

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027182.D
 Acq On : 21 Aug 2020 22:41
 Operator : JU/CG
 Sample : L3729-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-(3-4)

Quant Time: Aug 22 05:33:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	121494	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	457506	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	295197	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	636893	20.00	ng	0.00
76) Chrysene-d12	21.19	240	665037	20.00	ng	0.00
86) Perylene-d12	23.38	264	729592	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	533452	85.60	ng	0.00
7) Phenol-d6	6.80	99	733388	85.71	ng	0.00
23) Nitrobenzene-d5	8.76	82	551818	49.76	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	341560	71.45	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1139107	50.69	ng	0.00
79) Terphenyl-d14	19.64	244	1753414	49.25	ng	0.00

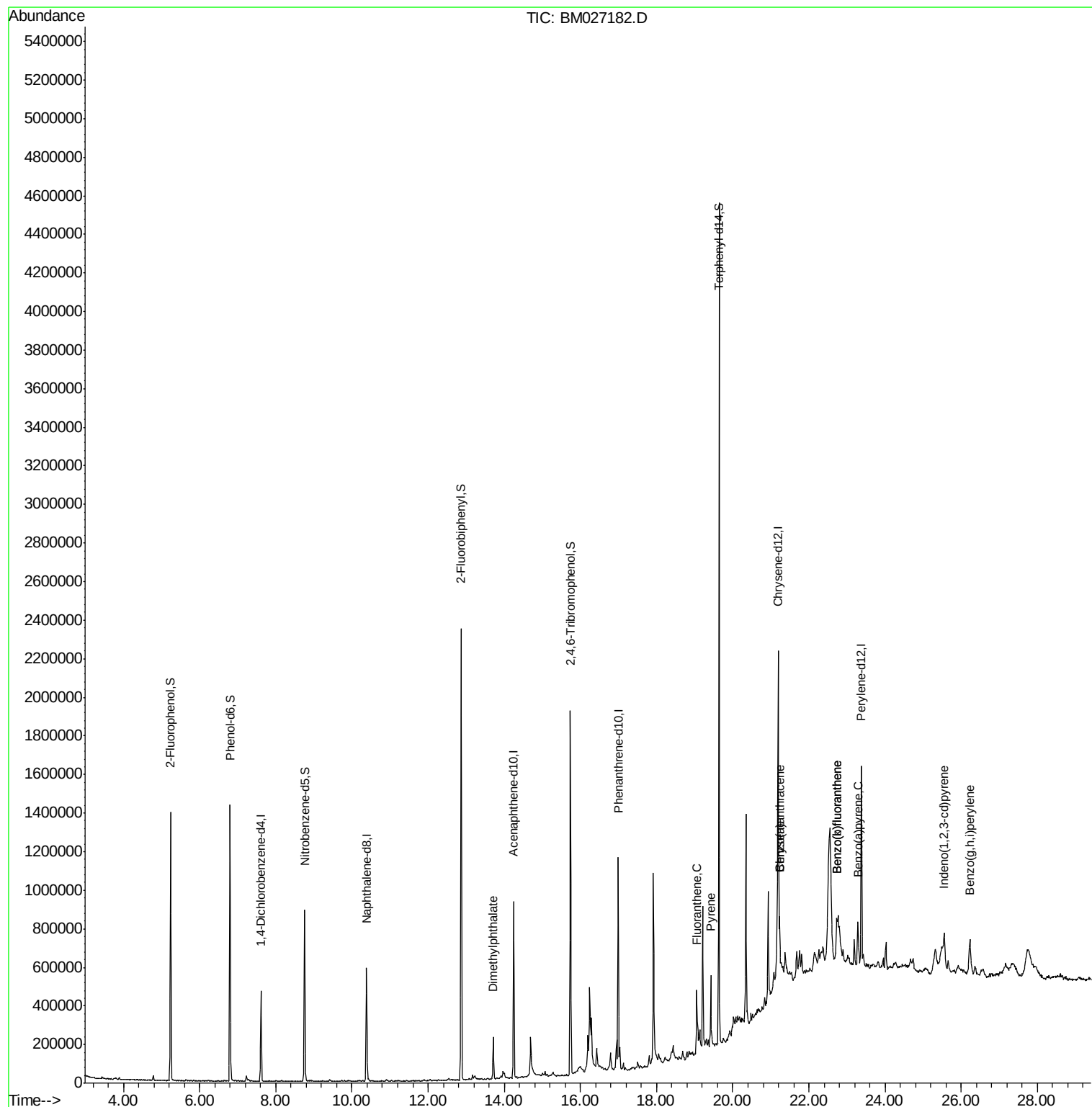
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	13.71	163	133156	5.556	ng	99
75) Fluoranthene	19.06	202	168477	3.809	ng	97
78) Pyrene	19.42	202	223750	5.529	ng	99
81) Benzo(a)anthracene	21.23	228	93067	2.160	ng	97
83) Chrysene	21.23	228	93067	2.224	ng	99
87) Indeno(1,2,3-cd)pyrene	25.56	276	139034	2.435	ng	98
88) Benzo(b)fluoranthene	22.73	252	206540	4.245	ng	# 94
89) Benzo(k)fluoranthene	22.73	252	206540	4.336	ng	# 94
90) Benzo(a)pyrene	23.29	252	134006	3.017	ng	# 98
92) Benzo(g,h,i)perylene	26.23	276	181282	3.959	ng	98

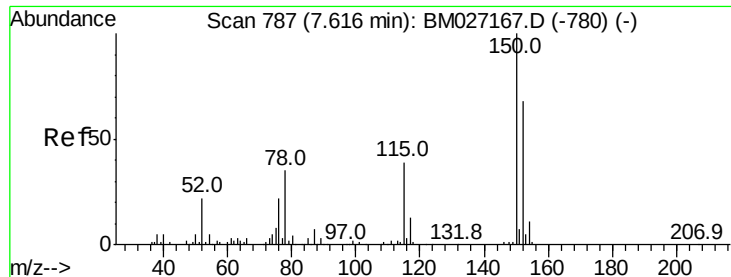
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027182.D
Acq On : 21 Aug 2020 22:41
Operator : JU/CG
Sample : L3729-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

Quant Time: Aug 22 05:33:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 15:18:25 2020
Response via : Initial Calibration



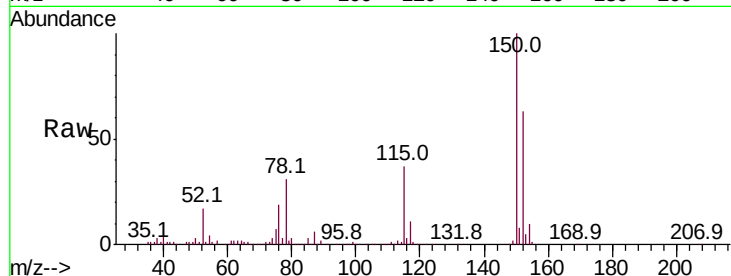


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	118.2	177.4
115	58.2	46.1	69.1

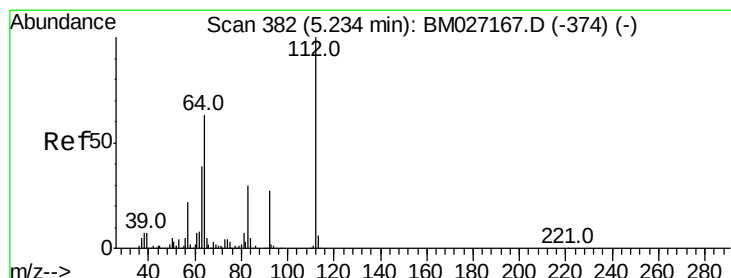
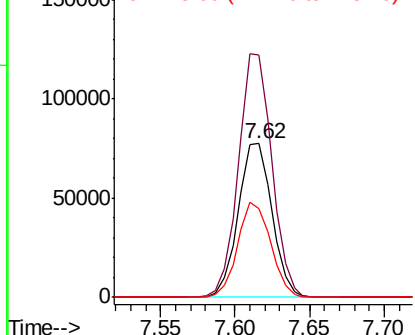
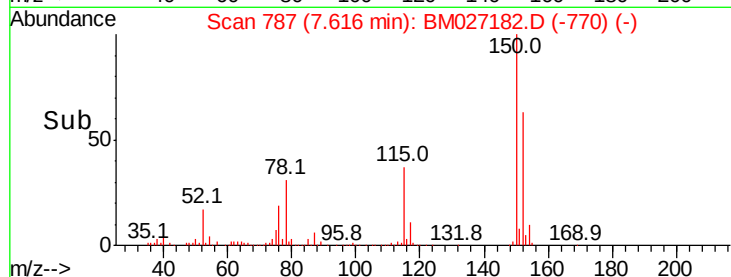


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

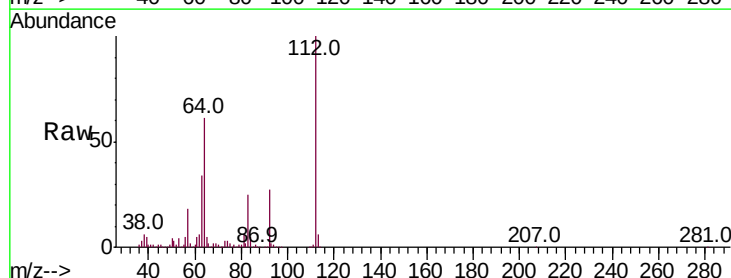
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.596 ng
RT: 5.24 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	50.0	75.0
63	34.0	31.6	47.4

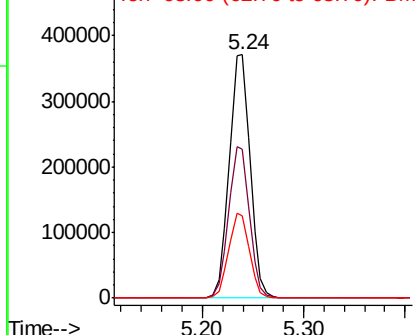
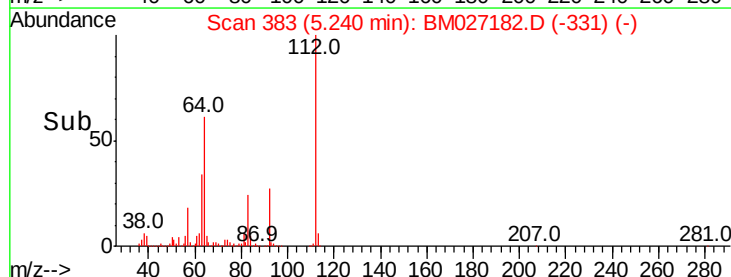


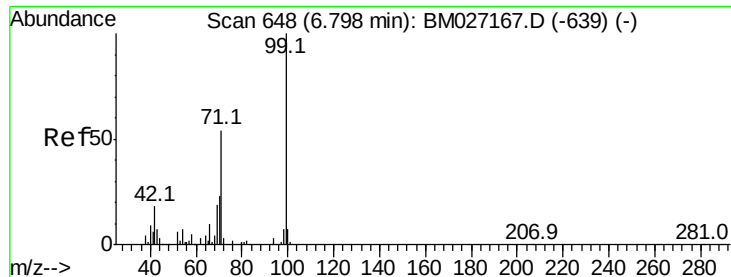
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: 85.708 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

ClientSampleId :

COMP-4-(3-4)

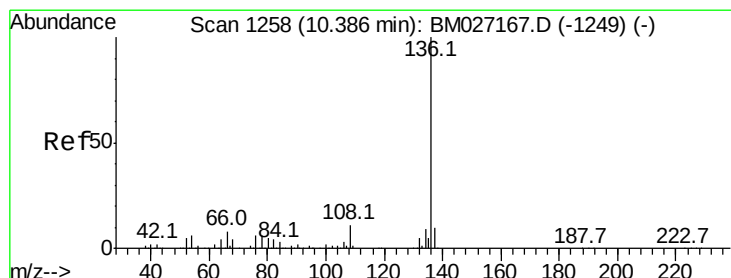
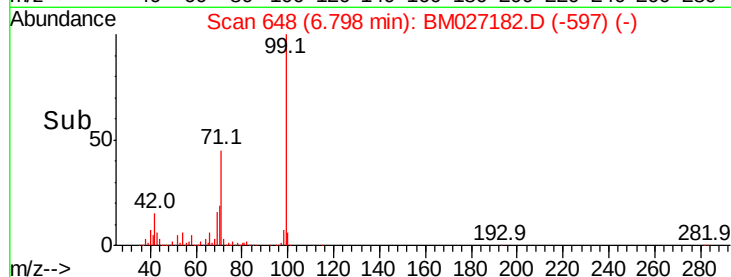
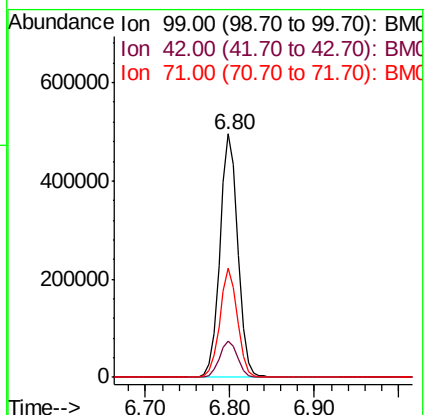
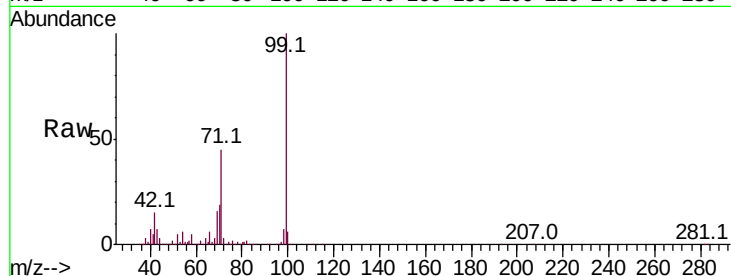
Tot Ion: 99 Resp: 733388

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 44.8 43.0 64.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Tgt Ion: 136 Resp: 457506

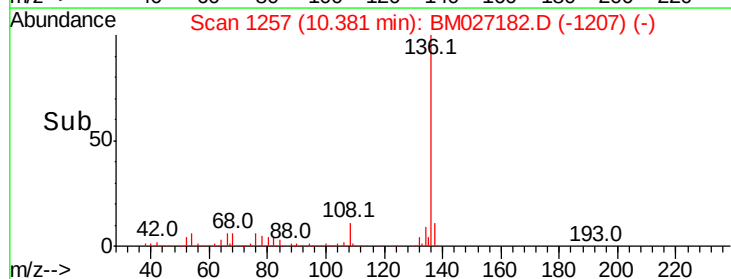
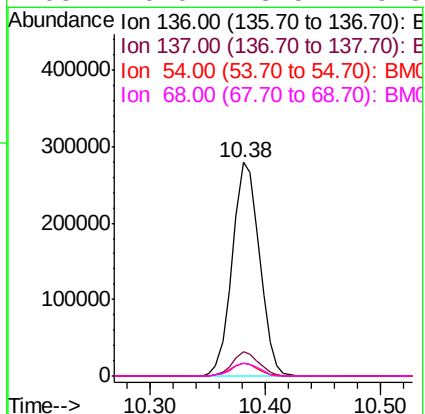
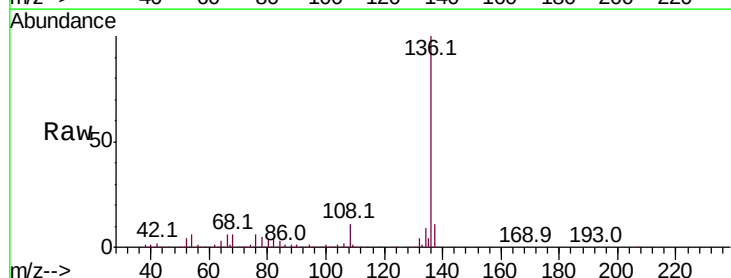
Ion Ratio Lower Upper

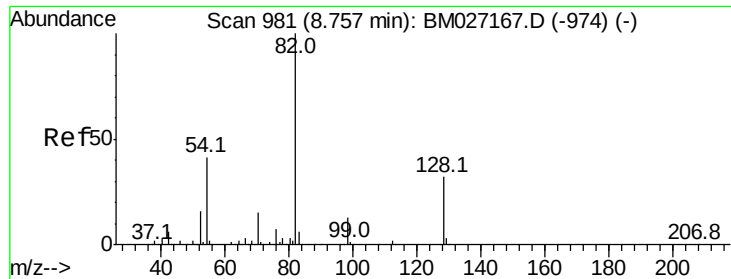
136 100

137 11.3 8.2 12.4

54 5.8 4.8 7.2

68 6.0 3.5 5.3#

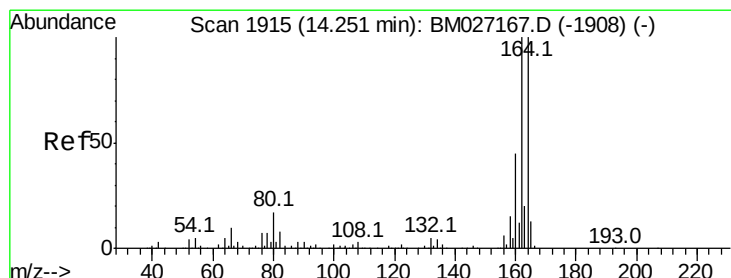
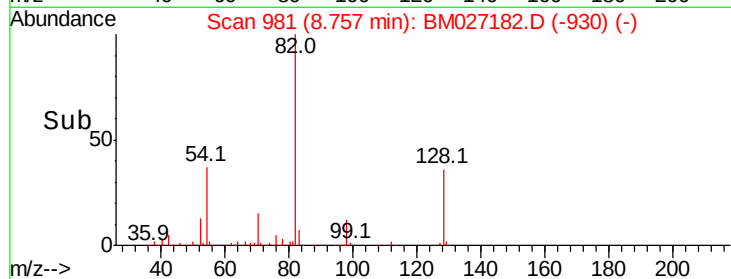
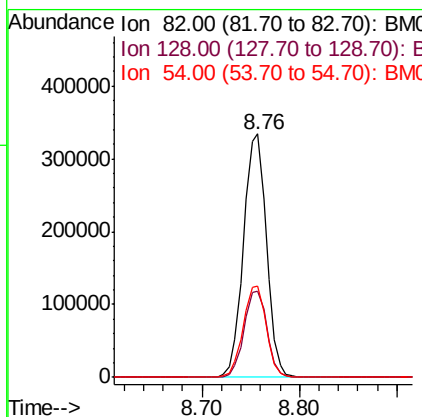
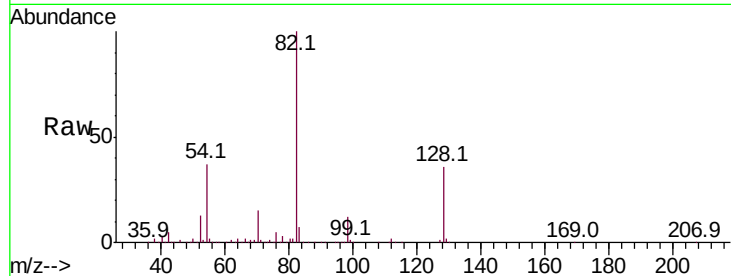




#23
 Nitrobenzene-d5
 Concen: 49.762 ng
 RT: 8.76 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM027182.D
 Acq: 21 Aug 2020 22:41

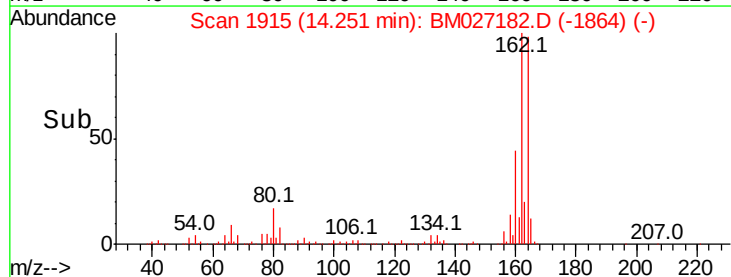
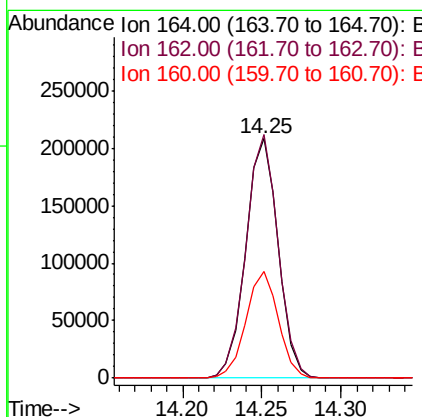
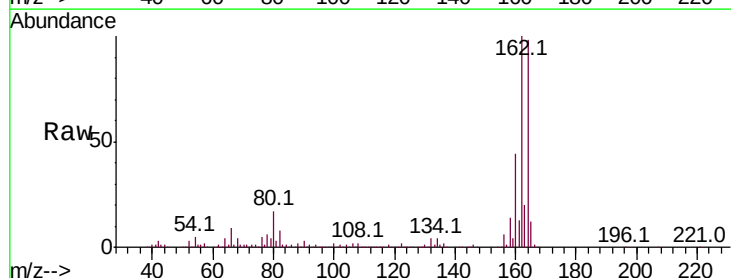
Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-(3-4)

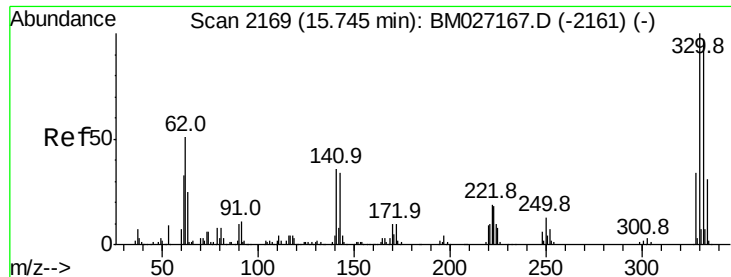
Tot Ion	82	Resp	551818
Ion Ratio	Lower	Upper	
82	100		
128	35.6	25.7	38.5
54	37.4	33.0	49.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BM027182.D
 Acq: 21 Aug 2020 22:41

Tgt Ion	164	Resp	295197
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.2	120.4
160	44.8	36.3	54.5

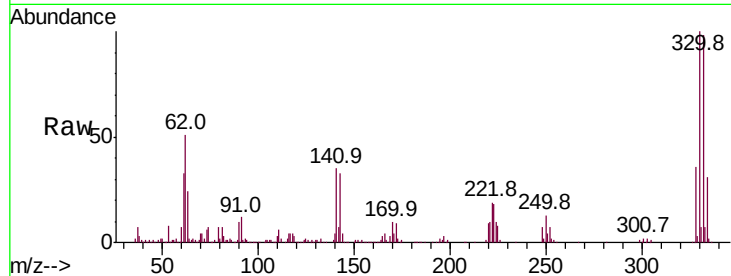




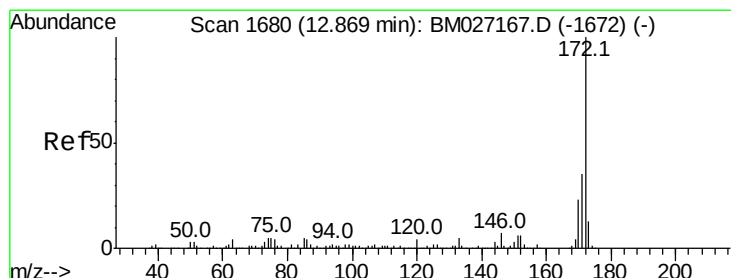
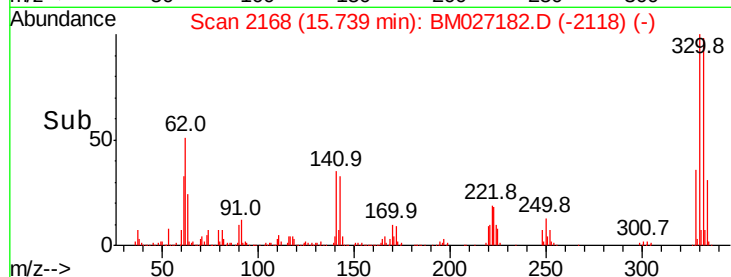
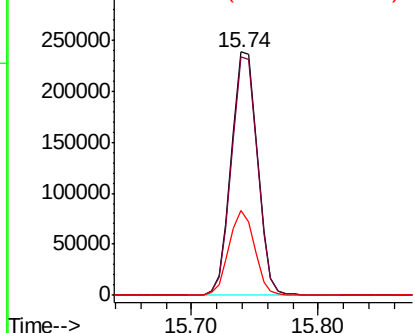
#42
 2,4,6-Tribromophenol
 Concen: 71.453 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM027182.D
 Acq: 21 Aug 2020 22:41

Instrument :
 BNA_M
 ClientSampleId :
 COMP-4-(3-4)

Tot Ion:330 Resp: 341560
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.2 115.8
 141 34.3 31.0 46.6

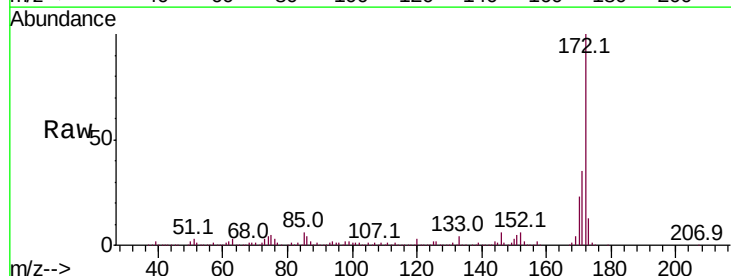


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

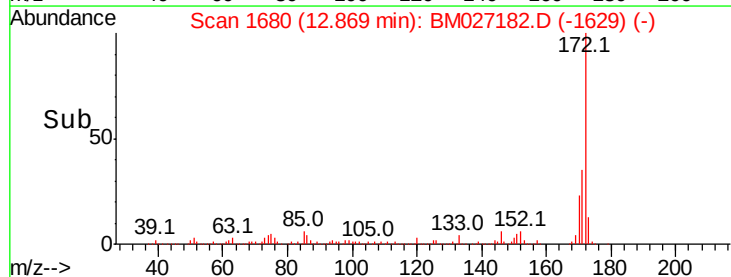
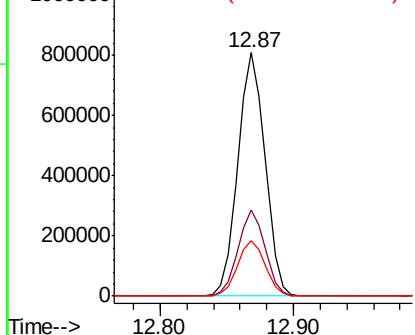


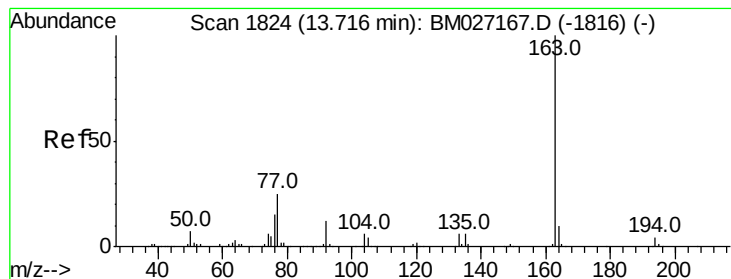
#45
 2-Fluorobiphenyl
 Concen: 50.690 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BM027182.D
 Acq: 21 Aug 2020 22:41

Tgt Ion:172 Resp: 1139107
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.1 42.1
 170 22.9 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.556 ng

RT: 13.71 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

ClientSampleId :

COMP-4-(3-4)

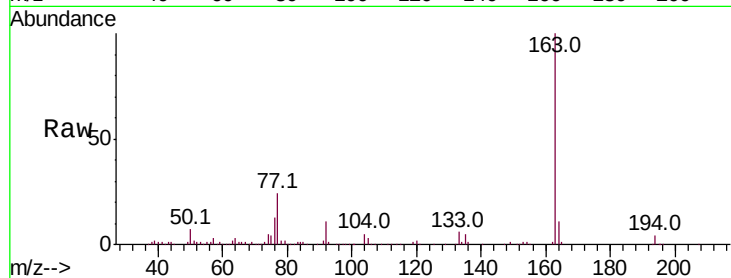
Tot Ion:163 Resp: 133156

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

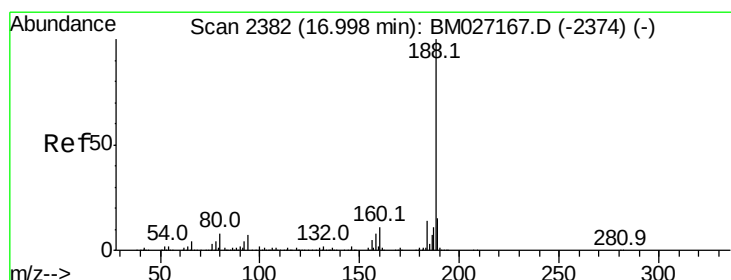
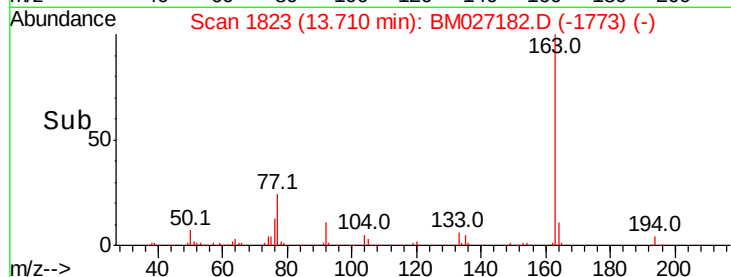
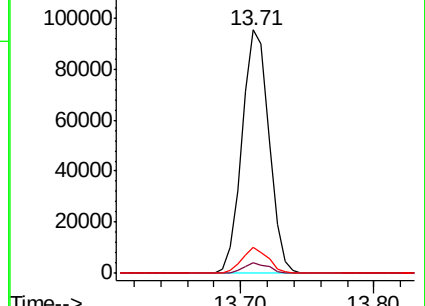
164 10.5 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

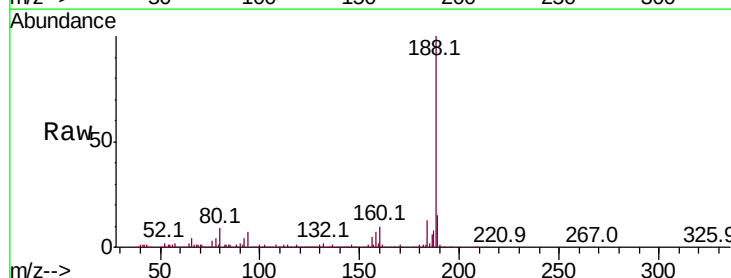
Tgt Ion:188 Resp: 636893

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

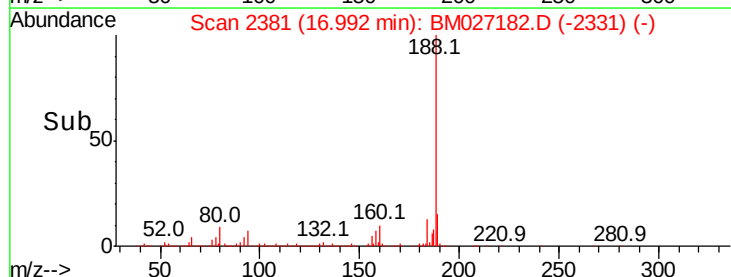
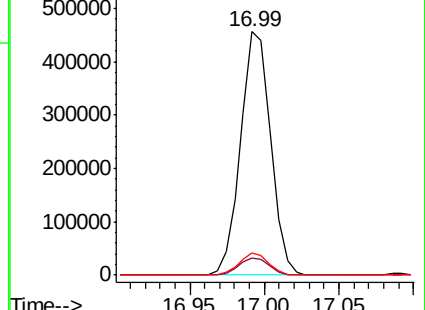
80 9.0 6.2 9.4

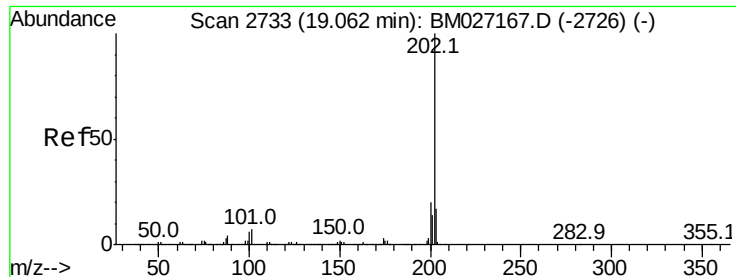


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#75

Fluoranthene

Concen: 3.809 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

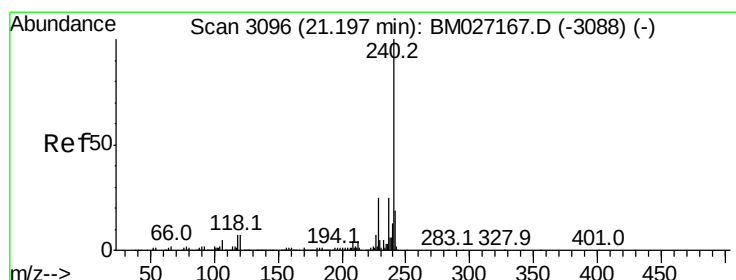
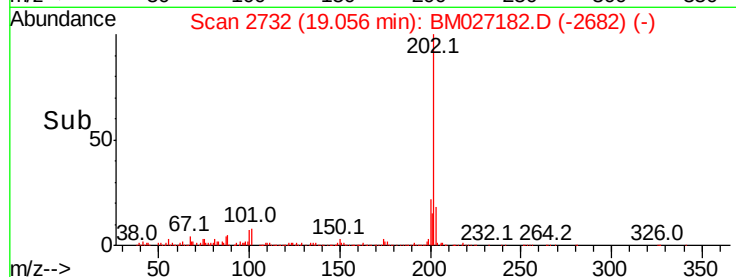
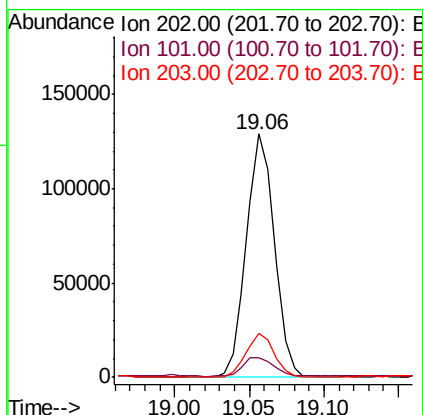
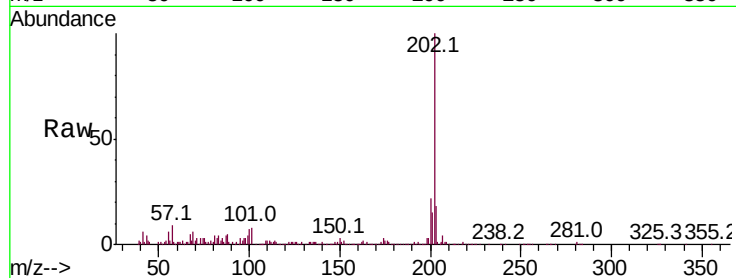
Instrument :

BNA_M

ClientSampleId :

COMP-4-(3-4)

Tot Ion:	202	Resp:	168477
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.2
203	18.3	0.0	37.1



#76

Chrysene-d12

Concen: 20.000 ng

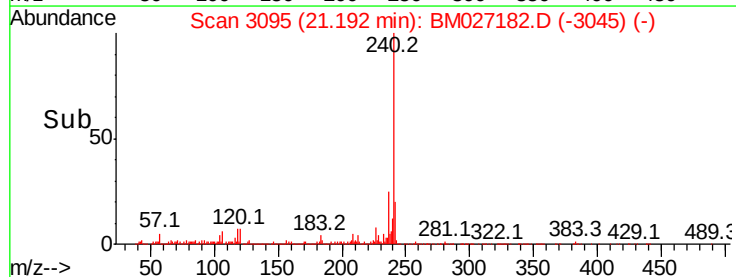
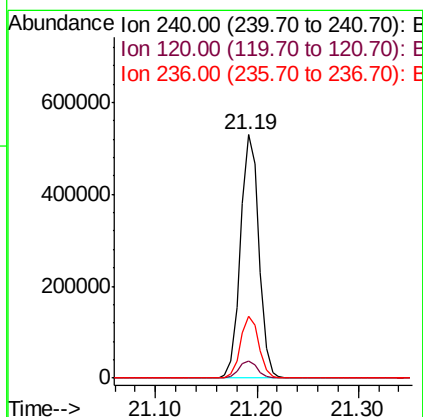
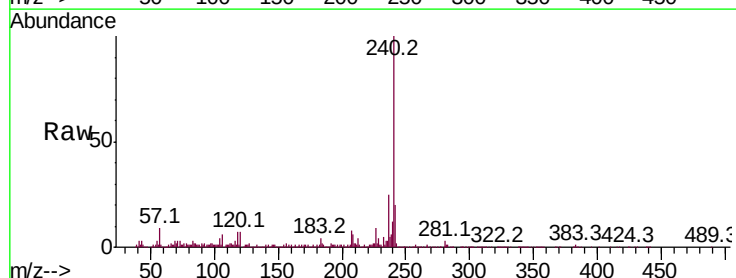
RT: 21.19 min Scan# 3095

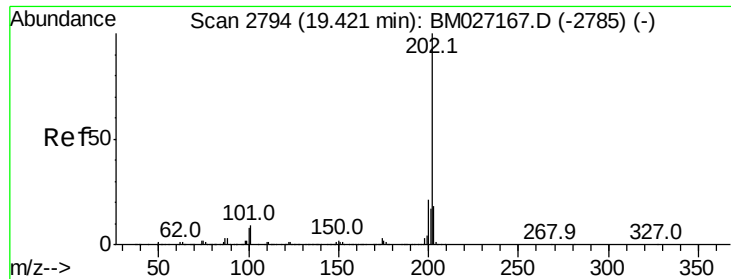
Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Tgt Ion:	240	Resp:	665037
Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.6	8.4
236	25.3	19.8	29.6

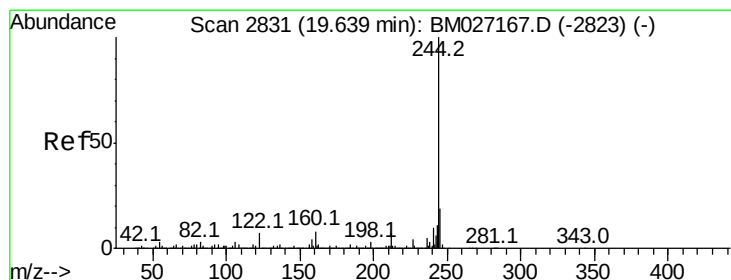
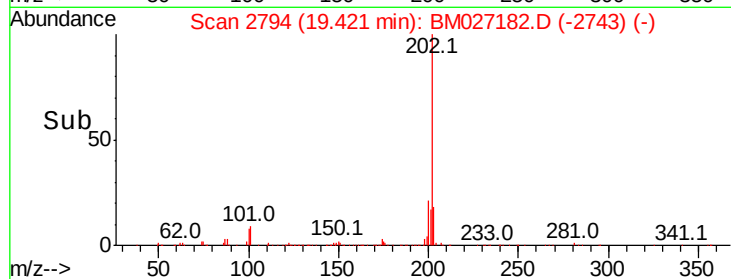
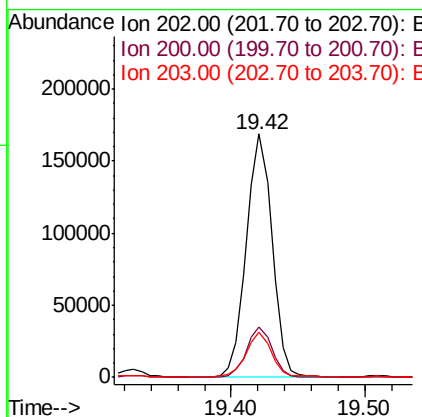
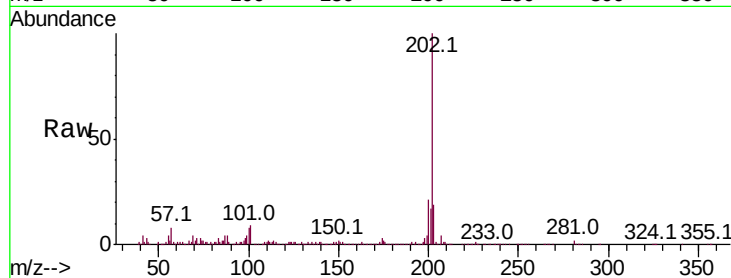




#78
Pvrene
Concen: 5.529 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

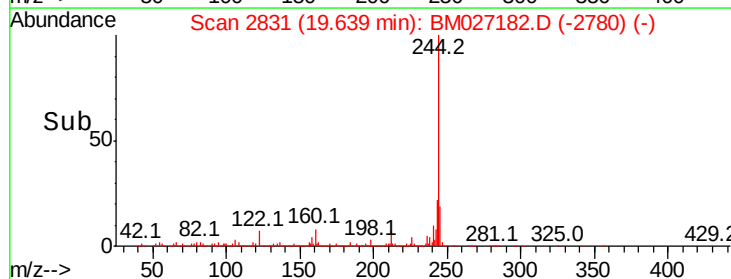
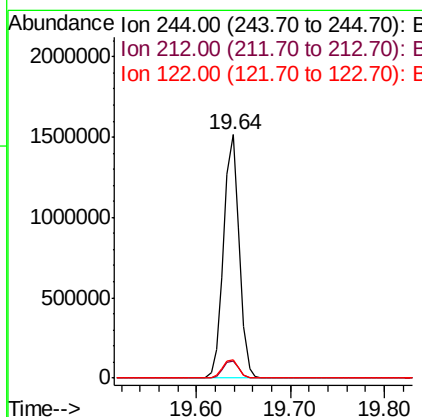
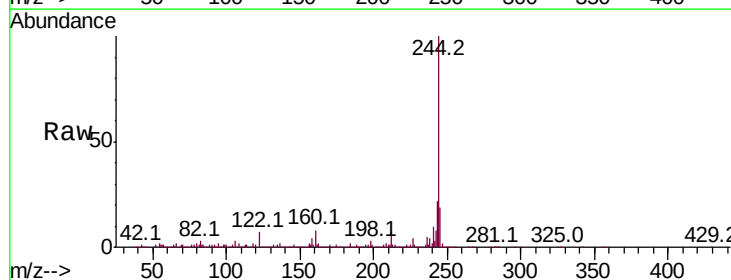
Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

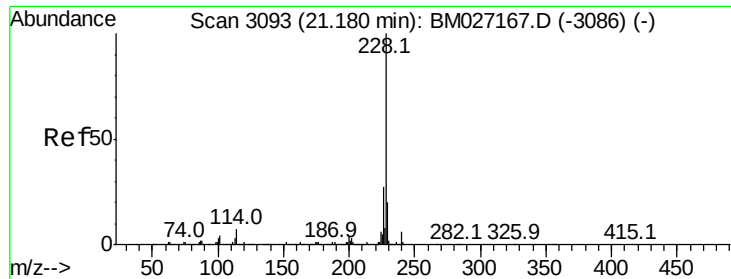
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.7	14.0	21.0



#79
Terphenyl-d14
Concen: 49.253 ng
RT: 19.64 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	7.4	5.8	8.8





#81

Benzo(a)anthracene

Concen: 2.160 ng

RT: 21.23 min Scan# 3101

Delta R.T. 0.05 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

ClientSampleId :

COMP-4-(3-4)

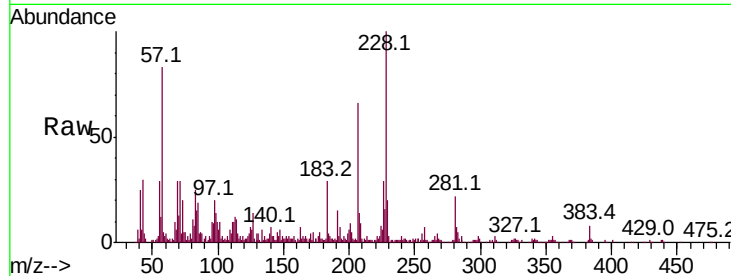
Tot Ion:228 Resp: 93067

Ion Ratio Lower Upper

228 100

226 29.0 21.4 32.2

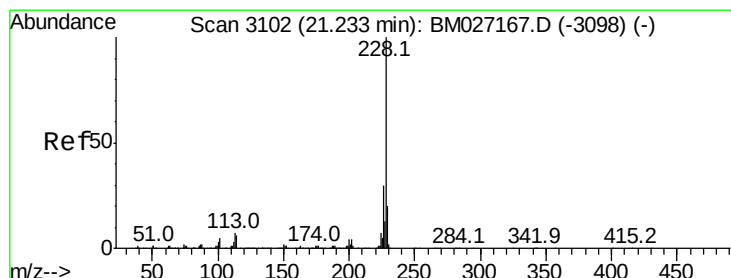
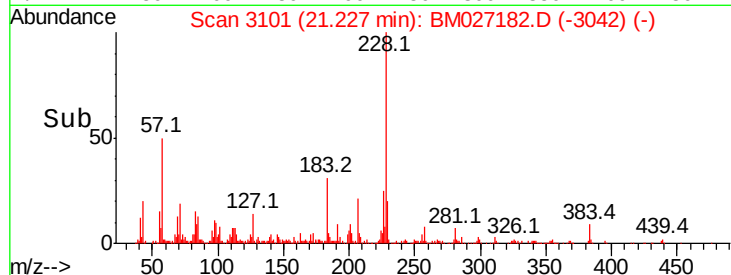
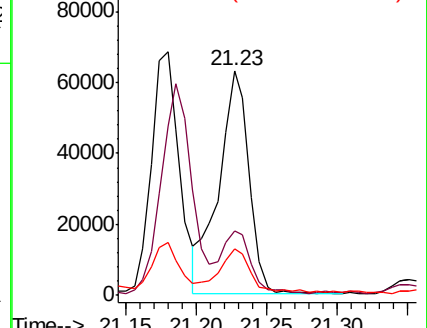
229 20.5 15.8 23.6



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



#83

Chrysene

Concen: 2.224 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

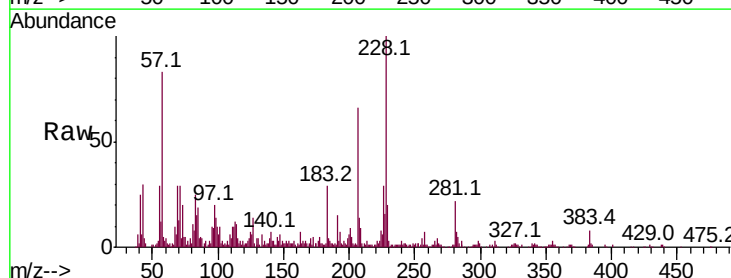
Tgt Ion:228 Resp: 93067

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

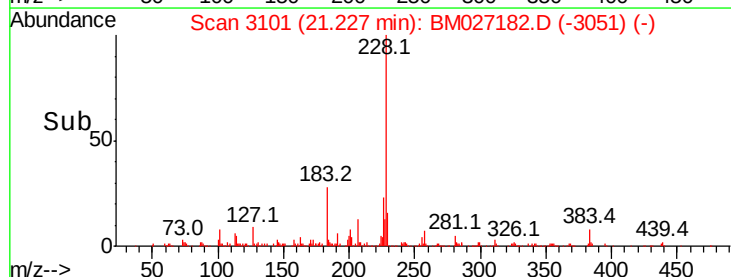
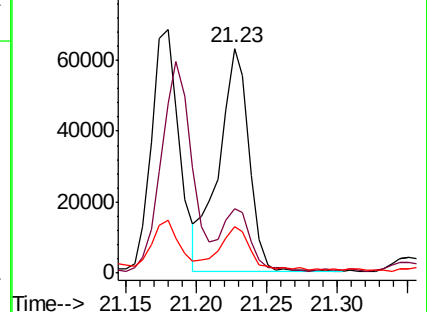
229 20.5 15.8 23.8

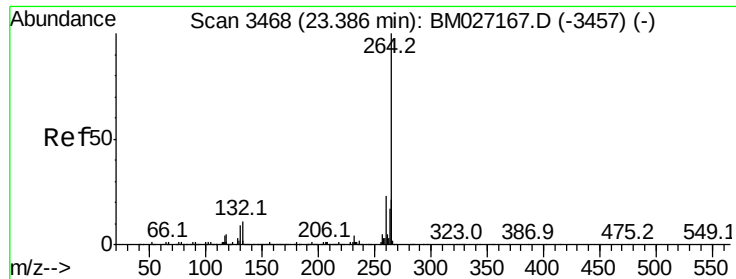


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

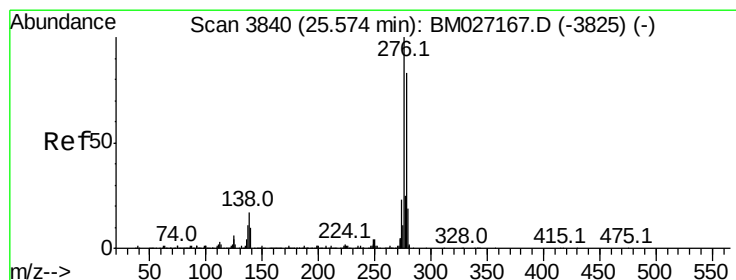
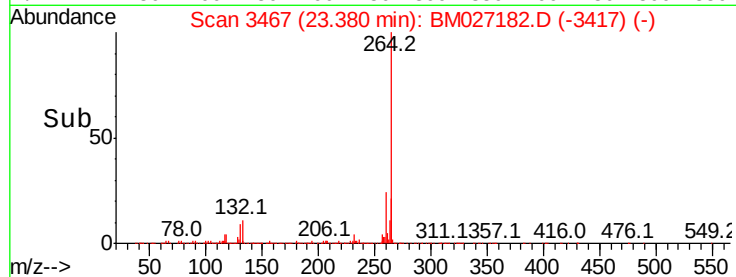
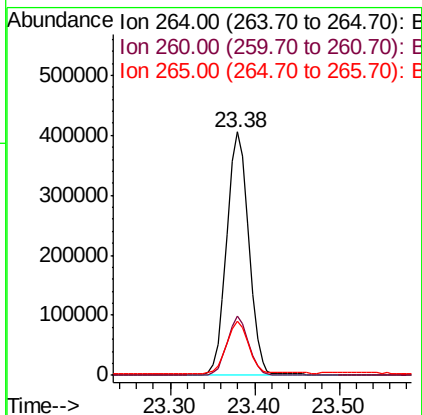
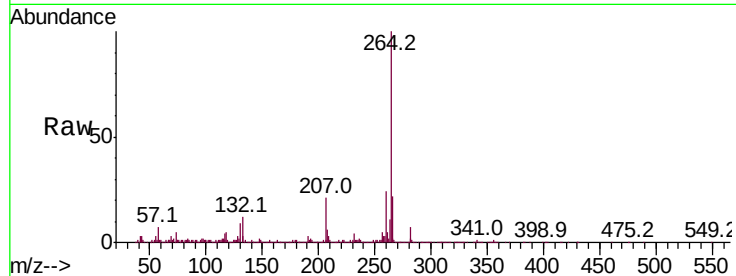




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

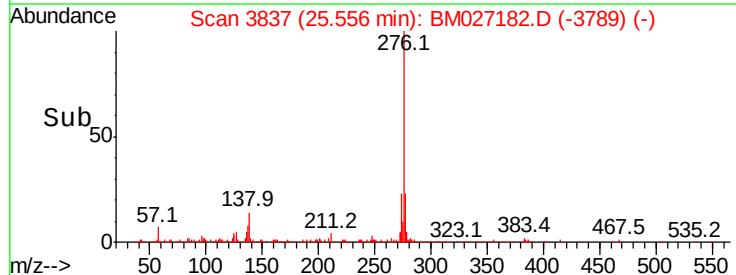
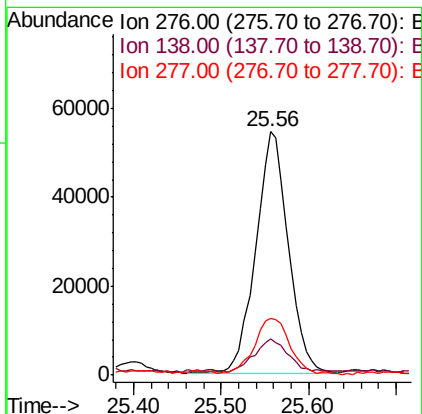
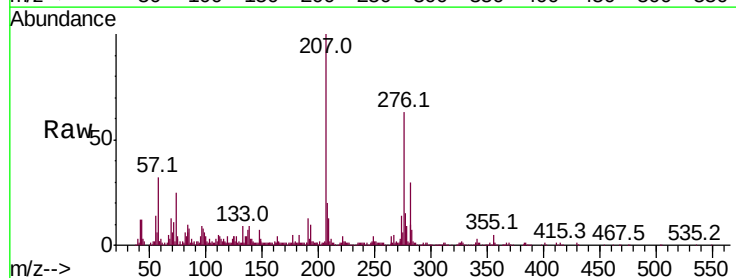
Instrument :
BNA_M
ClientSampleId :
COMP-4-(3-4)

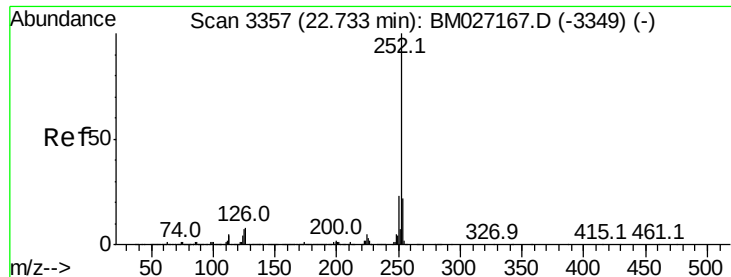
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.1	17.5	26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.435 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BM027182.D
Acq: 21 Aug 2020 22:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.3	19.9
277	25.2	20.0	30.0





#88

Benzo(b)fluoranthene

Concen: 4.245 ng

RT: 22.73 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

ClientSampleId :

COMP-4-(3-4)

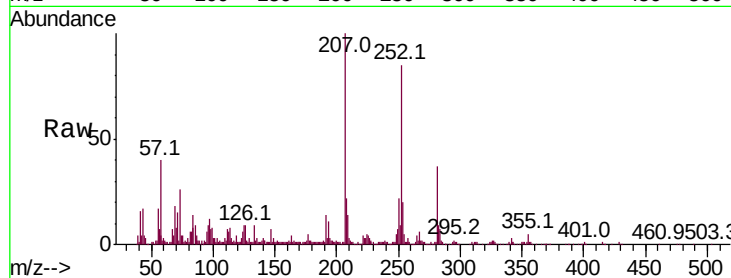
Tot Ion:252 Resp: 206540

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

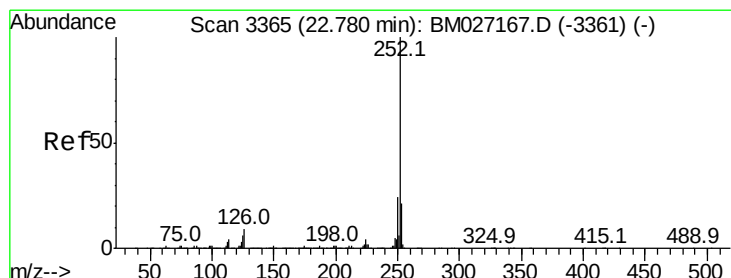
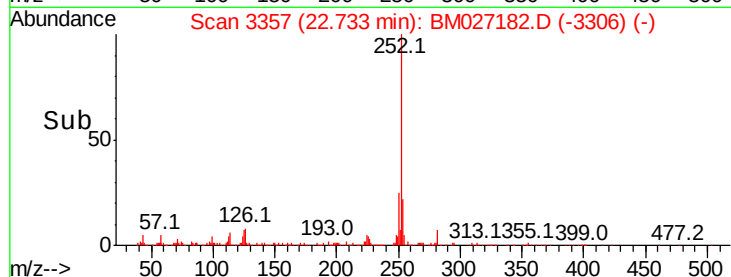
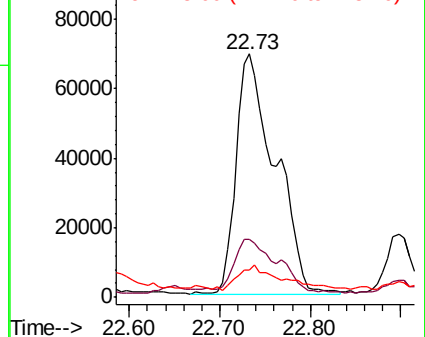
125 11.2 5.4 8.0#



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



#89

Benzo(k)fluoranthene

Concen: 4.336 ng

RT: 22.73 min Scan# 3357

Delta R.T. -0.05 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

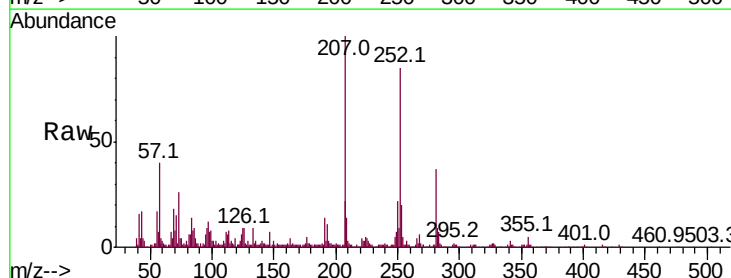
Tgt Ion:252 Resp: 206540

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

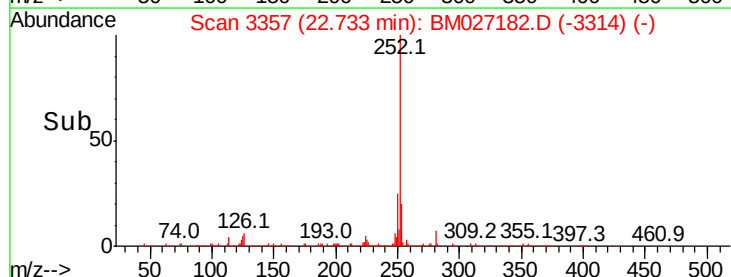
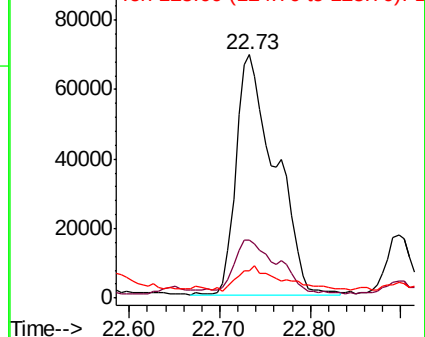
125 11.2 5.3 7.9#

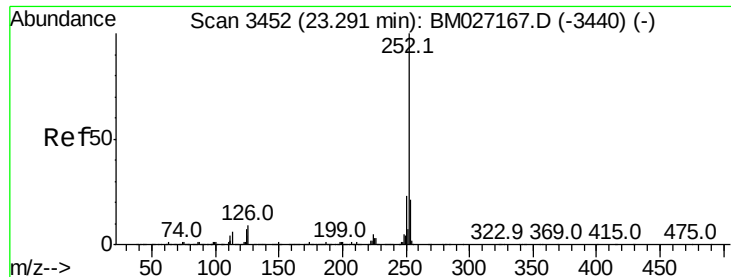


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 3.017 ng

RT: 23.29 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Instrument :

BNA_M

ClientSampleId :

COMP-4-(3-4)

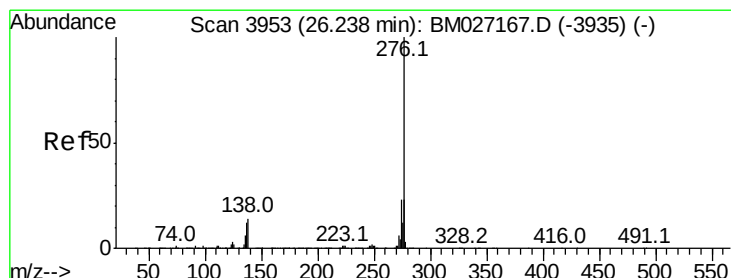
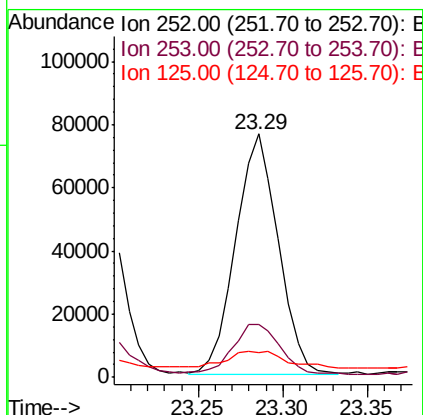
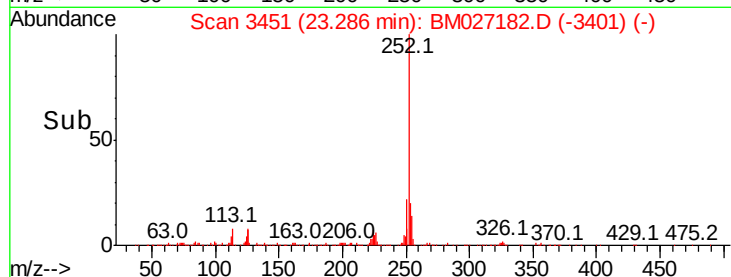
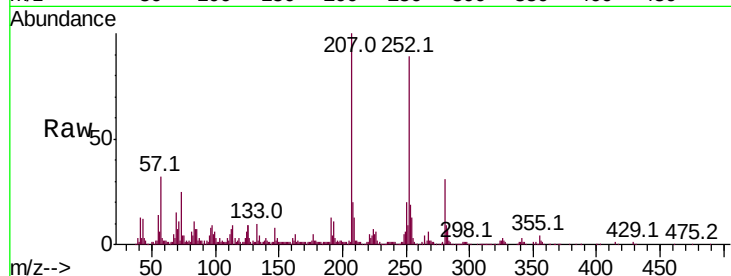
Tot Ion:252 Resp: 134006

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 10.0 5.8 8.6#



#92

Benzo(g,h,i)perylene

Concen: 3.959 ng

RT: 26.23 min Scan# 3951

Delta R.T. -0.01 min

Lab File: BM027182.D

Acq: 21 Aug 2020 22:41

Tgt Ion:276 Resp: 181282

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 16.2 11.4 17.0

