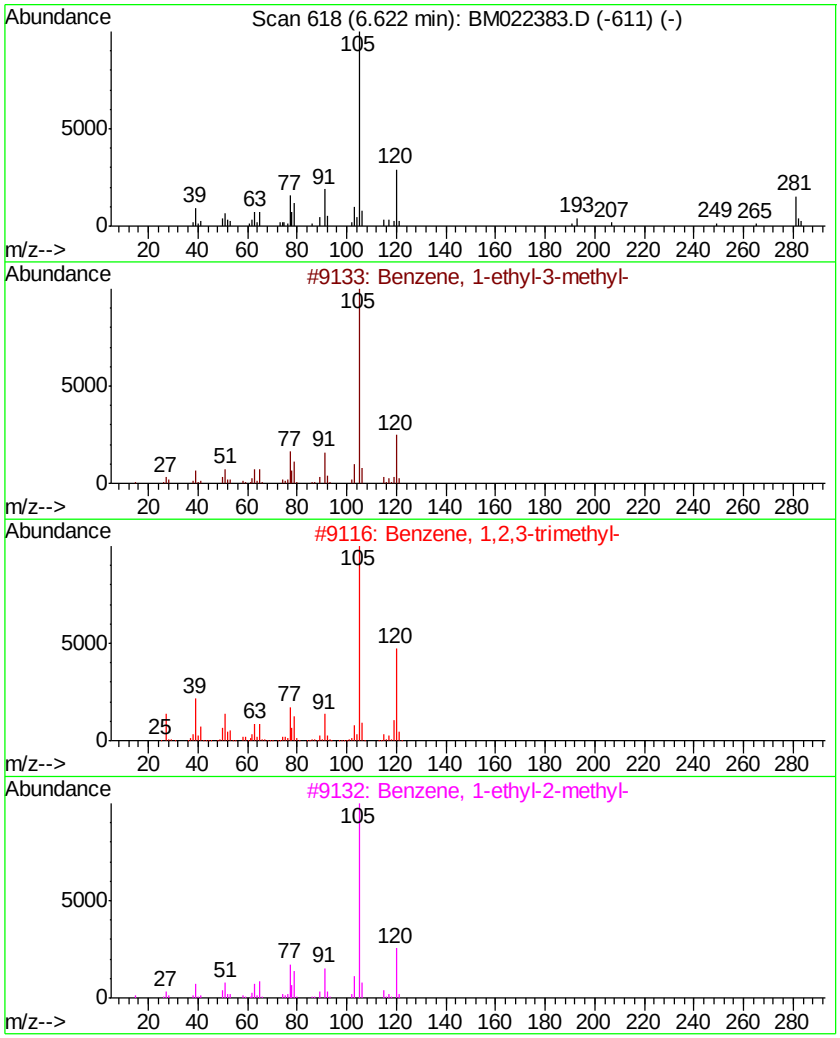
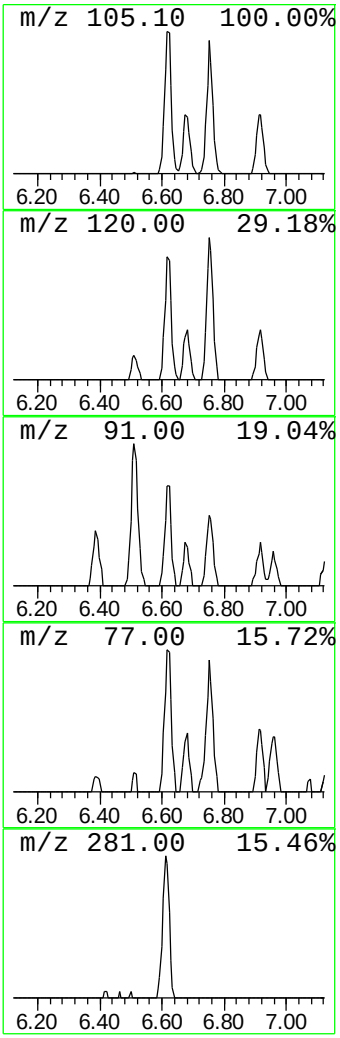
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	15.71 ng/ul	138722	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	55
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55





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Acq On : 28 Aug 2019 11:45
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Sample : K4414-07DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : ETJR1DL

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Quant Title : SVOA CALIBRATION

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

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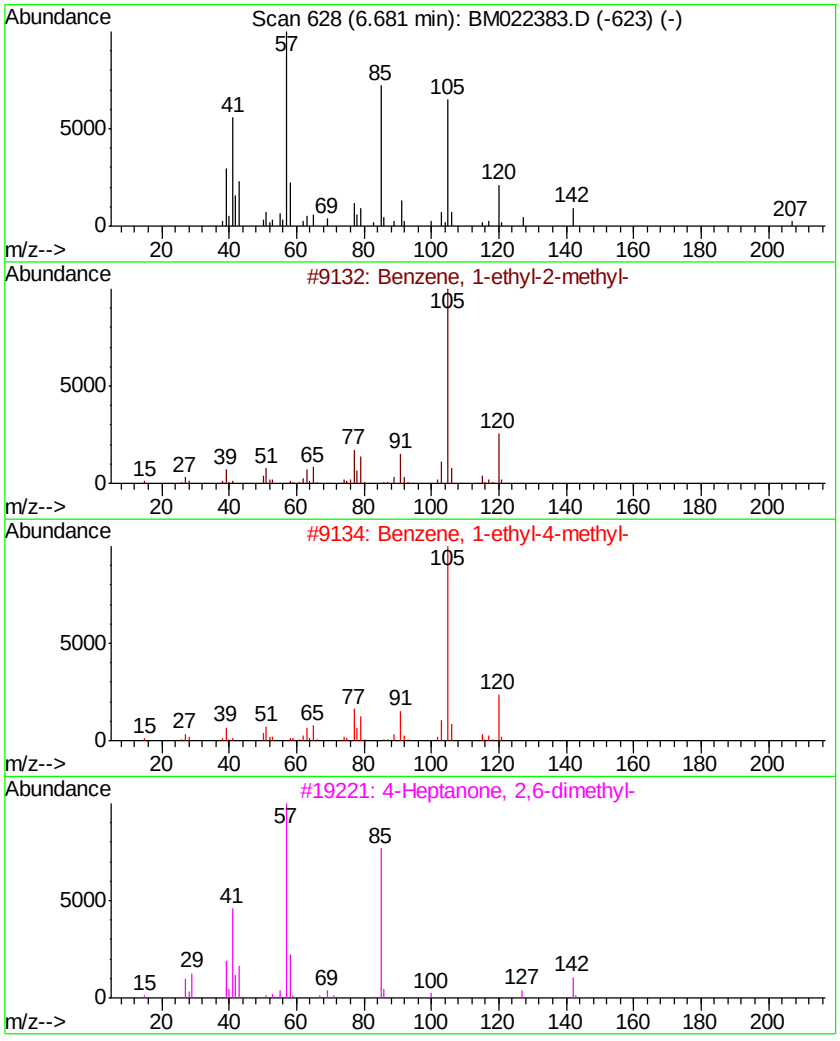
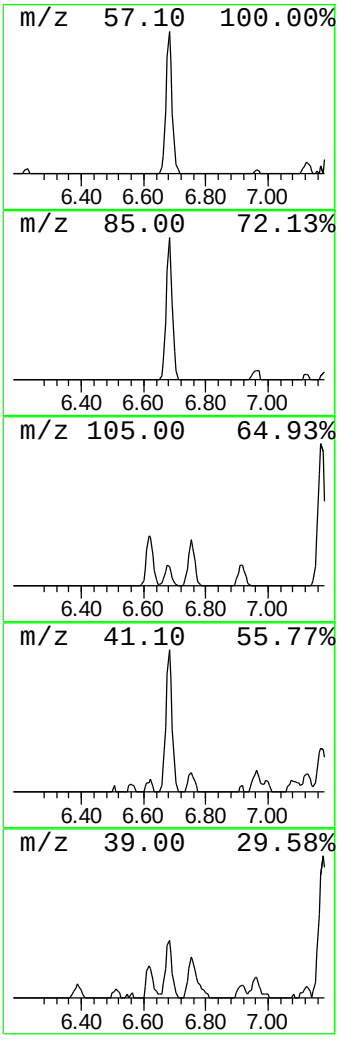
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	13.66 ng/ul	120652	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	64
4	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	64
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	52





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Sample : K4414-07DL 5X
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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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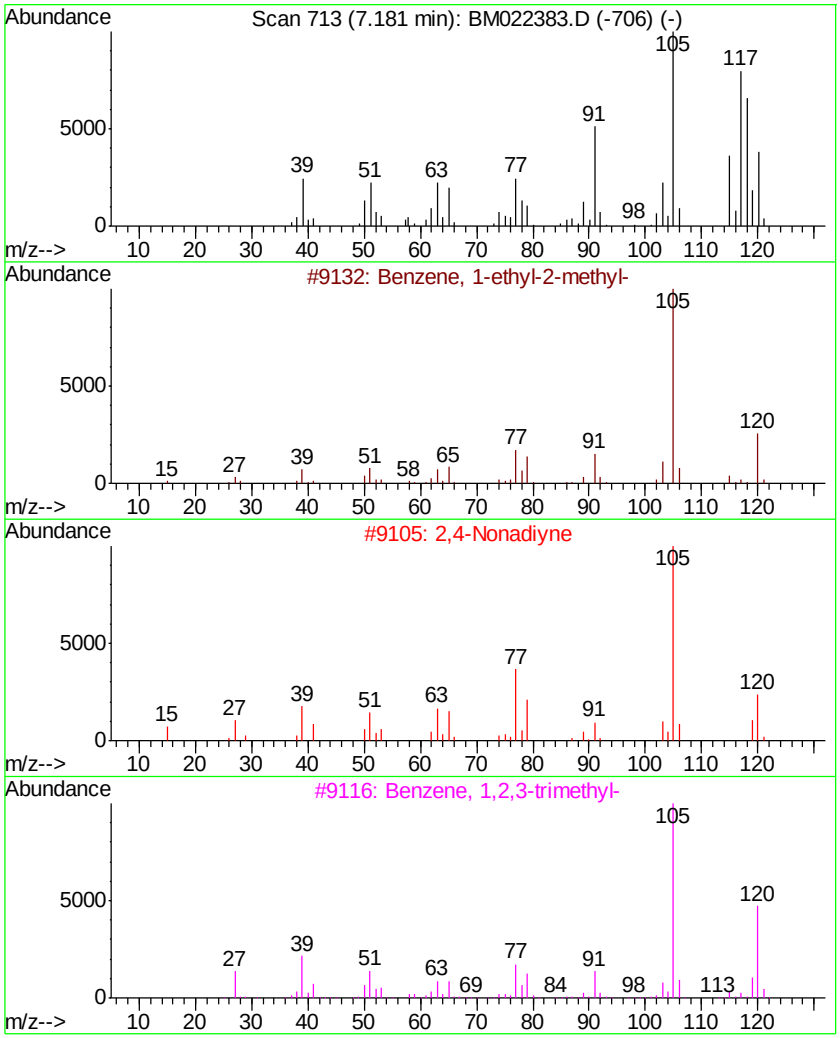
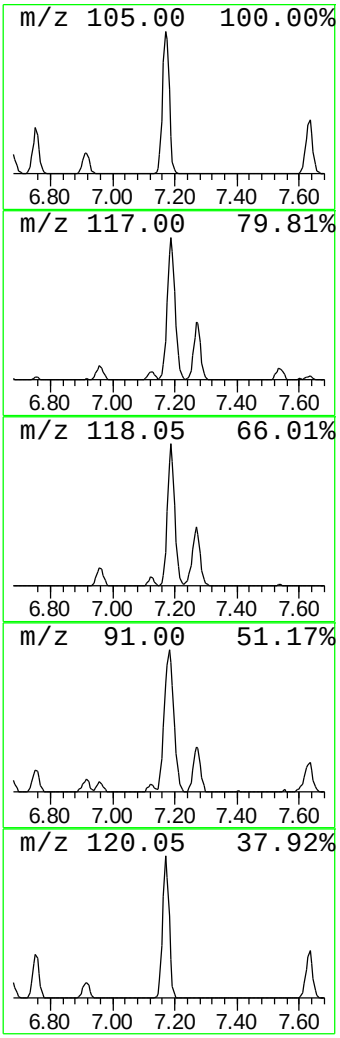
Peak Number 10 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	79.94 ng/ul	706085	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50
2	2,4-Nonadiyne	120	C9H12	063621-15-8	50
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	50
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46





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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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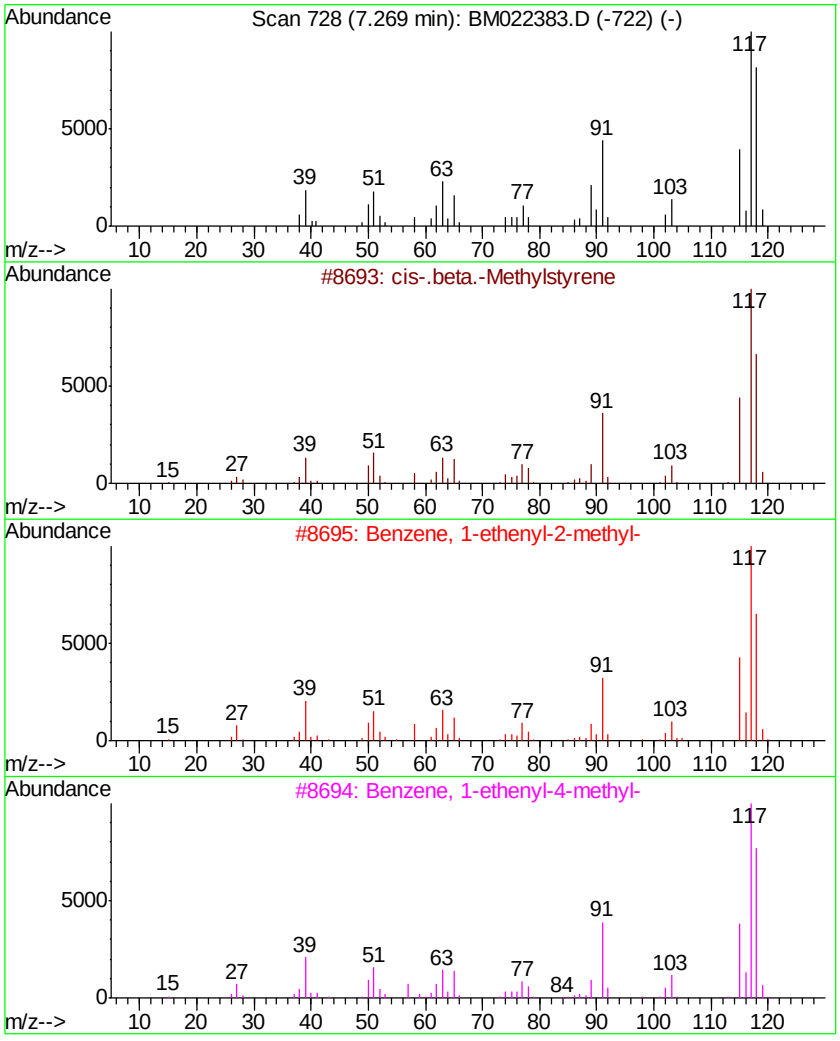
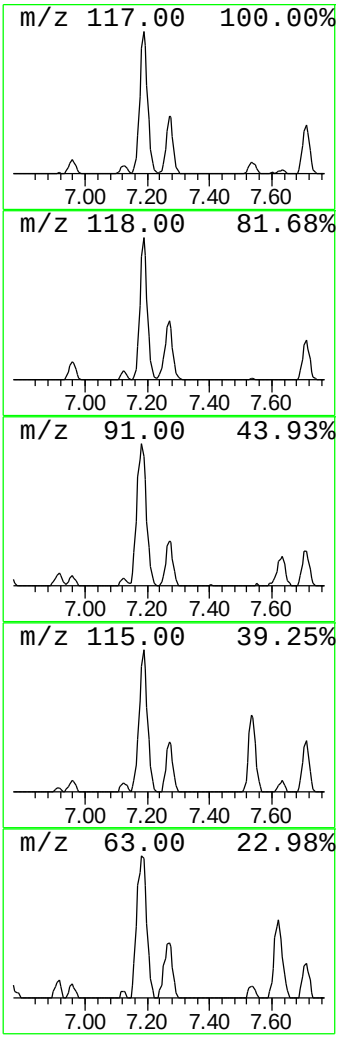
Peak Number 11 cis-.beta.-Methylstyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	16.06 ng/ul	141848	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	89
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





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Quant Title : SVOA CALIBRATION

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

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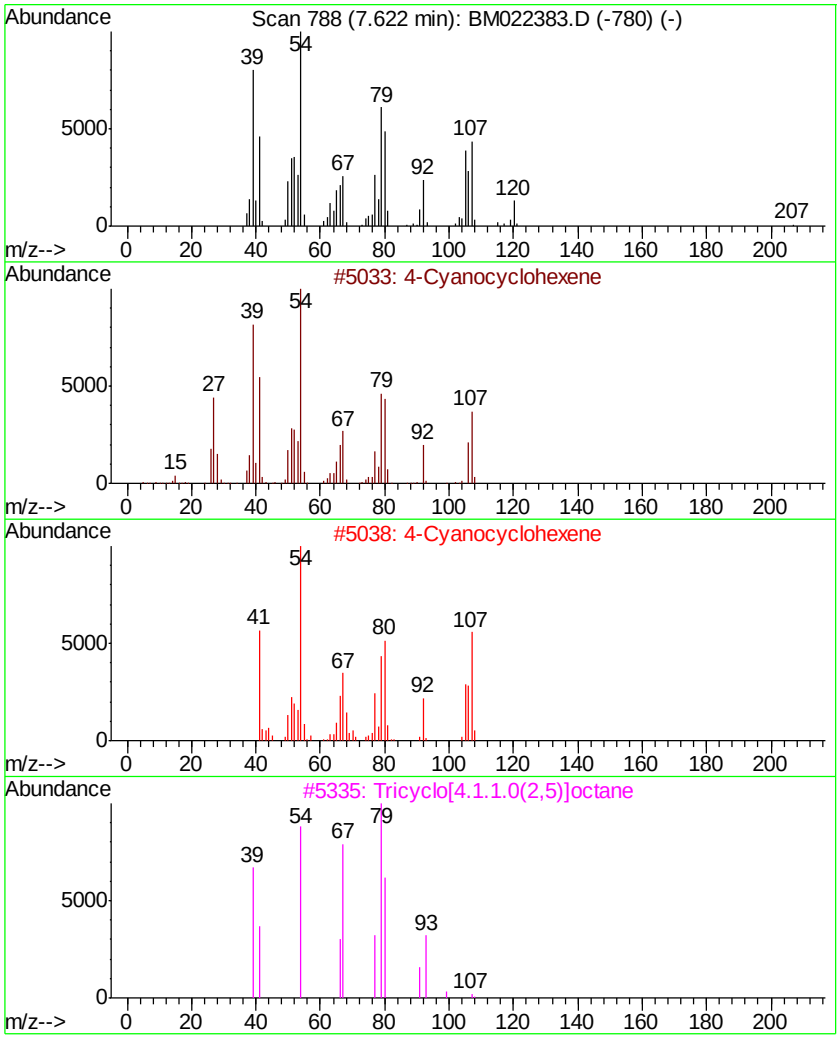
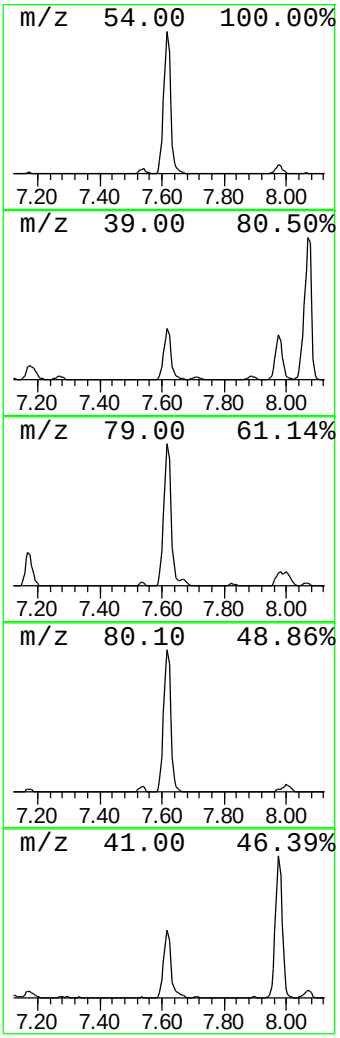
Peak Number 12 4-Cyanocyclohexene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	88.79 ng/ul	784231	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyanocyclohexene	107	C7H9N	000100-45-8	98
2	4-Cyanocyclohexene	107	C7H9N	000100-45-8	87
3	Tricyclo[4.1.1.0(2,5)]octane	108	C8H12	070970-60-4	50
4	1,5-Cyclooctadiene	108	C8H12	000111-78-4	50
5	2,5-Furandione, 3,4-dimethyl-	126	C6H6O3	000766-39-2	50





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Quant Title : SVOA CALIBRATION

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

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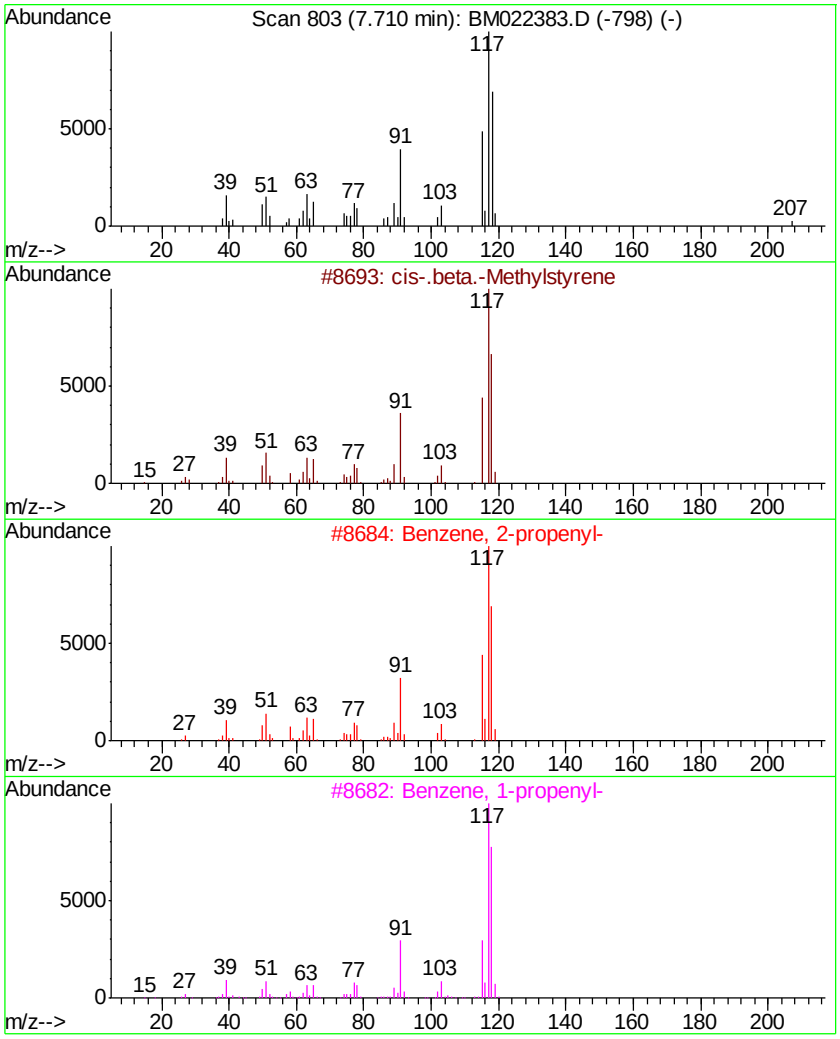
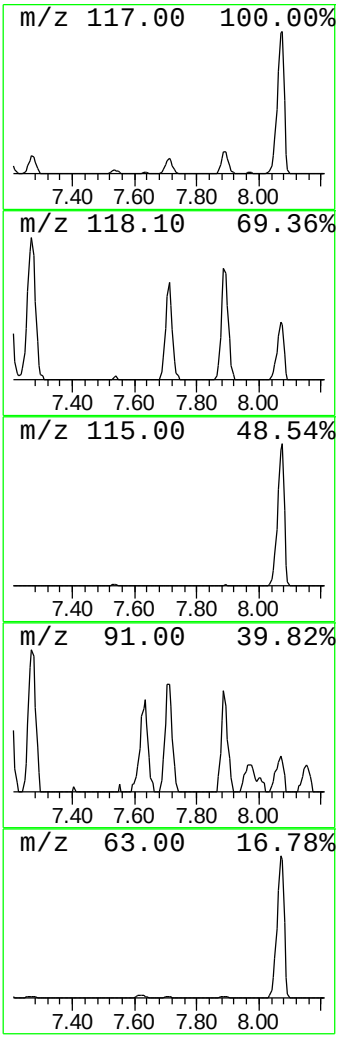
Peak Number 13 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	11.22 ng/ul	99081	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	97
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94





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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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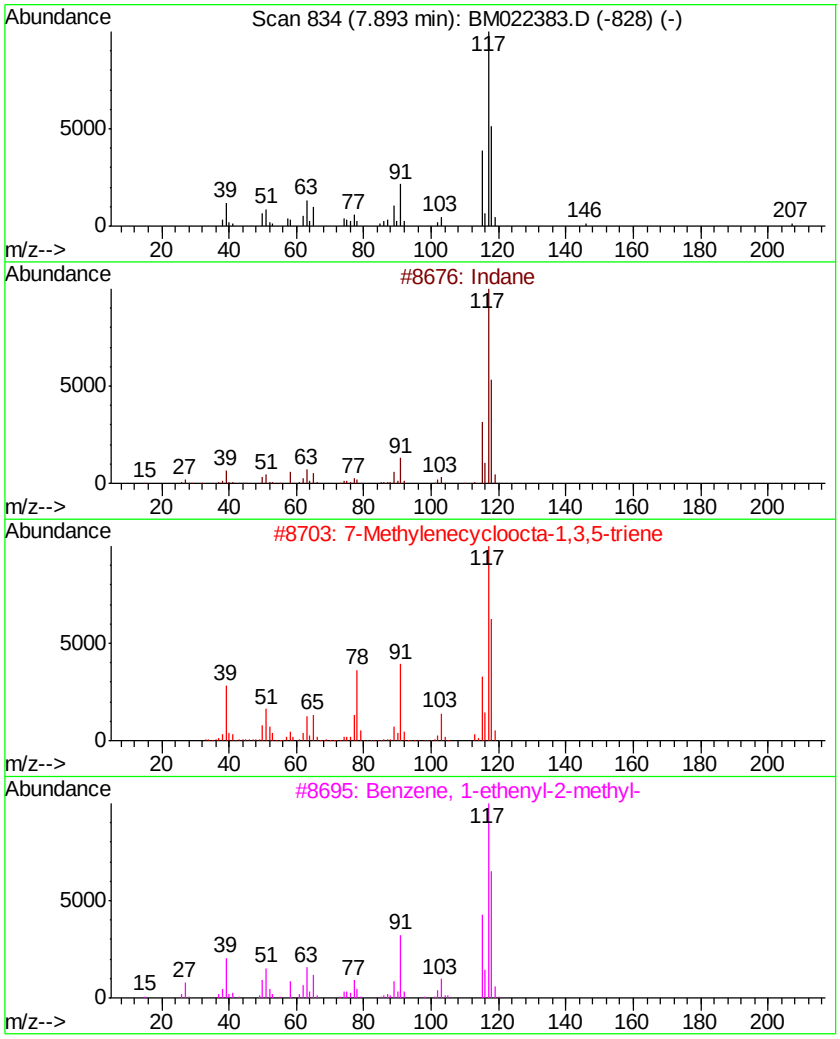
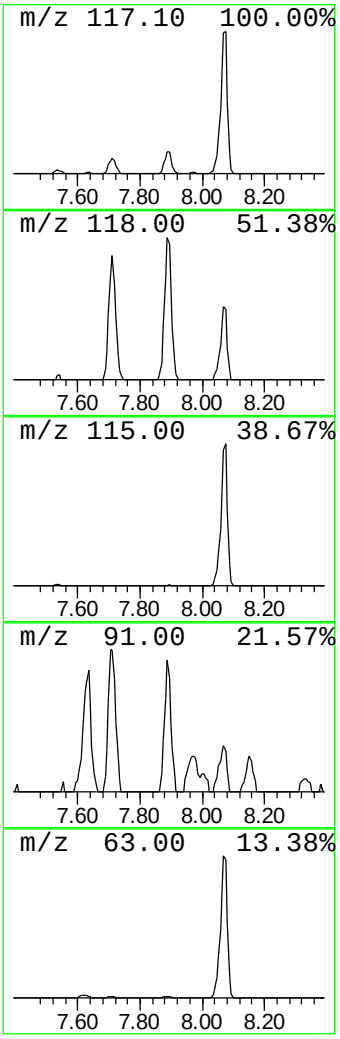
Peak Number 14 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	13.30 ng/ul	117517	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	72
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
4	Indane	118	C9H10	000496-11-7	68
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





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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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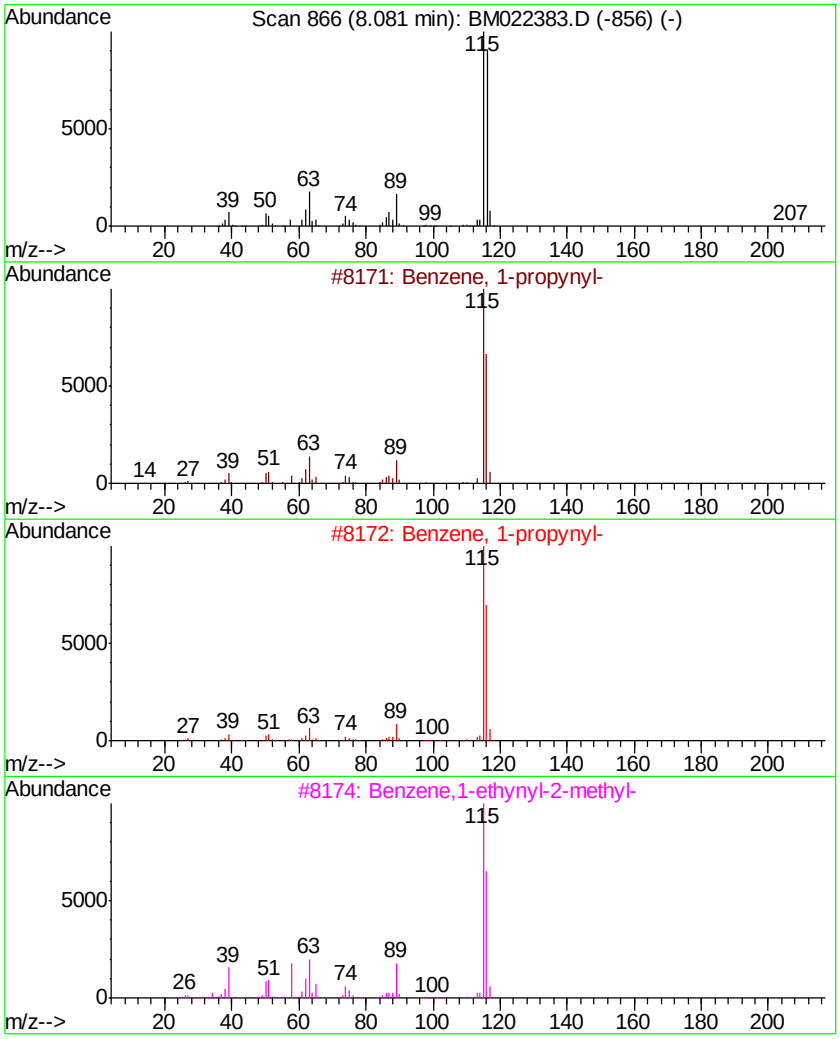
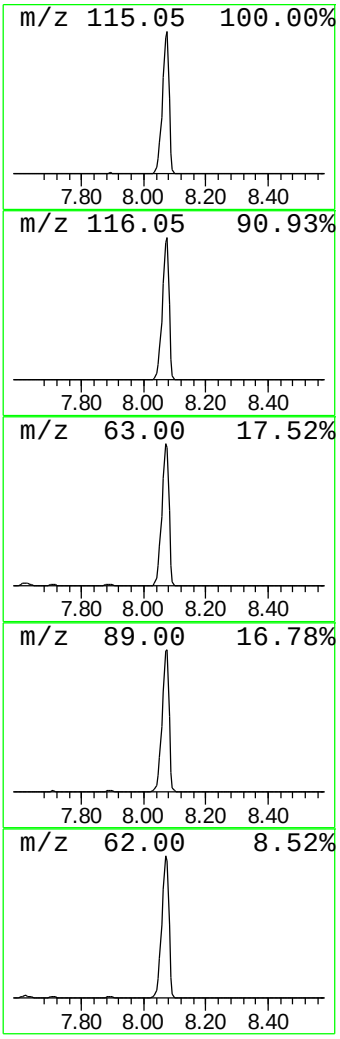
Peak Number 15 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	893.78 ng/ul	7894660	1,4-Dichlorobenzene-d4	7.54

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





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Instrument : BNA_M
ClientSampleId : ETJR1DL

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Quant Title : SVOA CALIBRATION

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

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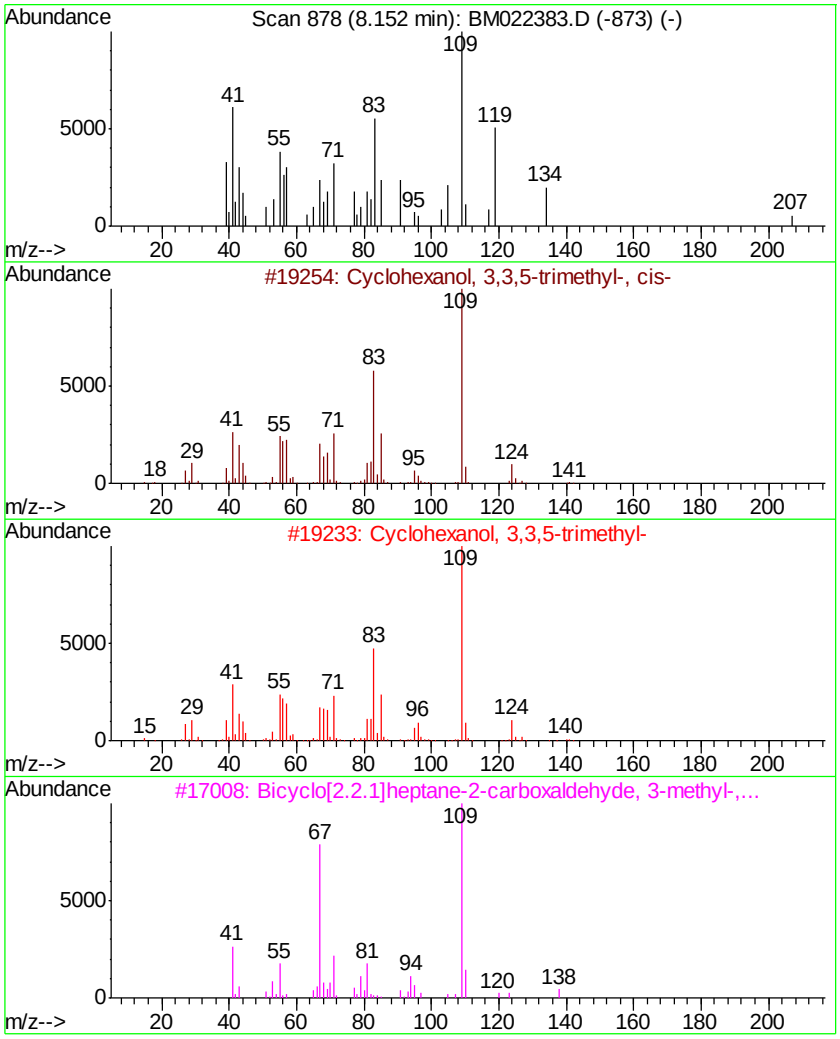
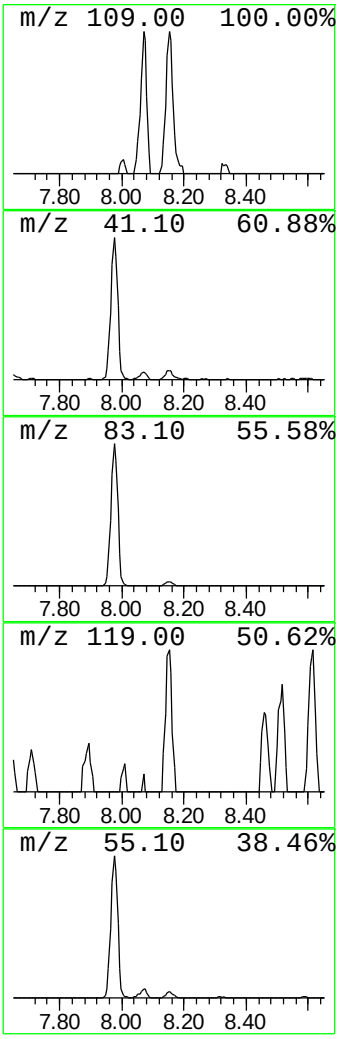
Peak Number 16 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	8.51 ng/ul	75211	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	58
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	40
3	Bicyclo[2.2.1]heptane-2-carboxal...	138	C9H14O	015780-36-6	27
4	1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	22
5	4-Pyrimidinamine, 6-methyl-	109	C5H7N3	003435-28-7	22





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Quant Title : SVOA CALIBRATION

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

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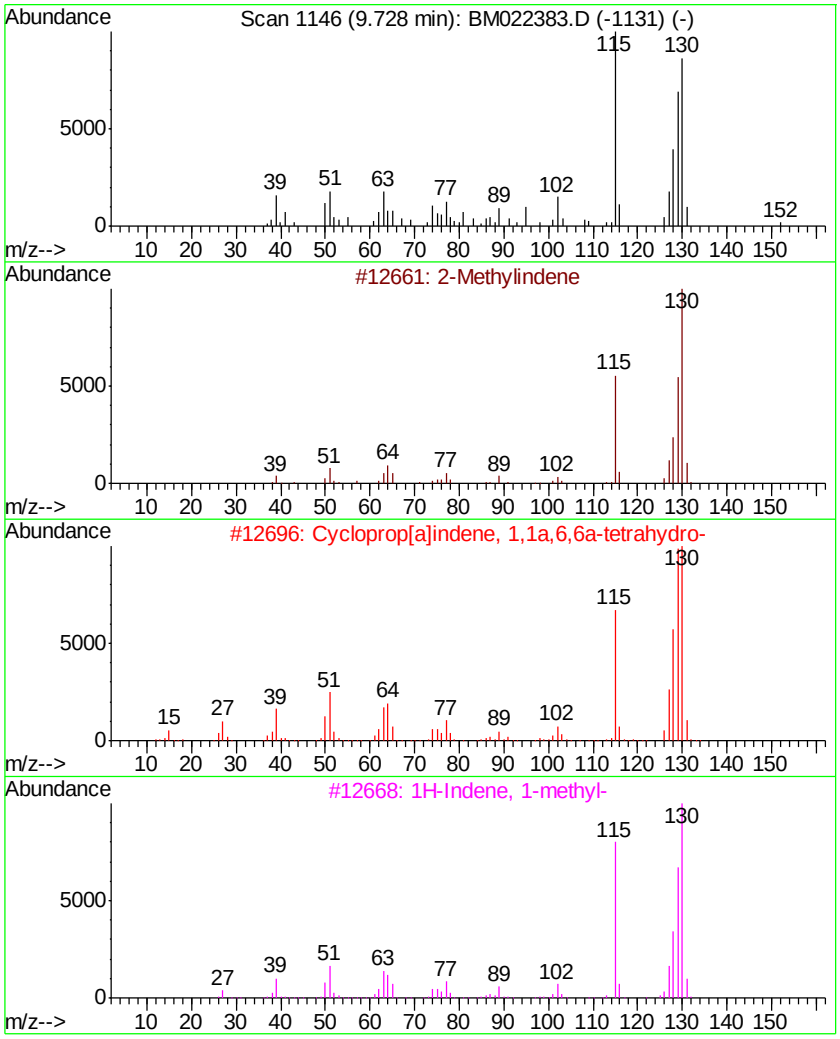
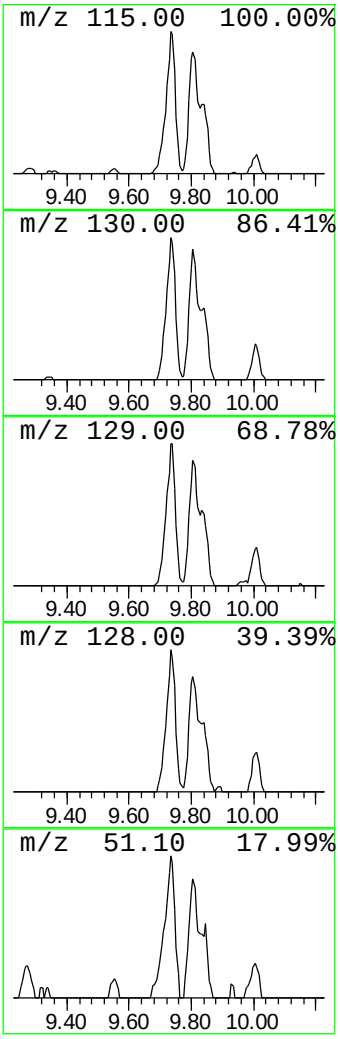
Peak Number 17 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	38.25 ng/ul	359687	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
5	2-Methylindene	130	C10H10	002177-47-1	91





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Quant Title : SVOA CALIBRATION

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

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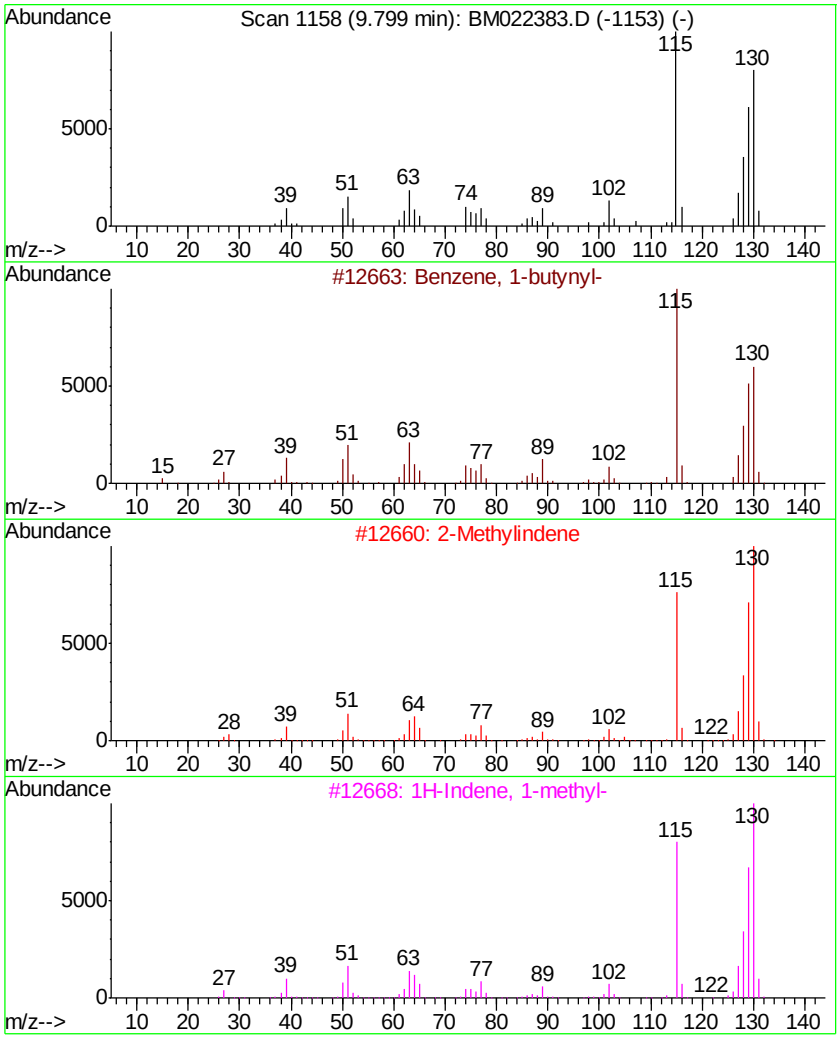
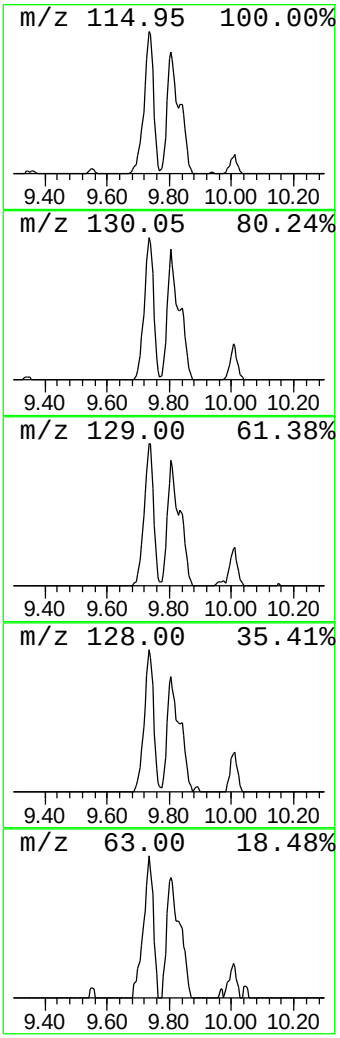
Peak Number 18 Benzene, 1-butynyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	25.69 ng/ul	241562	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2	2-Methylindene	130	C10H10	002177-47-1	93
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93





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Quant Title : SVOA CALIBRATION

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

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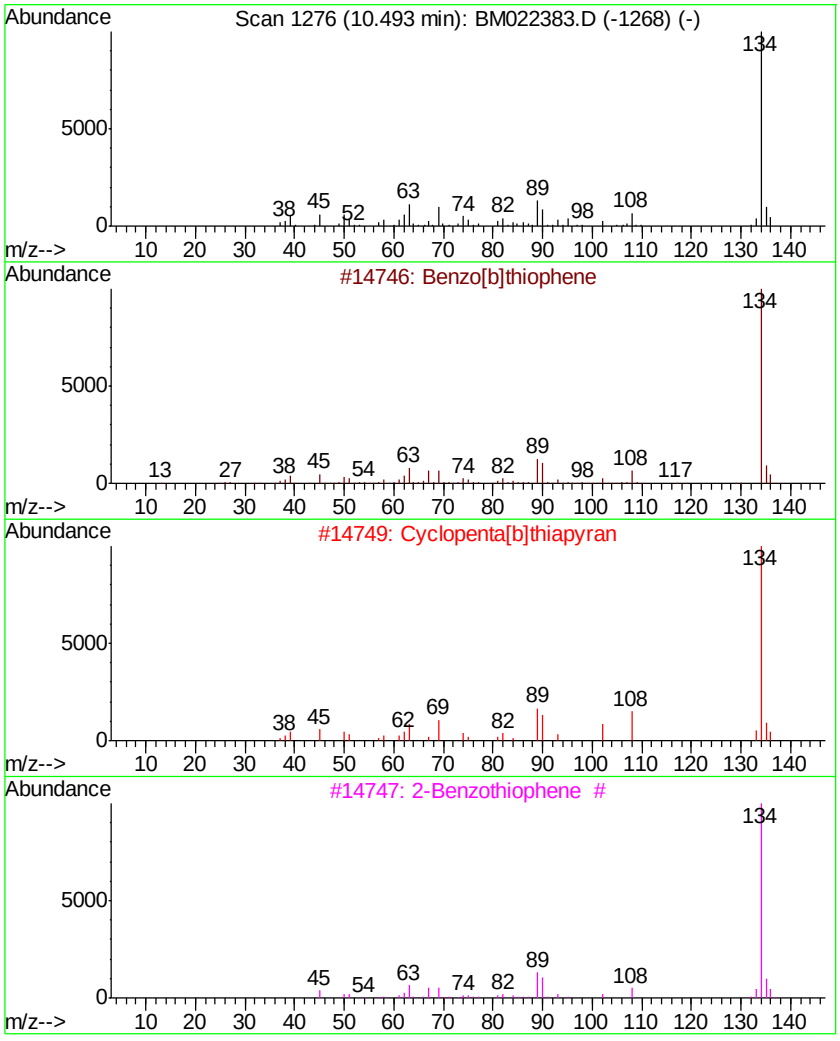
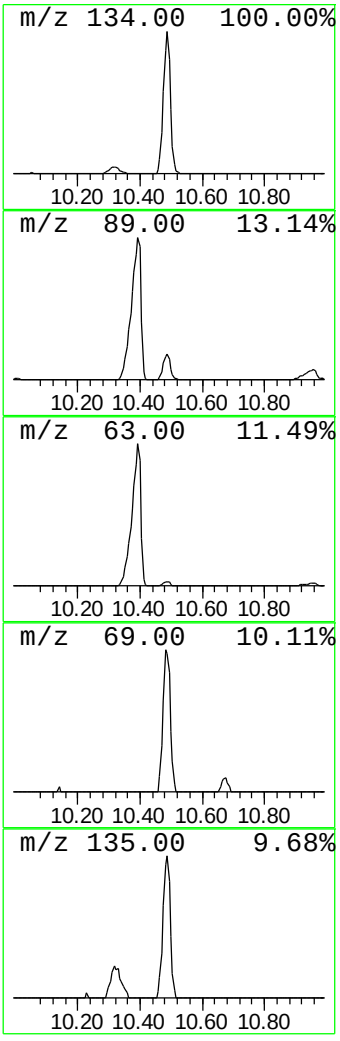
Peak Number 19 Cyclopenta[b]thiapyran Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	46.03 ng/ul	432807	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2	Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	91
3	2-Benzothiophene #	134	C8H6S	000270-82-6	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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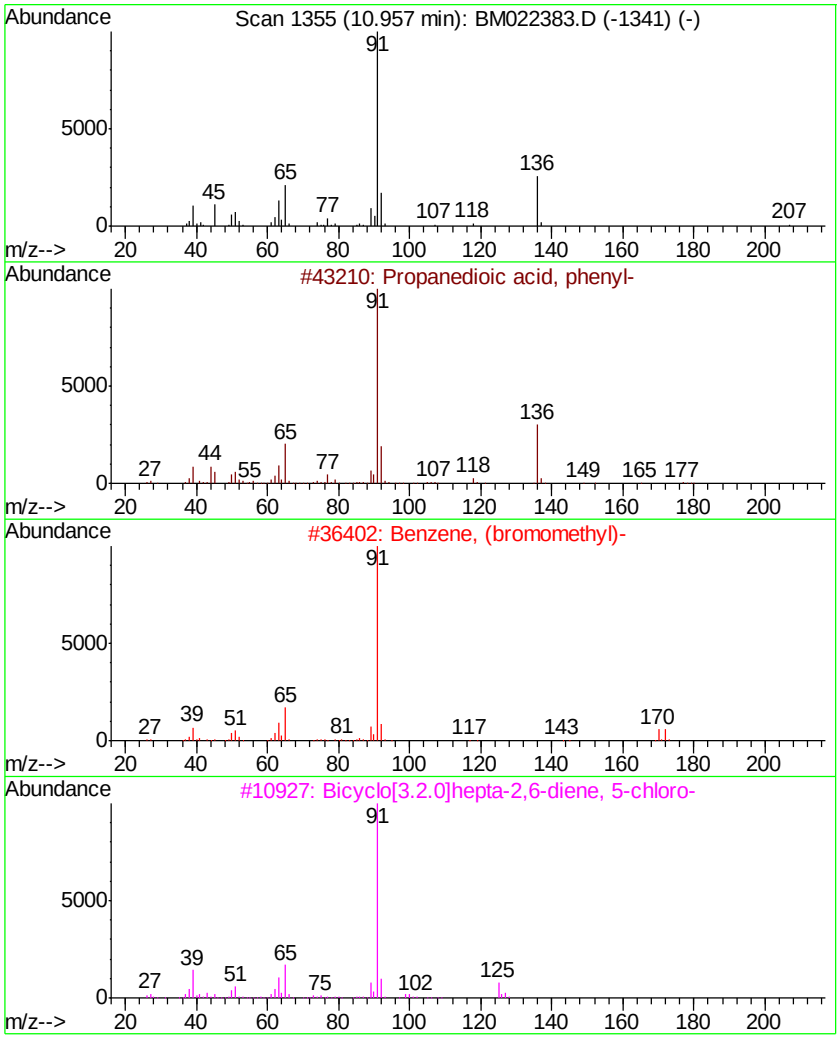
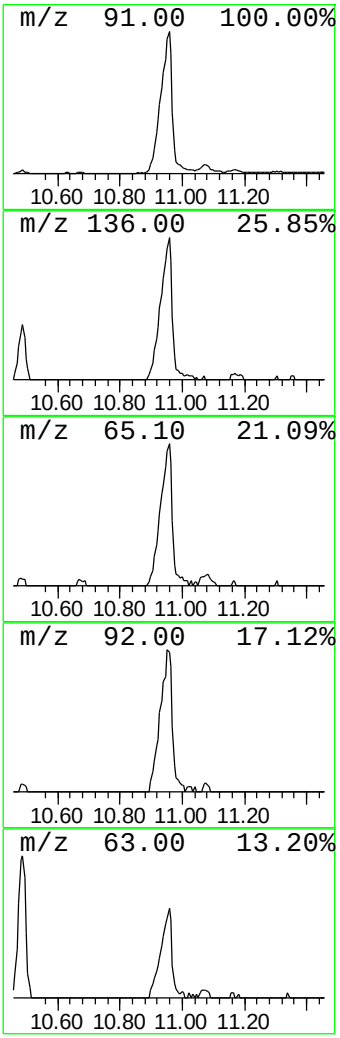
Peak Number 20 Propanedioic acid, phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	40.26 ng/ul	378561	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	86
2	Benzene, (bromomethyl)-	170	C7H7Br	000100-39-0	53
3	Bicyclo[3.2.0]hepta-2,6-diene, 5...	126	C7H7Cl	023610-81-3	53
4	.alpha.-Nitrodibenzyl sulfone	291	C14H13NO4S	021272-80-0	50
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	50





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Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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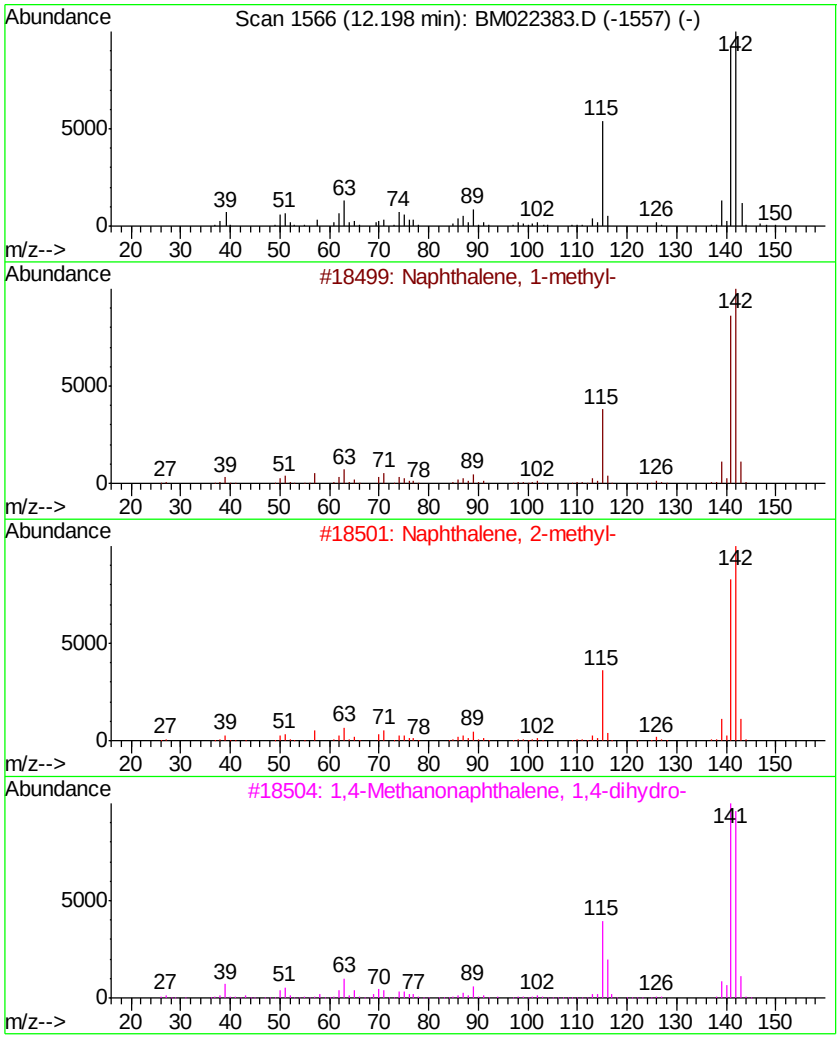
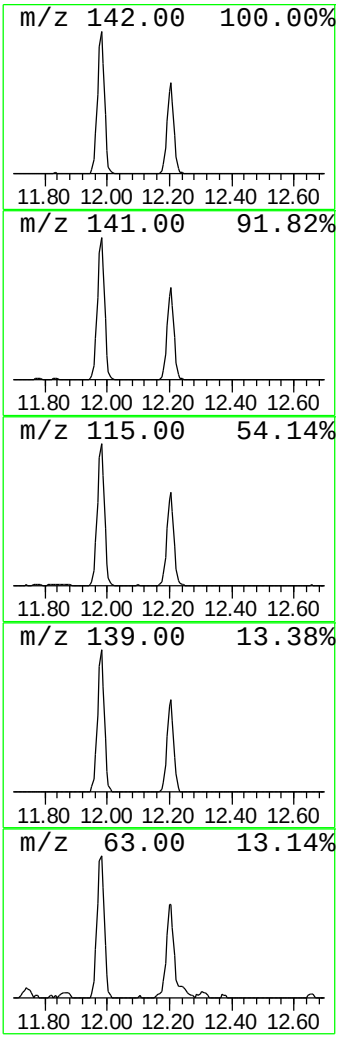
Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	71.01 ng/ul	667757	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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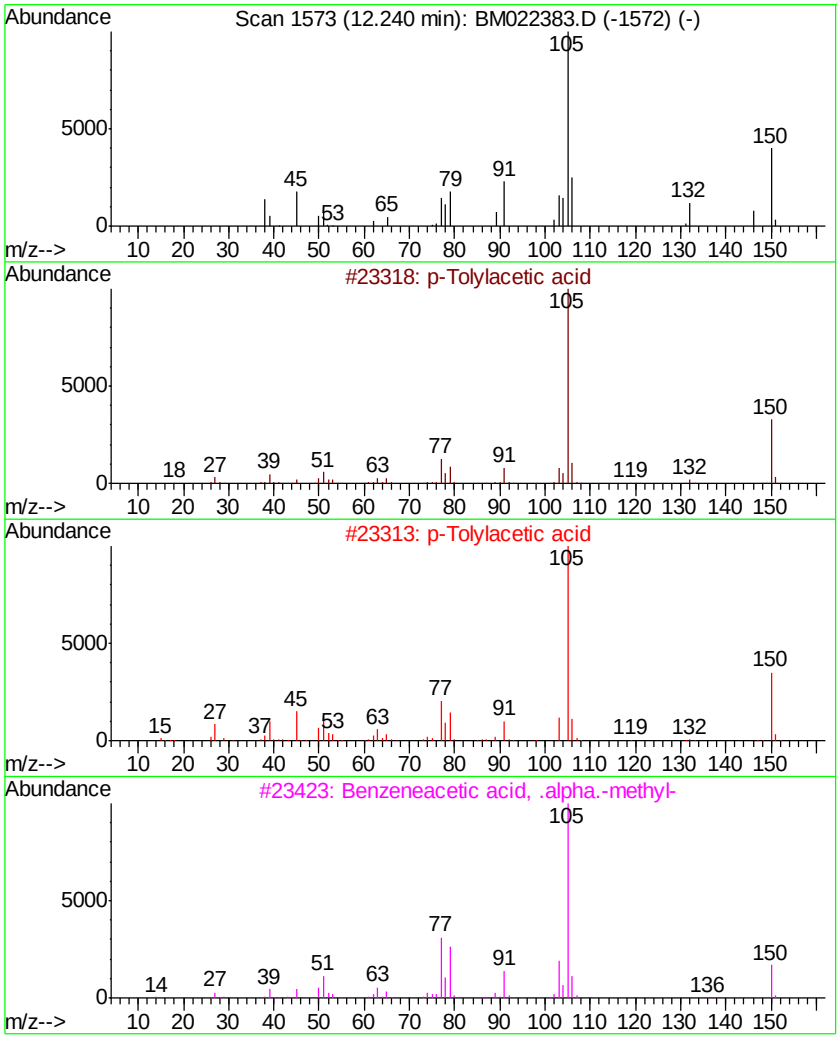
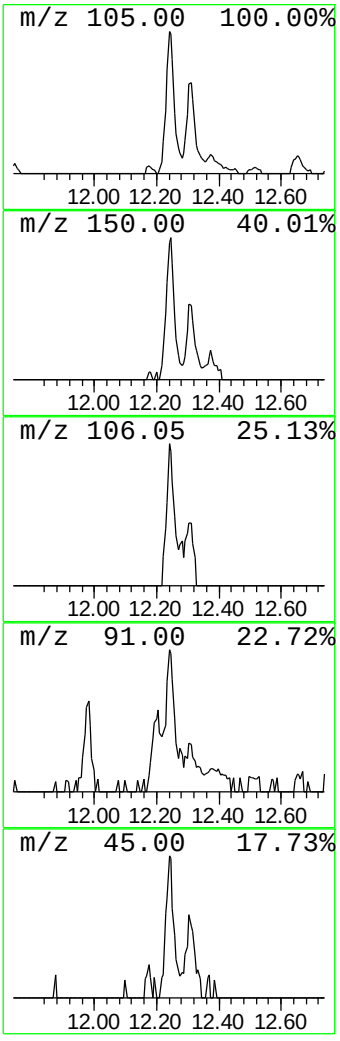
Peak Number 22 p-Tolylacetic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	7.90 ng/ul	74294	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Tolylacetic acid	150	C9H10O2	000622-47-9	64
2	p-Tolylacetic acid	150	C9H10O2	000622-47-9	58
3	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	53
4	o-Tolylacetic acid	150	C9H10O2	000644-36-0	53
5	m-Tolylacetic acid	150	C9H10O2	000621-36-3	53





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Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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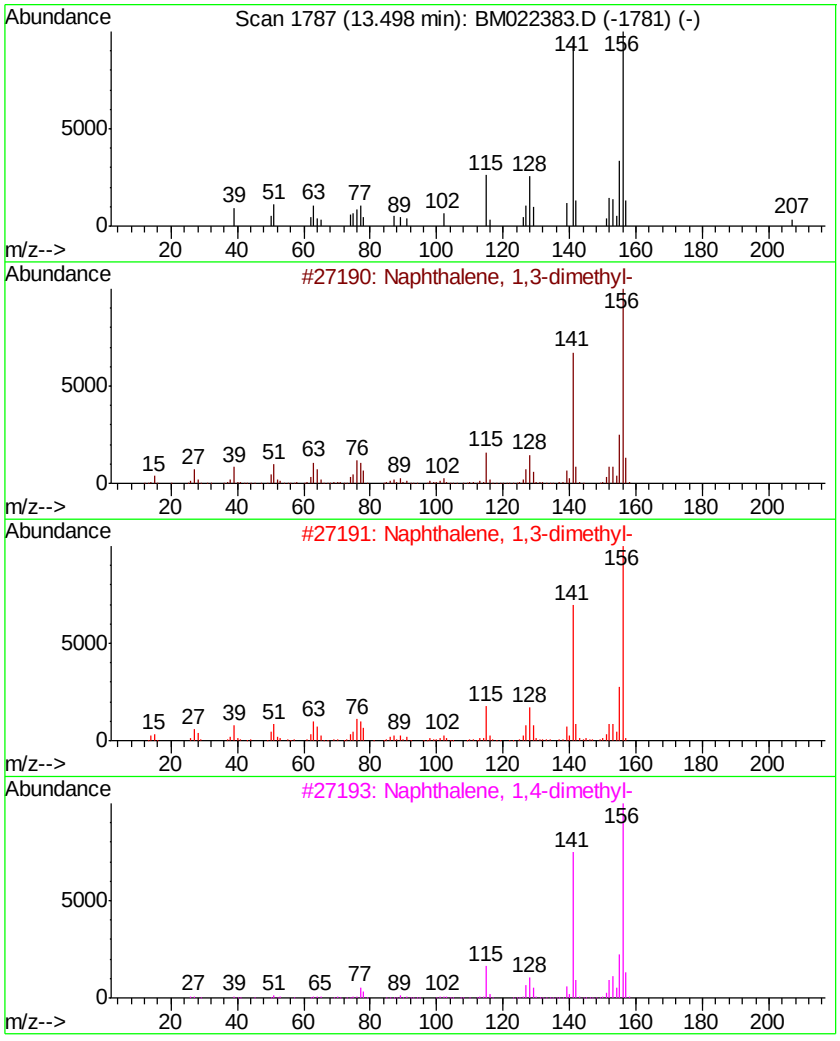
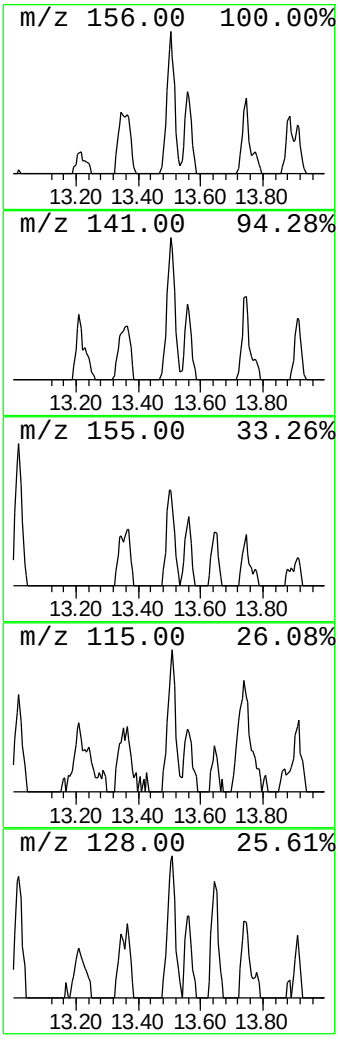
Peak Number 23 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.27 ng/ul	92252	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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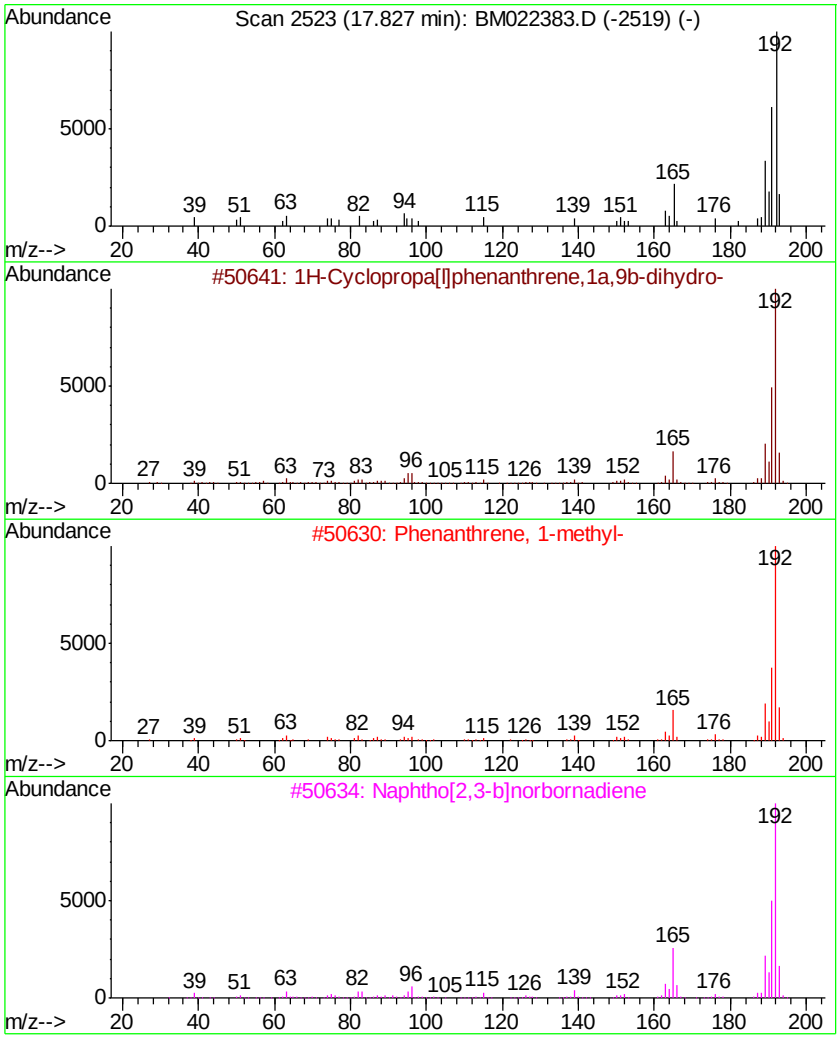
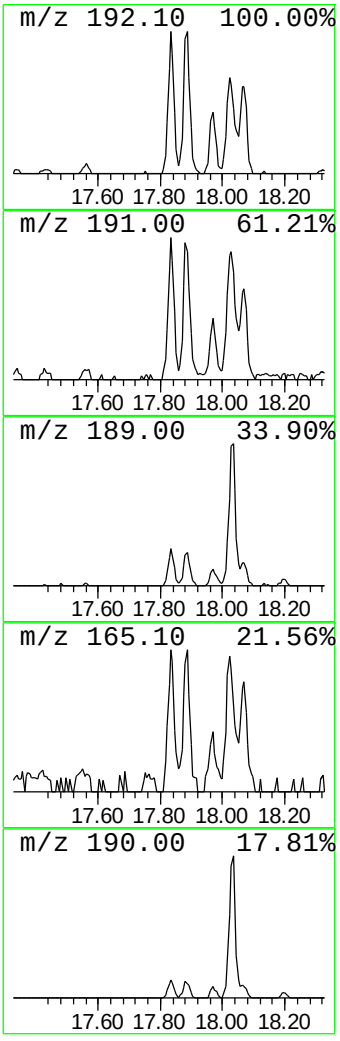
Peak Number 24 1H-Cyclopropa[l]phenanthren... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.34 ng/ul	94380	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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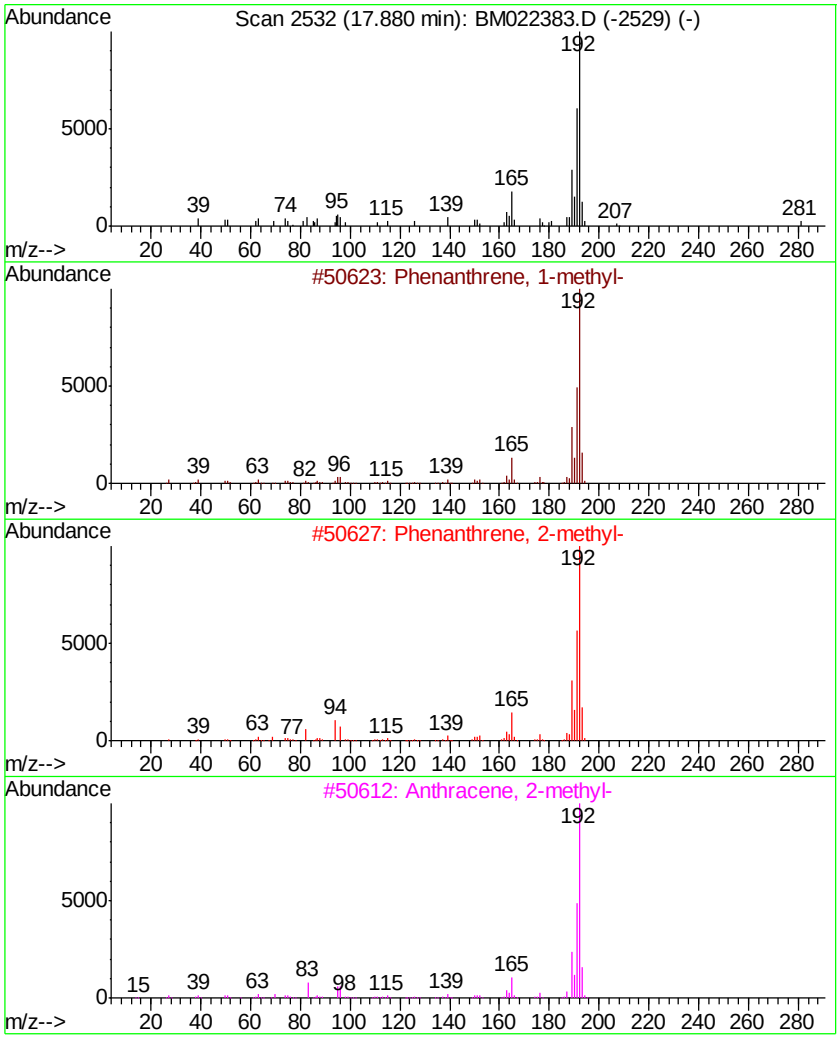
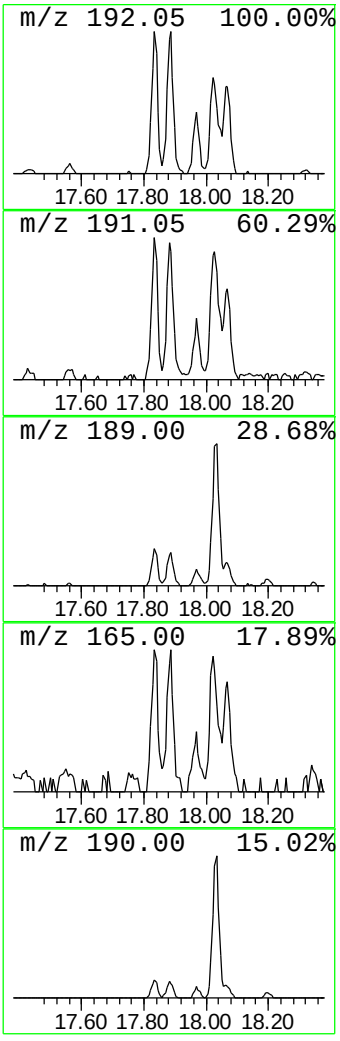
Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.21 ng/ul	90652	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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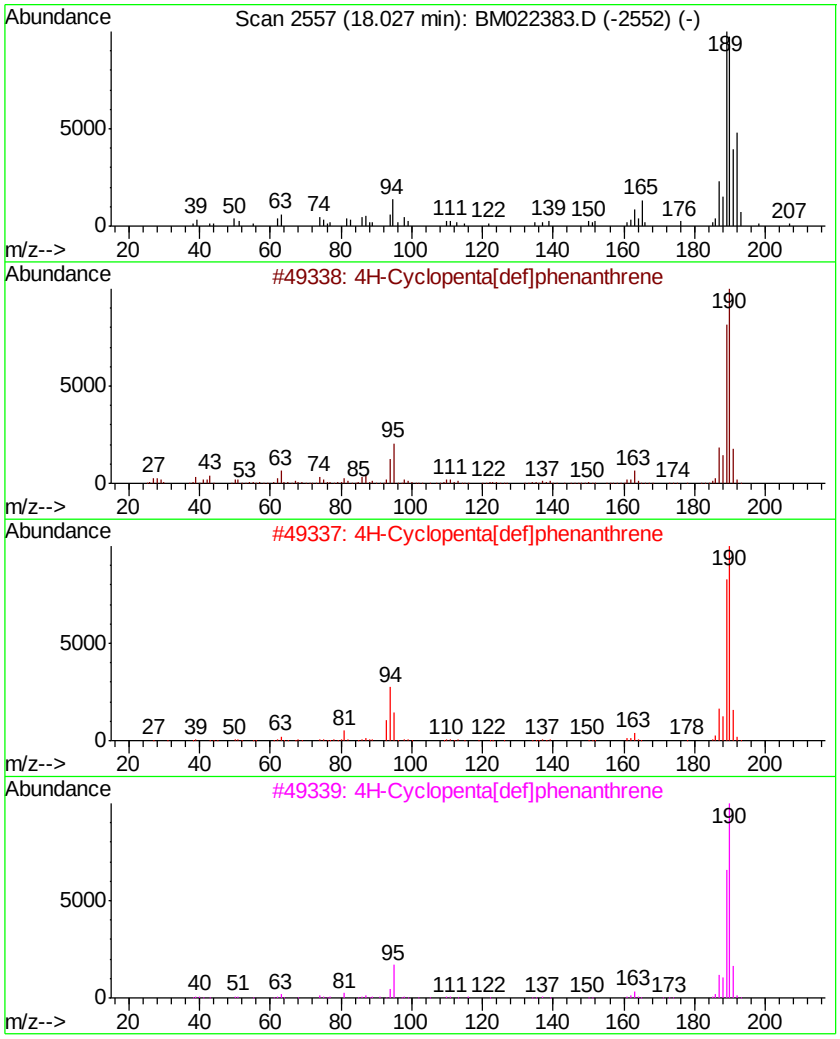
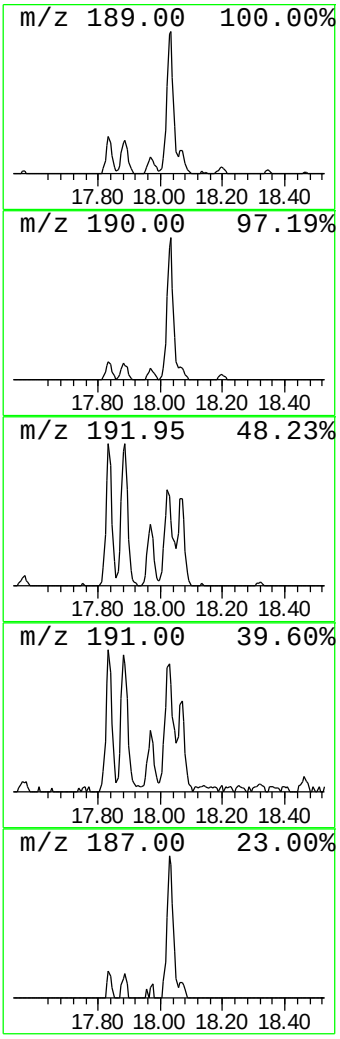
Peak Number 26 4H-Cyclopenta[def]phenanthrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	6.13 ng/ul	173067	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45





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Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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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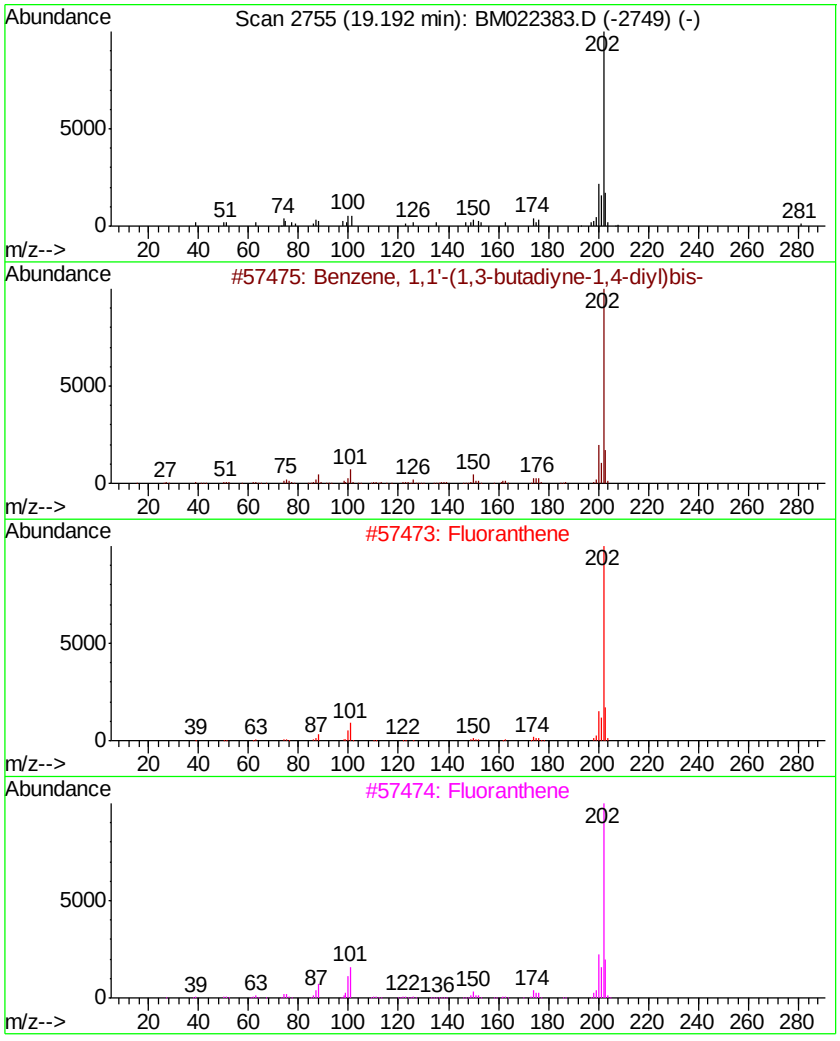
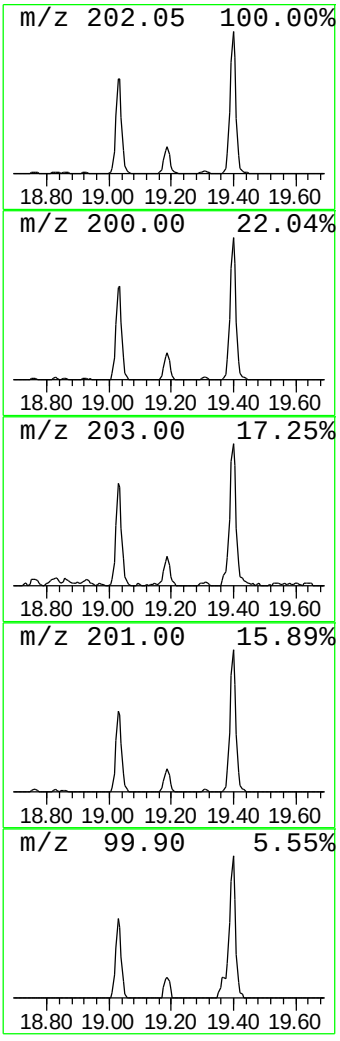
Peak Number 27 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.48 ng/ul	93172	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	93
2	Fluoranthene	202	C16H10	000206-44-0	90
3	Fluoranthene	202	C16H10	000206-44-0	87
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
5	Pyrene	202	C16H10	000129-00-0	81





Tentatively Identified Compound (LSC) summary

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Data File : BM022383.D
Acq On : 28 Aug 2019 11:45
Operator : HP/JU
Sample : K4414-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1DL

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	730.9	ng/ul	6455880	1	7.54	176658	20.0
Toluene	3.83	7759.6	ng/ul	68540100	1	7.54	176658	20.0
2-Hexanone	4.00	50.2	ng/ul	443574	1	7.54	176658	20.0
Tetrachloroethylene	4.30	8.8	ng/ul	77251	1	7.54	176658	20.0
Ethylbenzene	5.08	167.2	ng/ul	1476440	1	7.54	176658	20.0
p-Xylene	5.20	410.8	ng/ul	3628630	1	7.54	176658	20.0
Bicyclo[4.2.0]oct...	5.56	486.8	ng/ul	4299410	1	7.54	176658	20.0
Benzene, 1-ethyl-...	6.62	15.7	ng/ul	138722	1	7.54	176658	20.0
Benzene, 1-ethyl-...	6.68	13.7	ng/ul	120652	1	7.54	176658	20.0
unknown-01	7.18	79.9	ng/ul	706085	1	7.54	176658	20.0
cis-.beta.-Methyl...	7.27	16.1	ng/ul	141848	1	7.54	176658	20.0
4-Cyanocyclohexene	7.62	88.8	ng/ul	784231	1	7.54	176658	20.0
unknown-02	7.71	11.2	ng/ul	99081	1	7.54	176658	20.0
Indane	7.89	13.3	ng/ul	117517	1	7.54	176658	20.0
Benzene, 1-propynyl-	8.08	893.8	ng/ul	7894660	1	7.54	176658	20.0
Cyclohexanol, 3,3...	8.15	8.5	ng/ul	75211	1	7.54	176658	20.0
2-Methylindene	9.73	38.3	ng/ul	359687	2	10.32	188066	20.0
Benzene, 1-butynyl-	9.80	25.7	ng/ul	241562	2	10.32	188066	20.0
Cyclopenta[b]thia...	10.49	46.0	ng/ul	432807	2	10.32	188066	20.0
Propanedioic acid...	10.96	40.3	ng/ul	378561	2	10.32	188066	20.0
Naphthalene, 1-me...	12.20	71.0	ng/ul	667757	2	10.32	188066	20.0
p-Tolylacetic acid	12.24	7.9	ng/ul	74294	2	10.32	188066	20.0
Naphthalene, 1,3-...	13.50	4.3	ng/ul	92252	3	14.19	432226	20.0
1H-Cyclopropa[l]p...	17.83	3.3	ng/ul	94380	4	16.96	564785	20.0
Phenanthrene, 1-m...	17.88	3.2	ng/ul	90652	4	16.96	564785	20.0
4H-Cyclopenta[def...	18.03	6.1	ng/ul	173067	4	16.96	564785	20.0
Benzene, 1,1'-(1,...	19.19	2.5	ng/ul	93172	5	21.17	752724	20.0