

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
 Data File : BM023668.D
 Acq On : 12 Nov 2019 17:14
 Operator : JU
 Sample : K5565-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 13 00:05:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 05:56:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	494845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2231523	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1550981	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	3345824	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2473039	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2383269	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	33911	2.82	ng/uL	0.00
5) Phenol-d5	6.73	99	748300	16.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	447645	17.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	577094	17.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	618476	17.19	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	288951	18.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	327700	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	679322	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	659344	15.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2345636	19.39	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2569271	18.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	240895	11.67	ng/ul	0.00
58) Fluorene-d10	15.20	176	2059773	19.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	297386	15.37	ng/ul	0.00
71) Anthracene-d10	17.05	188	3251536	20.49	ng/ul	0.00
79) Pyrene-d10	19.35	212	3475707	26.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2764065	22.04	ng/ul	-0.01

Target Compounds

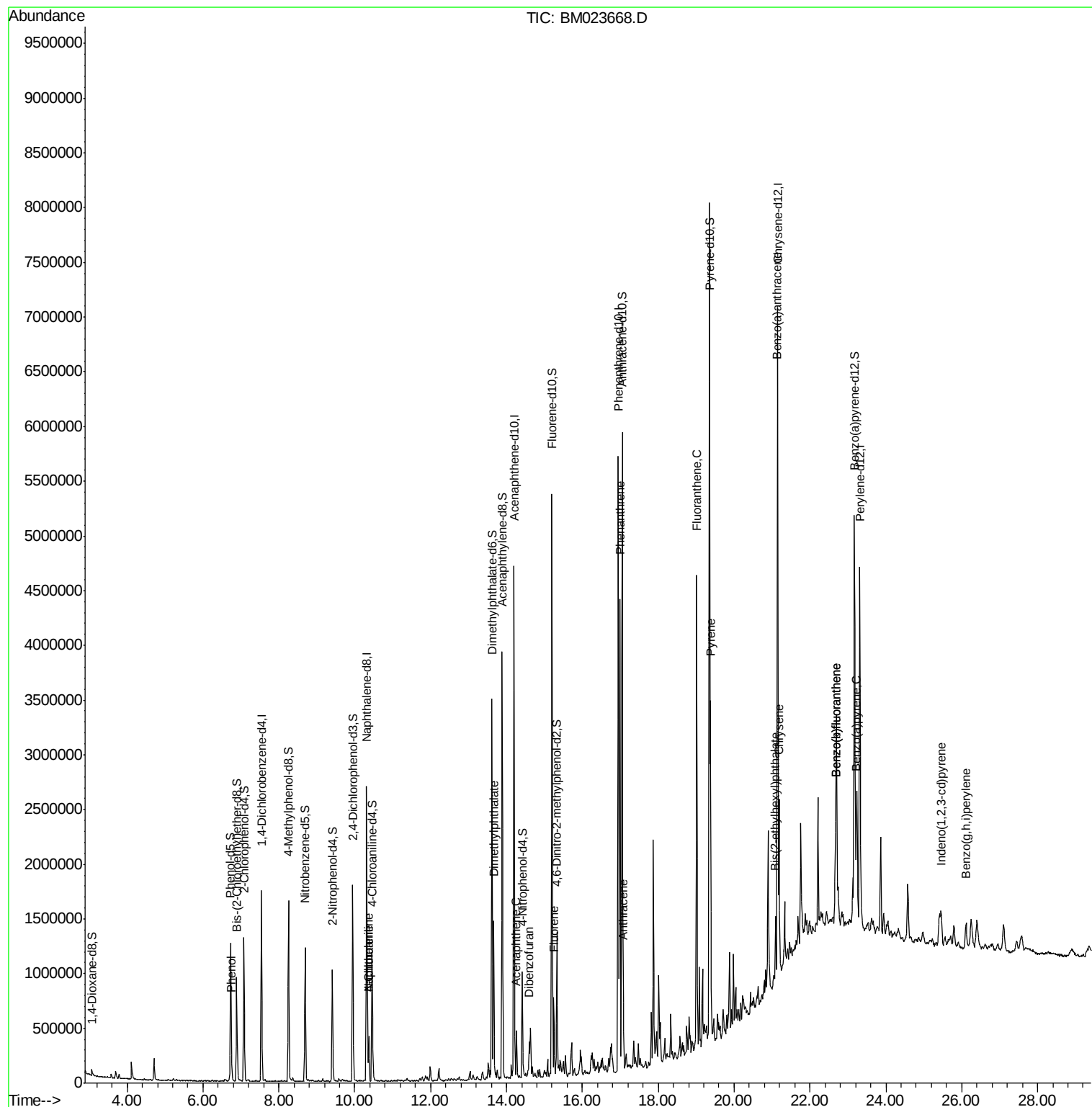
					Ovalue
6) Phenol	6.75	94	67147	1.445 ng/ul	93
28) Naphthalene	10.37	128	332420	2.834 ng/ul	99
30) 4-Chloroaniline	10.37	127	44115	1.021 ng/ul#	20
45) Dimethylphthalate	13.67	163	933900	7.879 ng/ul	99
50) Acenaphthene	14.26	153	160914	1.632 ng/ul	96
54) Dibenzofuran	14.60	168	165927	1.137 ng/ul	99
59) Fluorene	15.25	166	297269	2.510 ng/ul	98
70) Phenanthrene	16.99	178	2507200	13.604 ng/ul	100
72) Anthracene	17.08	178	418466	2.258 ng/ul	99
77) Fluoranthene	19.02	202	2541828	12.873 ng/ul	99
80) Pyrene	19.38	202	1943133	12.156 ng/ul	98
83) Benzo(a)anthracene	21.14	228	738612	4.528 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	193610	2.533 ng/ul	100
85) Chrysene	21.19	228	820292	5.341 ng/ul	98
88) Benzo(b)fluoranthene	22.67	252	655361	4.314 ng/ul#	93
89) Benzo(k)fluoranthene	22.67	252	655361	4.477 ng/ul#	91
91) Benzo(a)pyrene	23.22	252	515404	3.706 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	294076	1.977 ng/ul	96
94) Benzo(g,h,i)perylene	26.11	276	276663	2.296 ng/ul	98

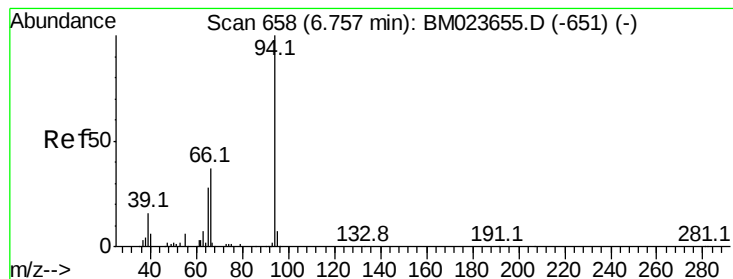
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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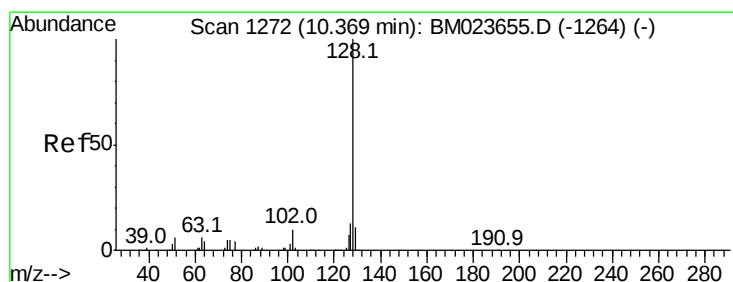
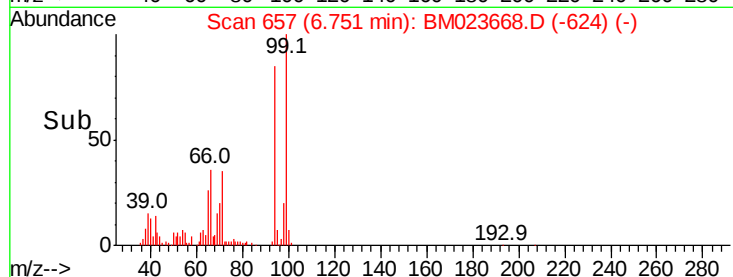
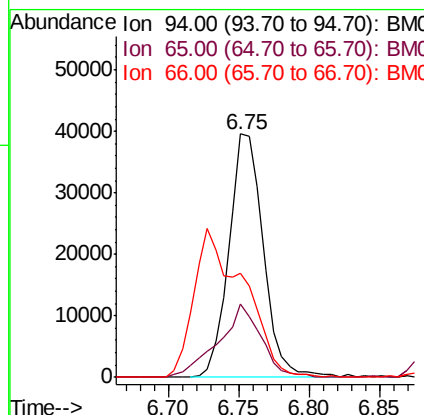
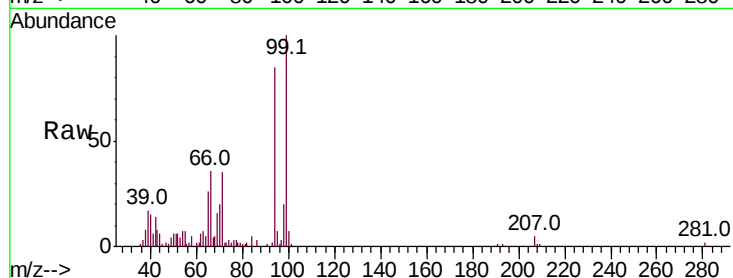
#6

Phenol

Concen: 1.445 ng/ul
 RT: 6.75 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BM023668.D
 Acq: 12 Nov 2019 17:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.2	21.4	32.2
66	42.9	30.7	46.1

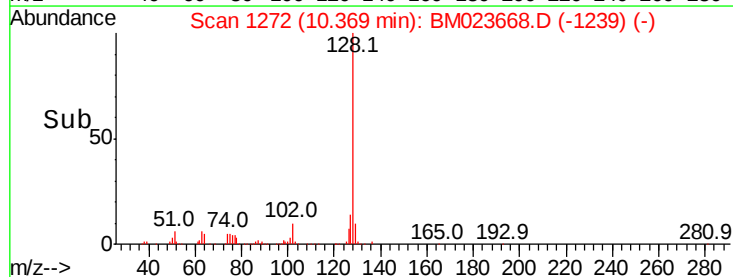
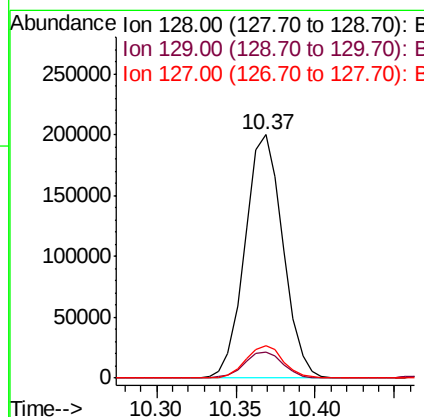
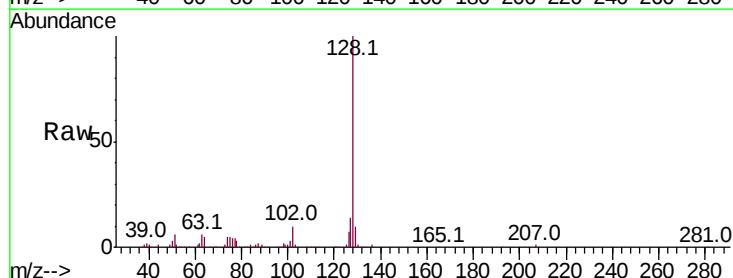


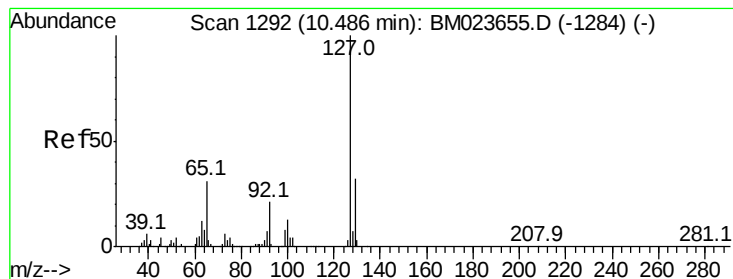
#28

Naphthalene

Concen: 2.834 ng/ul
 RT: 10.37 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BM023668.D
 Acq: 12 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	13.5	10.6	16.0





#30

4-Chloroaniline

Concen: 1.021 ng/ul

RT: 10.37 min Scan# 1272

Delta R.T. -0.12 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

Instrument :

BNA_M

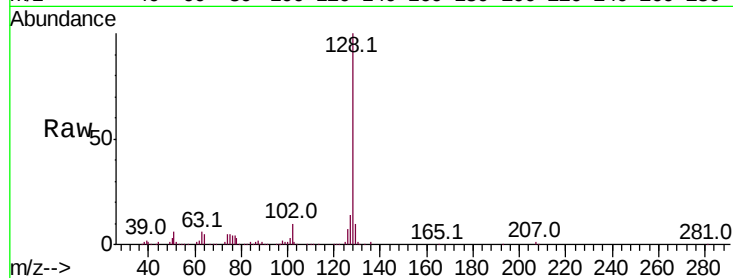
ClientSampleId :

Tot Ion:127 Resp: 44115

Ion Ratio Lower Upper

127 100

129 77.3 26.1 39.1#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

10.37

25000

20000

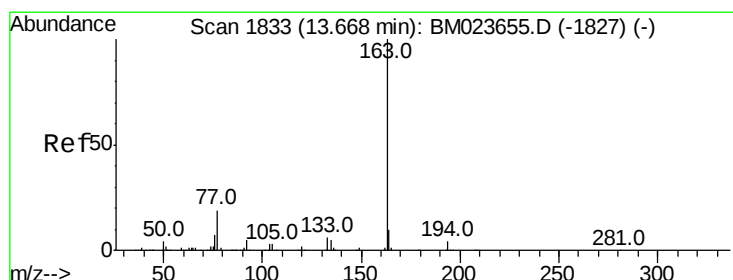
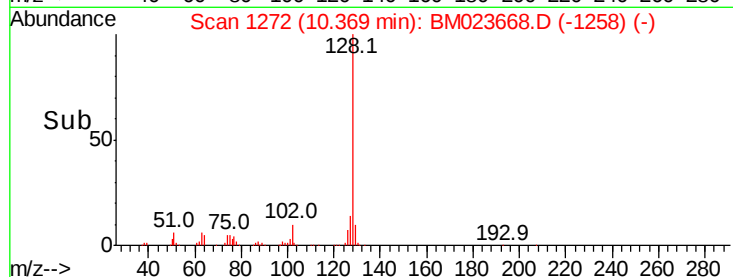
15000

10000

5000

0

Time--> 10.30 10.35 10.40



#45

Dimethylphthalate

Concen: 7.879 ng/ul

RT: 13.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

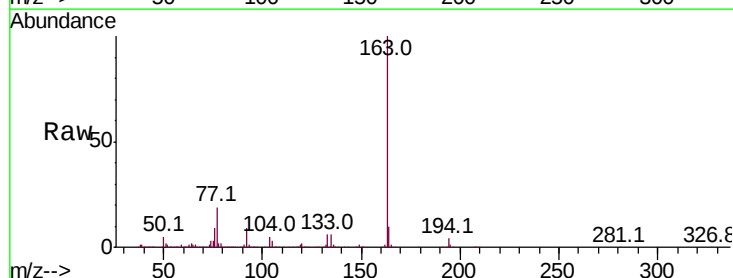
Tgt Ion:163 Resp: 933900

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.67

800000

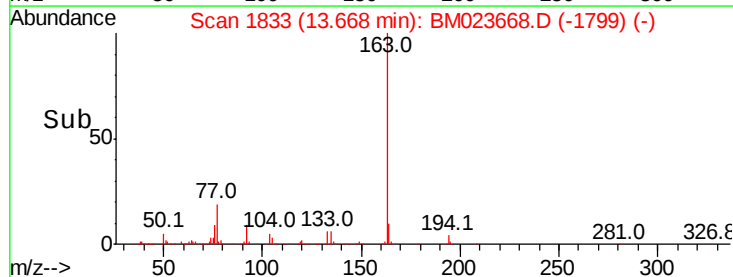
600000

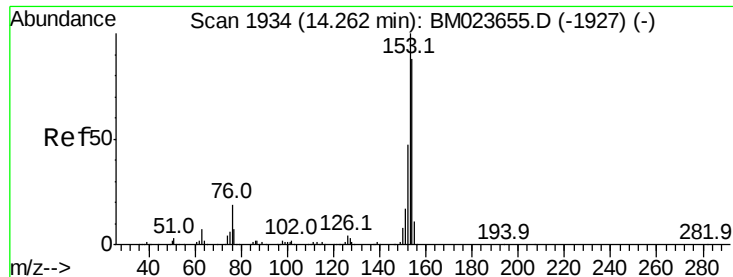
400000

200000

0

Time--> 13.60 13.65 13.70 13.75





#50

Acenaphthene

Concen: 1.632 ng/ul

RT: 14.26 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

Instrument :

BNA_M

ClientSampleId :

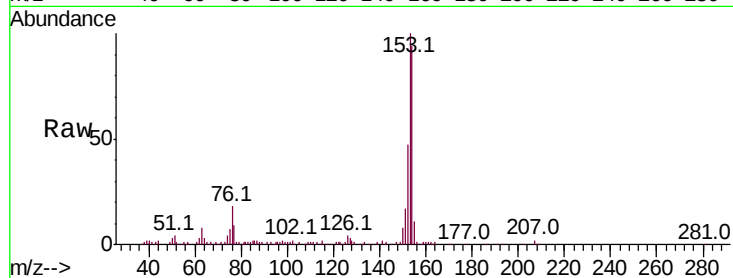
Tot Ion:153 Resp: 160914

Ion Ratio Lower Upper

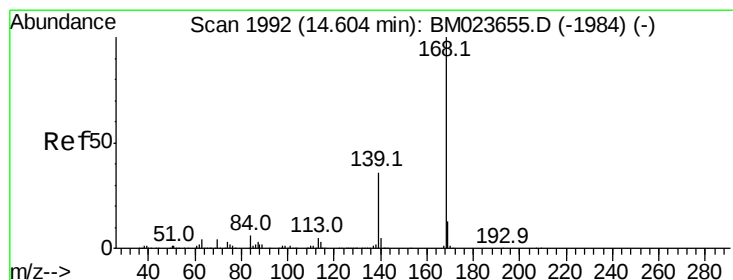
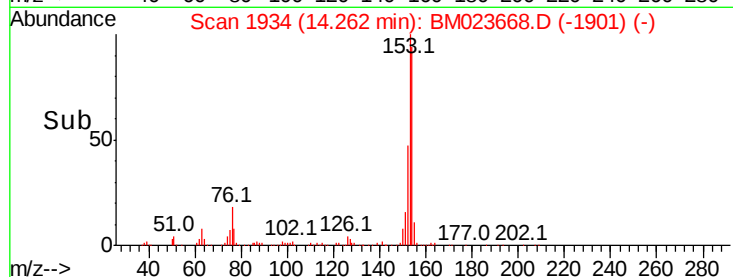
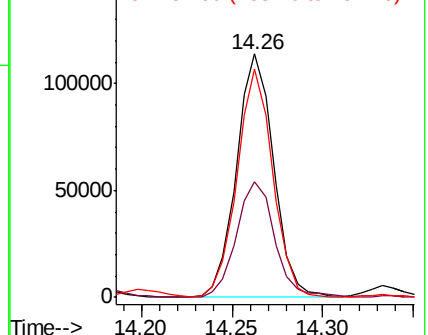
153 100

152 47.5 37.7 56.5

154 93.9 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.137 ng/ul

RT: 14.60 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BM023668.D

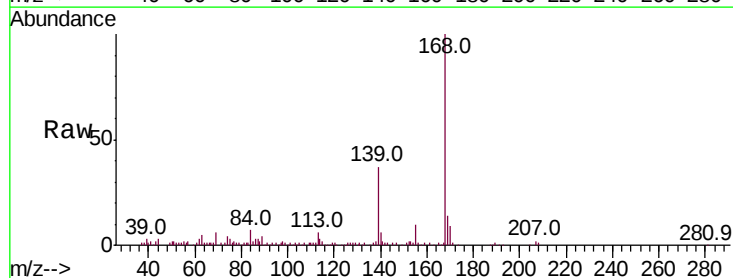
Acq: 12 Nov 2019 17:14

Tgt Ion:168 Resp: 165927

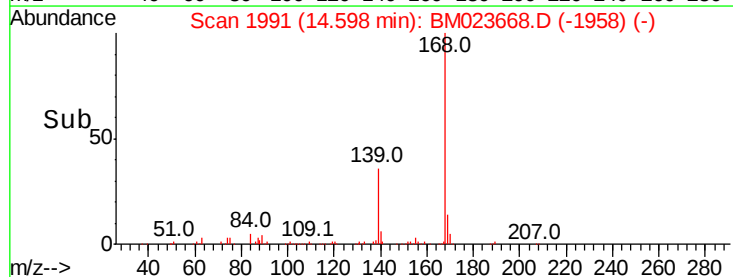
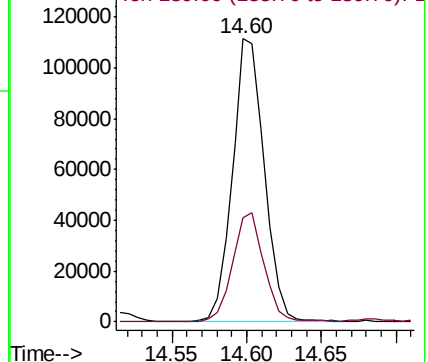
Ion Ratio Lower Upper

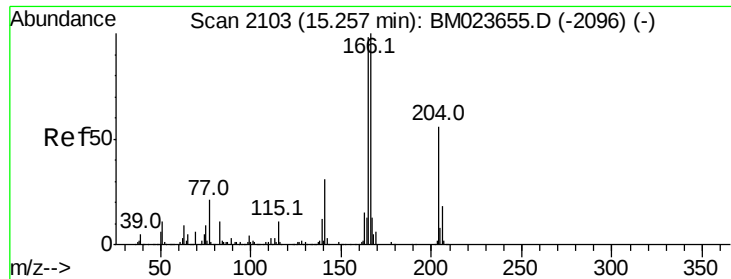
168 100

139 36.9 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

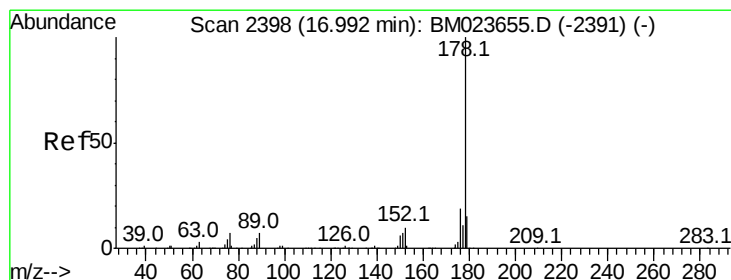
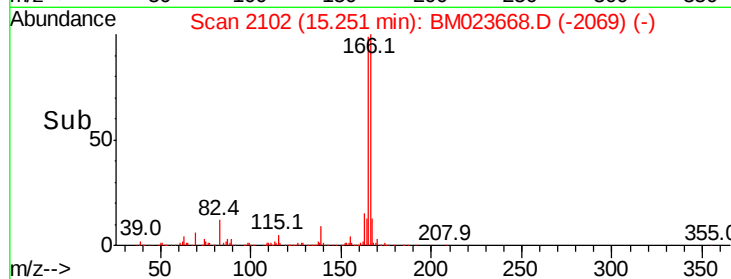
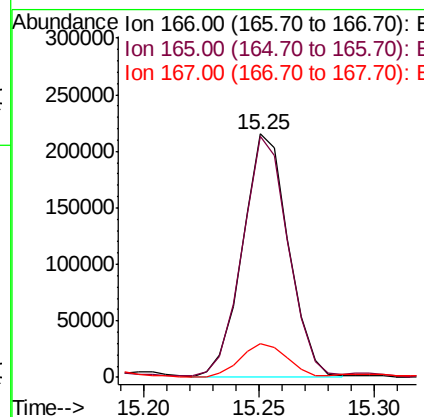
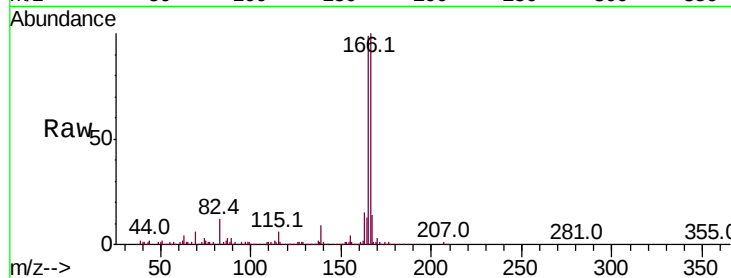




#59
Fluorene
Concen: 2.510 ng/ul
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

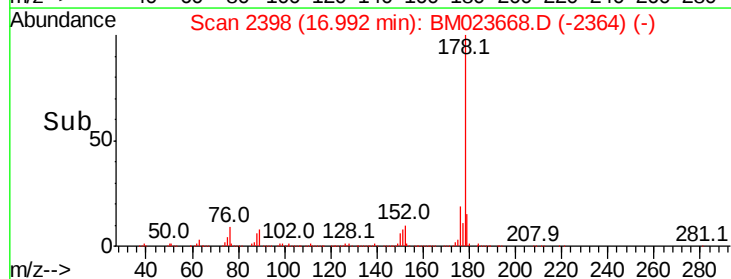
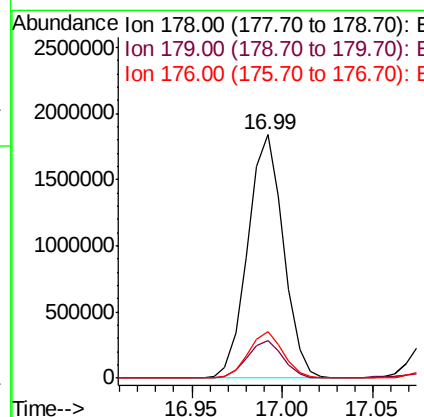
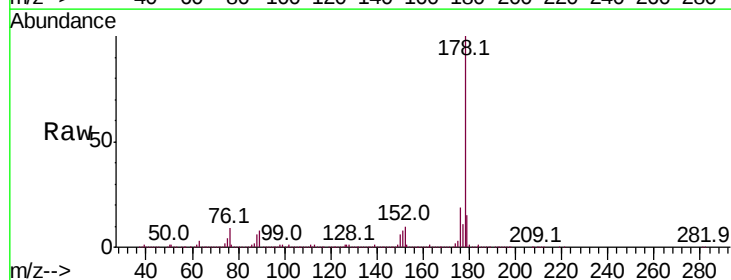
Instrument :
BNA_M
ClientSampleId :

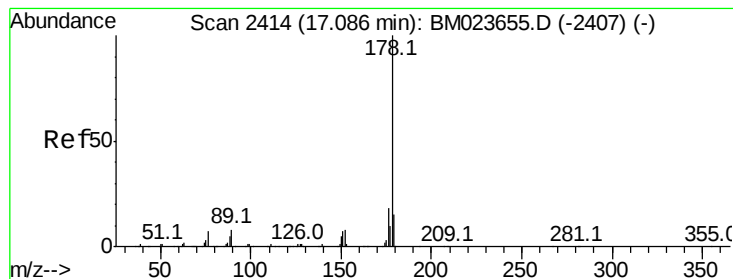
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.2	115.8
167	14.0	10.9	16.3



#70
Phenanthrene
Concen: 13.604 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.1	15.0	22.6





#72

Anthracene

Concen: 2.258 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

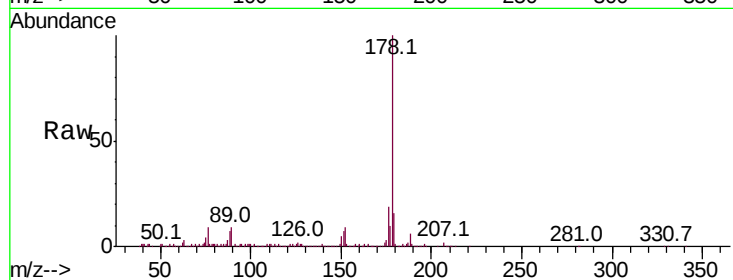
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 418466

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.8	14.7	22.1

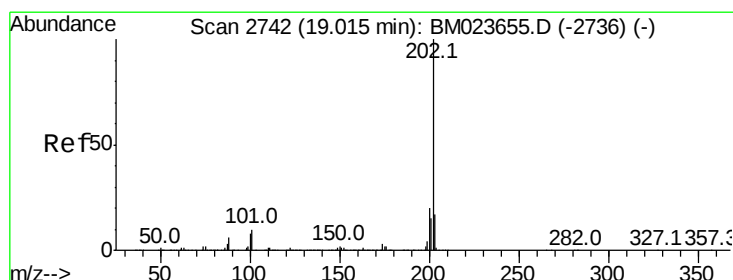
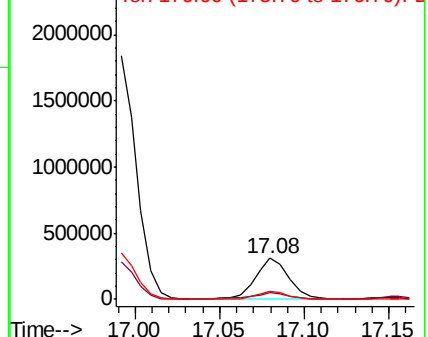
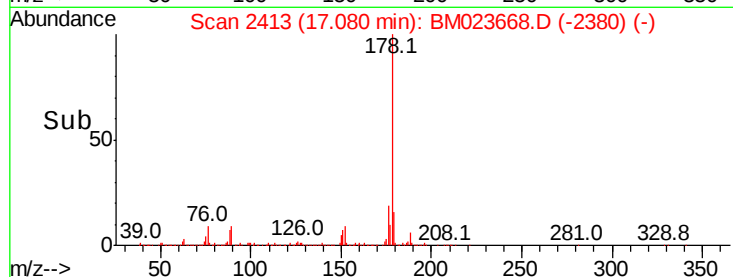


Abundance

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



#77

Fluoranthene

Concen: 12.873 ng/ul

RT: 19.02 min Scan# 2742

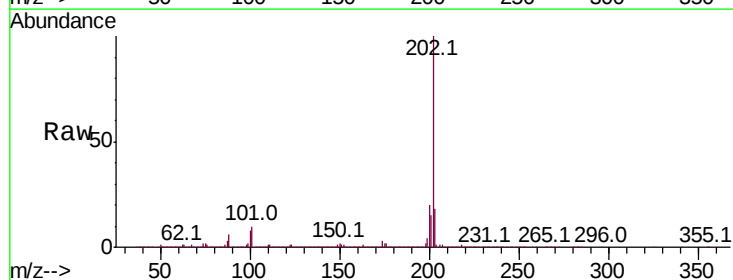
Delta R.T. -0.00 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

Tgt Ion:202 Resp: 2541828

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.7	11.5
100	7.8	6.0	9.0

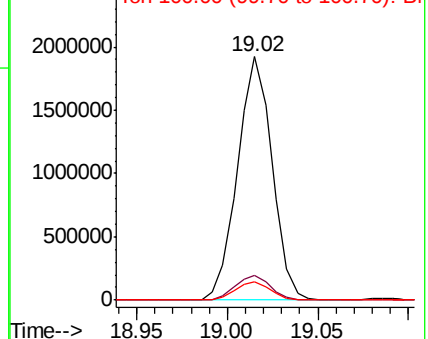
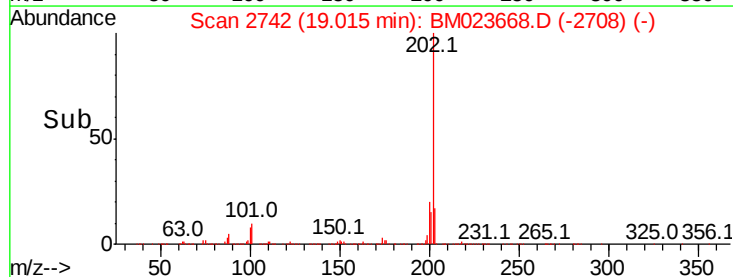


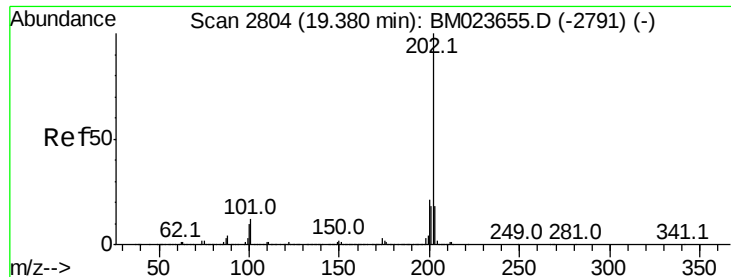
Abundance

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): E

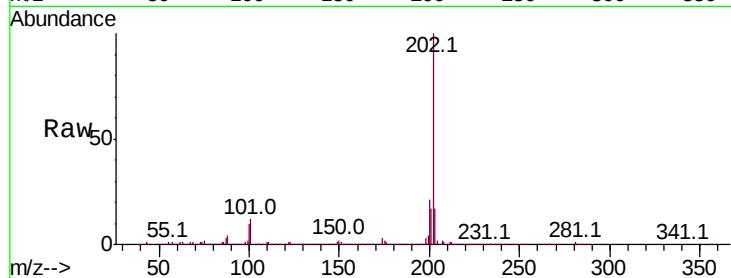




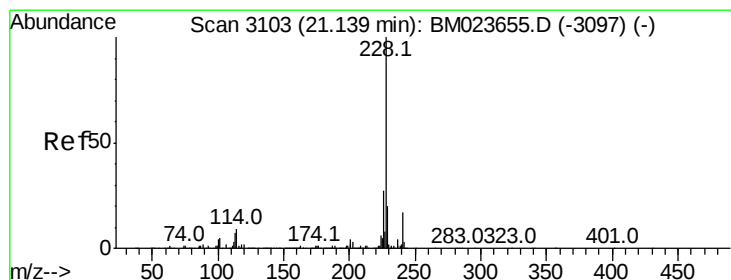
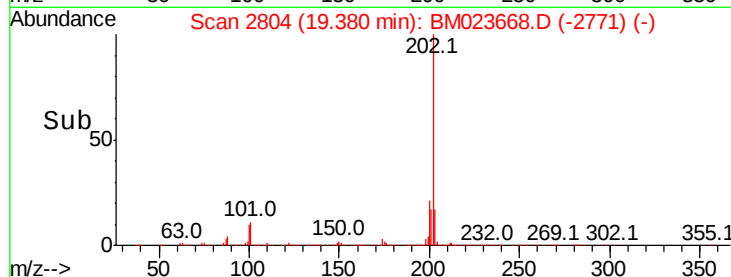
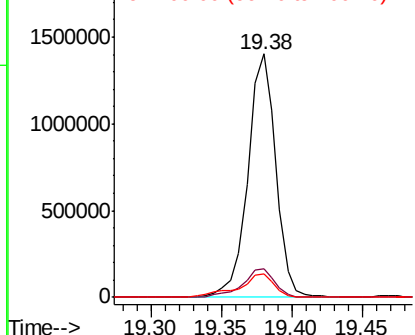
#80
Pvrene
Concen: 12.156 ng/ul
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1943133
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.6
100 9.6 8.1 12.1

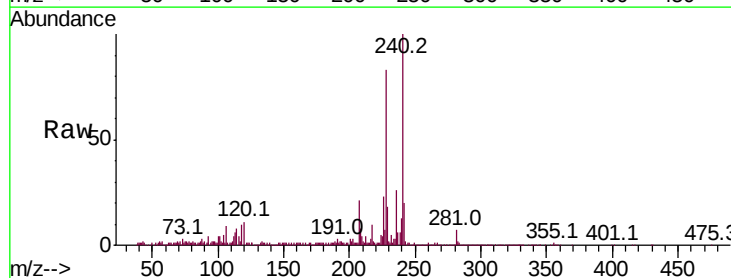


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

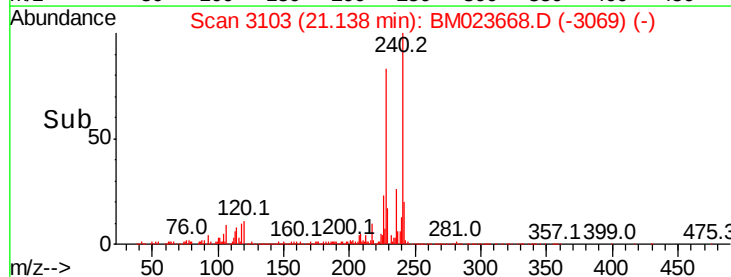
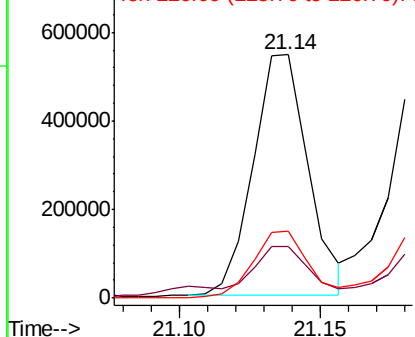


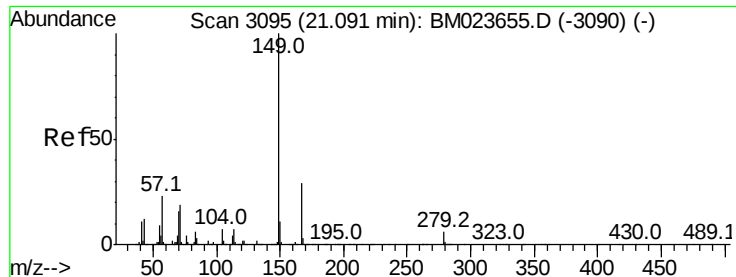
#83
Benzo(a)anthracene
Concen: 4.528 ng/ul
RT: 21.14 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM023668.D
Acq: 12 Nov 2019 17:14

Tgt Ion:228 Resp: 738612
Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 27.6 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: 2.533 ng/ul

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

Instrument :

BNA_M

ClientSampled :

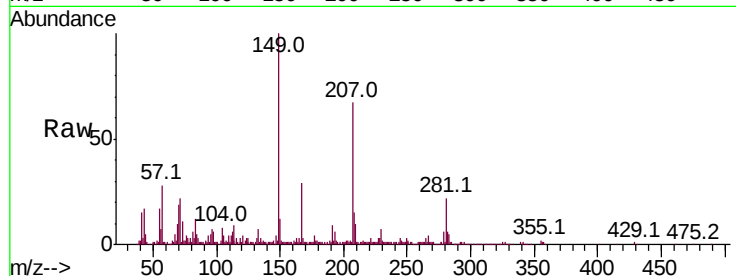
Tot Ion:149 Resp: 193610

Ion Ratio Lower Upper

149 100

167 29.1 23.4 35.2

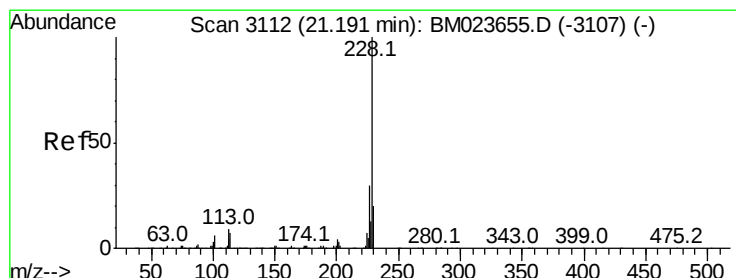
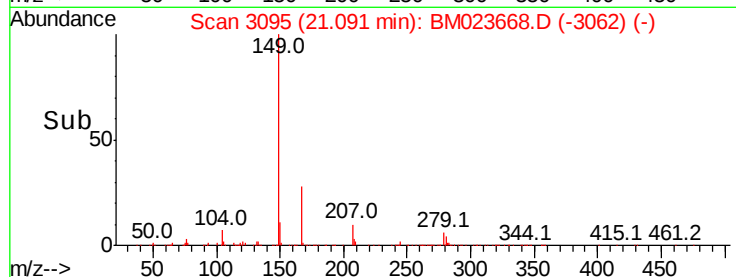
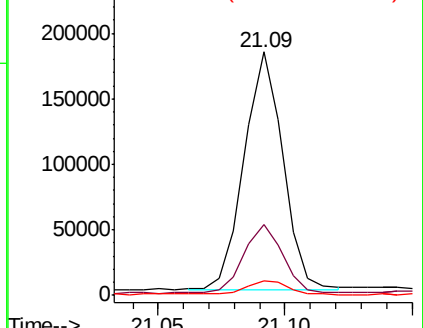
279 6.1 5.0 7.4



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: 5.341 ng/ul

RT: 21.19 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

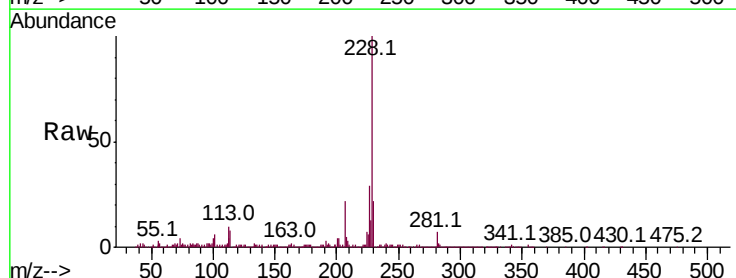
Tgt Ion:228 Resp: 820292

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

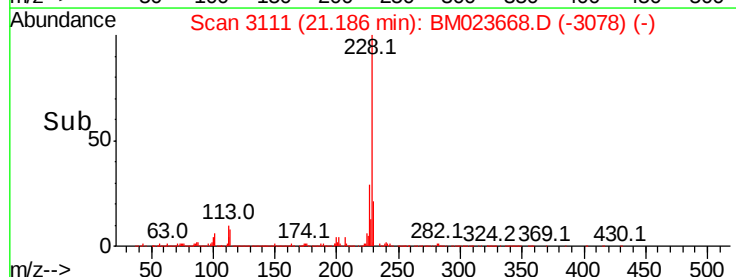
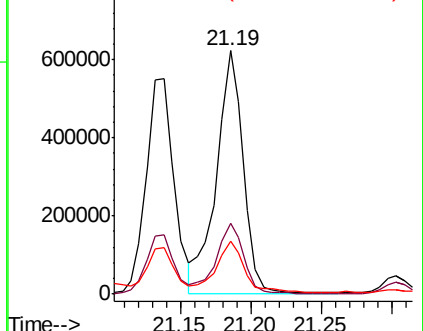
229 21.8 15.8 23.6

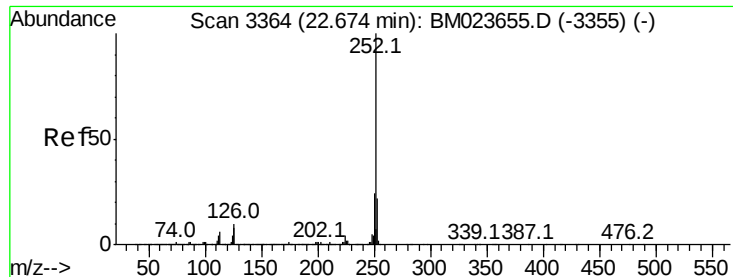


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.314 ng/ul

RT: 22.67 min Scan# 3364

Delta R.T. -0.00 min

Lab File: BM023668.D

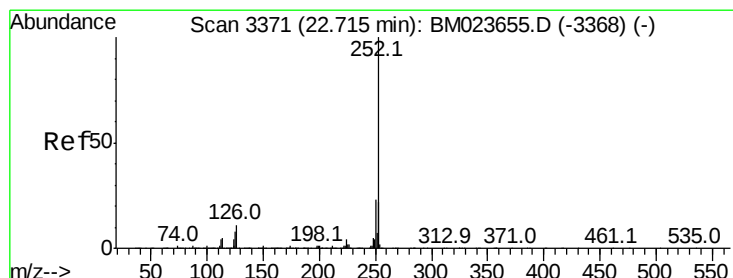
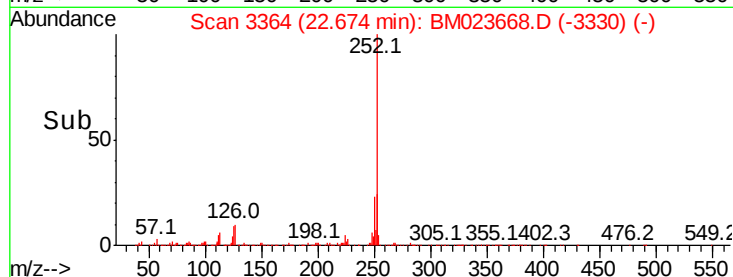
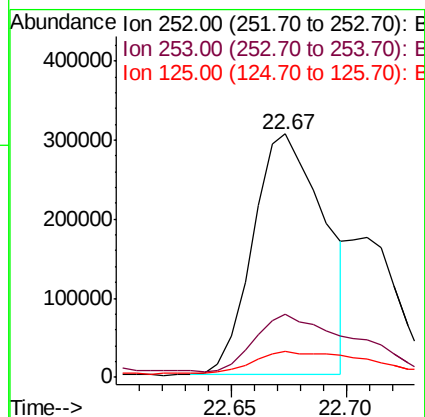
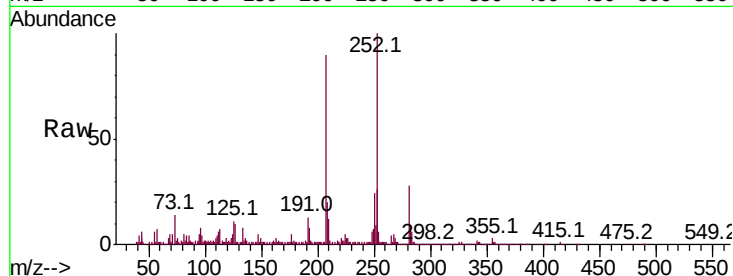
Acq: 12 Nov 2019 17:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	655361
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	10.7	6.5	9.7#



#89

Benzo(k)fluoranthene

Concen: 4.477 ng/ul

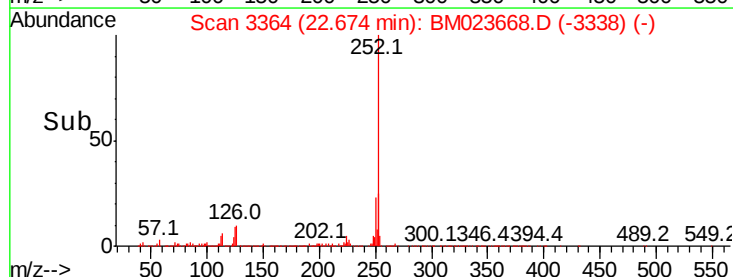
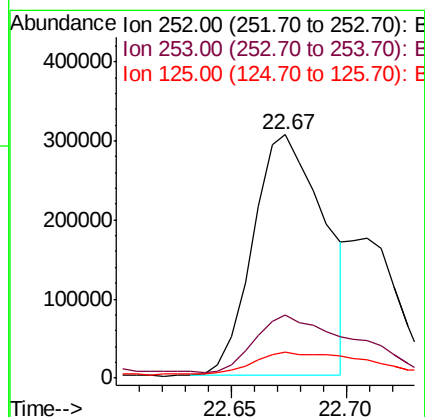
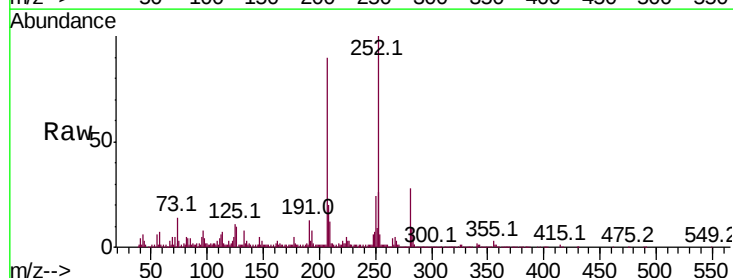
RT: 22.67 min Scan# 3364

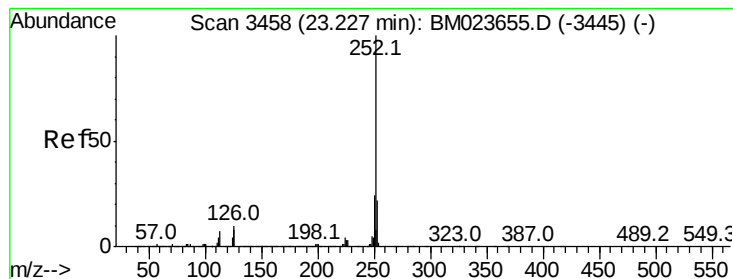
Delta R.T. -0.05 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

Tgt Ion:	252	Resp:	655361
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.2	25.8
125	10.7	5.9	8.9#





#91

Benzo(a)pyrene

Concen: 3.706 ng/ul

RT: 23.22 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

Instrument :

BNA_M

ClientSampleId :

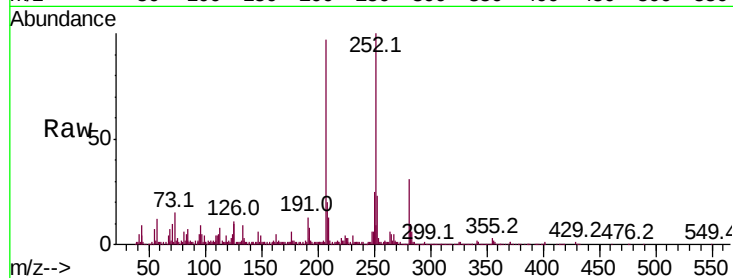
Tot Ion:252 Resp: 515404

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 9.8 6.9 10.3

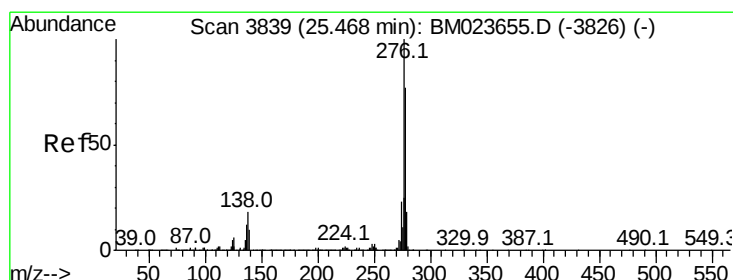
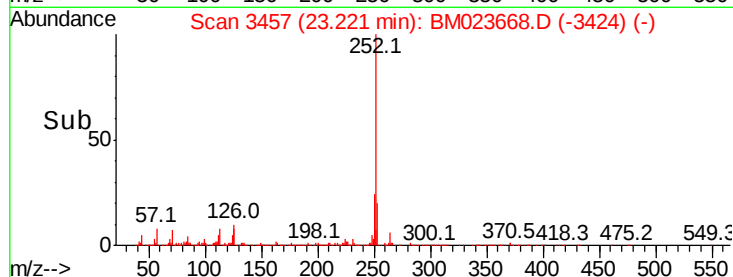
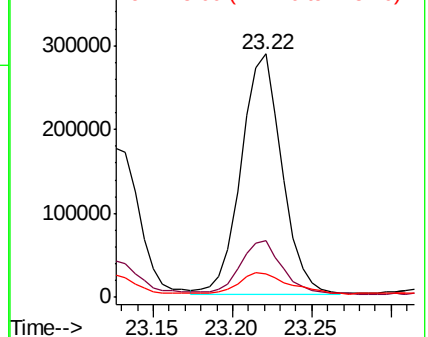


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.977 ng/ul

RT: 25.46 min Scan# 3837

Delta R.T. -0.02 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

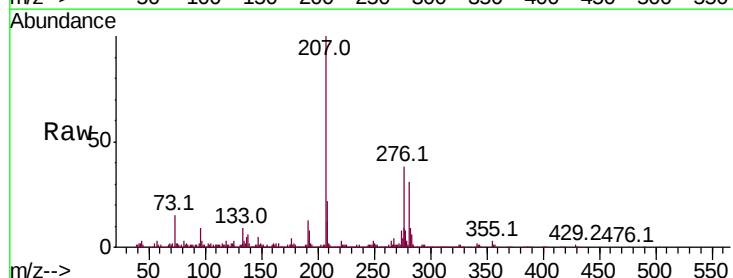
Tgt Ion:276 Resp: 294076

Ion Ratio Lower Upper

276 100

138 15.9 15.0 22.4

277 24.3 20.0 30.0

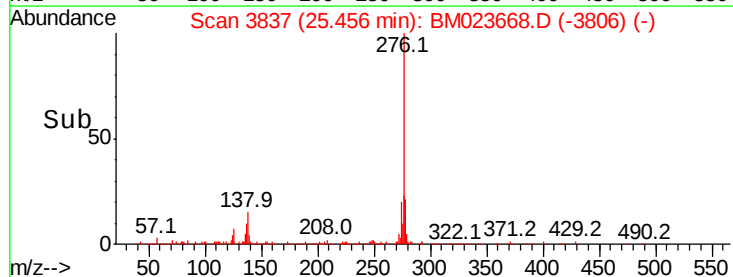
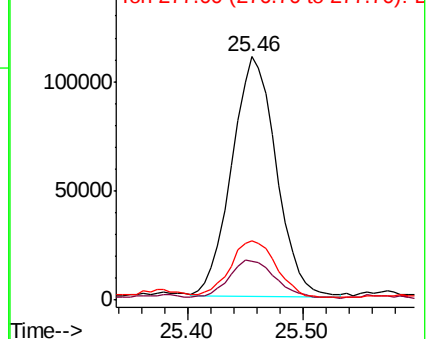


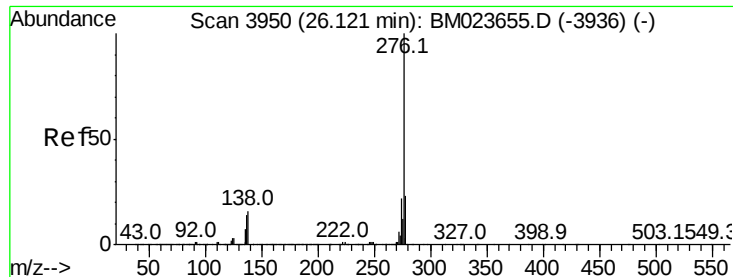
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.296 ng/ul

RT: 26.11 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BM023668.D

Acq: 12 Nov 2019 17:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 276663

Ion Ratio Lower Upper

276 100

138 16.2 13.2 19.8

277 24.4 18.6 28.0

