

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048365.D
 Acq On : 31 Oct 2024 19:37
 Operator : RC/JU
 Sample : PB164434BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS434

Quant Time: Nov 03 07:03:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

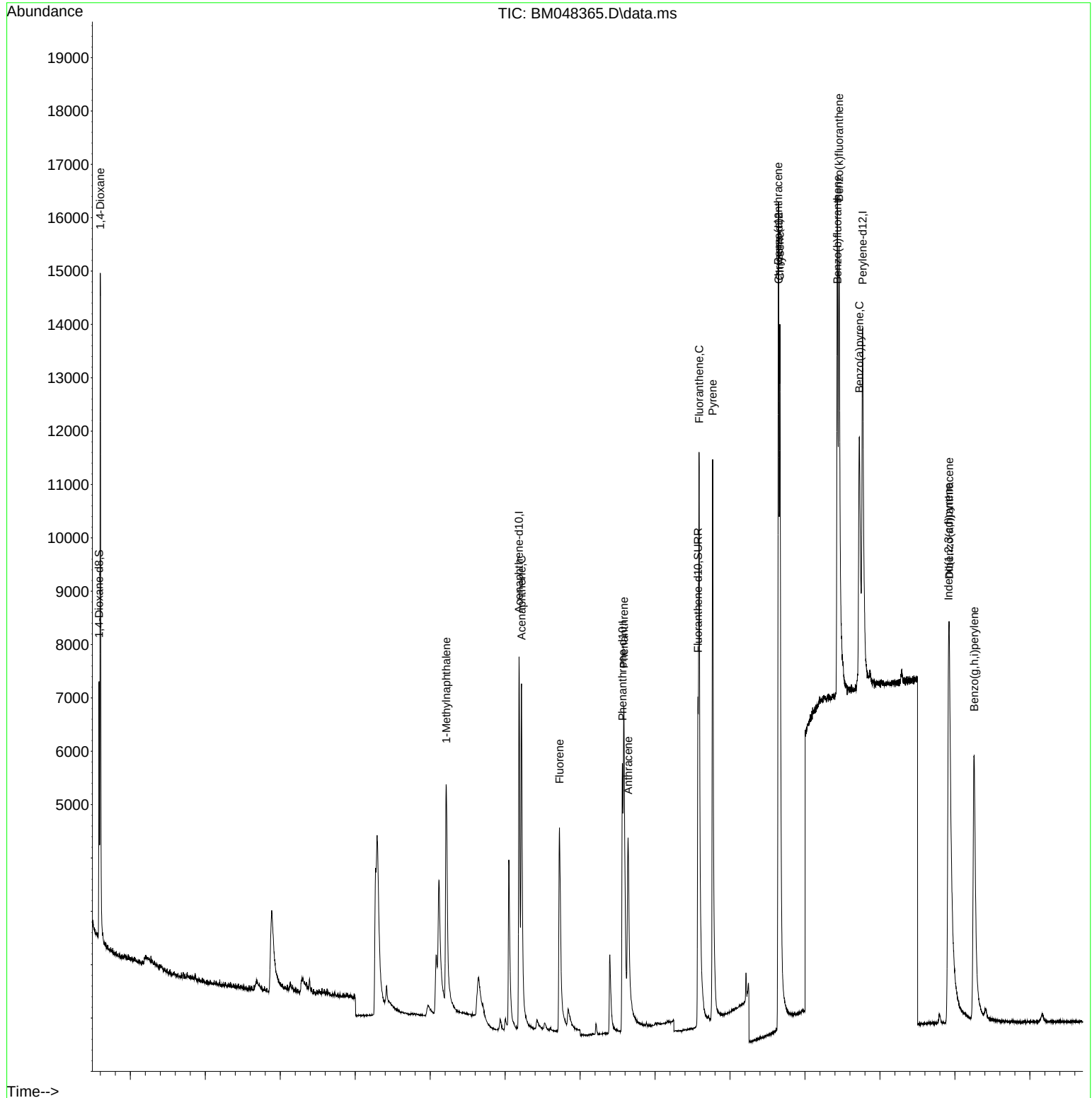
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	3125	0.400	ng/ul	0.02
4) Naphthalene-d8	10.545	136	11062	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.371	164	6627	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.132	188	13935	0.400	ng/ul	0.01
17) Chrysene-d12	21.295	240	13180	0.400	ng/ul	0.00
23) Perylene-d12	23.537	264	13622	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	2816	0.734	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	4473	0.318	ng/ul	0.02
18) Fluoranthene-d10	19.145	212	12055	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	8173	1.963	ng/ul#	84
5) Naphthalene	10.594	128	8490	0.294	ng/ul	97
7) 2-Methylnaphthalene	12.233	142	4603	0.268	ng/ul	99
8) 1-Methylnaphthalene	12.431	142	6453	0.352	ng/ul	96
10) Acenaphthylene	14.098	152	7224	0.282	ng/ul	98
11) Acenaphthene	14.436	153	6033	0.294	ng/ul	99
12) Fluorene	15.449	166	6275	0.275	ng/ul	97
14) Pentachlorophenol	16.794	266	2184	0.563	ng/ul	95
15) Phenanthrene	17.169	178	9518	0.275	ng/ul	98
16) Anthracene	17.279	178	8833	0.272	ng/ul	97
19) Fluoranthene	19.177	202	14331	0.315	ng/ul	99
20) Pyrene	19.535	202	15525	0.318	ng/ul	99
21) Benzo(a)anthracene	21.286	228	11807	0.299	ng/ul	100
22) Chrysene	21.330	228	18061	0.332	ng/ul	99
24) Benzo(b)fluoranthene	22.861	252	14187	0.305	ng/ul	97
25) Benzo(k)fluoranthene	22.908	252	18473	0.335	ng/ul	95
26) Benzo(a)pyrene	23.449	252	13660	0.312	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.830	276	18900	0.309	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.846	278	14408	0.302	ng/ul	95
29) Benzo(g,h,i)perylene	26.514	276	16266	0.316	ng/ul	100

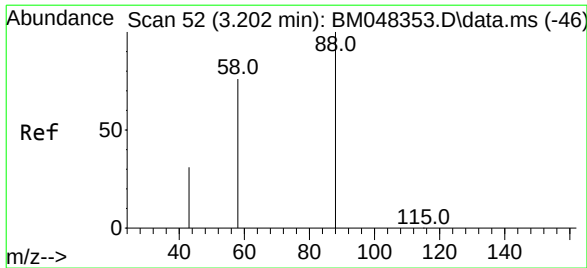
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048365.D
Acq On : 31 Oct 2024 19:37
Operator : RC/JU
Sample : PB164434BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS434

Quant Time: Nov 03 07:03:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

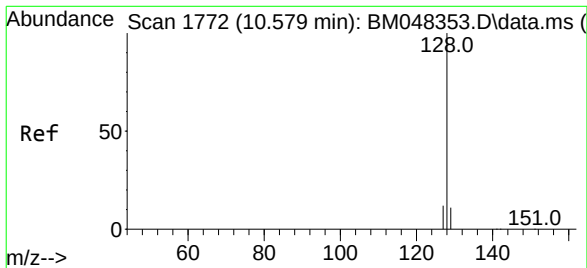
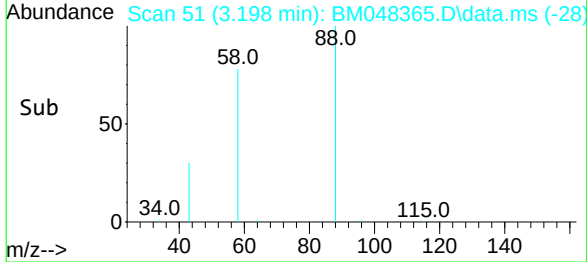
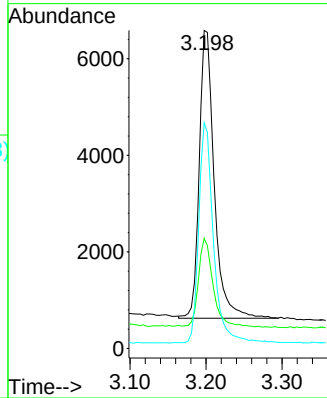
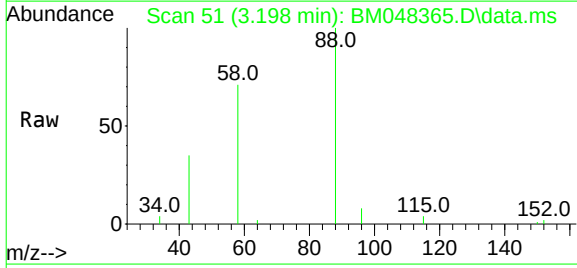




#2
1,4-Dioxane
Concen: 1.963 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

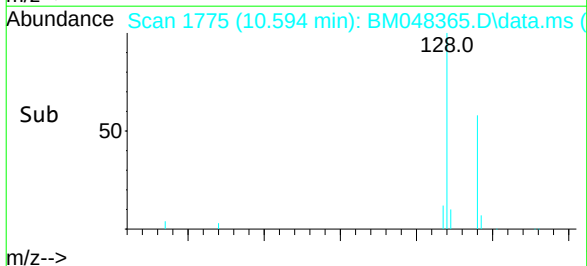
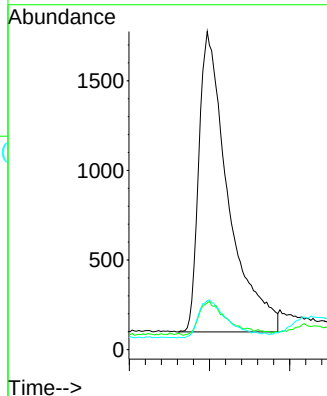
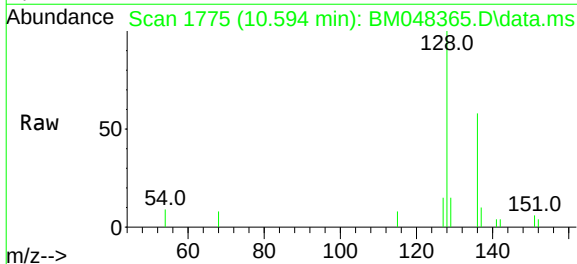
Instrument :
BNA_M
ClientSampleId :
SLCS434

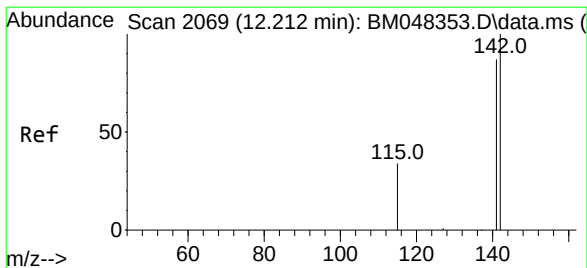
Tgt Ion: 88 Resp: 8173
Ion Ratio Lower Upper
88 100
43 34.6 36.2 54.4#
58 71.0 47.4 71.0



#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.594 min Scan# 1775
Delta R.T. 0.015 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion: 128 Resp: 8490
Ion Ratio Lower Upper
128 100
129 14.6 10.6 15.8
127 15.4 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.268 ng/ul

RT: 12.233 min Scan# 20

Delta R.T. 0.021 min

Lab File: BM048365.D

Acq: 31 Oct 2024 19:37

Instrument :

BNA_M

ClientSampleId :

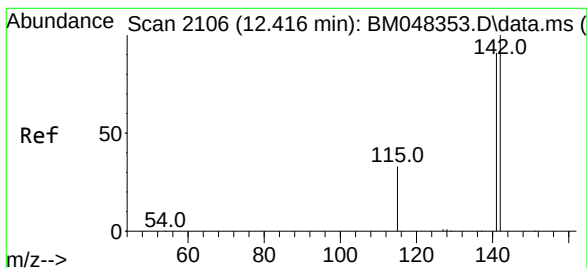
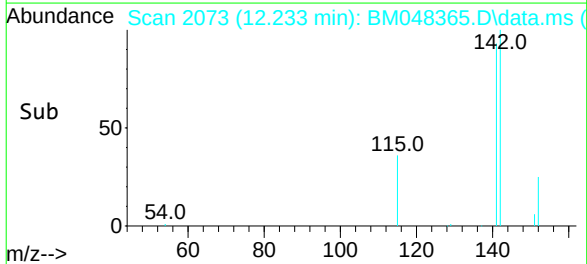
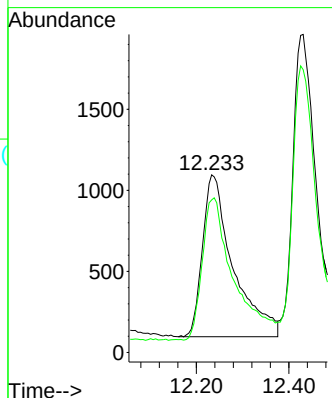
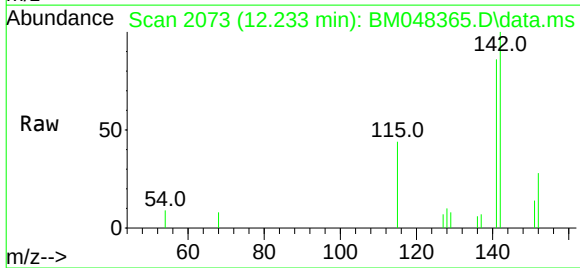
SLCS434

Tgt Ion:142 Resp: 4603

Ion Ratio Lower Upper

142 100

141 91.0 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.352 ng/ul

RT: 12.431 min Scan# 2109

Delta R.T. 0.015 min

Lab File: BM048365.D

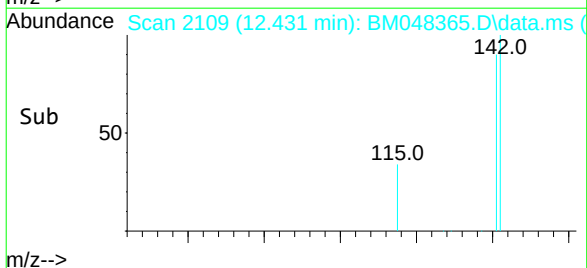
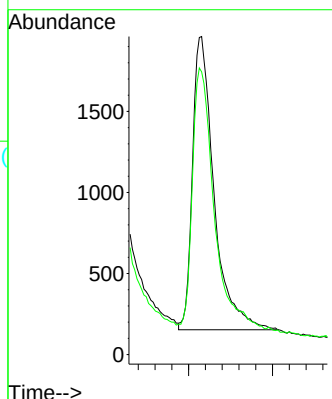
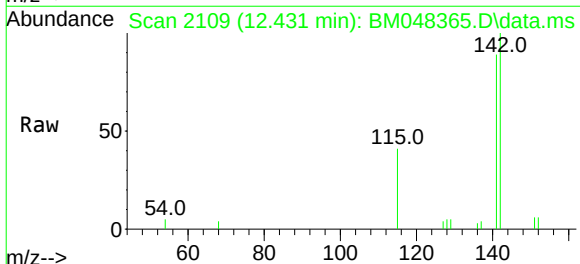
Acq: 31 Oct 2024 19:37

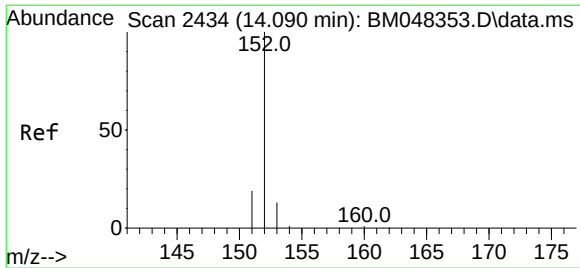
Tgt Ion:142 Resp: 6453

Ion Ratio Lower Upper

142 100

141 90.9 75.5 113.3





#10

Acenaphthylene

Concen: 0.282 ng/ul

RT: 14.098 min Scan# 2434

Delta R.T. 0.008 min

Lab File: BM048365.D

Acq: 31 Oct 2024 19:37

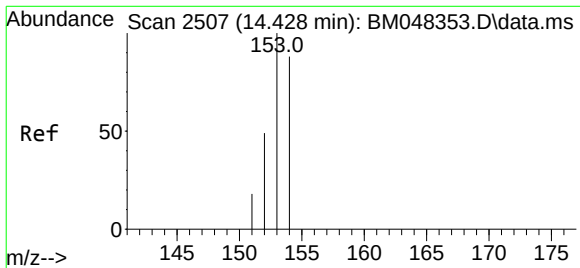
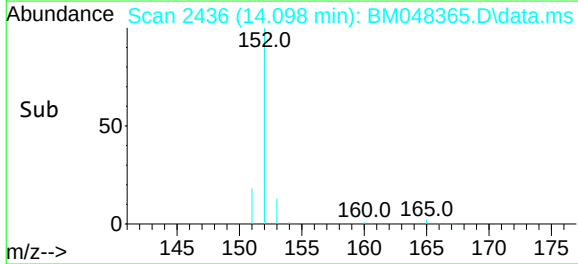
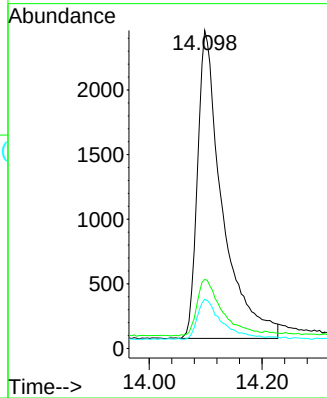
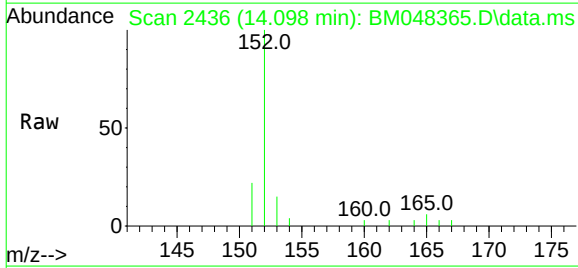
Instrument :

BNA_M

ClientSampleId :

SLCS434

Tgt Ion:	152	Resp:	7224
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.6	24.8
153	15.5	11.8	17.6



#11

Acenaphthene

Concen: 0.294 ng/ul

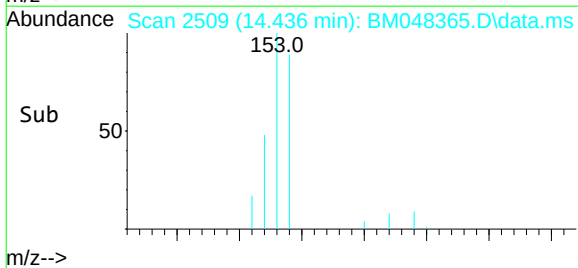
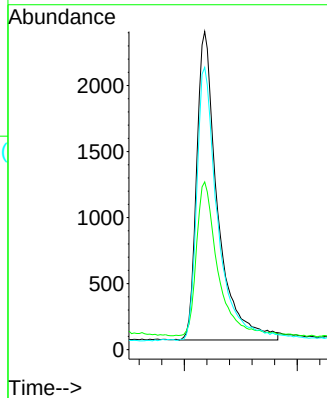
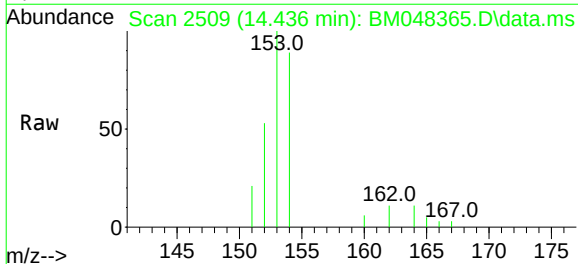
RT: 14.436 min Scan# 2509

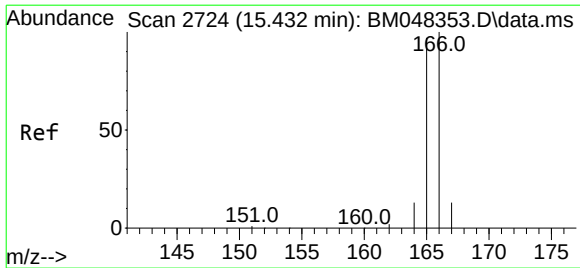
Delta R.T. 0.008 min

Lab File: BM048365.D

Acq: 31 Oct 2024 19:37

Tgt Ion:	153	Resp:	6033
Ion Ratio	Lower	Upper	
153	100		
152	52.7	40.7	61.1
154	88.8	70.6	106.0

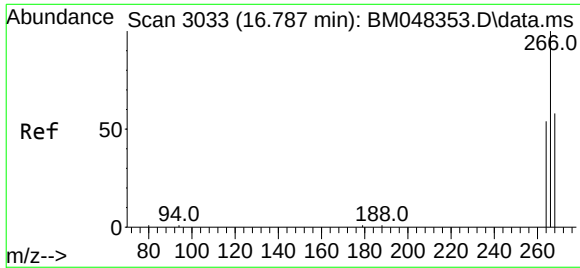
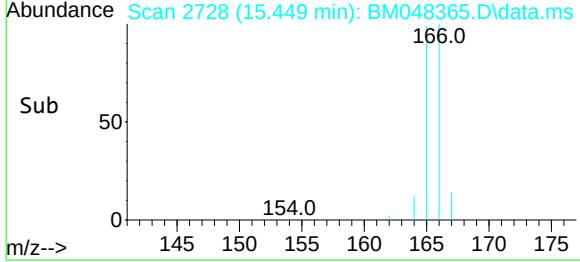
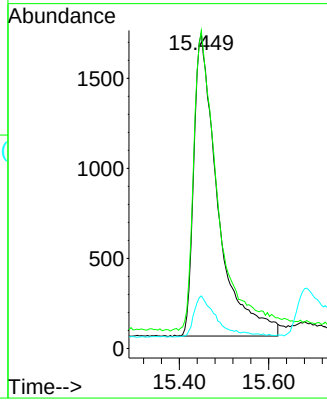
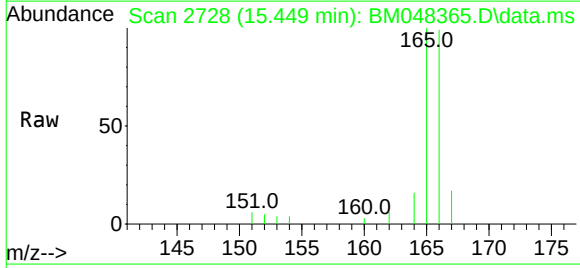




#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.449 min Scan# 27
Delta R.T. 0.017 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

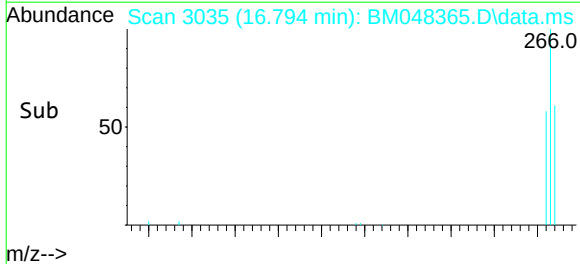
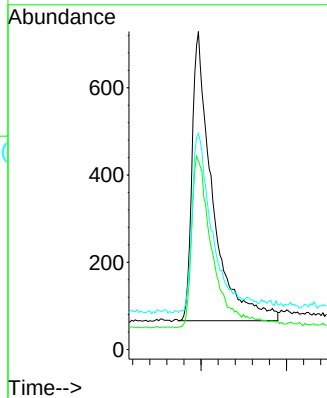
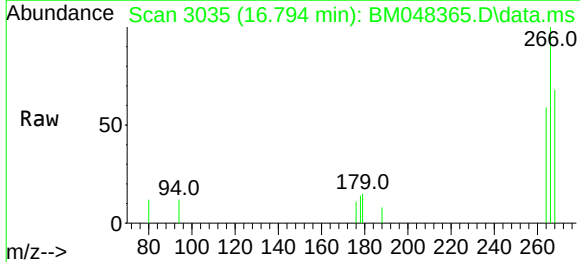
Instrument :
BNA_M
ClientSampleId :
SLCS434

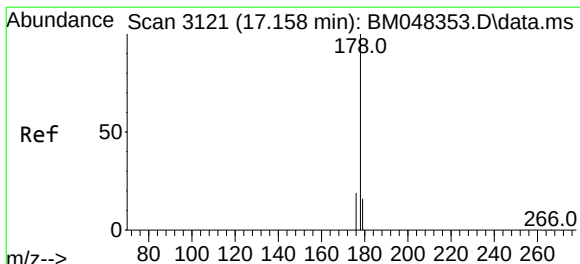
Tgt Ion:	166	Resp:	6275
Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.6	118.0
167	16.7	12.1	18.1



#14
Pentachlorophenol
Concen: 0.563 ng/ul
RT: 16.794 min Scan# 3035
Delta R.T. 0.007 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:	266	Resp:	2184
Ion	Ratio	Lower	Upper
266	100		
264	62.0	48.3	72.5
268	63.0	46.2	69.4

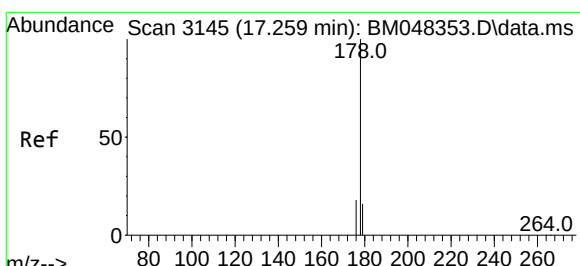
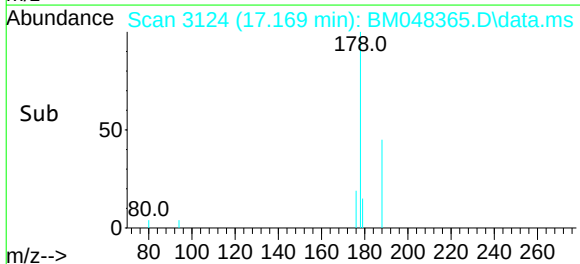
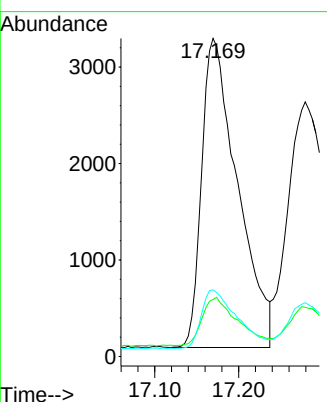
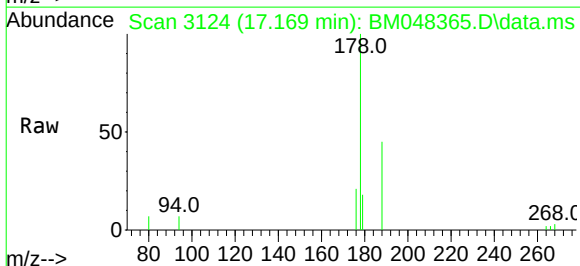




#15
Phenanthrene
Concen: 0.275 ng/u1
RT: 17.169 min Scan# 31
Delta R.T. 0.011 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

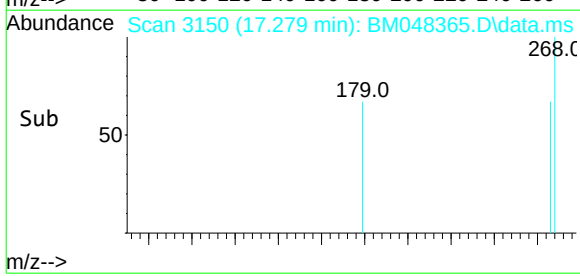
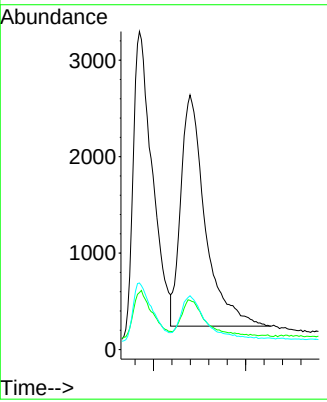
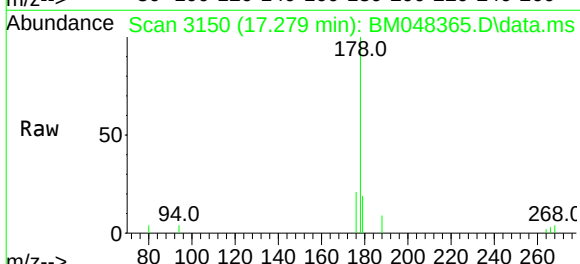
Instrument :
BNA_M
ClientSampleId :
SLCS434

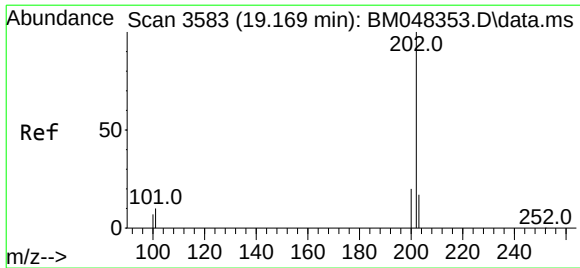
Tgt Ion:178	Resp:	9518
Ion Ratio	Lower	Upper
178	100	
179	17.9	13.9 20.9
176	20.9	16.0 24.0



#16
Anthracene
Concen: 0.272 ng/u1
RT: 17.279 min Scan# 3150
Delta R.T. 0.020 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:178	Resp:	8833
Ion Ratio	Lower	Upper
178	100	
179	19.3	14.2 21.2
176	21.1	15.8 23.6

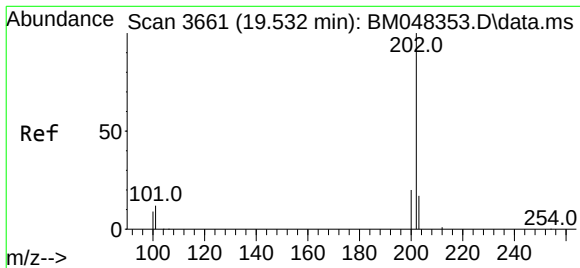
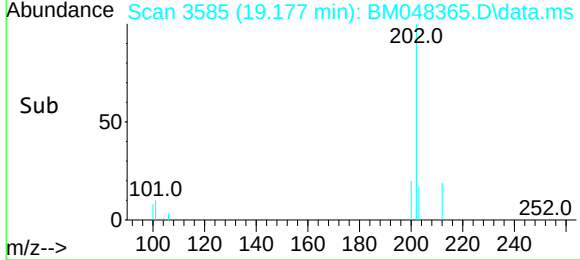
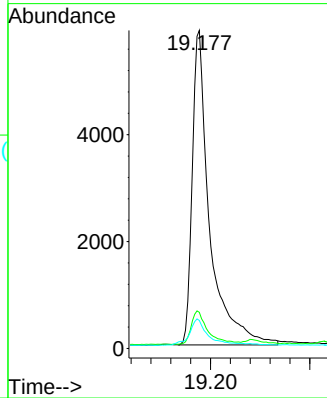
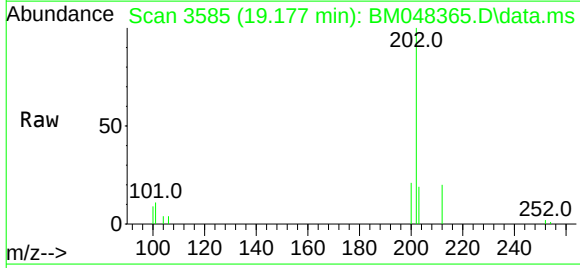




#19
 Fluoranthene
 Concen: 0.315 ng/u1
 RT: 19.177 min Scan# 3585
 Delta R.T. 0.008 min
 Lab File: BM048365.D
 Acq: 31 Oct 2024 19:37

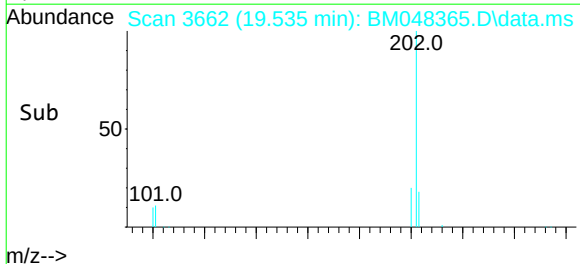
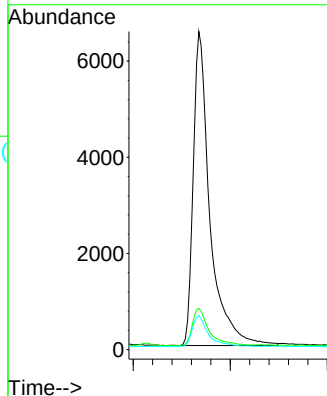
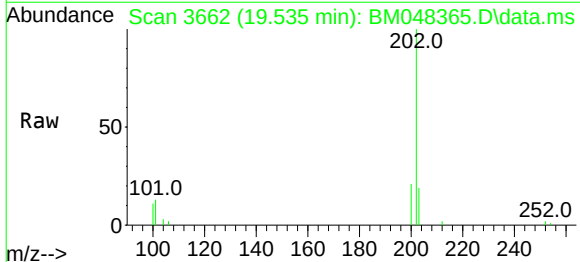
Instrument :
 BNA_M
 ClientSampleId :
 SLCS434

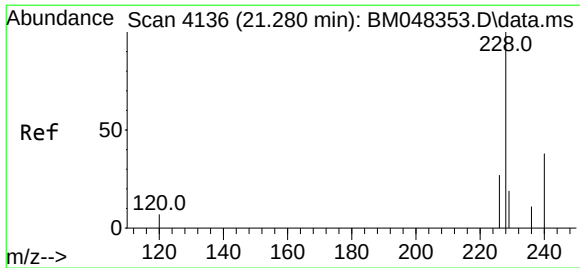
Tgt Ion:	202	Resp:	14331
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.0	13.4
100	8.8	6.6	10.0



#20
 Pyrene
 Concen: 0.318 ng/u1
 RT: 19.535 min Scan# 3662
 Delta R.T. 0.003 min
 Lab File: BM048365.D
 Acq: 31 Oct 2024 19:37

Tgt Ion:	202	Resp:	15525
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.0	15.0
100	10.7	8.0	12.0

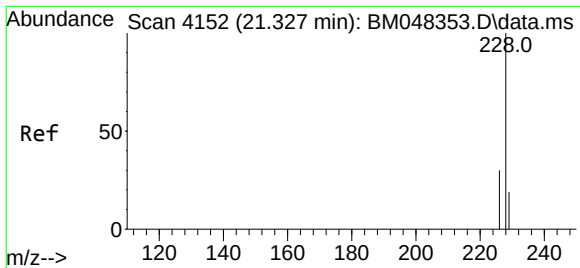
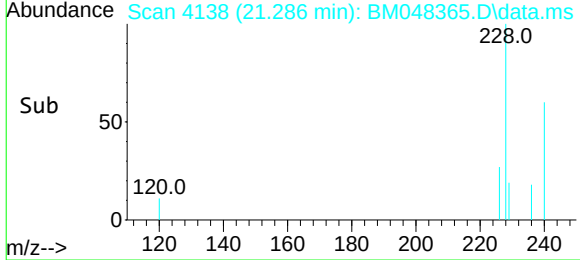
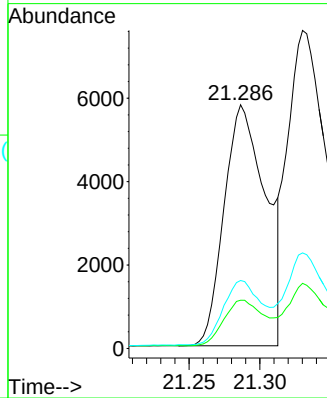
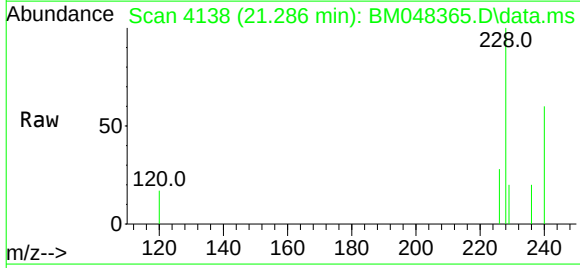




#21
Benzo(a)anthracene
Concen: 0.299 ng/u1
RT: 21.286 min Scan# 4136
Delta R.T. 0.006 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

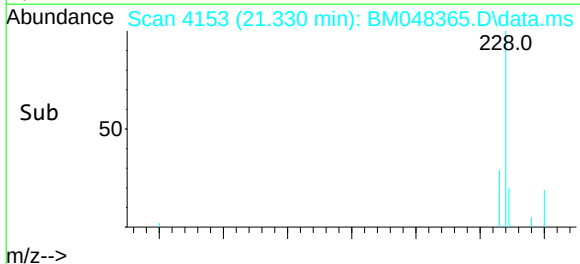
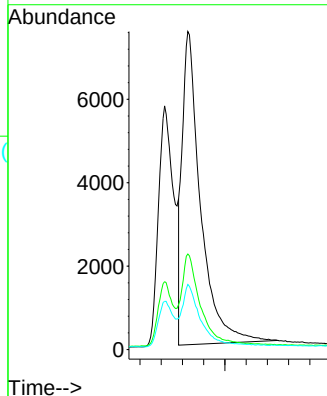
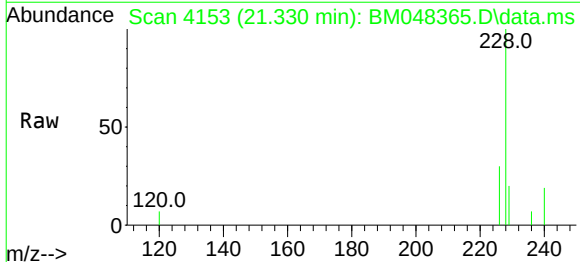
Instrument :
BNA_M
ClientSampleId :
SLCS434

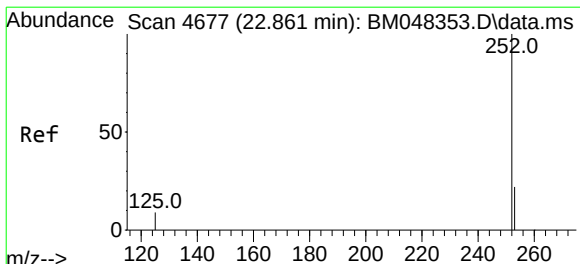
Tgt Ion:	228	Resp:	11807
Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	27.9	22.1	33.1



#22
Chrysene
Concen: 0.332 ng/u1
RT: 21.330 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:	228	Resp:	18061
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	20.5	15.9	23.9

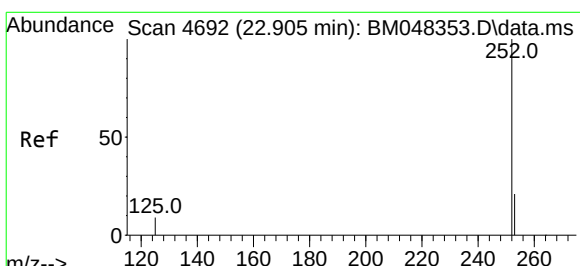
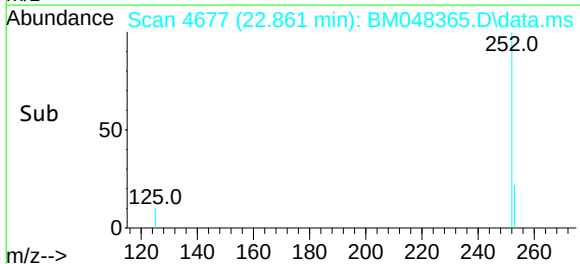
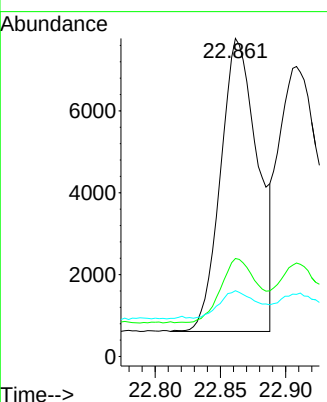
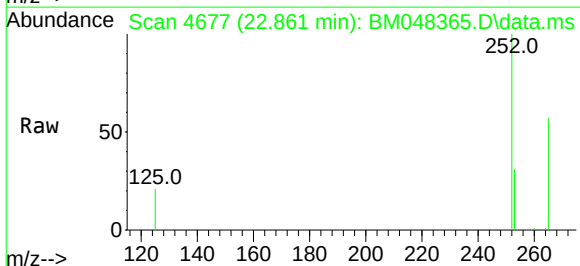




#24
 Benzo(b)fluoranthene
 Concen: 0.305 ng/u1
 RT: 22.861 min Scan# 4677
 Delta R.T. 0.000 min
 Lab File: BM048365.D
 Acq: 31 Oct 2024 19:37

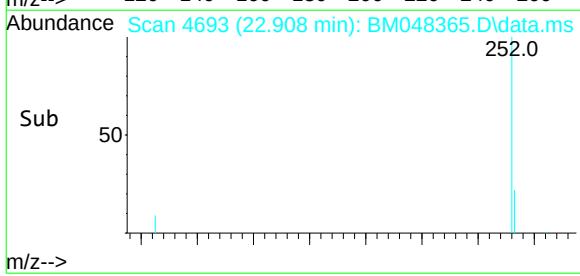
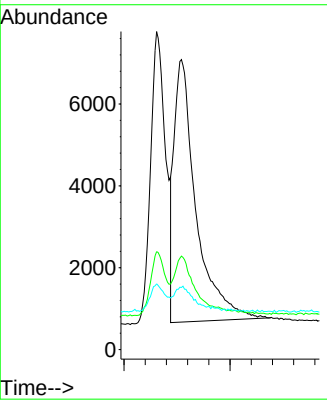
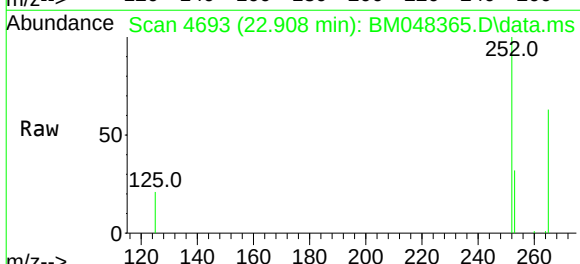
Instrument :
 BNA_M
 ClientSampleId :
 SLCS434

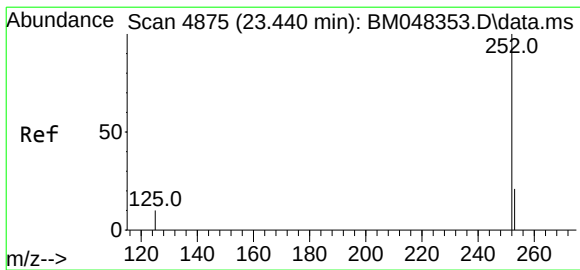
Tgt Ion:	252	Resp:	14187
Ion Ratio	Lower	Upper	
252	100		
253	30.8	0.0	59.4
125	20.7	0.0	38.0



#25
 Benzo(k)fluoranthene
 Concen: 0.335 ng/u1
 RT: 22.908 min Scan# 4693
 Delta R.T. 0.003 min
 Lab File: BM048365.D
 Acq: 31 Oct 2024 19:37

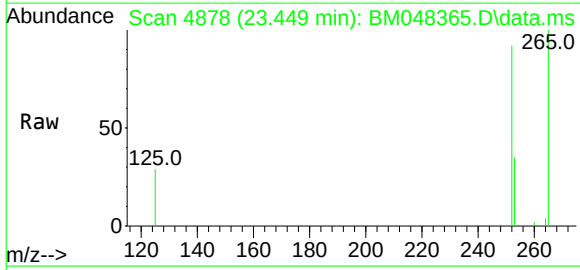
Tgt Ion:	252	Resp:	18473
Ion Ratio	Lower	Upper	
252	100		
253	32.2	23.4	35.0
125	21.4	15.3	22.9



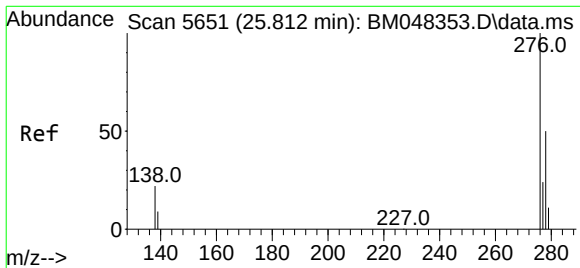
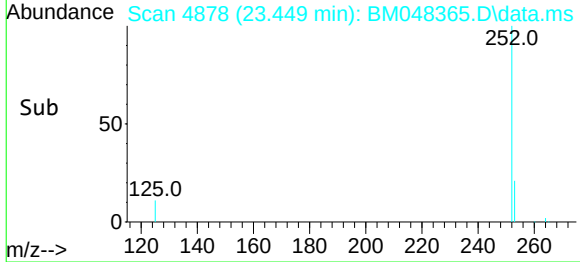
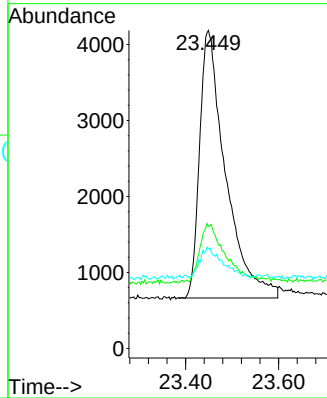


#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.449 min Scan# 4875
Delta R.T. 0.009 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Instrument :
BNA_M
ClientSampleId :
SLCS434

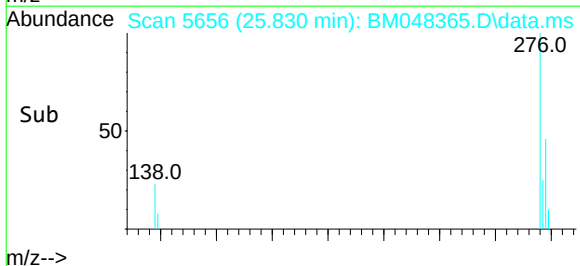
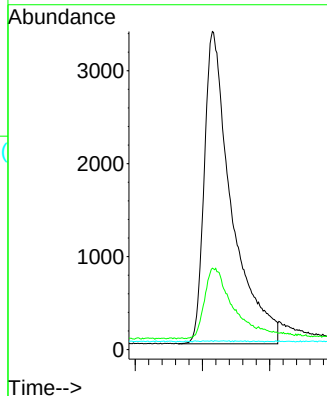
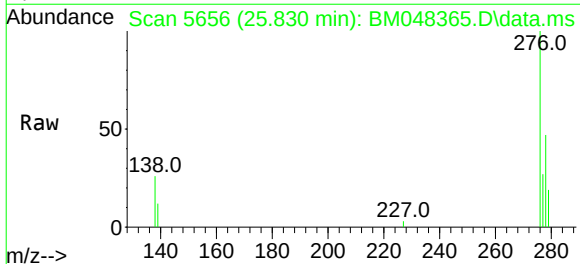


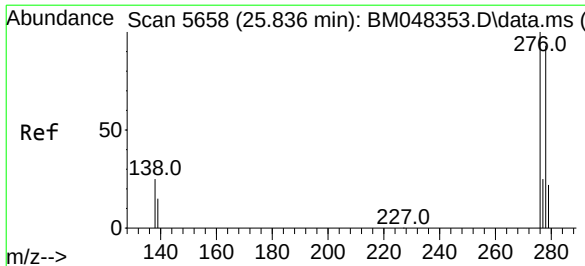
Tgt Ion:	252	Resp:	13660
Ion	Ratio	Lower	Upper
252	100		
253	38.4	27.7	41.5
125	31.4	21.1	31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 25.830 min Scan# 5656
Delta R.T. 0.017 min
Lab File: BM048365.D
Acq: 31 Oct 2024 19:37

Tgt Ion:	276	Resp:	18900
Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.6	29.4
227	0.0	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.302 ng/ul

RT: 25.846 min Scan# 56

Delta R.T. 0.011 min

Lab File: BM048365.D

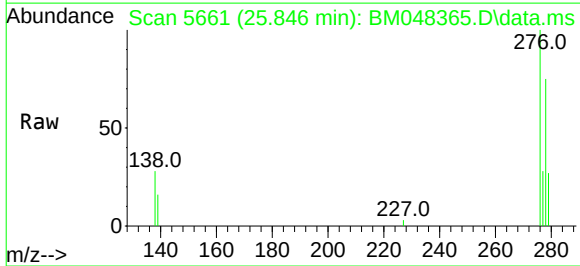
Acq: 31 Oct 2024 19:37

Instrument :

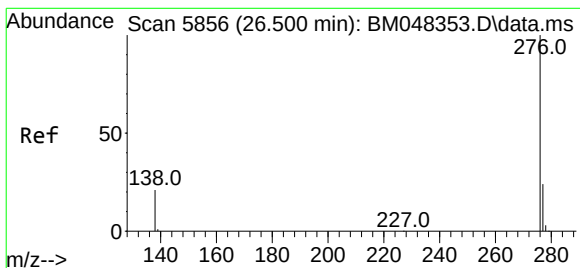
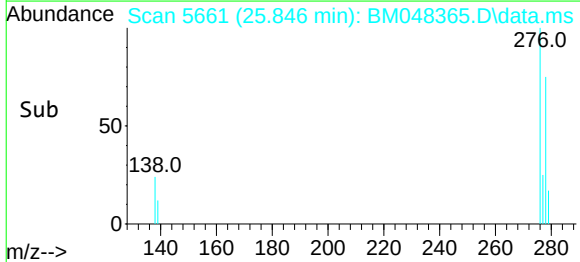
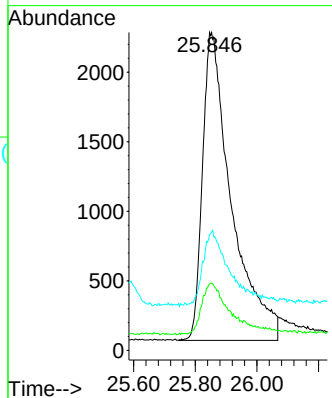
BNA_M

ClientSampleId :

SLCS434



Tgt Ion:	278	Resp:	14408
Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.6	23.4
279	36.4	26.4	39.6



#29

Benzo(g,h,i)perylene

Concen: 0.316 ng/ul

RT: 26.514 min Scan# 5860

Delta R.T. 0.014 min

Lab File: BM048365.D

Acq: 31 Oct 2024 19:37

Tgt Ion:	276	Resp:	16266
Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.0	28.6
277	25.7	20.6	31.0

