

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023840.D
 Acq On : 21 Nov 2019 21:43
 Operator : JU
 Sample : K5851-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 05:51:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	332013	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1349234	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	823663	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1718677	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1730761	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2116231	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	21912	2.72	ng/uL	0.00
5) Phenol-d5	6.70	99	472194	15.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	274312	15.77	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	390277	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	378614	15.68	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	183408	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	211330	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	390570	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	400236	15.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1183752	18.43	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1443613	19.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	126987	11.58	ng/ul	0.00
58) Fluorene-d10	15.17	176	1070749	18.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	70097	7.05	ng/ul	0.00
71) Anthracene-d10	17.02	188	1657031	20.32	ng/ul	0.00
79) Pyrene-d10	19.33	212	1812560	20.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2268372	20.37	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.67	77	31731	1.787	ng/ul#	1
6) Phenol	6.73	94	187456	6.013	ng/ul	99
14) Acetophenone	8.34	105	116699	3.099	ng/ul	95
28) Naphthalene	10.33	128	182817	2.578	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	160977	2.967	ng/ul	100
35) 1-Methylnaphthalene	12.18	142	71984	1.345	ng/ul#	97
45) Dimethylphthalate	13.64	163	694853	11.039	ng/ul	99
70) Phenanthrene	16.96	178	1052235	11.115	ng/ul	98
72) Anthracene	16.96	178	1052946	11.061	ng/ul	98
75) Carbazole	17.33	167	85535	1.078	ng/ul#	77
76) Di-n-butylphthalate	17.91	149	203422	2.325	ng/ul#	94
77) Fluoranthene	18.99	202	1520458	14.991	ng/ul	96
80) Pyrene	19.36	202	1224632	10.947	ng/ul	99
81) Butylbenzylphthalate	20.28	149	158946	4.486	ng/ul	87
83) Benzo(a)anthracene	21.12	228	334028	2.926	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.07	149	2376381	44.420	ng/ul	99
85) Chrysene	21.17	228	533919	4.968	ng/ul#	94
87) Di-n-octyl phthalate	21.93	149	1052303	10.174	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	589772	4.372	ng/ul#	73
91) Benzo(a)pyrene	23.20	252	306345	2.481	ng/ul#	65
92) Indeno(1,2,3-cd)pyrene	25.43	276	220306	1.668	ng/ul#	94
94) Benzo(a,h,i)perylene	26.08	276	234577	2.192	ng/ul#	90

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 22 05:51:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

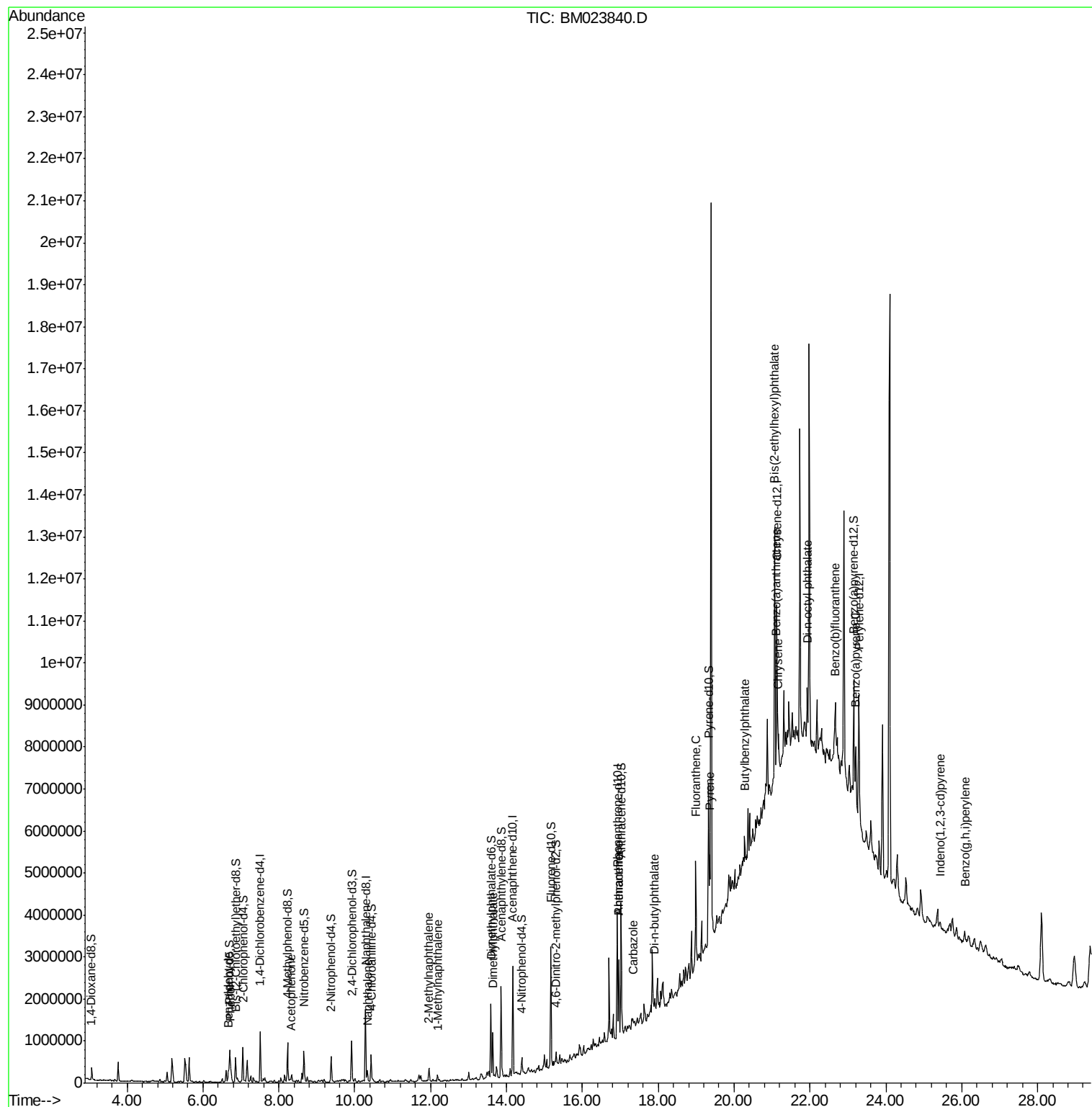
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

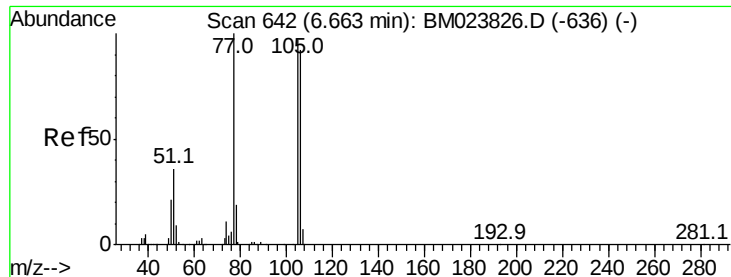
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 22 05:51:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.787 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Instrument :

BNA_M

ClientSampled :

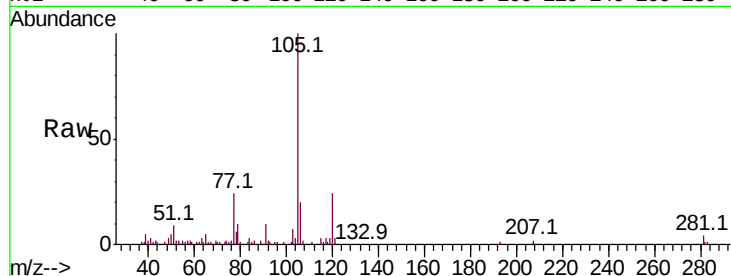
Tot Ion: 77 Resp: 31731

Ion Ratio Lower Upper

77 100

105 410.9 75.9 113.9#

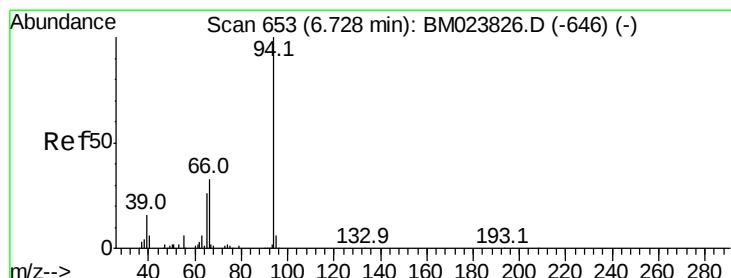
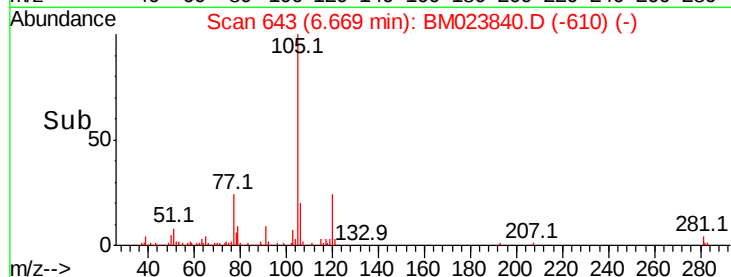
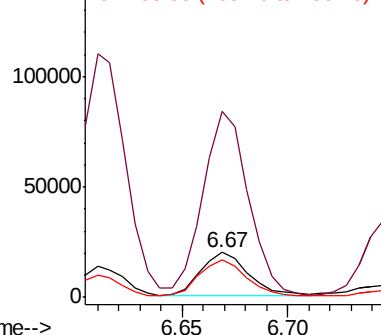
106 82.7 70.2 105.4



Abundance Ion 77.00 (76.70 to 77.70): BM023840.D (-610) (-)

150000 Ion 105.00 (104.70 to 105.70): BM023840.D (-610) (-)

100000 Ion 106.00 (105.70 to 106.70): BM023840.D (-610) (-)



#6

Phenol

Concen: 6.013 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

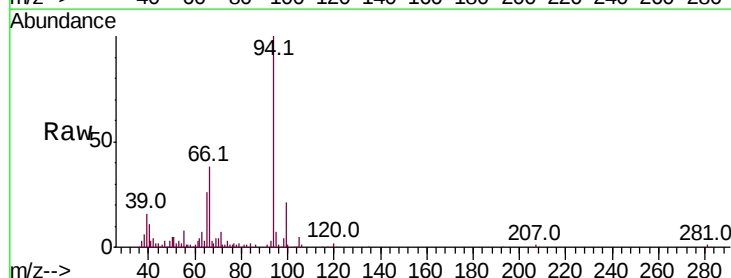
Tgt Ion: 94 Resp: 187456

Ion Ratio Lower Upper

94 100

65 26.2 21.4 32.2

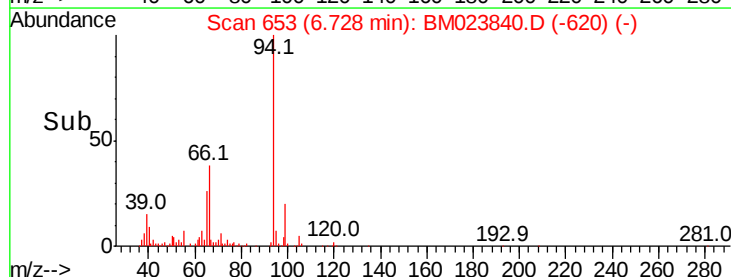
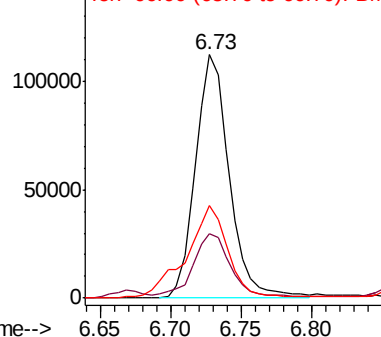
66 38.0 30.7 46.1

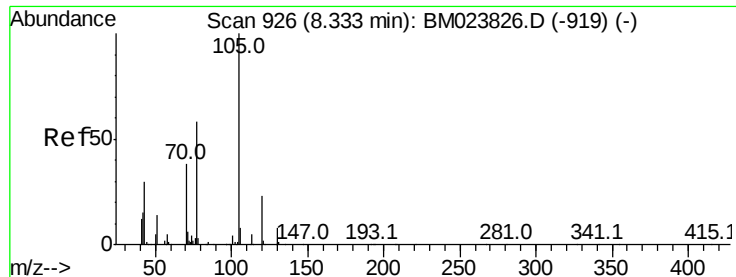


Abundance Ion 94.00 (93.70 to 94.70): BM023840.D (-620) (-)

150000 Ion 65.00 (64.70 to 65.70): BM023840.D (-620) (-)

100000 Ion 66.00 (65.70 to 66.70): BM023840.D (-620) (-)





#14

Acetophenone

Concen: 3.099 ng/ul

RT: 8.34 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Instrument :

BNA_M

ClientSampleId :

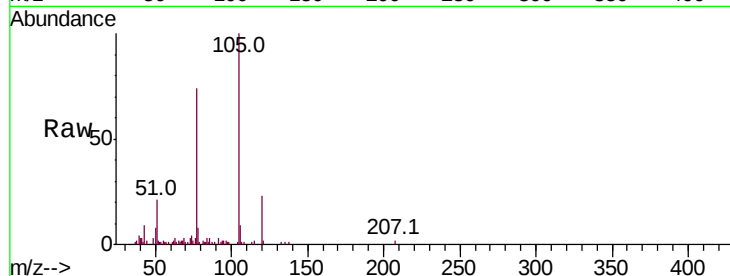
Tot Ion:105 Resp: 116699

Ion Ratio Lower Upper

105 100

77 74.3 63.8 95.6

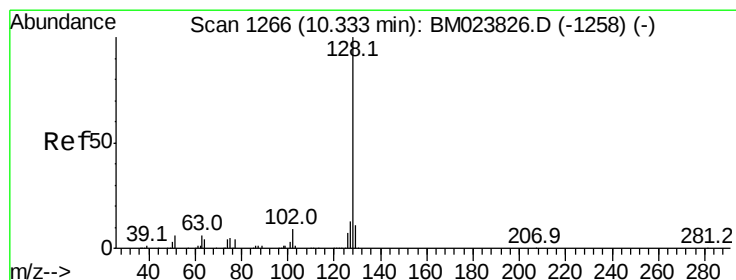
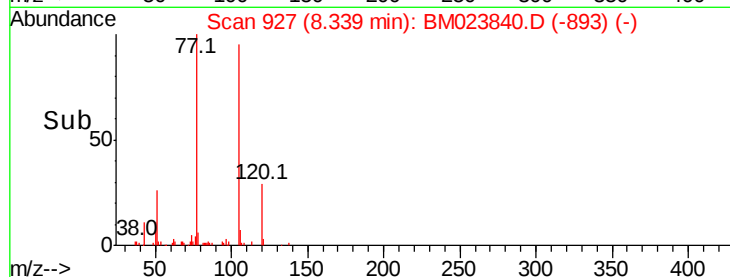
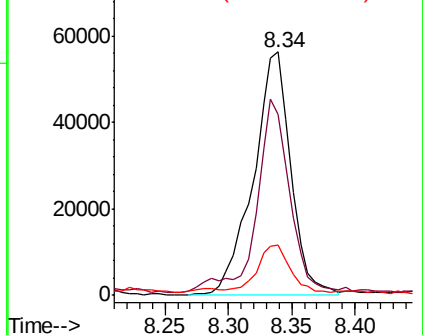
51 20.7 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#28

Naphthalene

Concen: 2.578 ng/ul

RT: 10.33 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

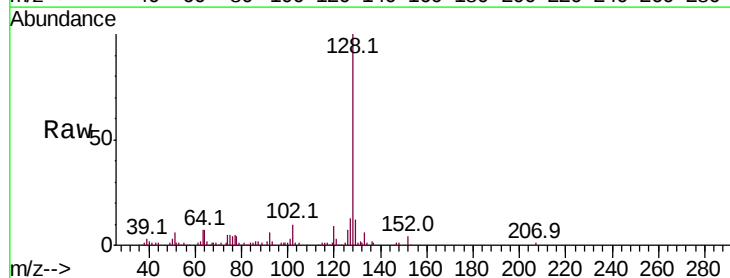
Tgt Ion:128 Resp: 182817

Ion Ratio Lower Upper

128 100

129 11.9 8.7 13.1

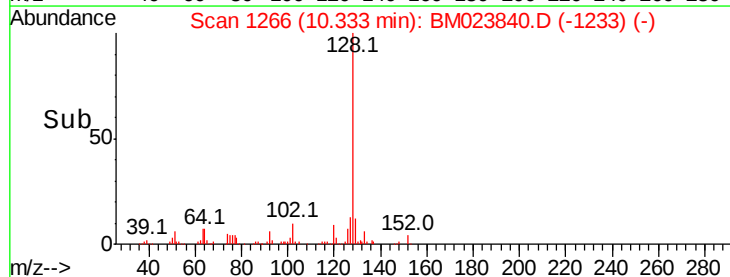
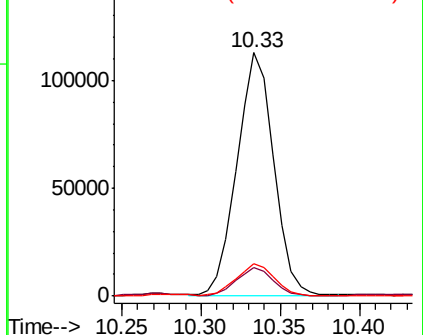
127 13.5 10.6 16.0

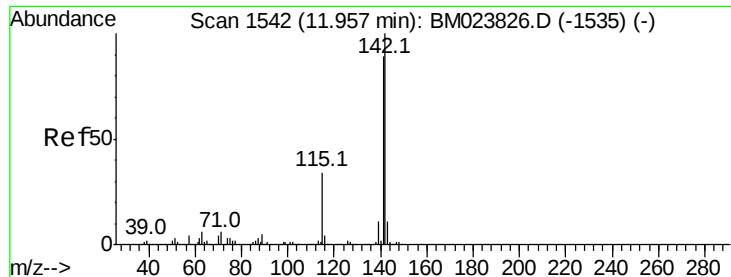


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

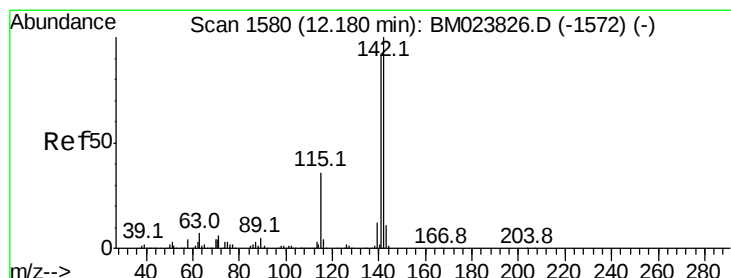
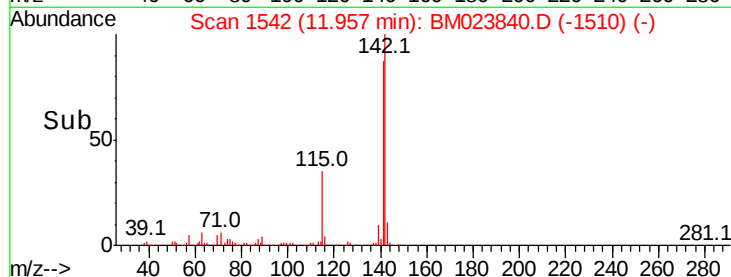
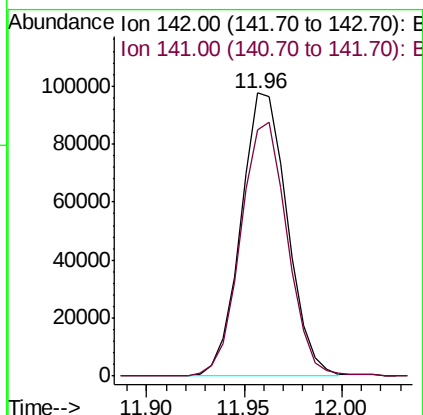
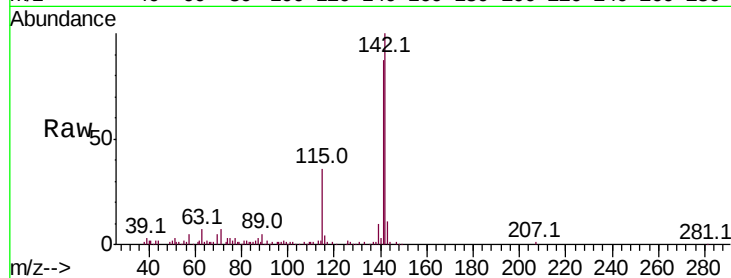




#34
2-Methylnaphthalene
Concen: 2.967 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

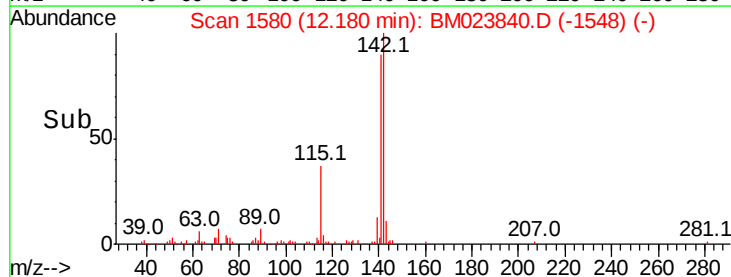
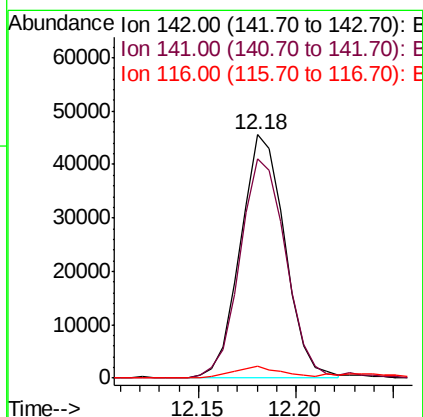
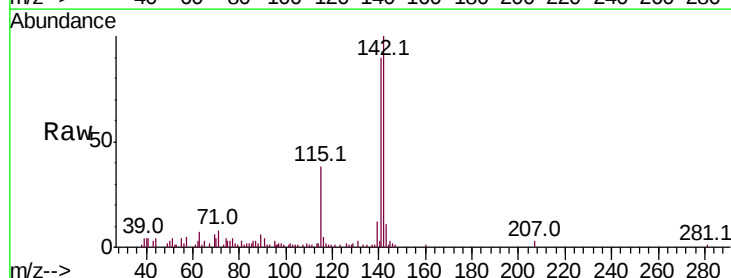
Instrument :
BNA_M
ClientSampled :

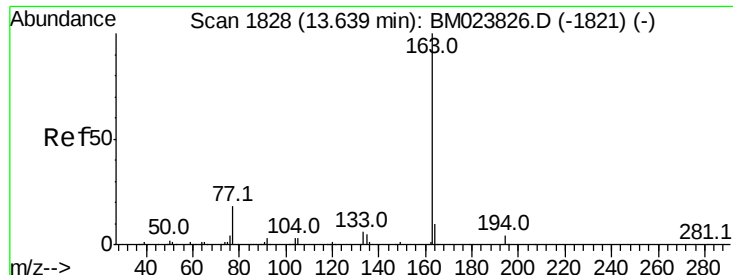
Tot Ion:142 Resp: 160977
Ion Ratio Lower Upper
142 100
141 87.0 69.8 104.8



#35
1-Methylnaphthalene
Concen: 1.345 ng/ul
RT: 12.18 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion:142 Resp: 71984
Ion Ratio Lower Upper
142 100
141 90.2 74.6 112.0
116 4.9 3.2 4.8#

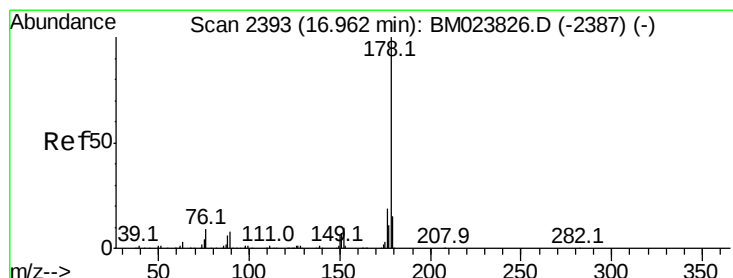
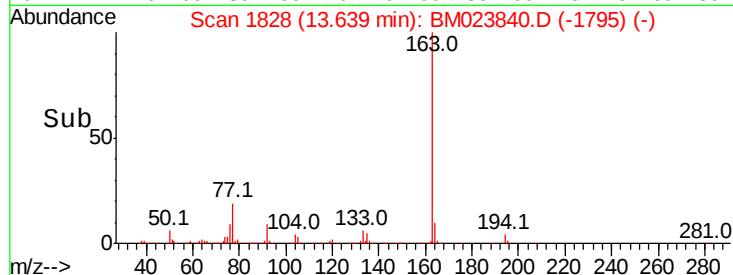
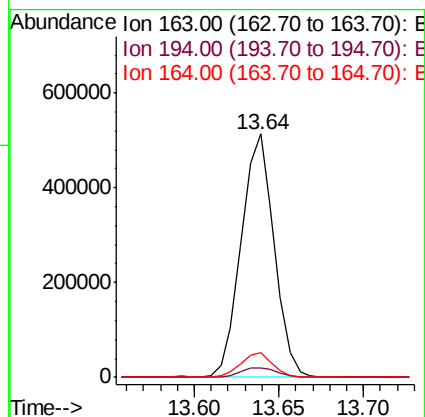
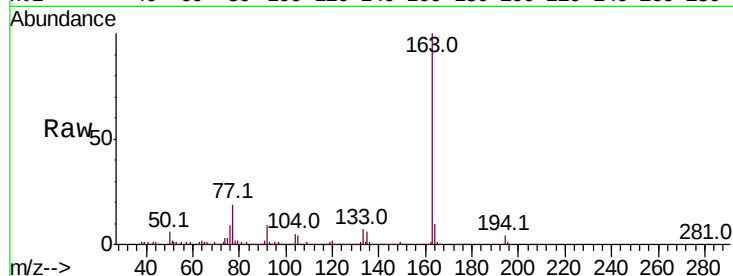




#45
Dimethylphthalate
Concen: 11.039 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

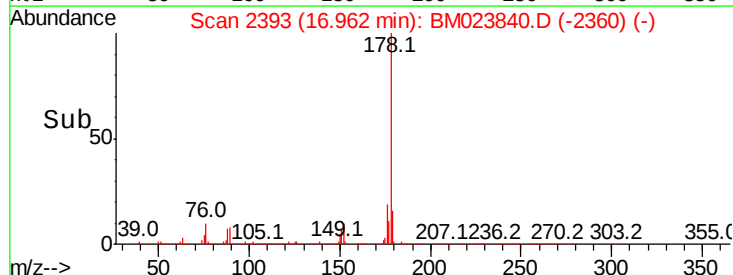
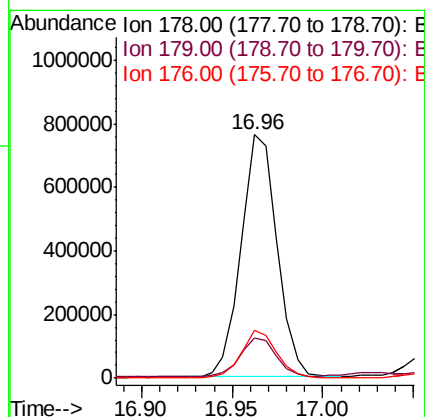
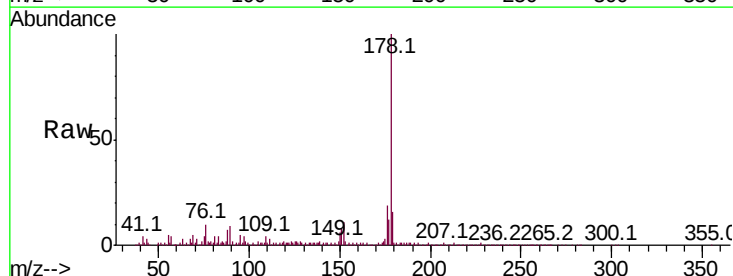
Instrument :
BNA_M
ClientSampleId :

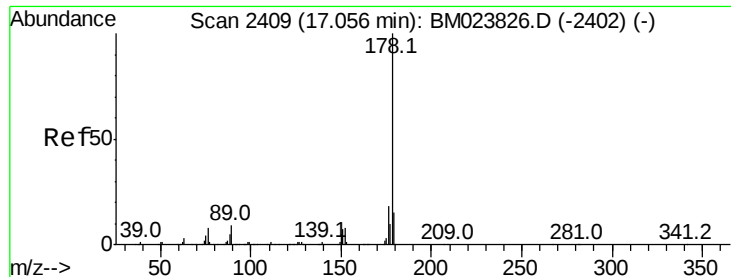
Tot Ion:163 Resp: 694853
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 8.0 12.0



#70
Phenanthrene
Concen: 11.115 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion:178 Resp: 1052235
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 19.5 15.0 22.6





#72

Anthracene

Concen: 11.061 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. -0.10 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

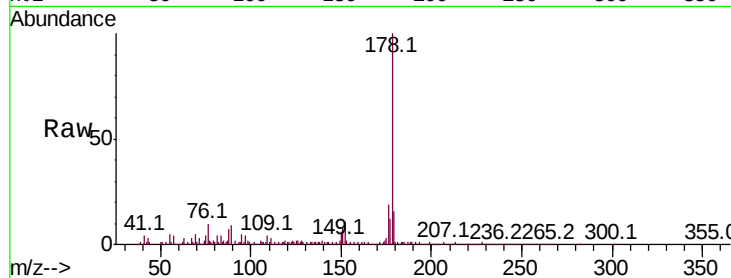
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1052946

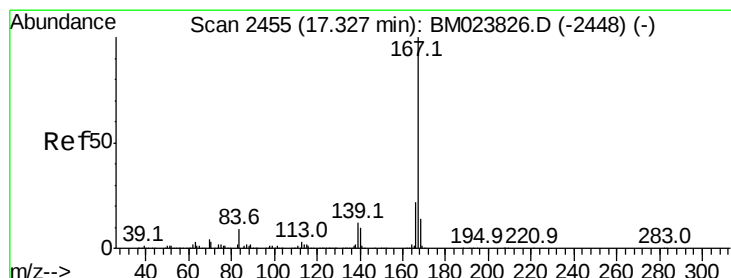
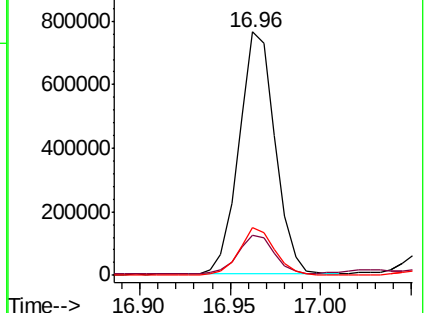
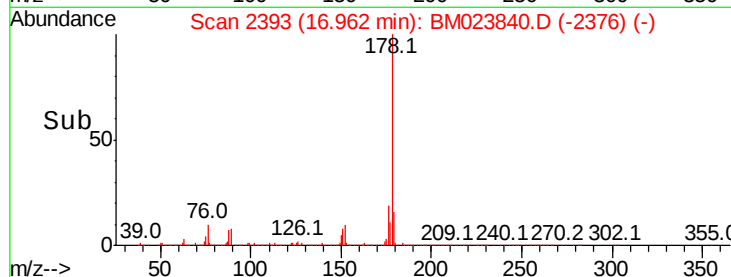
Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	19.5	14.7	22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 1.078 ng/ul

RT: 17.33 min Scan# 2456

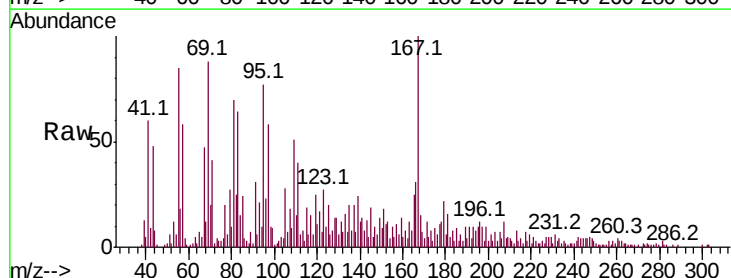
Delta R.T. -0.00 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Tgt Ion:167 Resp: 85535

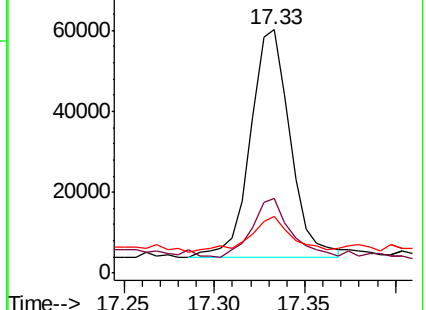
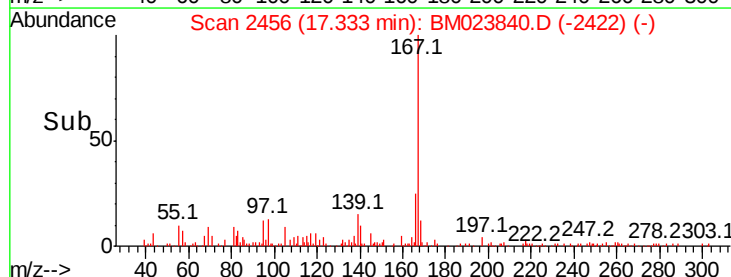
Ion	Ratio	Lower	Upper
167	100		
166	30.6	17.1	25.7#
139	23.5	9.8	14.6#

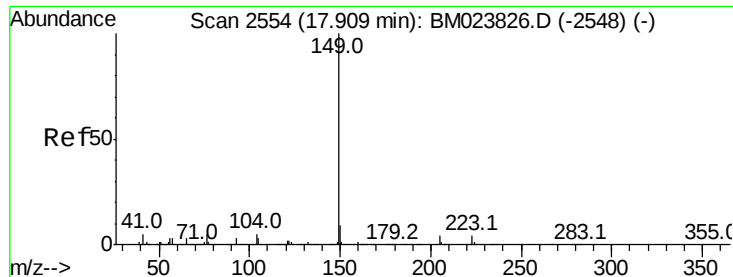


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

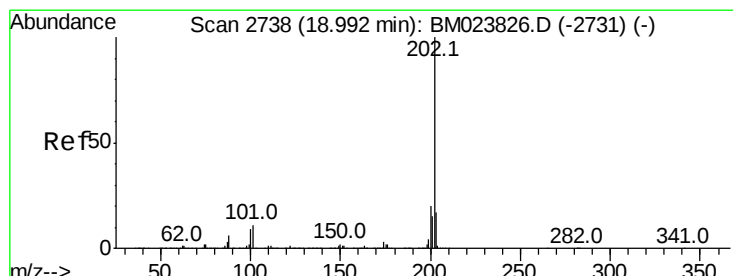
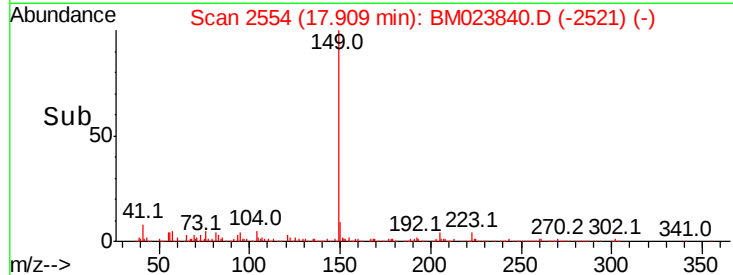
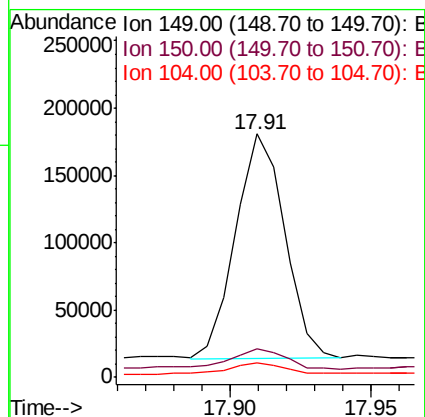
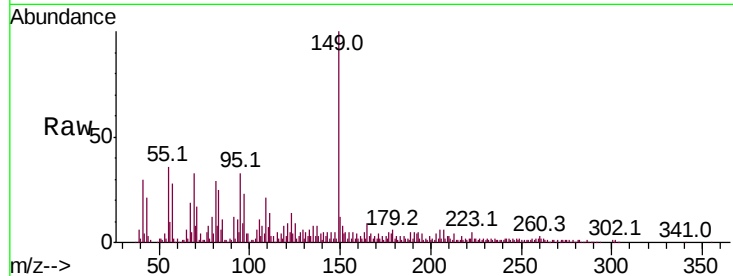




#76
Di-n-butylphthalate
Concen: 2.325 ng/ul
RT: 17.91 min Scan# 2554
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

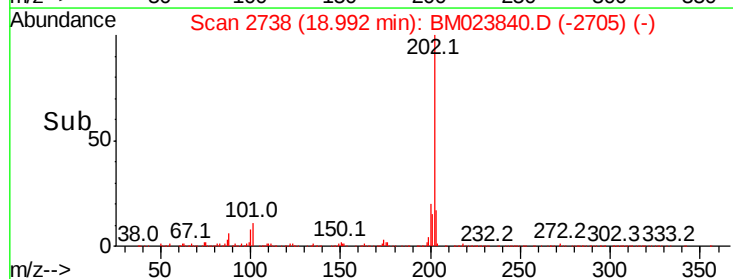
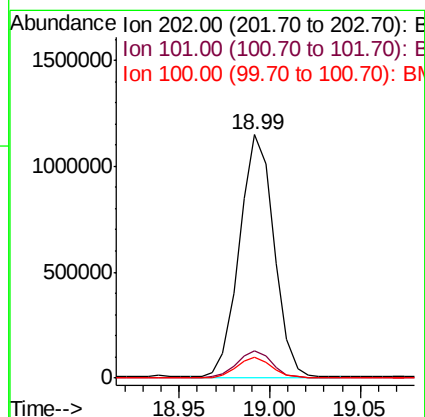
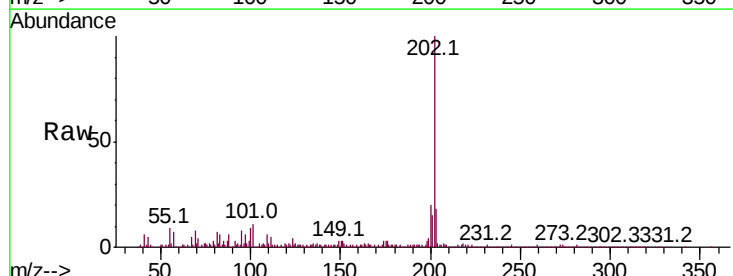
Instrument :
BNA_M
ClientSampled :

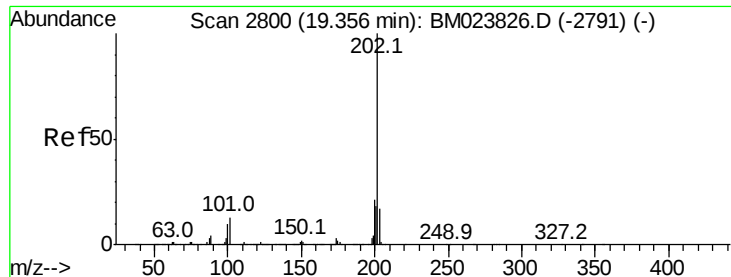
Tot Ion	Ratio	Lower	Upper
149	100		
150	11.9	7.1	10.7
104	5.9	4.2	6.2



#77
Fluoranthene
Concen: 14.991 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	7.7	11.5
100	8.5	6.0	9.0

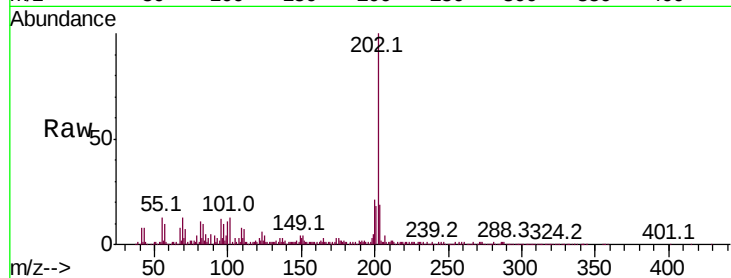




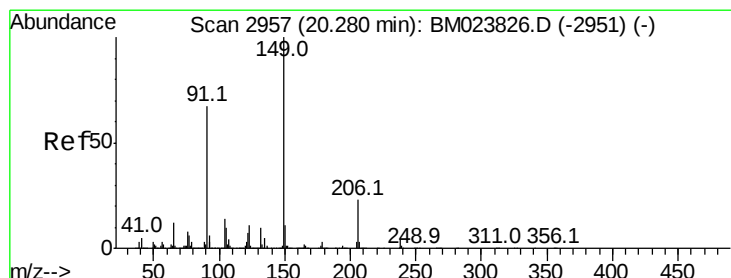
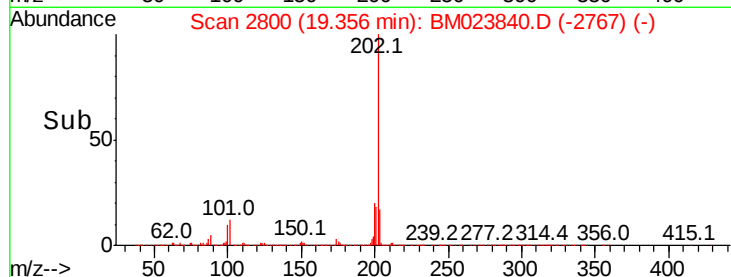
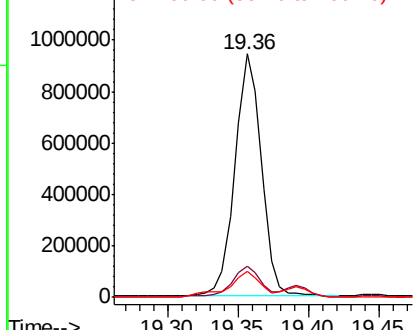
#80
Pvrene
Concen: 10.947 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1224632
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.6
100 10.6 8.1 12.1

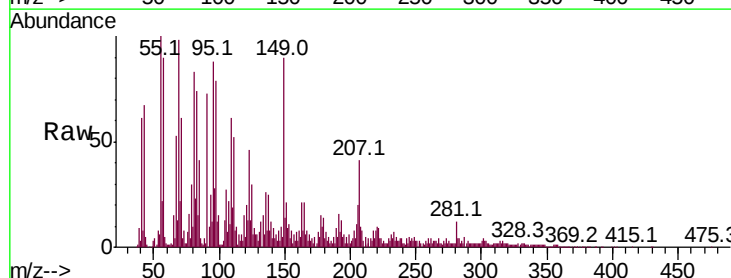


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

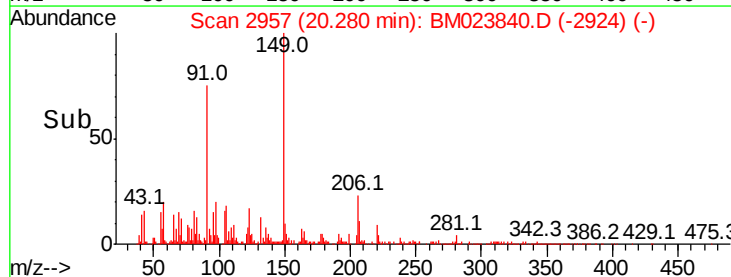
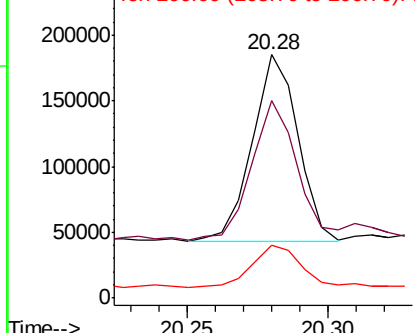


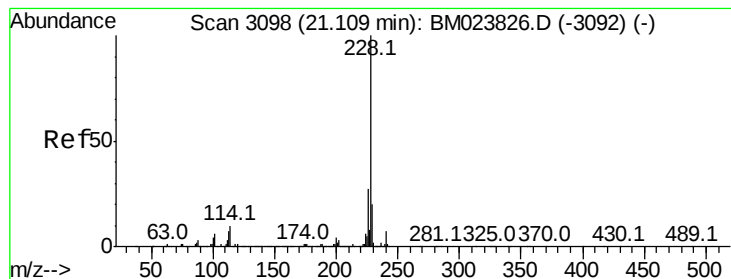
#81
Butylbenzylphthalate
Concen: 4.486 ng/ul
RT: 20.28 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion:149 Resp: 158946
Ion Ratio Lower Upper
149 100
91 81.2 54.9 82.3
206 21.8 19.3 28.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 2.926 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Instrument :

BNA_M

ClientSampleId :

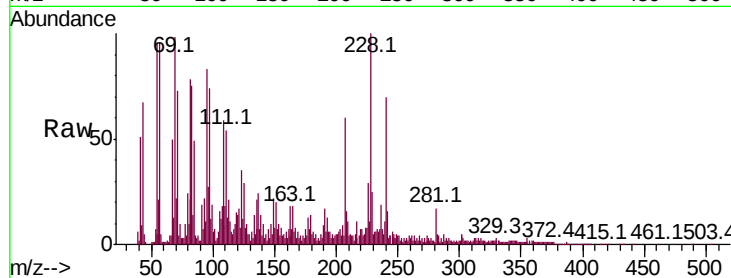
Tot Ion:228 Resp: 334028

Ion Ratio Lower Upper

228 100

229 25.4 15.6 23.4#

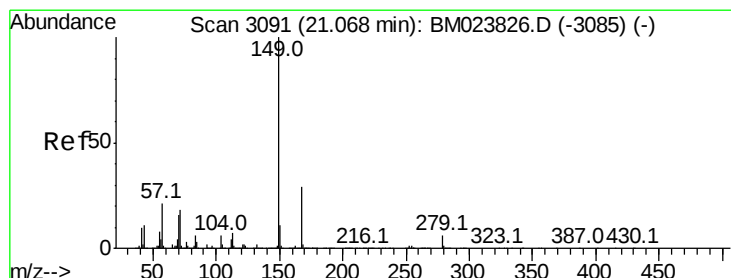
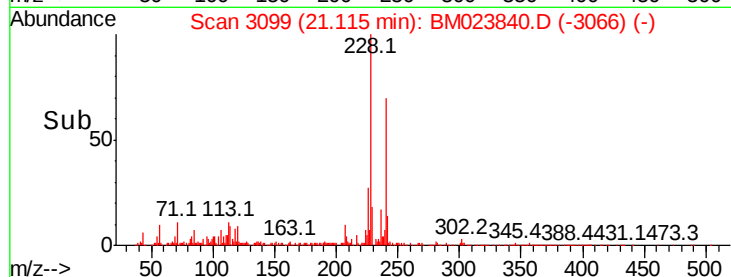
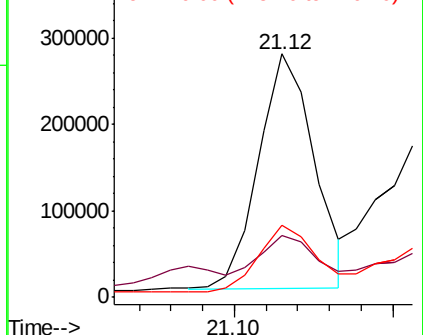
226 29.4 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.420 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

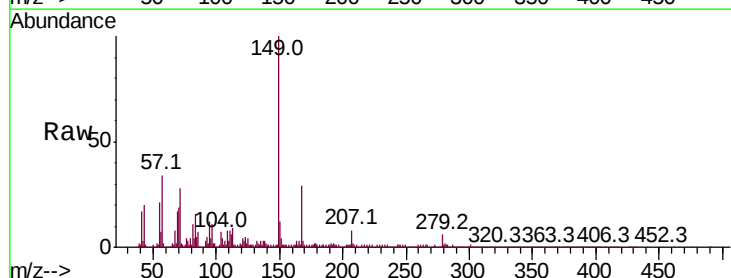
Tgt Ion:149 Resp: 2376381

Ion Ratio Lower Upper

149 100

167 28.9 23.4 35.2

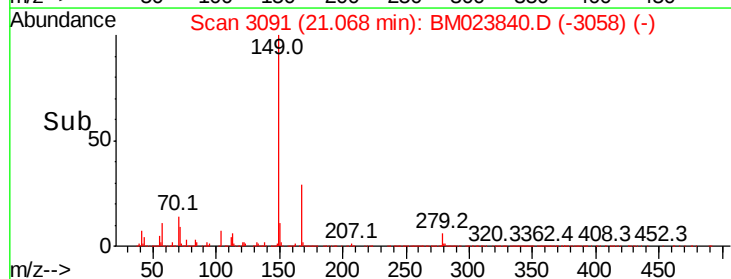
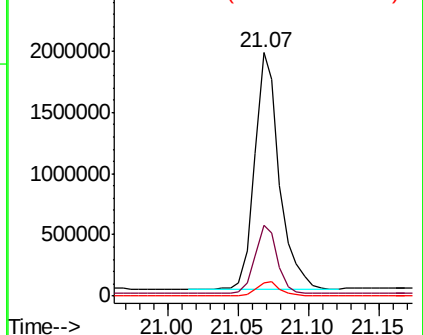
279 5.6 5.0 7.4

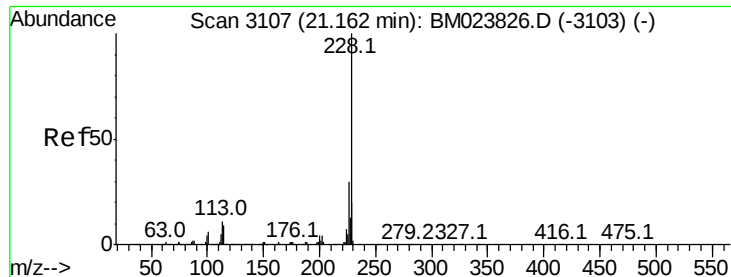


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 4.968 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Instrument :

BNA_M

ClientSampleId :

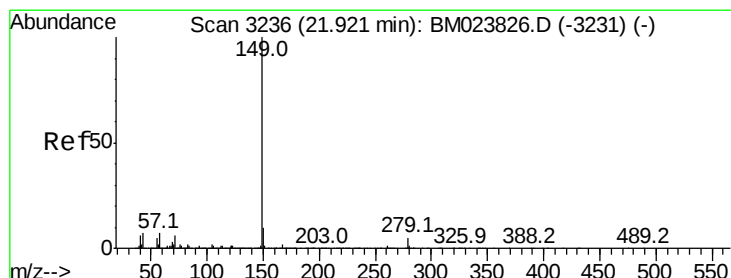
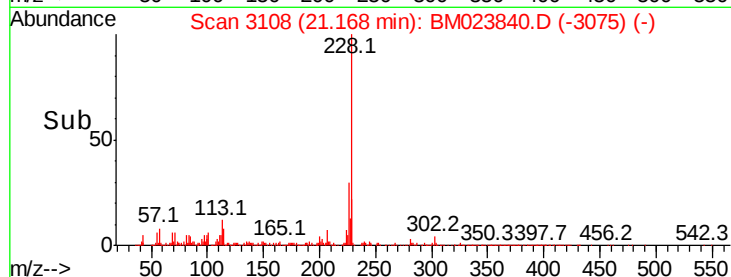
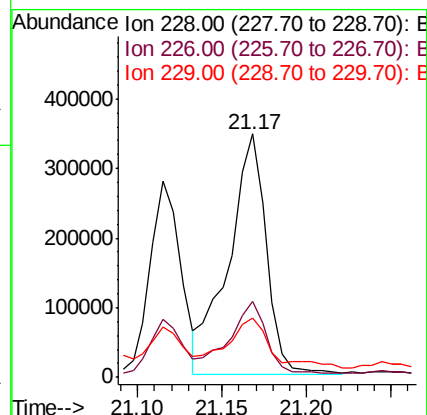
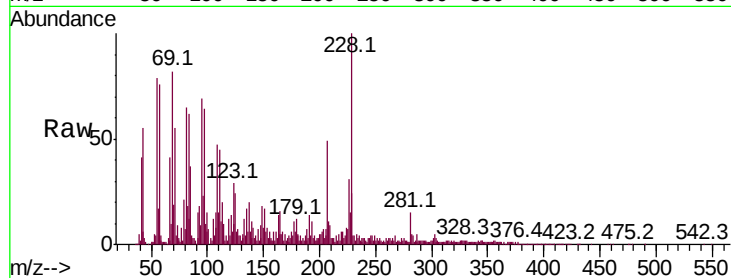
Tot Ion:228 Resp: 533919

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

229 24.4 15.8 23.6#



#87

Di-n-octyl phthalate

Concen: 10.174 ng/ul

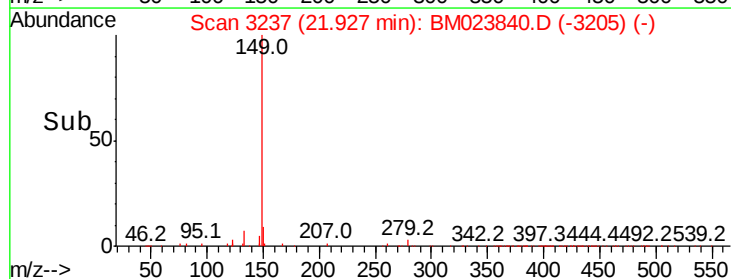
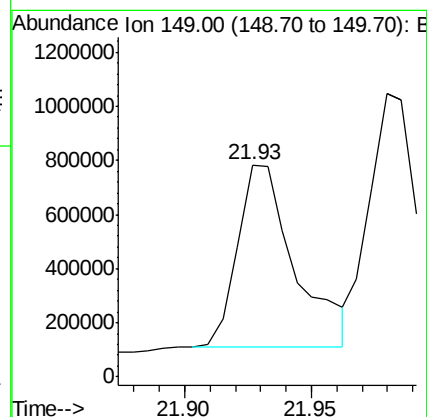
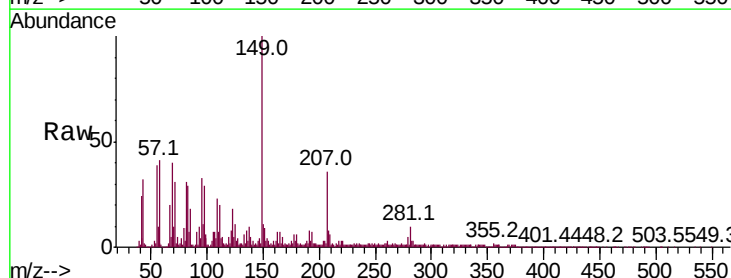
RT: 21.93 min Scan# 3237

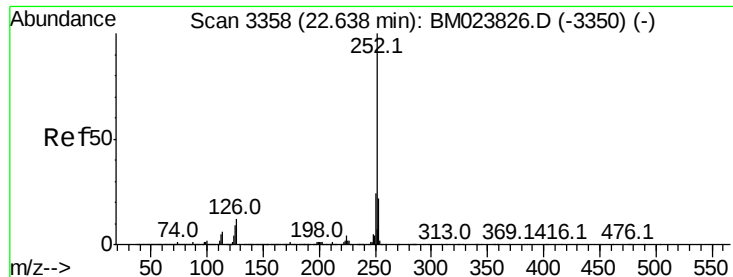
Delta R.T. -0.01 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Tgt Ion:149 Resp: 1052303





#88

Benzo(b)fluoranthene

Concen: 4.372 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

Instrument :

BNA_M

ClientSampleId :

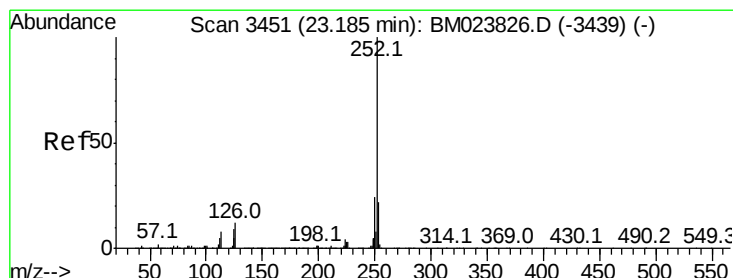
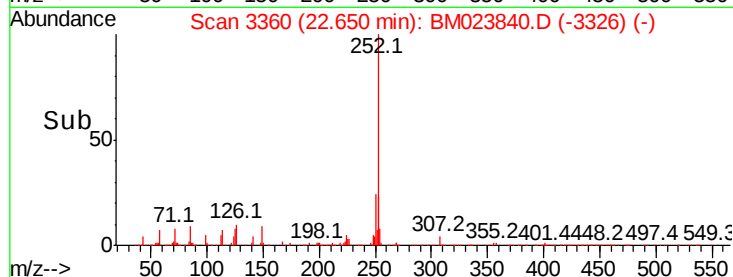
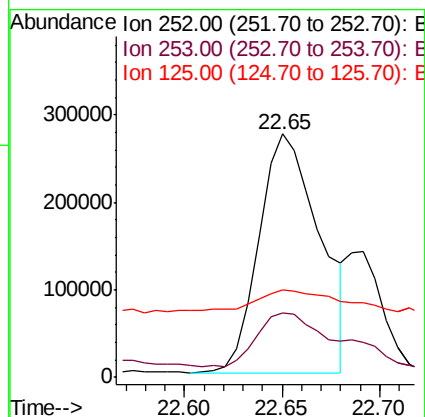
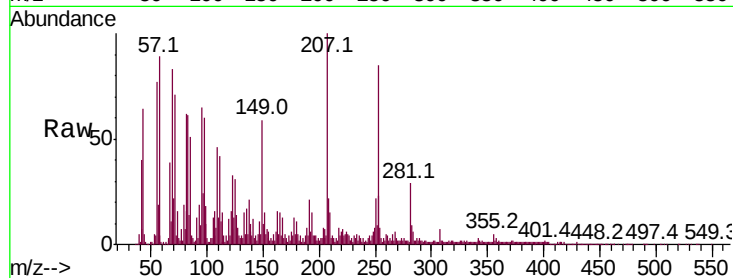
Tot Ion:252 Resp: 589772

Ion Ratio Lower Upper

252 100

253 26.5 17.8 26.8

125 35.9 6.5 9.7#



#91

Benzo(a)pyrene

Concen: 2.481 ng/ul

RT: 23.20 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BM023840.D

Acq: 21 Nov 2019 21:43

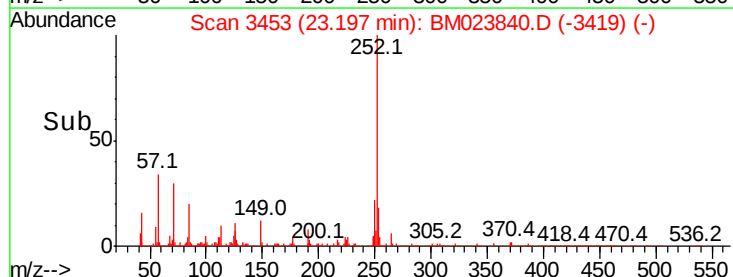
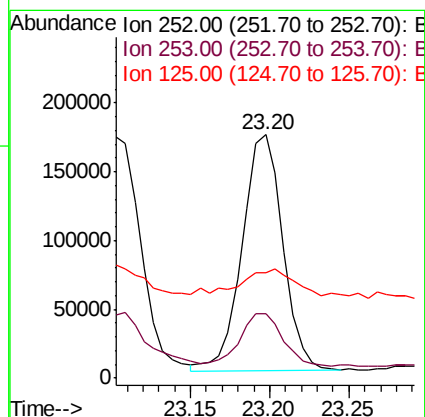
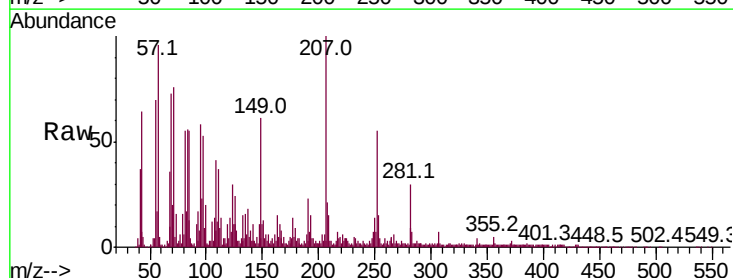
Tgt Ion:252 Resp: 306345

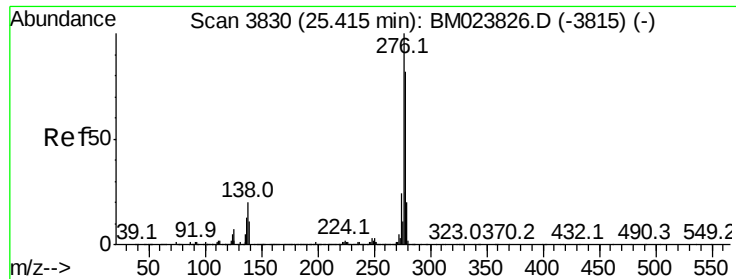
Ion Ratio Lower Upper

252 100

253 26.3 17.3 25.9#

125 43.2 6.9 10.3#



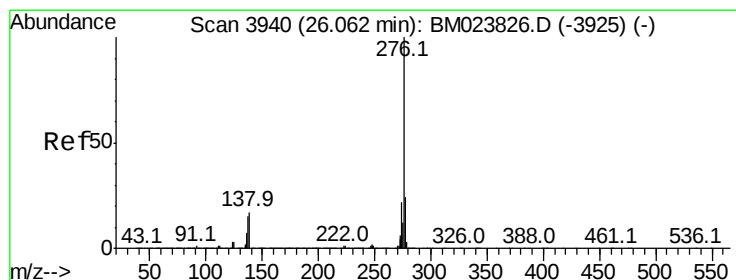
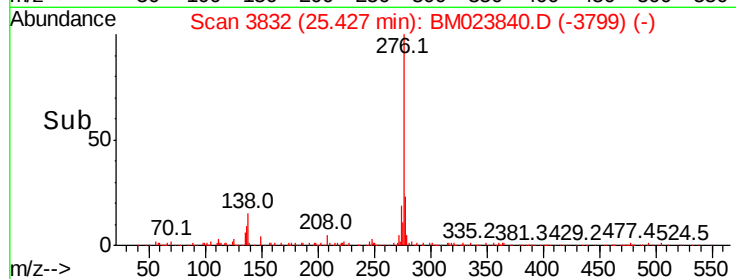
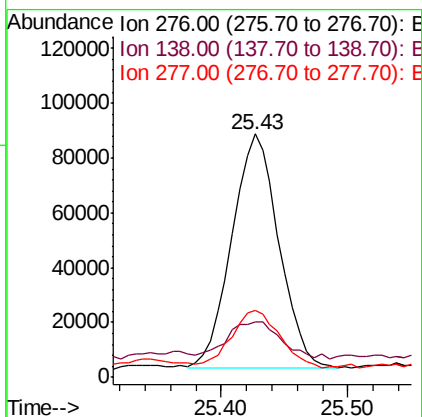
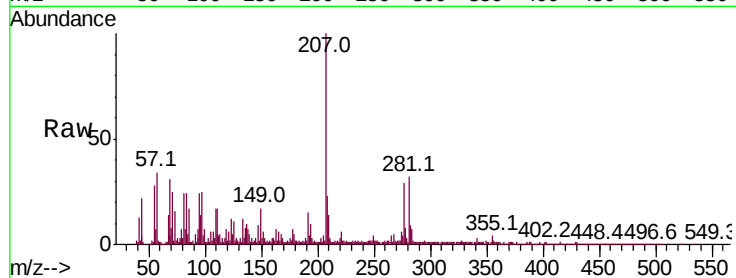


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.668 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	15.0	22.4#
277	27.4	20.0	30.0



#94

Benzo(g,h,i)perylene
Concen: 2.192 ng/ul
RT: 26.08 min Scan# 3943
Delta R.T. -0.01 min
Lab File: BM023840.D
Acq: 21 Nov 2019 21:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	13.2	19.8#
277	26.0	18.6	28.0

