

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043270.D
 Acq On : 12 Dec 2023 18:59
 Operator : MA/JU
 Sample : PB157651BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS651

Quant Time: Dec 12 22:52:54 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 : Mon Dec 11 16:25:39 2023
 Response via : Initial Calibration

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

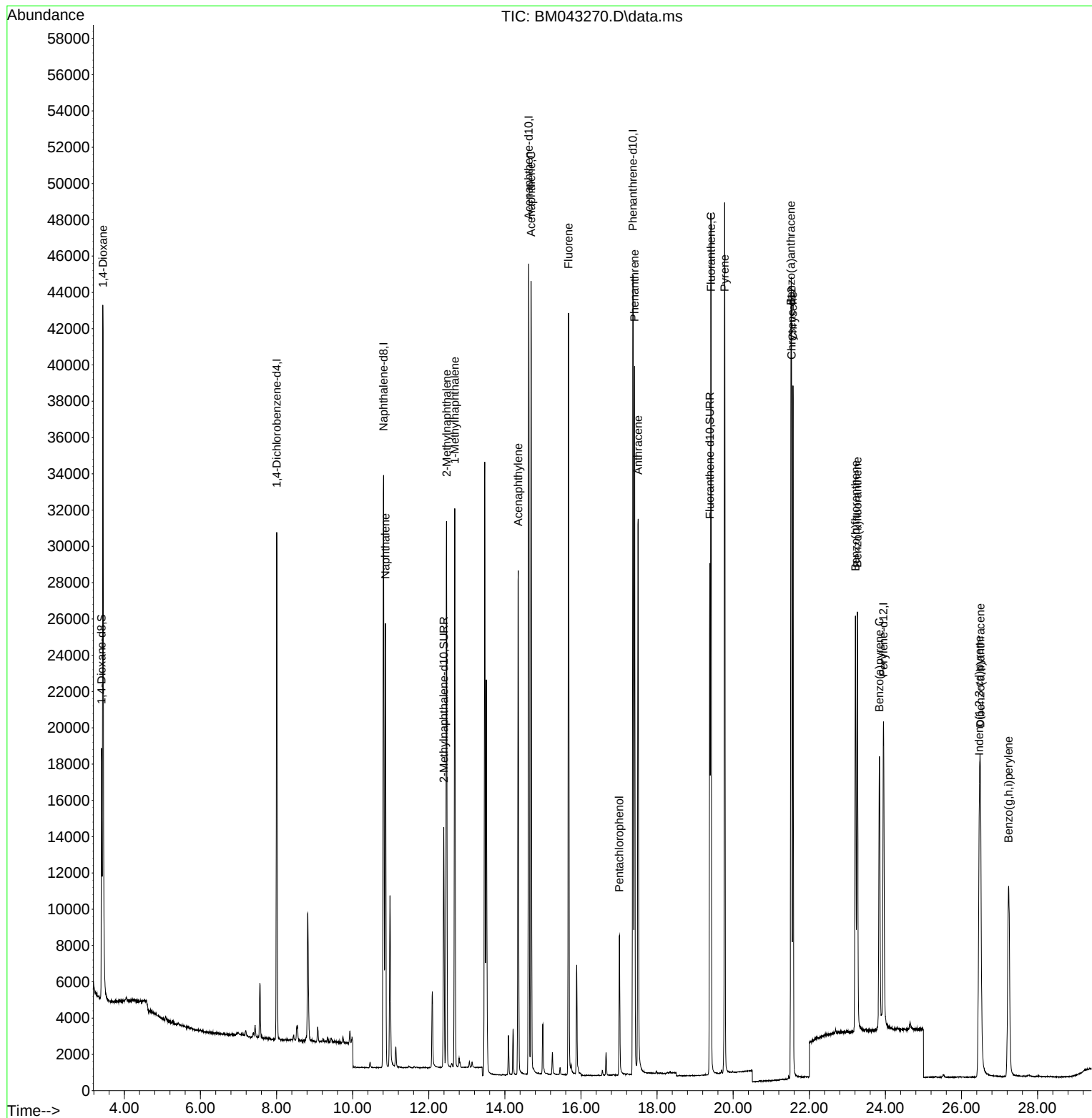
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	14005	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	44402	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	24794	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	50052	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	27924	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	25416	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	9393	0.531	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	17002	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	27531	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	25506	1.437	ng/ul#	84
5) Naphthalene	10.861	128	32895	0.246	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	21134	0.245	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	20588	0.238	ng/ul	100
10) Acenaphthylene	14.351	152	32121	0.235	ng/ul	99
11) Acenaphthene	14.689	153	24095	0.243	ng/ul	99
12) Fluorene	15.674	166	26580	0.236	ng/ul	98
14) Pentachlorophenol	17.008	266	5601	0.505	ng/ul	99
15) Phenanthrene	17.409	178	40930	0.245	ng/ul	99
16) Anthracene	17.502	178	36689	0.242	ng/ul	99
19) Fluoranthene	19.417	202	39908	0.253	ng/ul	96
20) Pyrene	19.775	202	40021	0.256	ng/ul	96
21) Benzo(a)anthracene	21.518	228	31656	0.258	ng/ul	99
22) Chrysene	21.571	228	33530	0.259	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	29670	0.257	ng/ul	97
25) Benzo(k)fluoranthene	23.263	252	31330	0.262	ng/ul	96
26) Benzo(a)pyrene	23.842	252	25032	0.263	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.468	276	28995	0.268	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.499	278	23246	0.271	ng/ul	98
29) Benzo(g,h,i)perylene	27.236	276	24650	0.266	ng/ul	99

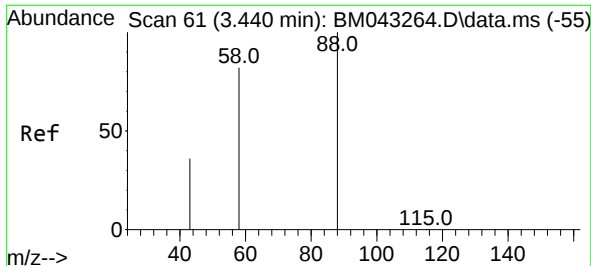
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043270.D
Acq On : 12 Dec 2023 18:59
Operator : MA/JU
Sample : PB157651BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS651

Quant Time: Dec 12 22:52:54 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 : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

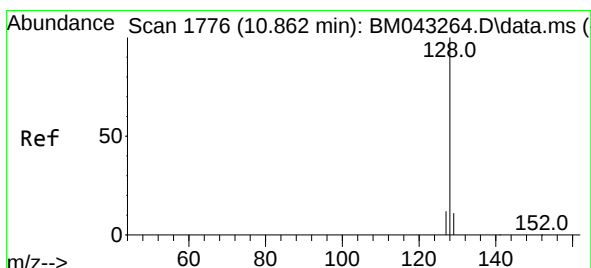
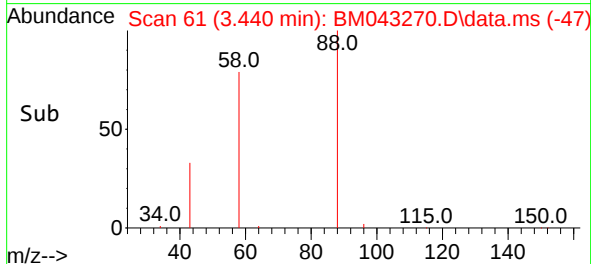
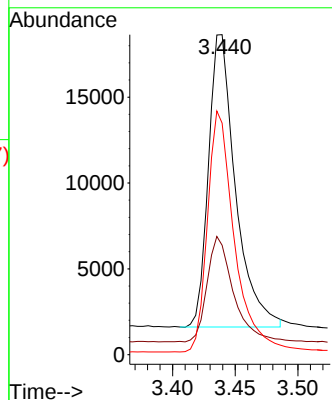
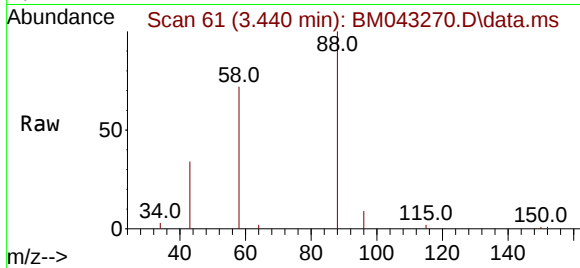




#2
1,4-Dioxane
Concen: 1.437 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

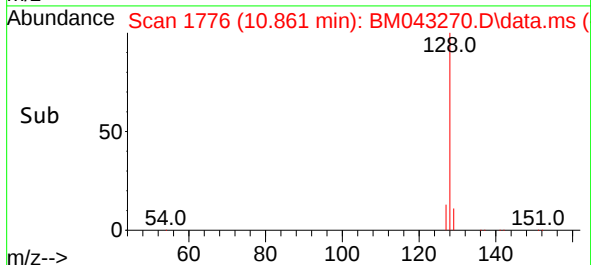
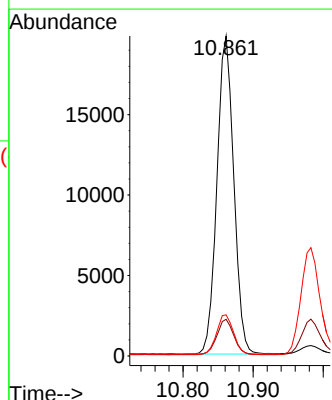
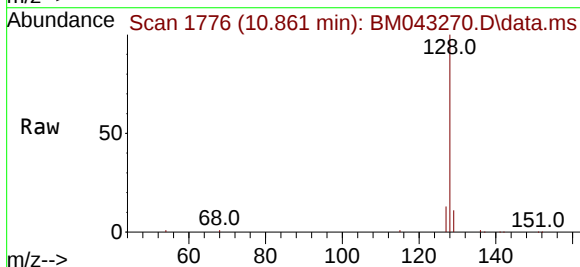
Instrument :
BNA_M
ClientSampleId :
SLCS651

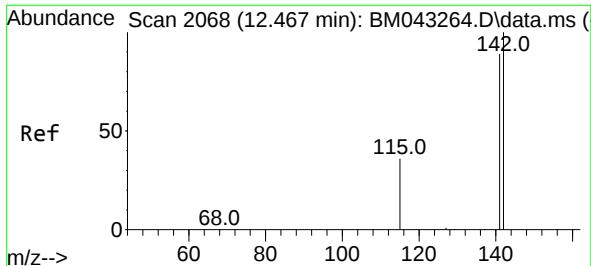
Tgt Ion: 88 Resp: 25506
Ion Ratio Lower Upper
88 100
43 34.2 27.9 41.9
58 72.3 43.4 65.2#



#5
Naphthalene
Concen: 0.246 ng/ul
RT: 10.861 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

Tgt Ion: 128 Resp: 32895
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 12.8 10.3 15.5

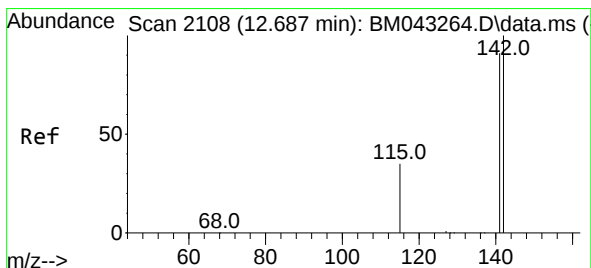
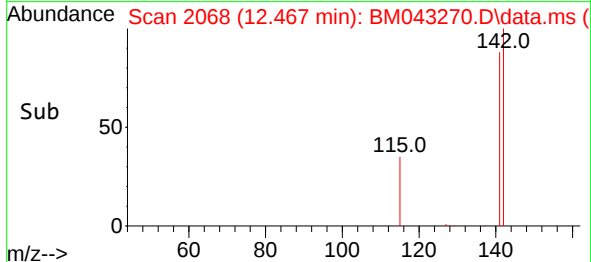
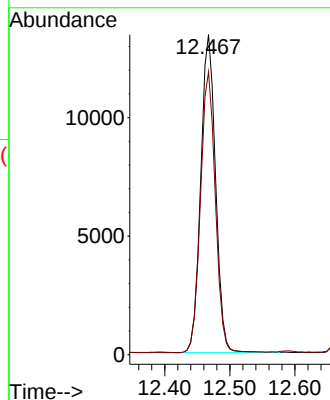
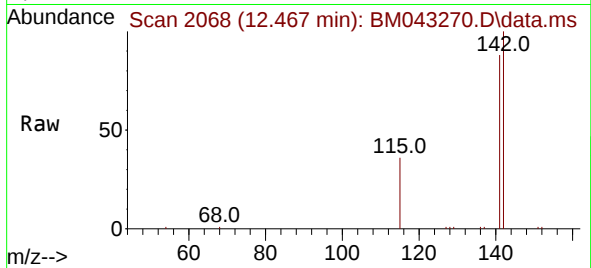




#7
2-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

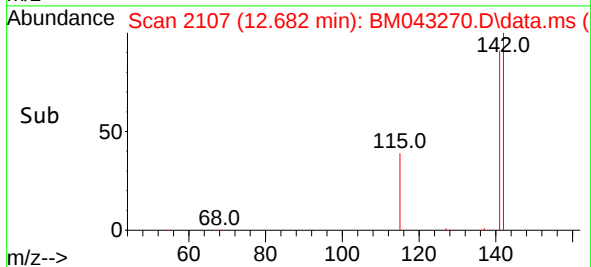
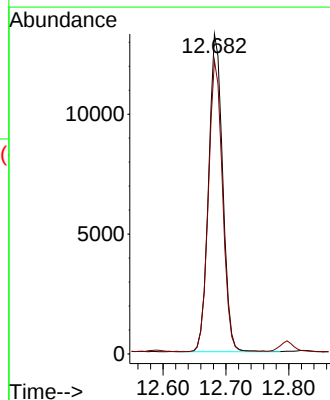
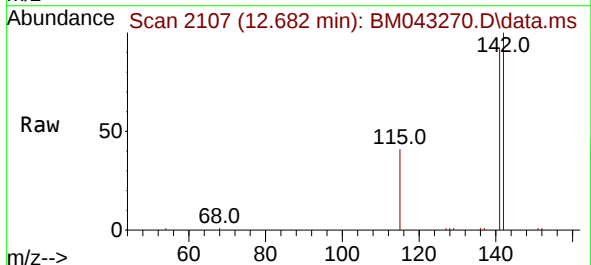
Instrument :
BNA_M
ClientSampleId :
SLCS651

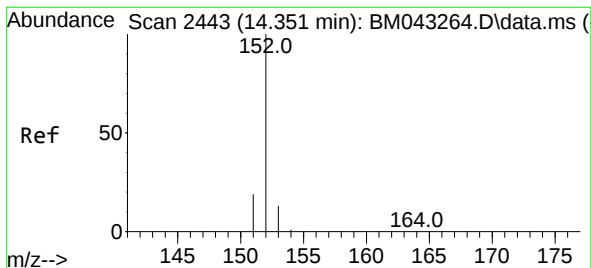
Tgt Ion:142 Resp: 21134
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

Tgt Ion:142 Resp: 20588
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5





#10

Acenaphthylene

Concen: 0.235 ng/ul

RT: 14.351 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BM043270.D

Acq: 12 Dec 2023 18:59

Instrument :

BNA_M

ClientSampleId :

SLCS651

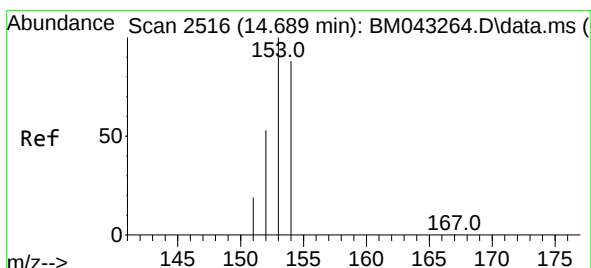
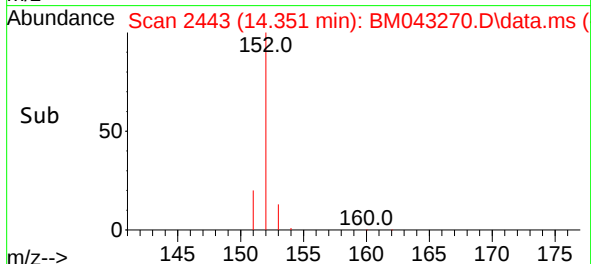
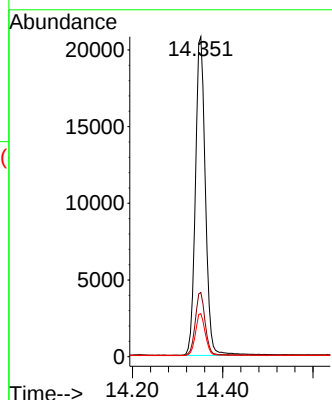
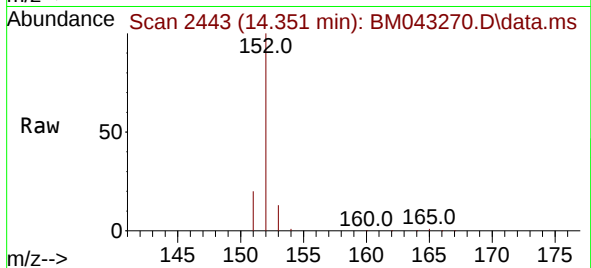
Tgt Ion:152 Resp: 32121

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.5 10.4 15.6



#11

Acenaphthene

Concen: 0.243 ng/ul

RT: 14.689 min Scan# 2516

Delta R.T. -0.005 min

Lab File: BM043270.D

Acq: 12 Dec 2023 18:59

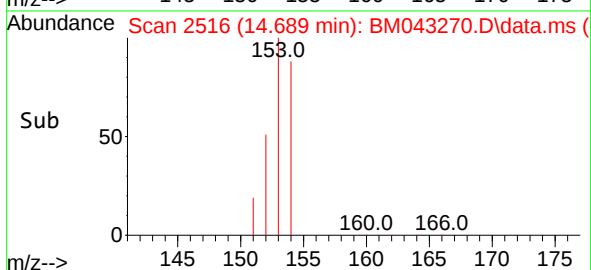
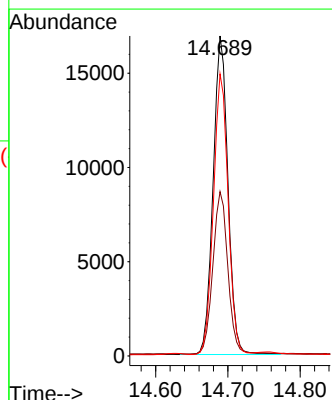
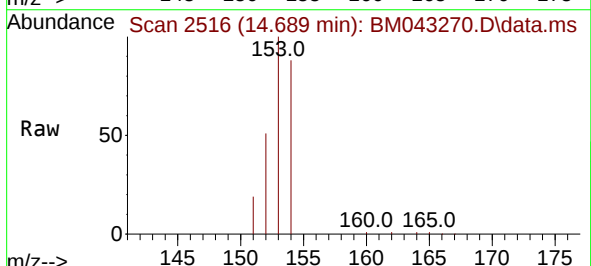
Tgt Ion:153 Resp: 24095

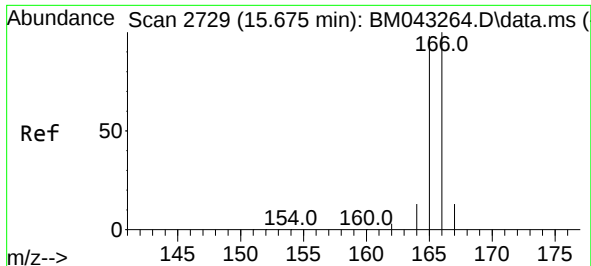
Ion Ratio Lower Upper

153 100

152 51.3 42.1 63.1

154 88.2 71.3 106.9

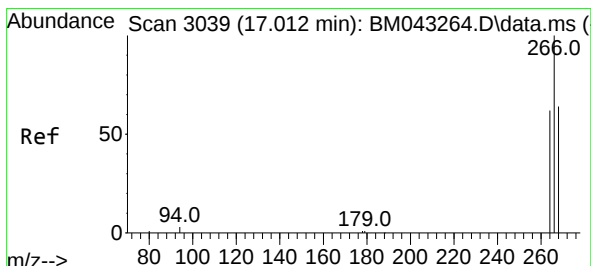
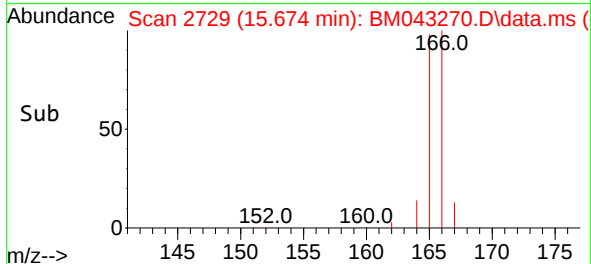
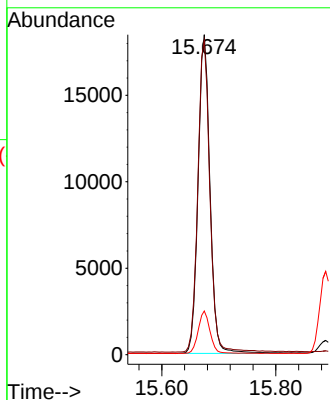
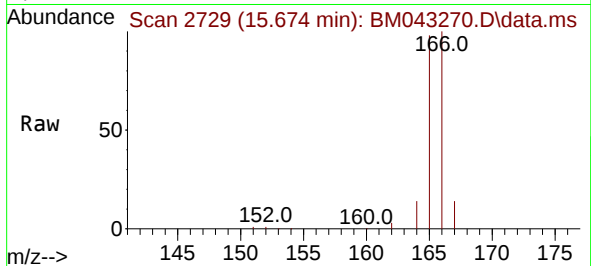




#12
Fluorene
Concen: 0.236 ng/ul
RT: 15.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

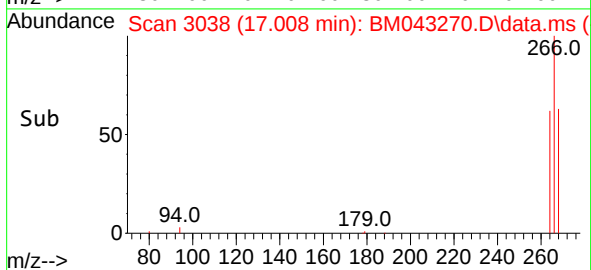
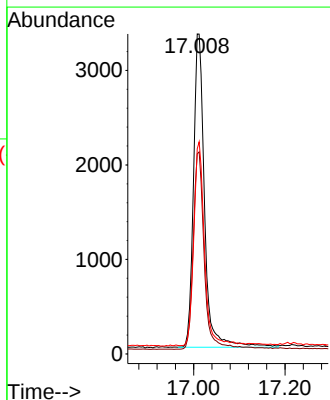
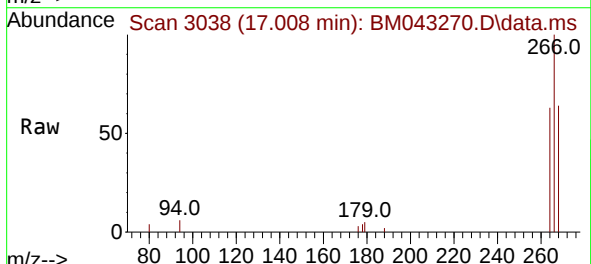
Instrument :
BNA_M
ClientSampleId :
SLCS651

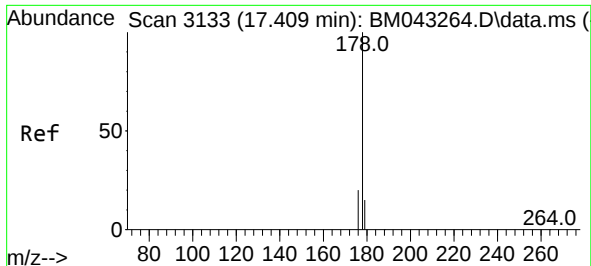
Tgt Ion:166 Resp: 26580
Ion Ratio Lower Upper
166 100
165 98.2 80.3 120.5
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.505 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. -0.004 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

Tgt Ion:266 Resp: 5601
Ion Ratio Lower Upper
266 100
264 63.3 51.7 77.5
268 63.9 51.9 77.9

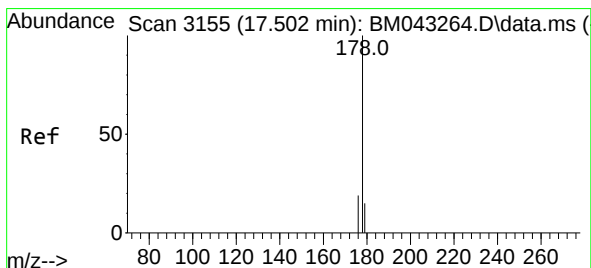
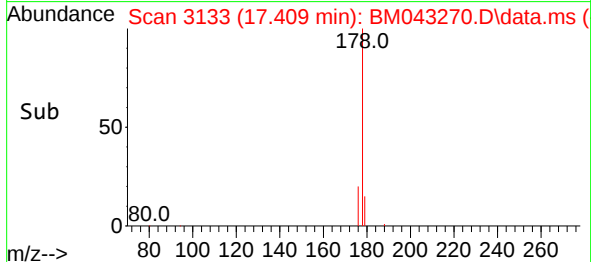
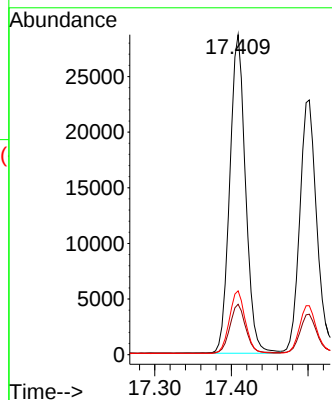
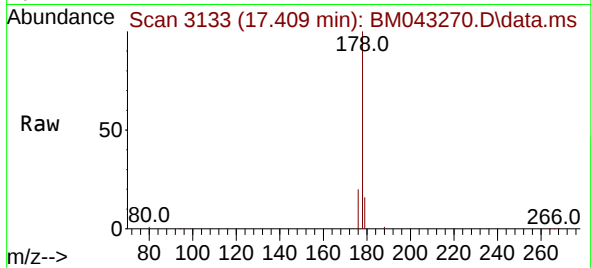




#15
Phenanthrene
Concen: 0.245 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

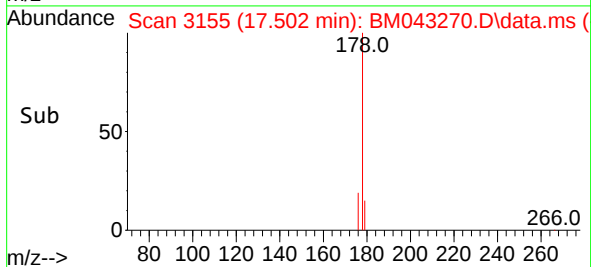
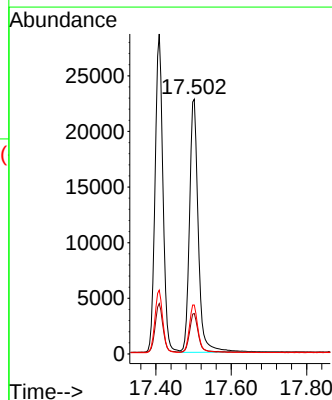
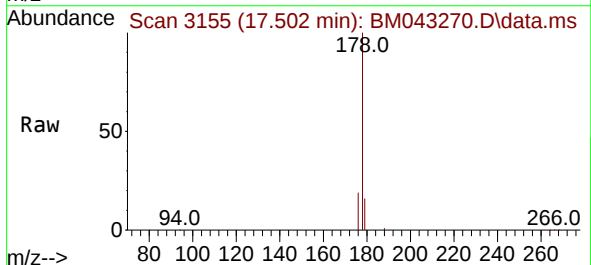
Instrument :
BNA_M
ClientSampleId :
SLCS651

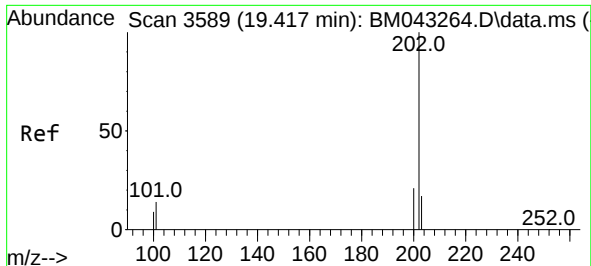
Tgt Ion:178 Resp: 40930
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 20.0 16.2 24.2



#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

Tgt Ion:178 Resp: 36689
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.2 15.6 23.4

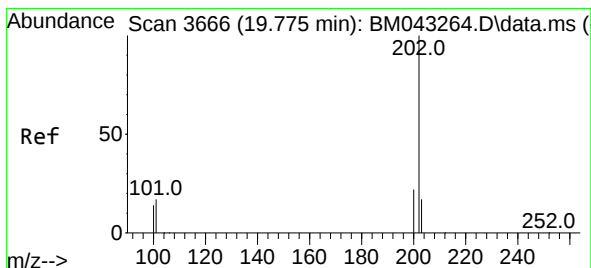
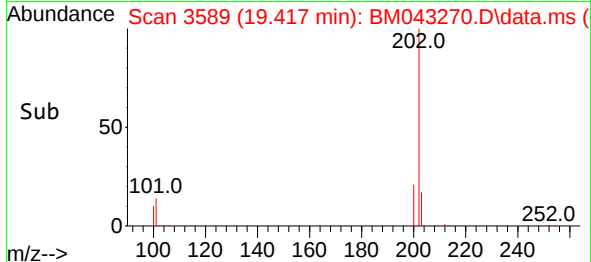
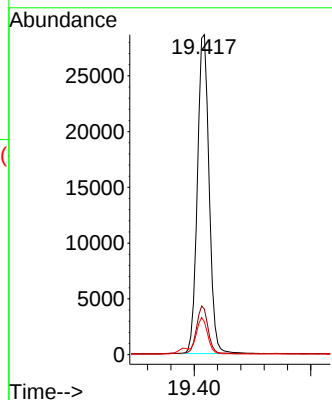
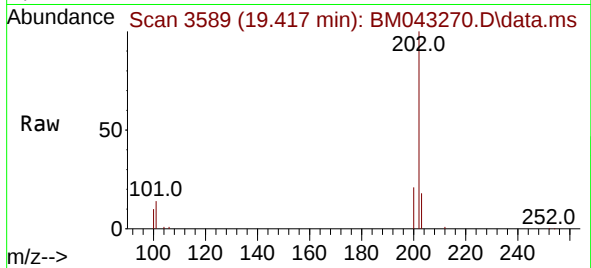




#19
Fluoranthene
Concen: 0.253 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

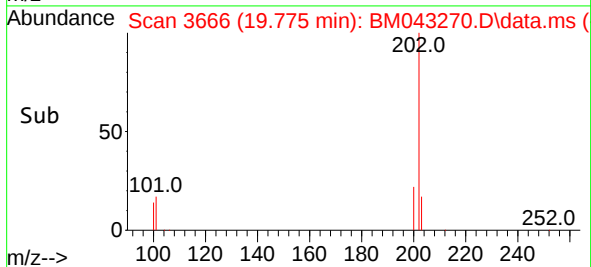
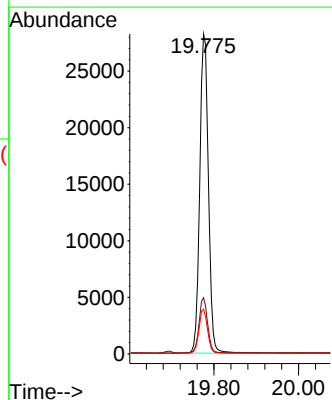
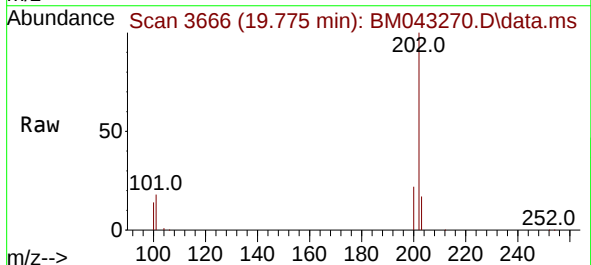
Instrument :
BNA_M
ClientSampleId :
SLCS651

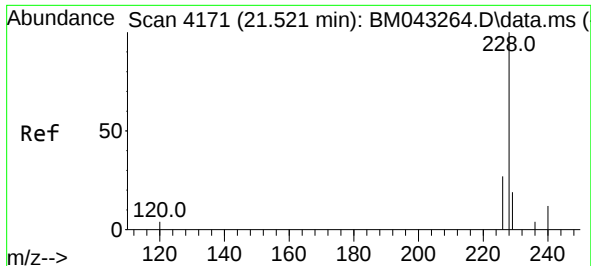
Tgt Ion:202 Resp: 39908
Ion Ratio Lower Upper
202 100
101 14.2 10.1 15.1
100 10.3 7.4 11.2



#20
Pyrene
Concen: 0.256 ng/ul
RT: 19.775 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

Tgt Ion:202 Resp: 40021
Ion Ratio Lower Upper
202 100
101 17.6 12.7 19.1
100 14.0 9.8 14.8

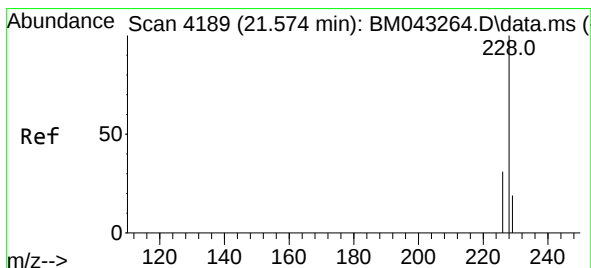
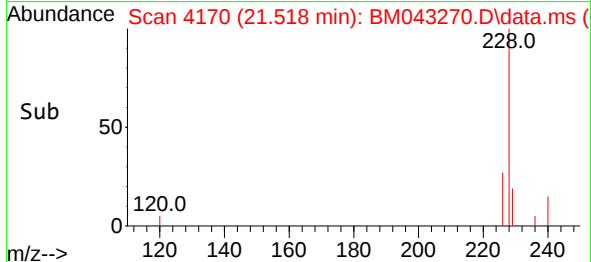
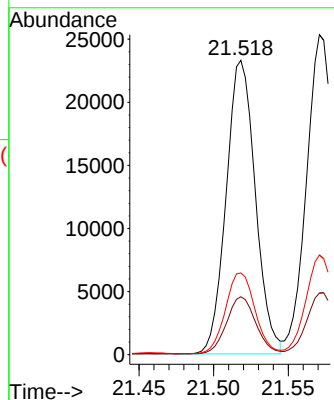
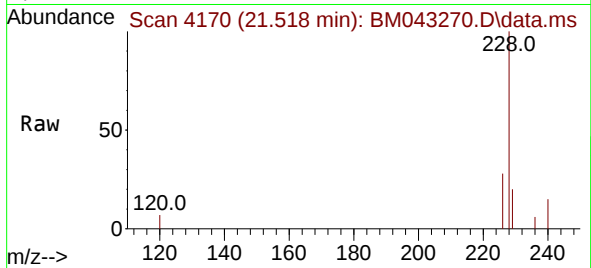




#21
Benzo(a)anthracene
Concen: 0.258 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

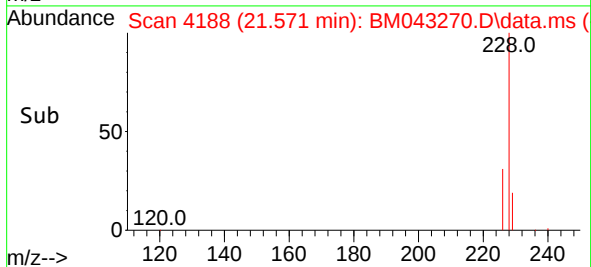
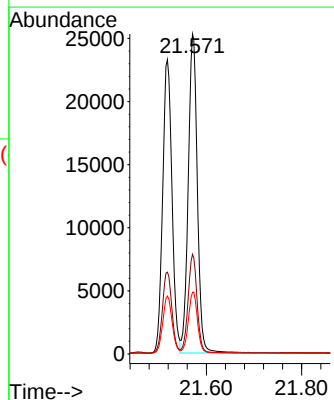
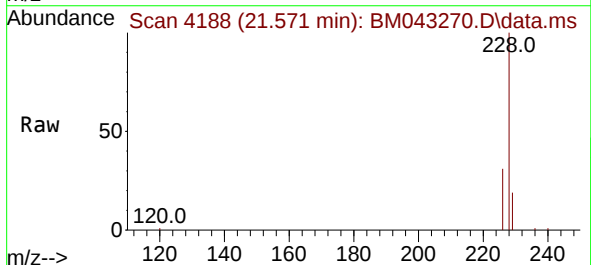
Instrument :
BNA_M
ClientSampleId :
SLCS651

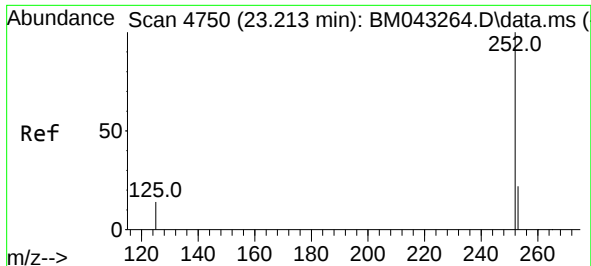
Tgt Ion:228 Resp: 31656
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 27.8 22.6 34.0



#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

Tgt Ion:228 Resp: 33530
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 19.2 15.7 23.5

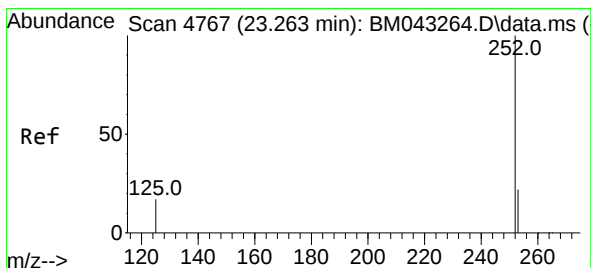
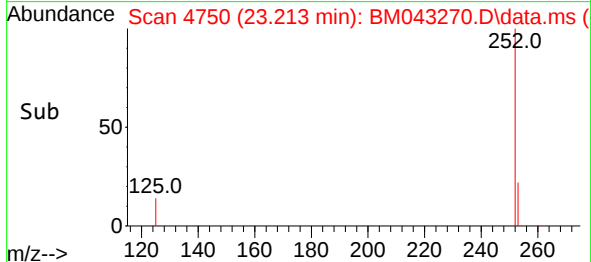
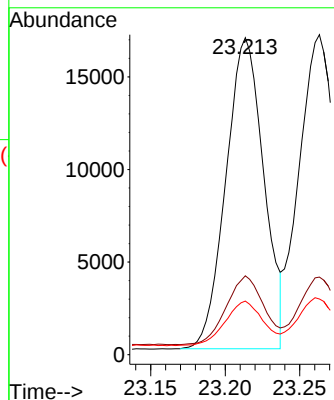
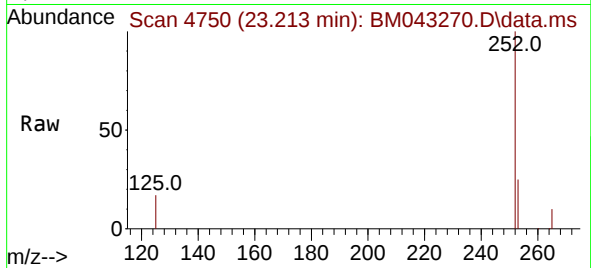




#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

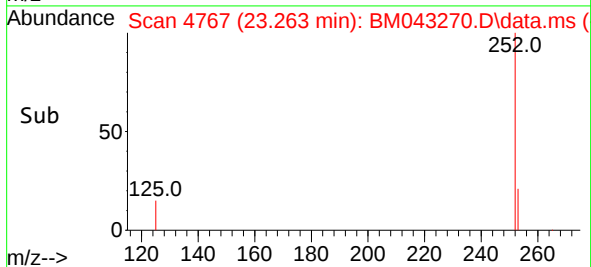
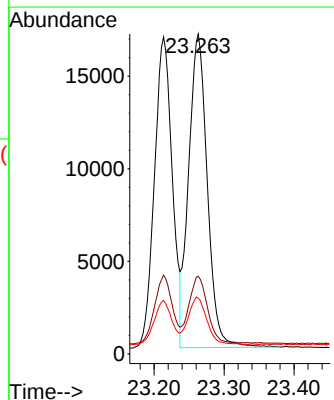
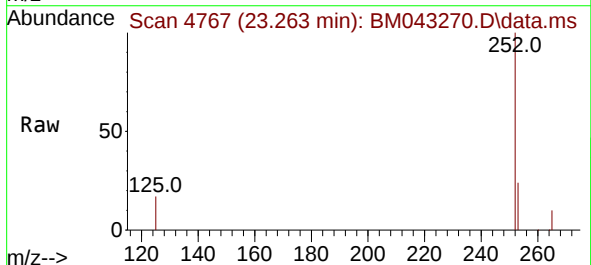
Instrument :
BNA_M
ClientSampleId :
SLCS651

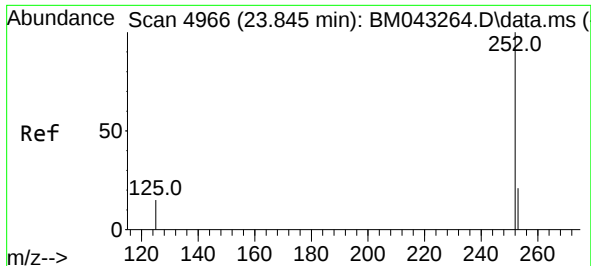
Tgt Ion:252 Resp: 29670
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.8
125 16.9 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.262 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

Tgt Ion:252 Resp: 31330
Ion Ratio Lower Upper
252 100
253 24.2 18.6 28.0
125 17.4 11.8 17.8

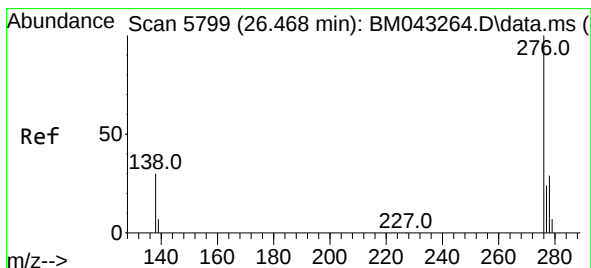
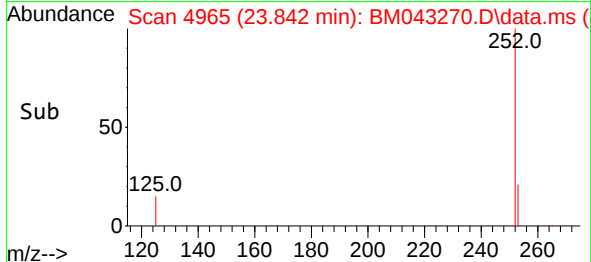
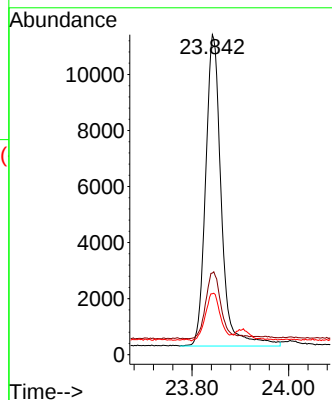
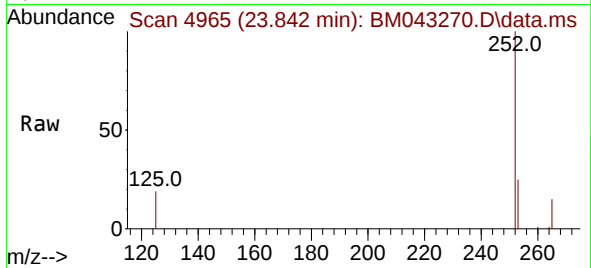




#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.003 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

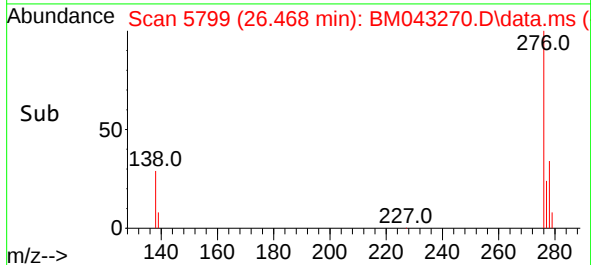
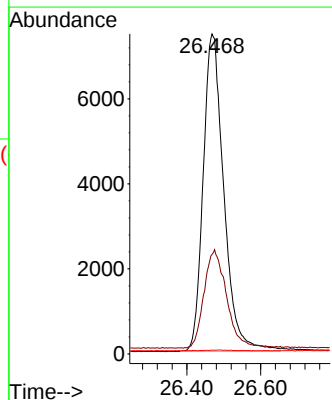
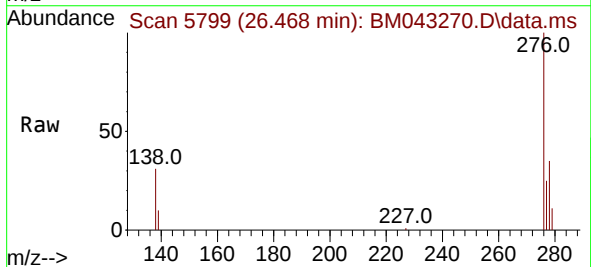
Instrument :
BNA_M
ClientSampleId :
SLCS651

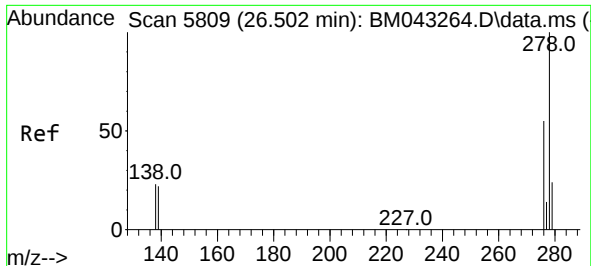
Tgt Ion:	252	Resp:	25032
Ion Ratio	Lower	Upper	
252	100		
253	25.5	20.2	30.2
125	19.0	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. -0.003 min
Lab File: BM043270.D
Acq: 12 Dec 2023 18:59

Tgt Ion:	276	Resp:	28995
Ion Ratio	Lower	Upper	
276	100		
138	34.0	24.6	36.8
227	0.0	0.0	0.0

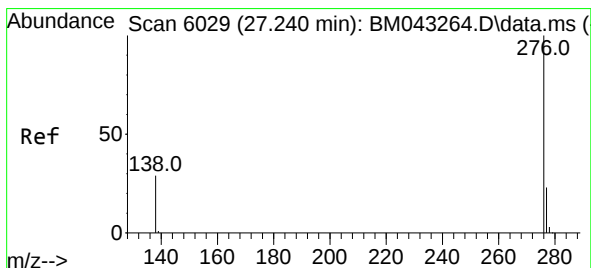
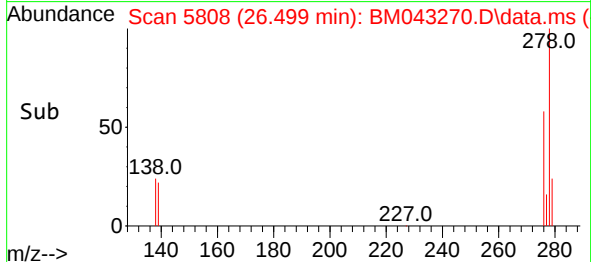
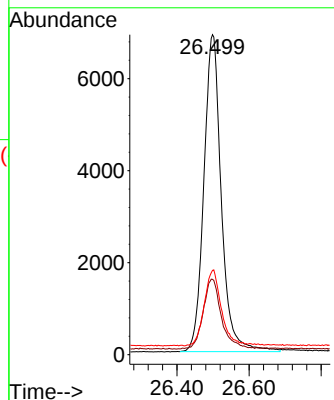
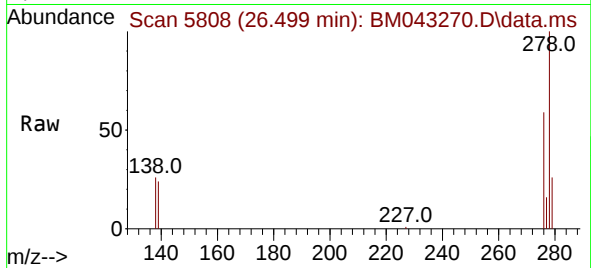




#28
 Dibenzo(a,h)anthracene
 Concen: 0.271 ng/ul
 RT: 26.499 min Scan# 5809
 Delta R.T. -0.003 min
 Lab File: BM043270.D
 Acq: 12 Dec 2023 18:59

Instrument :
 BNA_M
 ClientSampleId :
 SLCS651

Tgt Ion:278 Resp: 23246
 Ion Ratio Lower Upper
 278 100
 139 23.5 17.4 26.2
 279 26.3 20.9 31.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.266 ng/ul
 RT: 27.236 min Scan# 6028
 Delta R.T. -0.003 min
 Lab File: BM043270.D
 Acq: 12 Dec 2023 18:59

Tgt Ion:276 Resp: 24650
 Ion Ratio Lower Upper
 276 100
 138 30.0 23.1 34.7
 277 24.1 19.4 29.0

