

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043437.D
 Acq On : 19 Dec 2023 21:17
 Operator : MA/JU
 Sample : PB157813BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS813

Quant Time: Dec 19 23:37:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

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

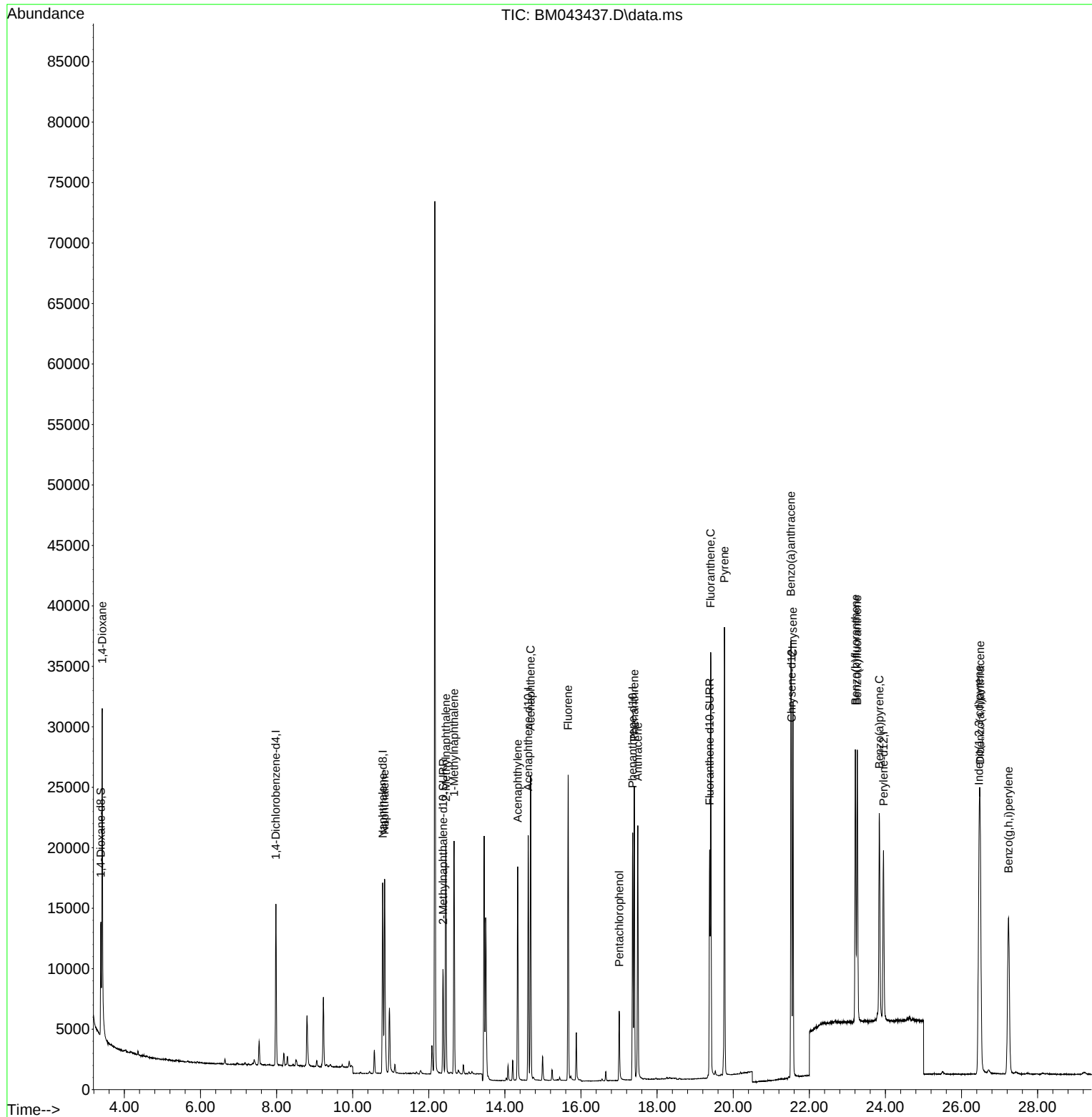
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	6682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	21722	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	11407	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	23124	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	17420	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	19977	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	5984	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	11159	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	19344	0.311	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.419	88	17388	2.054	ng/ul#	86
5) Naphthalene	10.840	128	21739	0.333	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	13828	0.328	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	13336	0.315	ng/ul	100
10) Acenaphthylene	14.338	152	20758	0.330	ng/ul	99
11) Acenaphthene	14.675	153	14851	0.325	ng/ul	98
12) Fluorene	15.661	166	16328	0.315	ng/ul	100
14) Pentachlorophenol	17.004	266	4389	0.857	ng/ul	96
15) Phenanthrene	17.401	178	26166	0.339	ng/ul	99
16) Anthracene	17.493	178	24296	0.347	ng/ul	99
19) Fluoranthene	19.408	202	28626	0.291	ng/ul#	91
20) Pyrene	19.771	202	30207	0.310	ng/ul	98
21) Benzo(a)anthracene	21.518	228	27389	0.358	ng/ul	99
22) Chrysene	21.571	228	27324	0.338	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	29639	0.327	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	29806	0.317	ng/ul#	91
26) Benzo(a)pyrene	23.839	252	27067	0.362	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.461	276	35949	0.422	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.488	278	28724	0.426	ng/ul	97
29) Benzo(g,h,i)perylene	27.236	276	29730	0.409	ng/ul	97

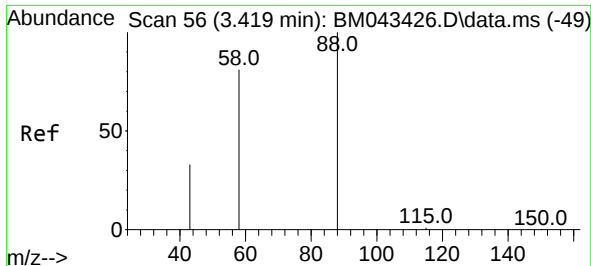
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043437.D
Acq On : 19 Dec 2023 21:17
Operator : MA/JU
Sample : PB157813BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS813

Quant Time: Dec 19 23:37:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

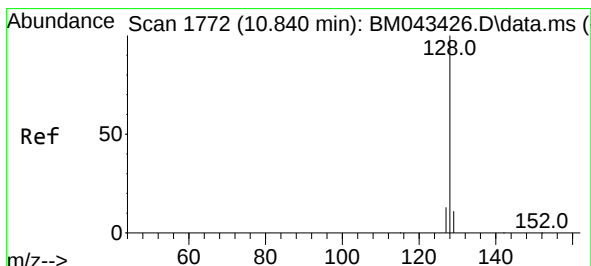
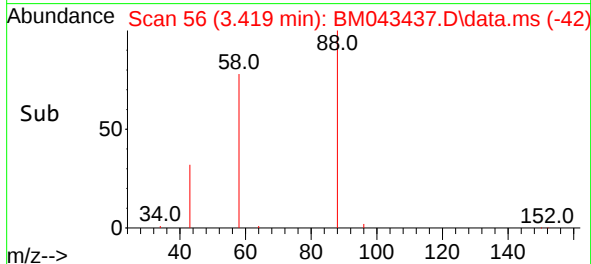
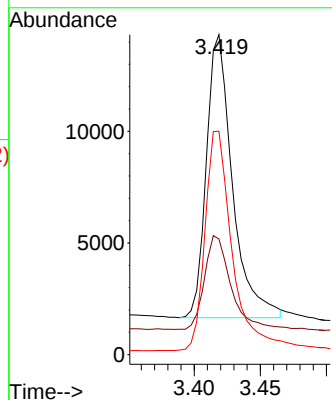
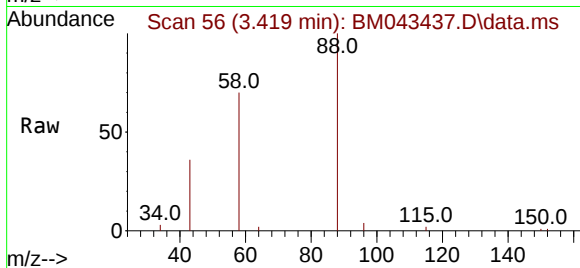




#2
1,4-Dioxane
Concen: 2.054 ng/ul
RT: 3.419 min Scan# 56
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

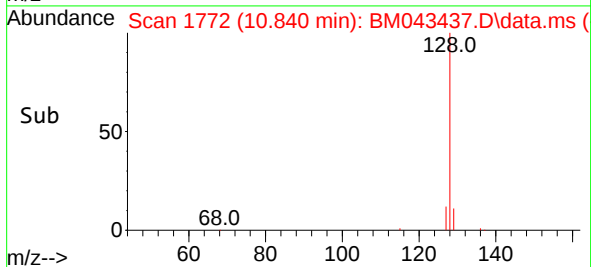
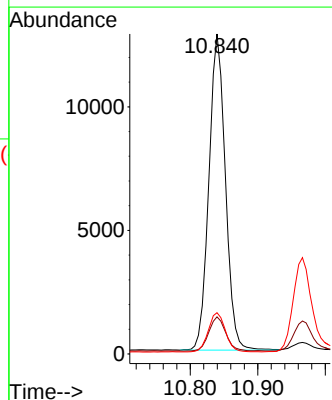
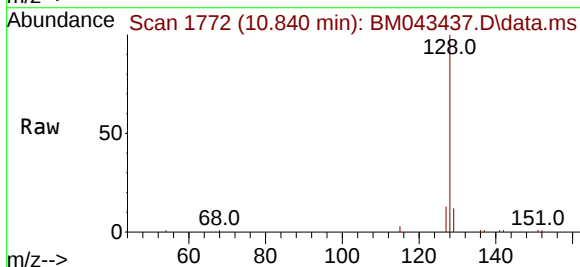
Instrument :
BNA_M
ClientSampleId :
SLCS813

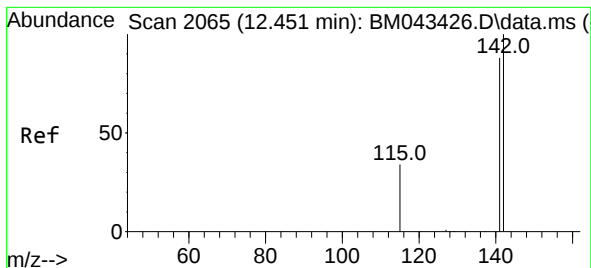
Tgt Ion: 88 Resp: 17388
Ion Ratio Lower Upper
88 100
43 36.2 27.9 41.9
58 69.9 43.4 65.2#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion: 128 Resp: 21739
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 12.9 10.3 15.5

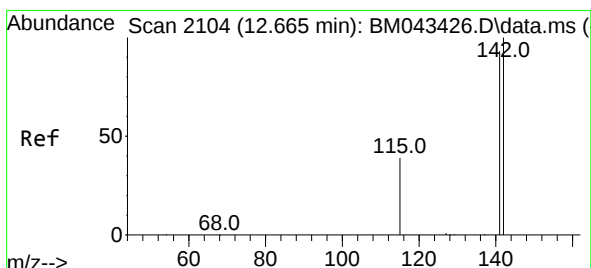
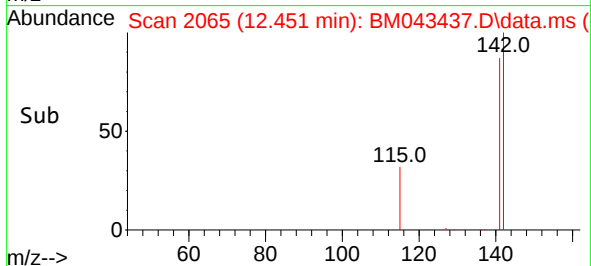
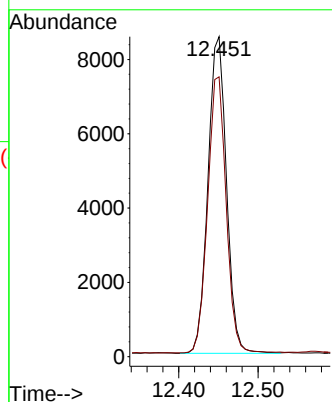
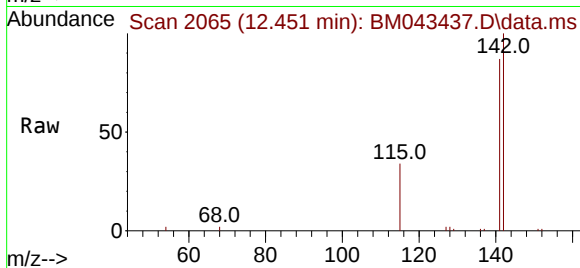




#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

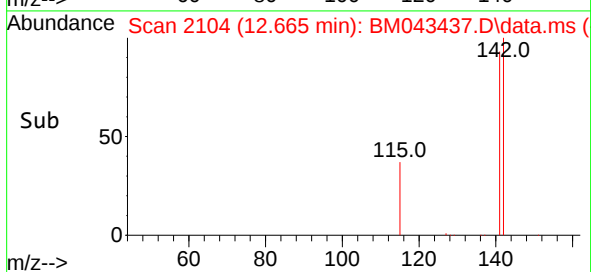
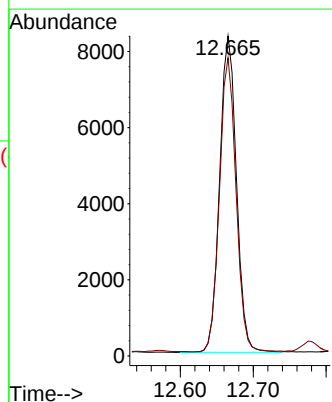
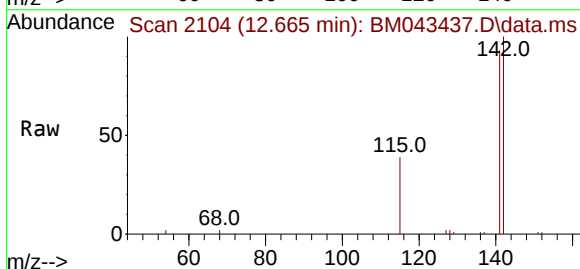
Instrument :
BNA_M
ClientSampleId :
SLCS813

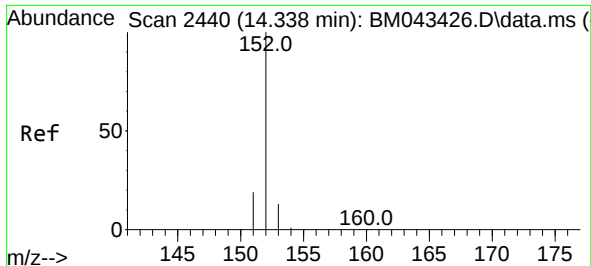
Tgt Ion:142 Resp: 13828
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:142 Resp: 13336
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

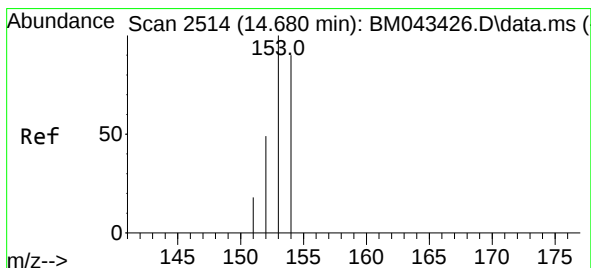
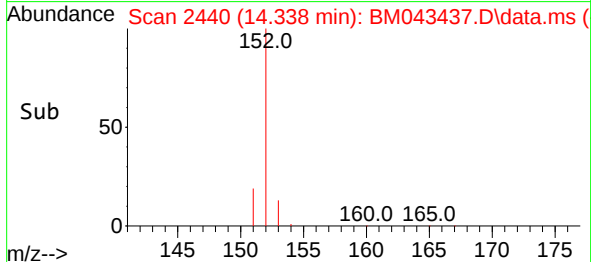
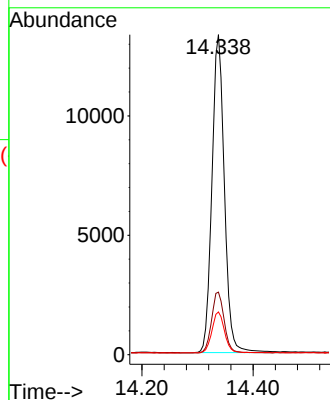
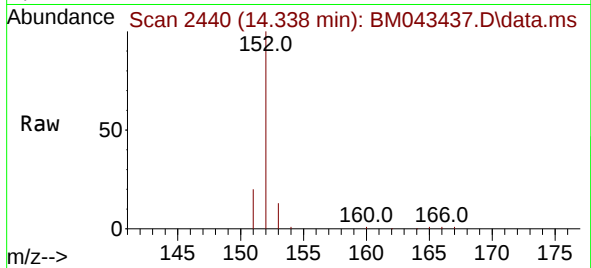




#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

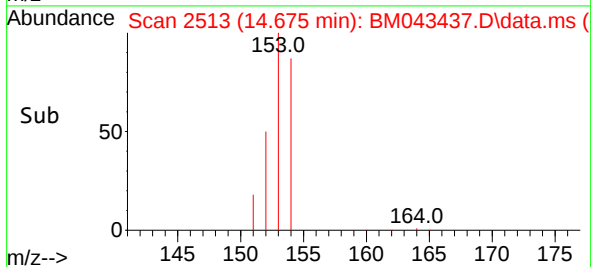
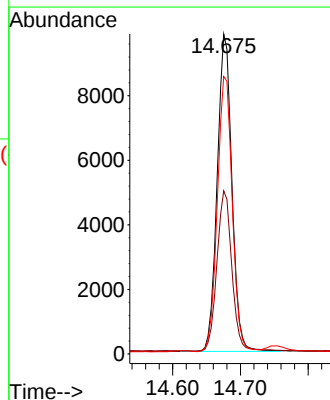
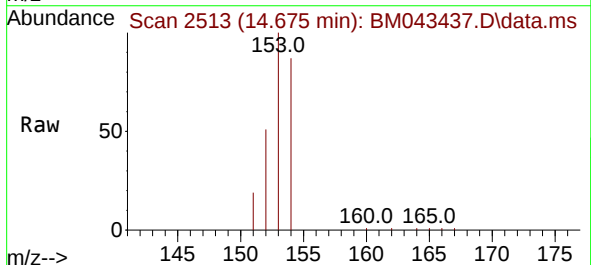
Instrument :
BNA_M
ClientSampleId :
SLCS813

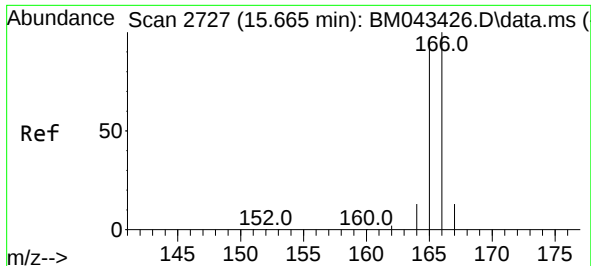
Tgt Ion:152	Resp:	20758
Ion Ratio	Lower	Upper
152	100	
151	19.5	16.2 24.2
153	13.4	10.4 15.6



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:153	Resp:	14851
Ion Ratio	Lower	Upper
153	100	
152	51.0	42.1 63.1
154	86.7	71.3 106.9

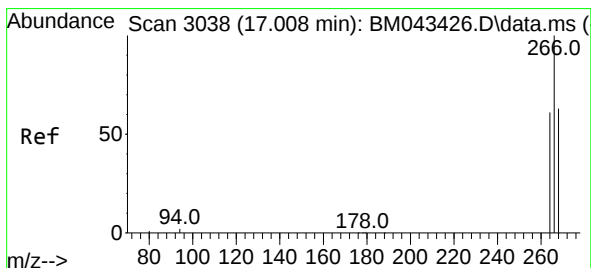
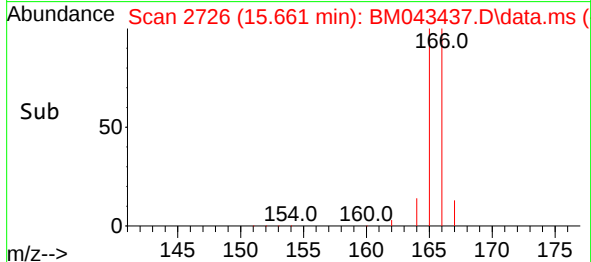
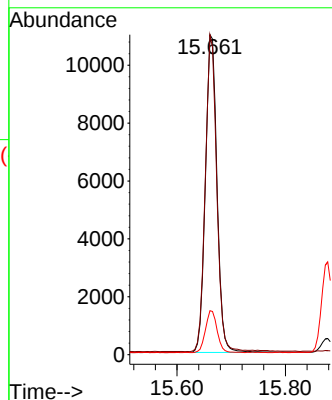
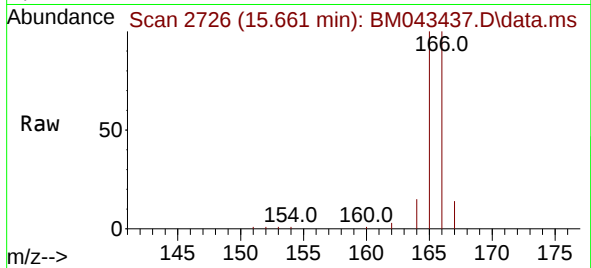




#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.661 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

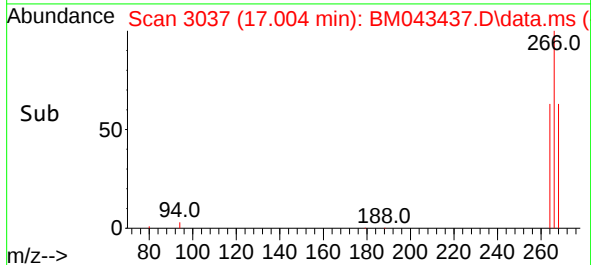
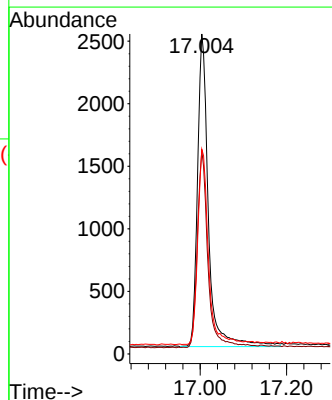
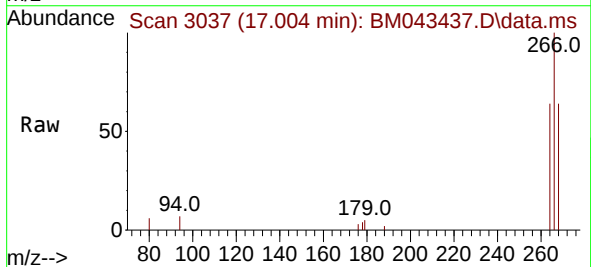
Instrument :
BNA_M
ClientSampleId :
SLCS813

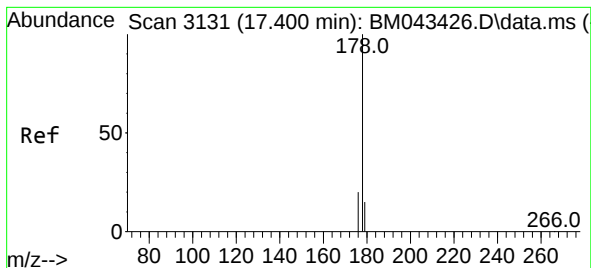
Tgt Ion:166 Resp: 16328
Ion Ratio Lower Upper
166 100
165 99.9 80.3 120.5
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.857 ng/ul
RT: 17.004 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:266 Resp: 4389
Ion Ratio Lower Upper
266 100
264 60.7 51.7 77.5
268 62.2 51.9 77.9





#15

Phenanthrene

Concen: 0.339 ng/ul

RT: 17.401 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM043437.D

Acq: 19 Dec 2023 21:17

Instrument :

BNA_M

ClientSampleId :

SLCS813

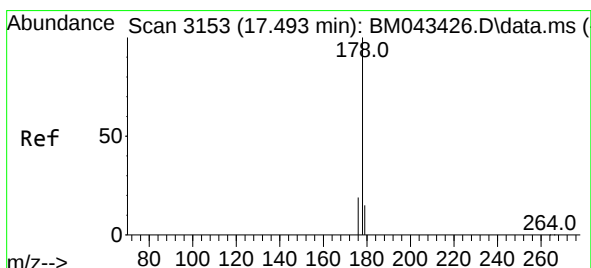
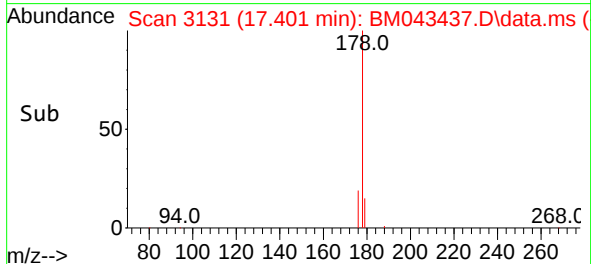
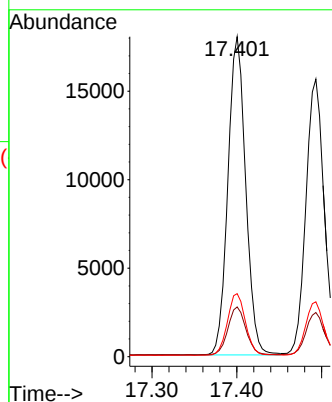
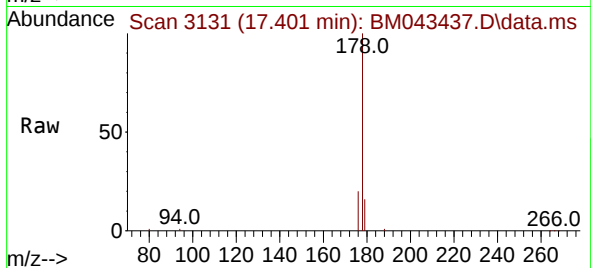
Tgt Ion:178 Resp: 26166

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.7 16.2 24.2



#16

Anthracene

Concen: 0.347 ng/ul

RT: 17.493 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BM043437.D

Acq: 19 Dec 2023 21:17

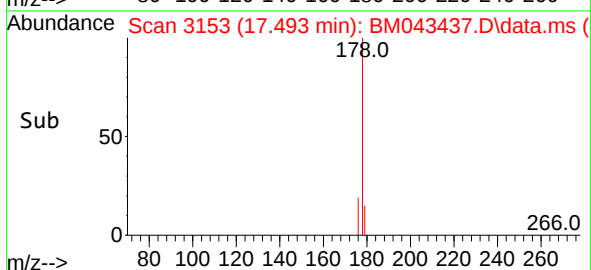
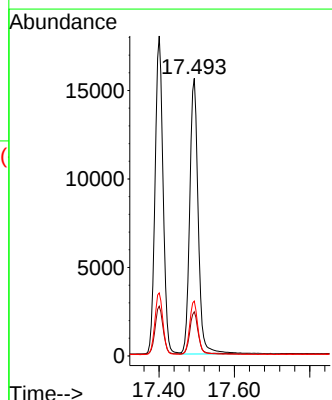
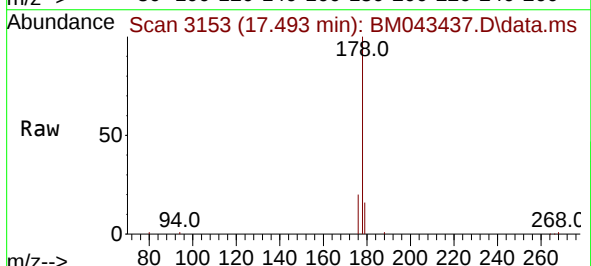
Tgt Ion:178 Resp: 24296

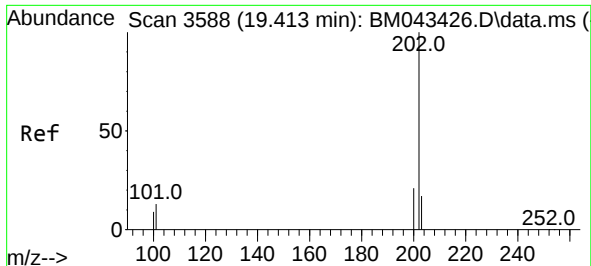
Ion Ratio Lower Upper

178 100

179 15.9 12.6 18.8

176 19.8 15.6 23.4

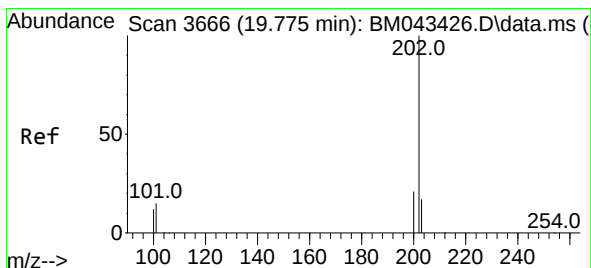
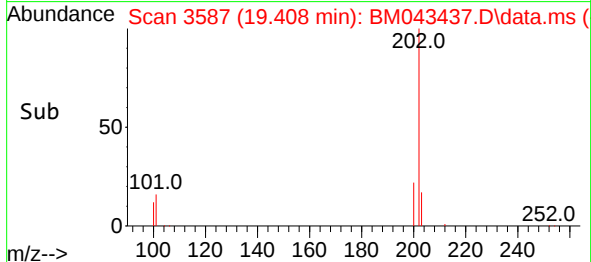
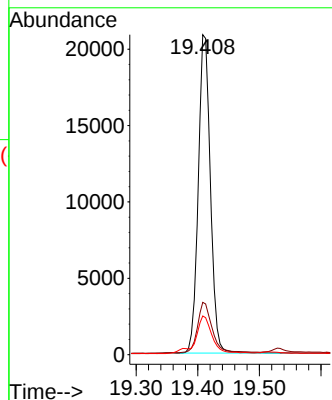
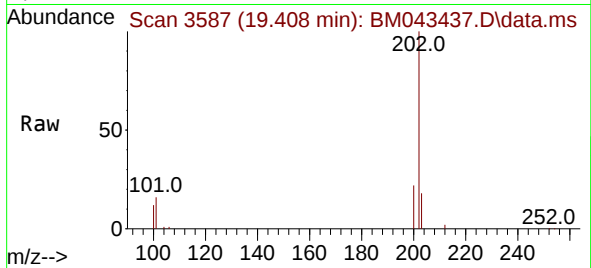




#19
Fluoranthene
Concen: 0.291 ng/ul
RT: 19.408 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

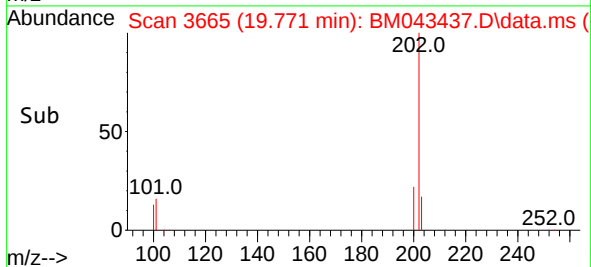
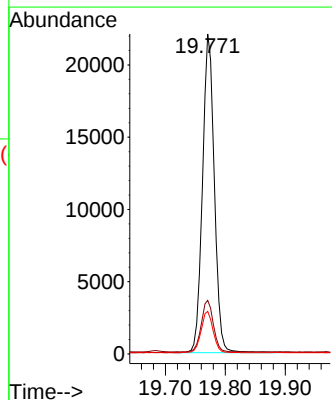
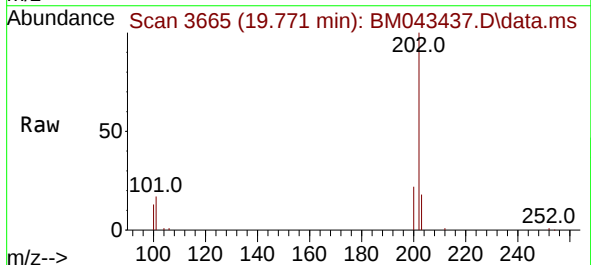
Instrument :
BNA_M
ClientSampleId :
SLCS813

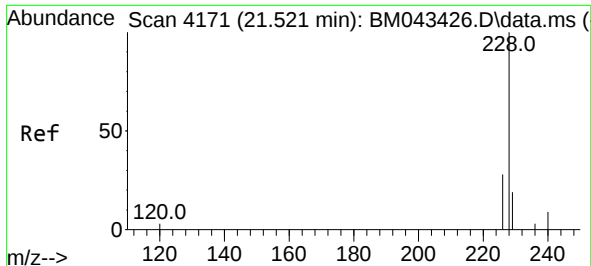
Tgt Ion:202 Resp: 28626
Ion Ratio Lower Upper
202 100
101 16.4 10.1 15.1#
100 12.1 7.4 11.2#



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:202 Resp: 30207
Ion Ratio Lower Upper
202 100
101 16.8 12.7 19.1
100 13.3 9.8 14.8

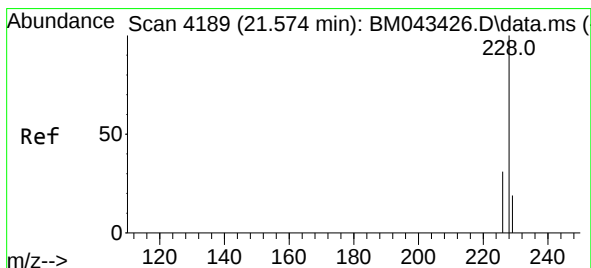
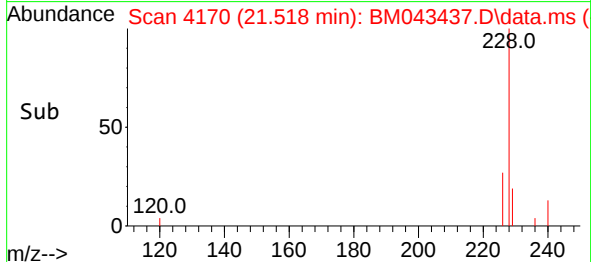
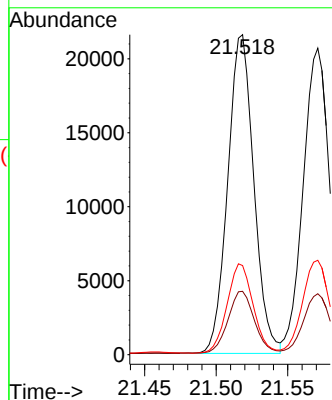
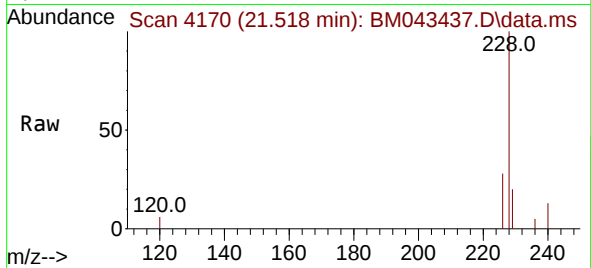




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

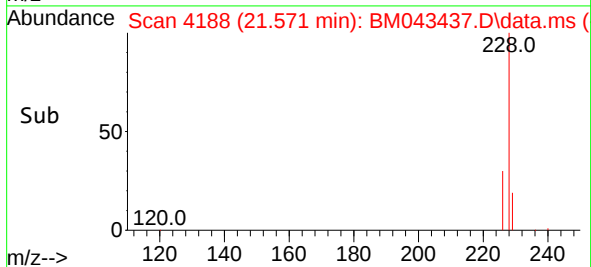
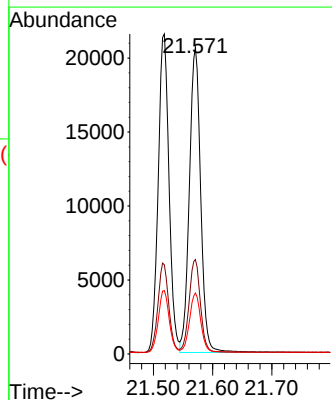
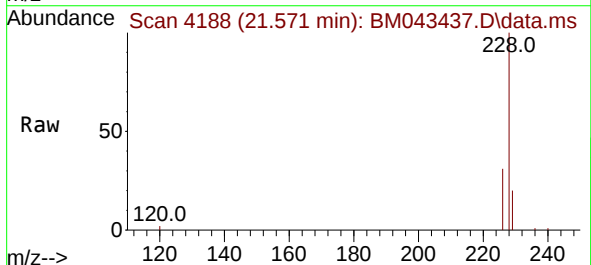
Instrument :
BNA_M
ClientSampleId :
SLCS813

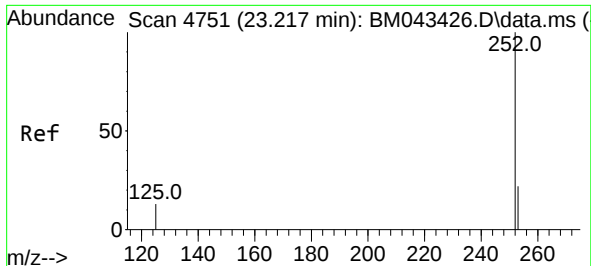
Tgt Ion:228 Resp: 27389
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.8 22.6 34.0



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:228 Resp: 27324
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.9 15.7 23.5

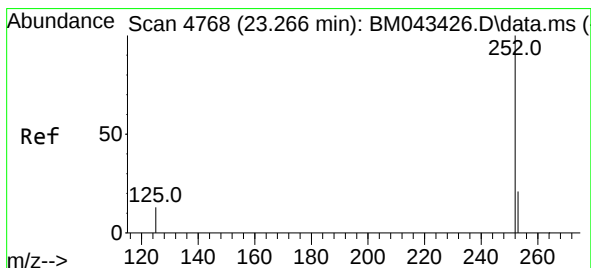
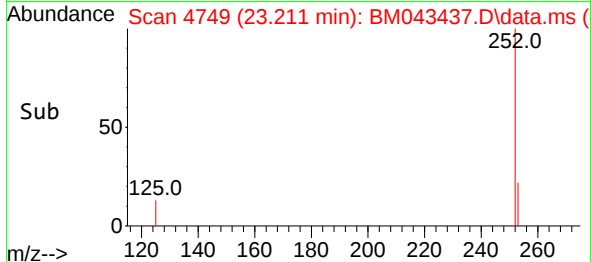
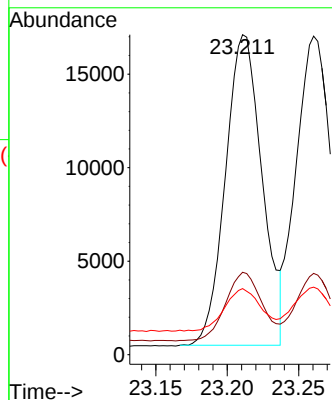
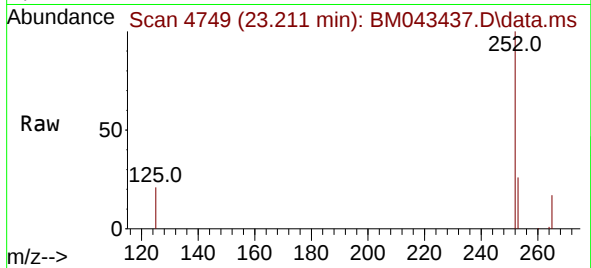




#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.006 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

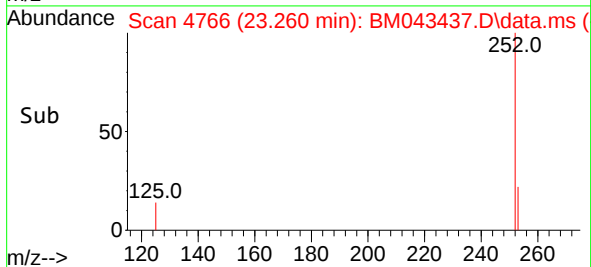
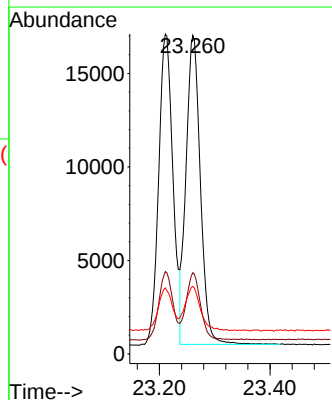
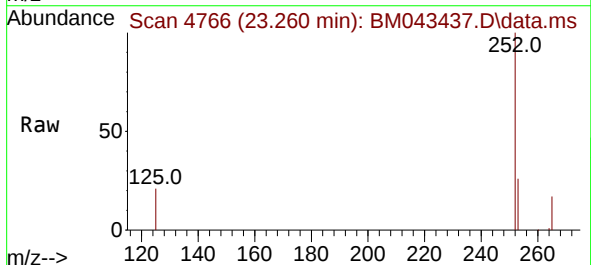
Instrument :
BNA_M
ClientSampleId :
SLCS813

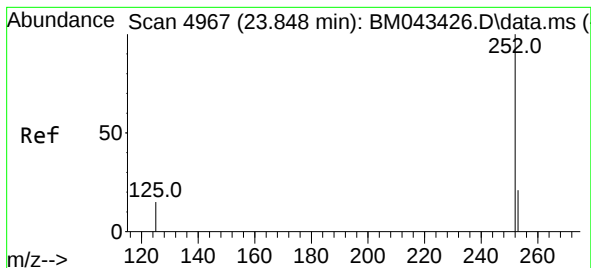
Tgt Ion:252 Resp: 29639
Ion Ratio Lower Upper
252 100
253 25.8 0.0 48.8
125 20.6 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:252 Resp: 29806
Ion Ratio Lower Upper
252 100
253 25.5 18.6 28.0
125 21.2 11.8 17.8#





#26

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 23.839 min Scan# 4967

Delta R.T. -0.009 min

Lab File: BM043437.D

Acq: 19 Dec 2023 21:17

Instrument :

BNA_M

ClientSampleId :

SLCS813

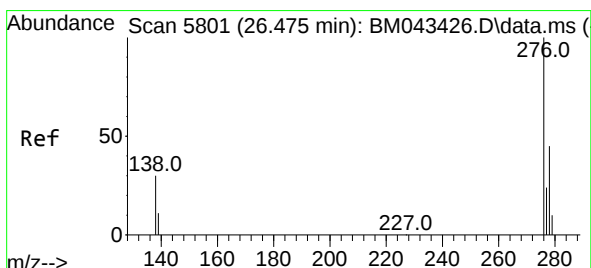
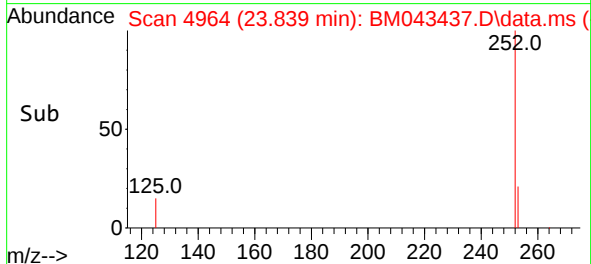
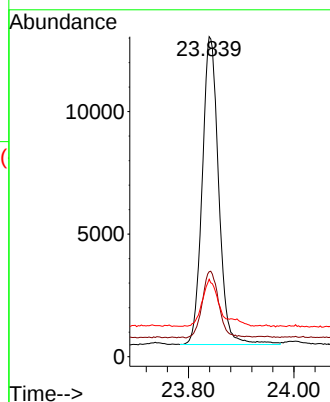
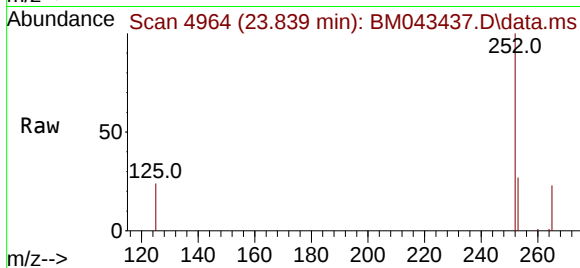
Tgt Ion:252 Resp: 27067

Ion Ratio Lower Upper

252 100

253 26.5 20.2 30.2

125 24.2 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.422 ng/ul

RT: 26.461 min Scan# 5797

Delta R.T. -0.014 min

Lab File: BM043437.D

Acq: 19 Dec 2023 21:17

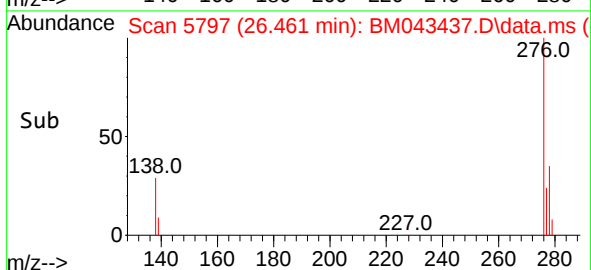
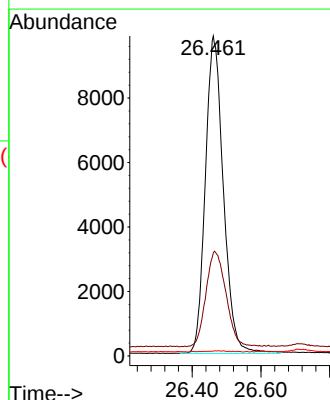
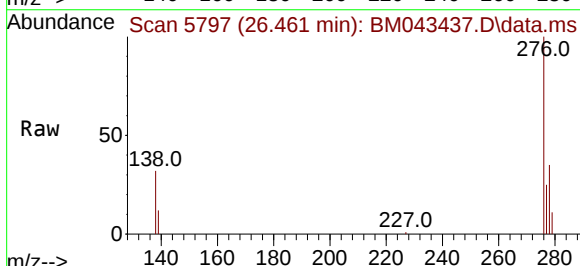
Tgt Ion:276 Resp: 35949

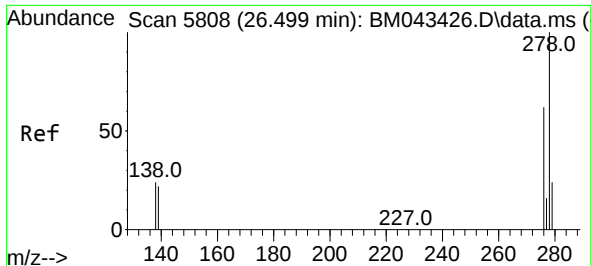
Ion Ratio Lower Upper

276 100

138 33.4 24.6 36.8

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.426 ng/ul

RT: 26.488 min Scan# 5805

Delta R.T. -0.010 min

Lab File: BM043437.D

Acq: 19 Dec 2023 21:17

Instrument :

BNA_M

ClientSampleId :

SLCS813

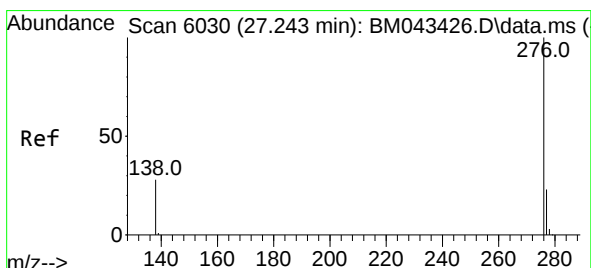
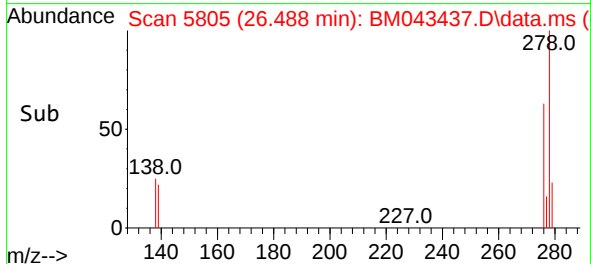
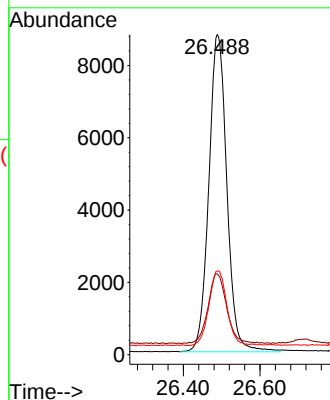
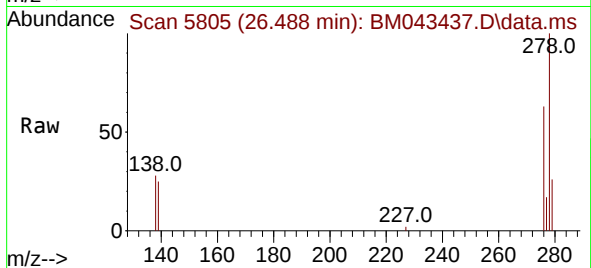
Tgt Ion:278 Resp: 28724

Ion Ratio Lower Upper

278 100

139 25.3 17.4 26.2

279 26.1 20.9 31.3



#29

Benzo(g,h,i)perylene

Concen: 0.409 ng/ul

RT: 27.236 min Scan# 6028

Delta R.T. -0.007 min

Lab File: BM043437.D

Acq: 19 Dec 2023 21:17

Tgt Ion:276 Resp: 29730

Ion Ratio Lower Upper

276 100

138 31.4 23.1 34.7

277 24.2 19.4 29.0

