

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011124\
 Data File : BM043819.D
 Acq On : 11 Jan 2024 12:12
 Operator : MA/JU
 Sample : PB158247BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS247

Quant Time: Jan 11 12:45:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 10 15:40:11 2024
 Response via : Initial Calibration

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

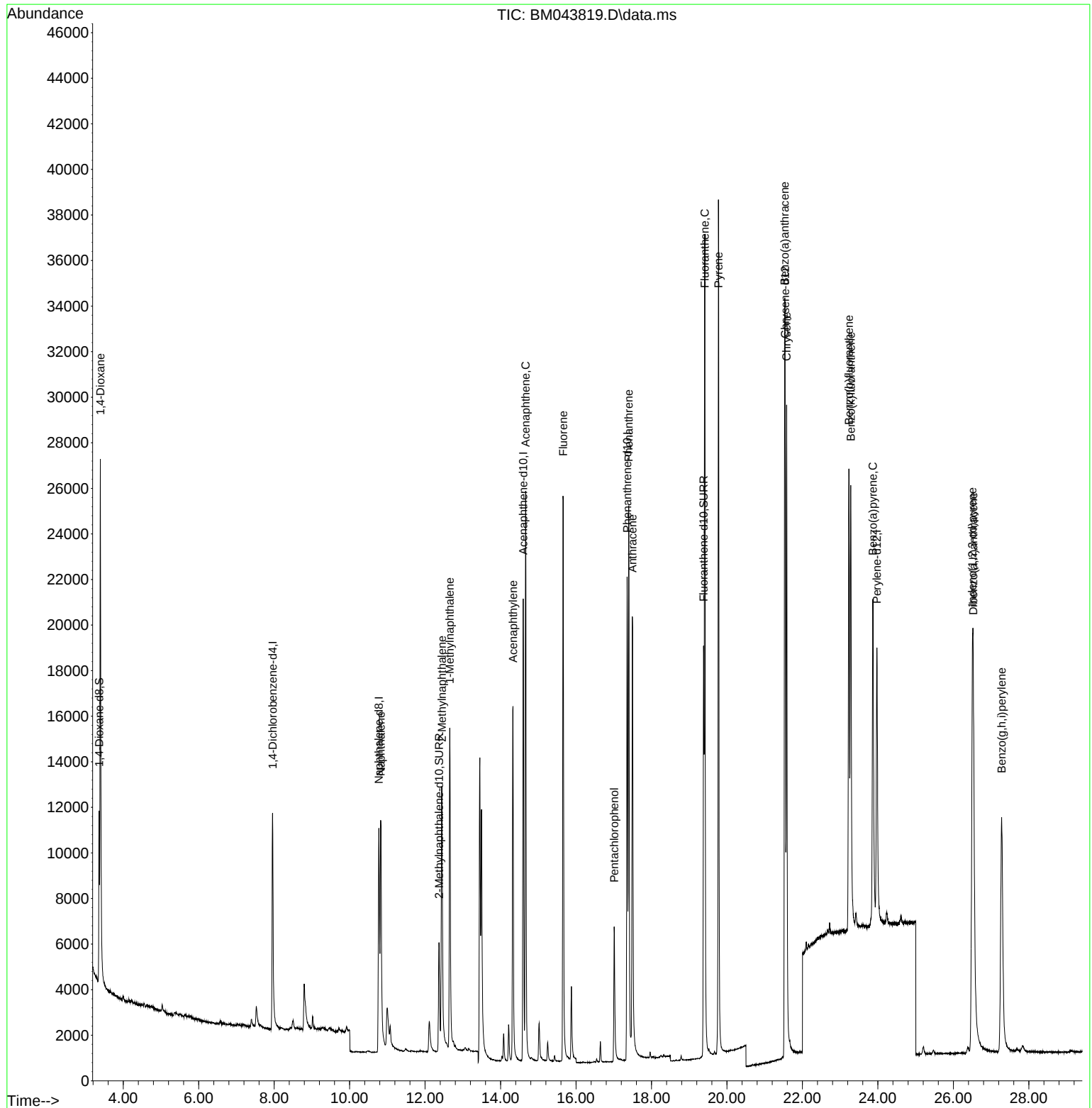
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	6546	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	19553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	12422	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	27888	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	18904	0.400	ng/ul	0.00
23) Perylene-d12	23.974	264	20292	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	5030	0.635	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	9410	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	21951	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	15960	1.896	ng/ul#	85
5) Naphthalene	10.823	128	18577	0.331	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	12412	0.336	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	12372	0.330	ng/ul	100
10) Acenaphthylene	14.328	152	21882	0.329	ng/ul	100
11) Acenaphthene	14.666	153	16173	0.334	ng/ul	100
12) Fluorene	15.661	166	18625	0.336	ng/ul	98
14) Pentachlorophenol	17.012	266	5489	0.621	ng/ul	98
15) Phenanthrene	17.396	178	29989	0.339	ng/ul	99
16) Anthracene	17.493	178	28389	0.337	ng/ul	99
19) Fluoranthene	19.413	202	34333	0.367	ng/ul	100
20) Pyrene	19.775	202	35494	0.364	ng/ul	99
21) Benzo(a)anthracene	21.530	228	28352	0.346	ng/ul	100
22) Chrysene	21.583	228	31137	0.352	ng/ul	99
24) Benzo(b)fluoranthene	23.231	252	29451	0.356	ng/ul	97
25) Benzo(k)fluoranthene	23.281	252	31669	0.347	ng/ul	95
26) Benzo(a)pyrene	23.868	252	27220	0.351	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.505	276	34178	0.349	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.528	278	26343	0.347	ng/ul	97
29) Benzo(g,h,i)perylene	27.280	276	28735	0.351	ng/ul	99

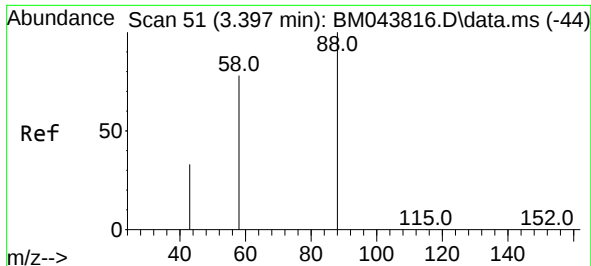
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 11 12:45:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration

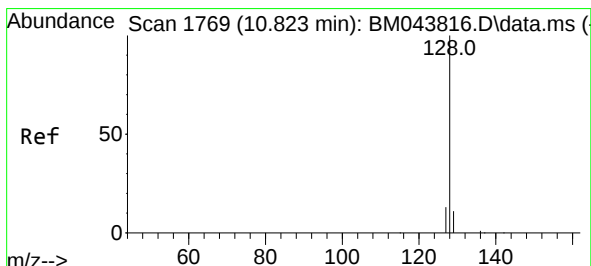
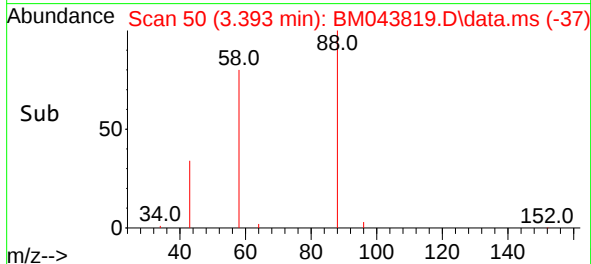
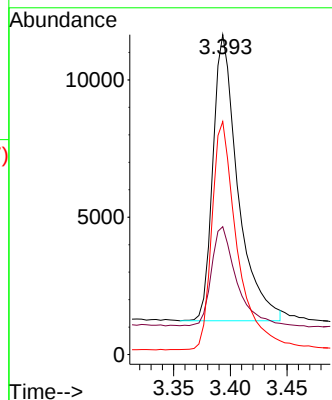
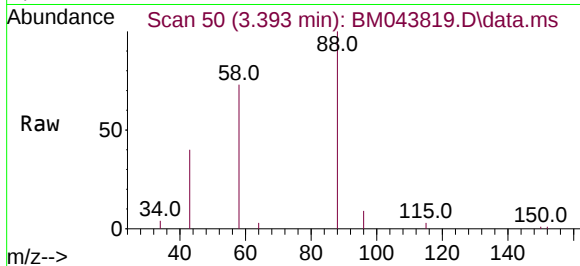




#2
1,4-Dioxane
Concen: 1.896 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

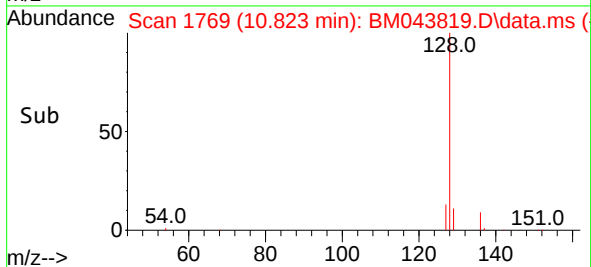
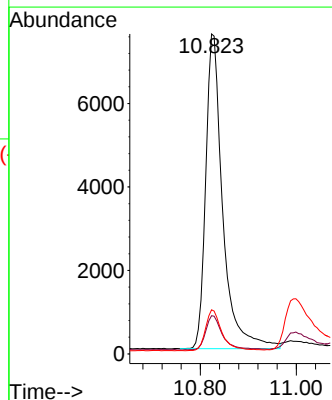
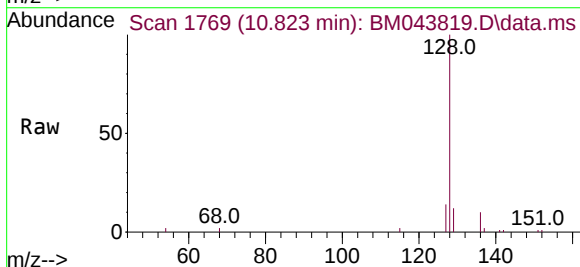
Instrument :
BNA_M
ClientSampleId :
SLCS247

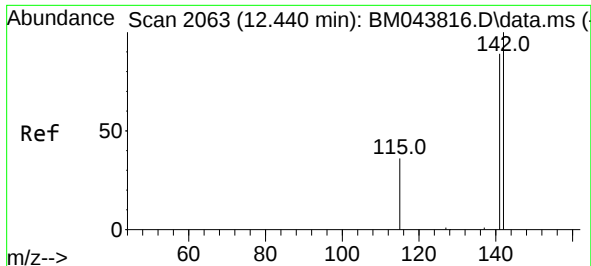
Tgt Ion: 88 Resp: 15960
Ion Ratio Lower Upper
88 100
43 40.0 42.1 63.1#
58 72.8 50.2 75.2



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

Tgt Ion:128 Resp: 18577
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.8 10.6 15.8

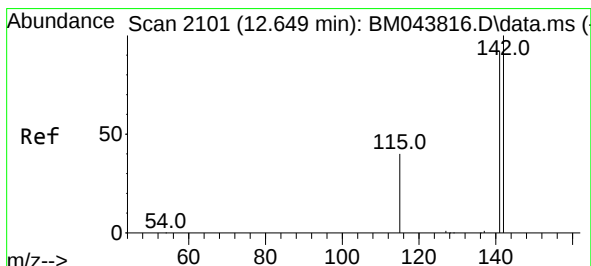
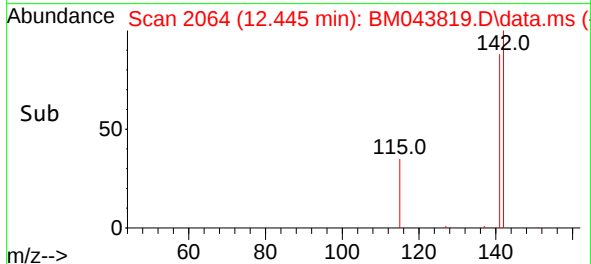
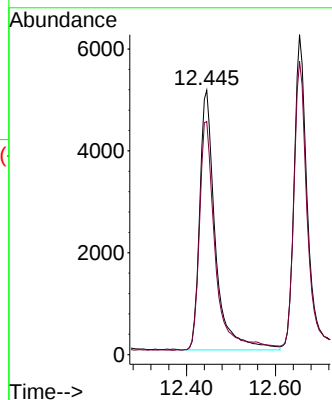
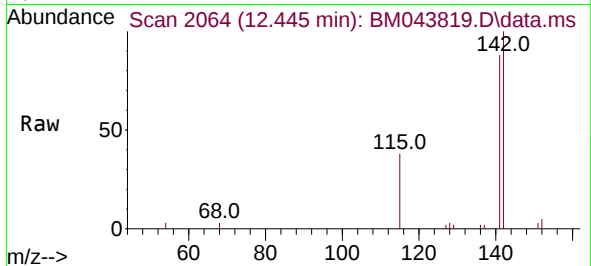




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.006 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

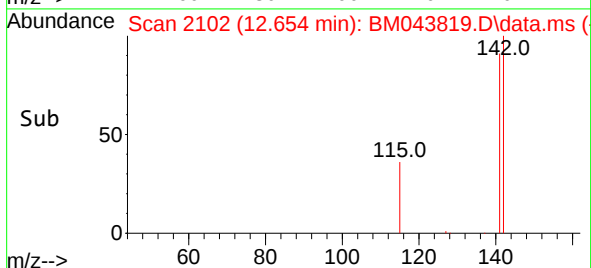
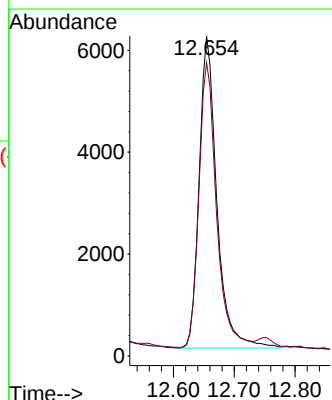
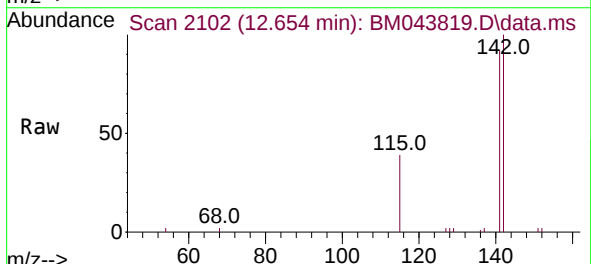
Instrument :
BNA_M
ClientSampleId :
SLCS247

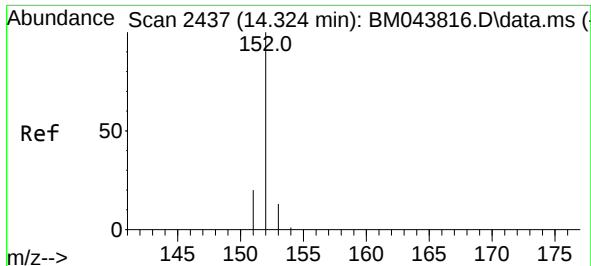
Tgt Ion:142 Resp: 12412
Ion Ratio Lower Upper
142 100
141 90.8 72.7 109.1



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

Tgt Ion:142 Resp: 12372
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6

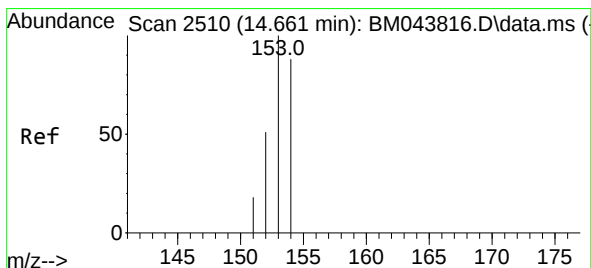
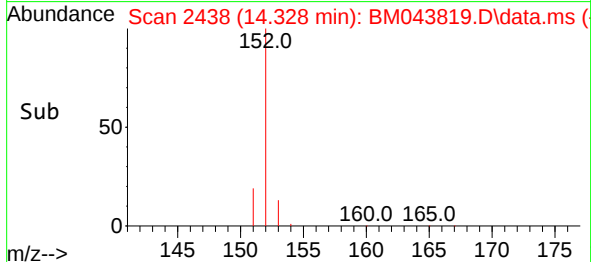
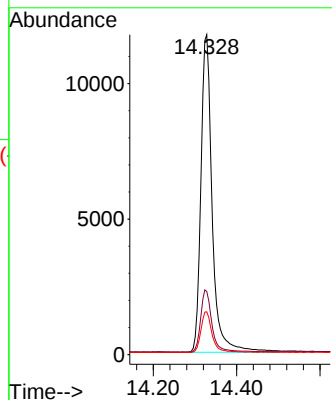
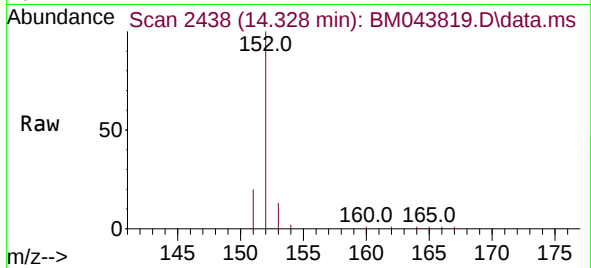




#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 14.328 min Scan# 2437
Delta R.T. 0.005 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

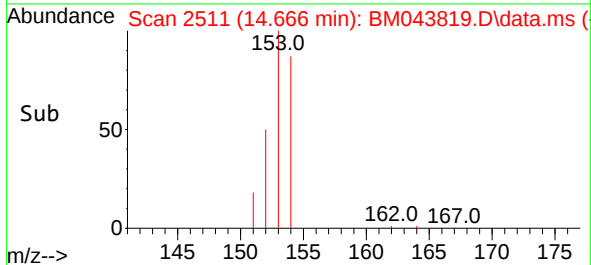
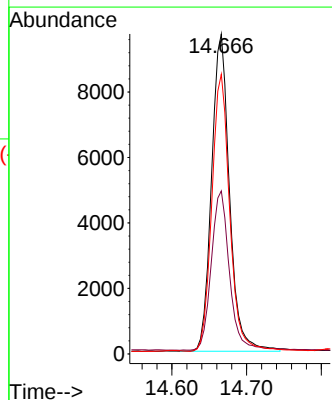
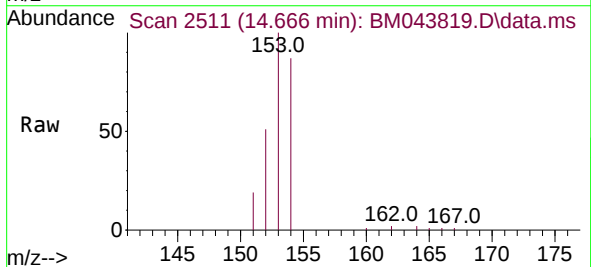
Instrument :
BNA_M
ClientSampleId :
SLCS247

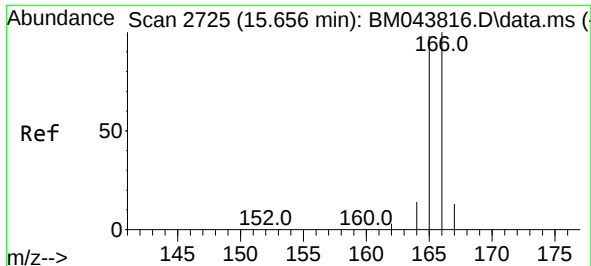
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.4	10.6	16.0



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.005 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.9	40.6	61.0
154	87.4	69.4	104.2

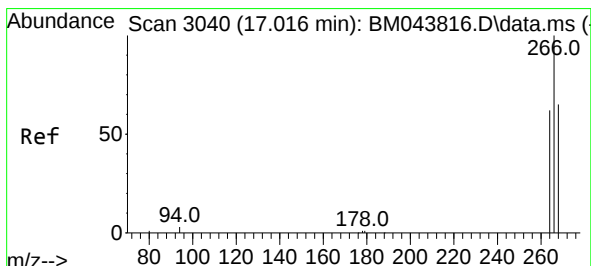
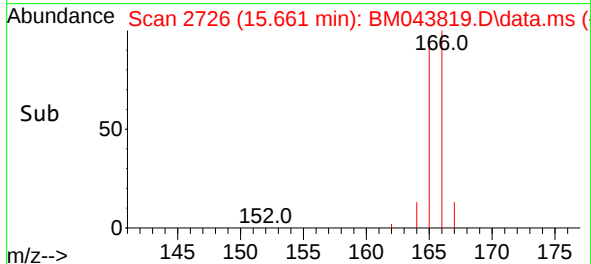
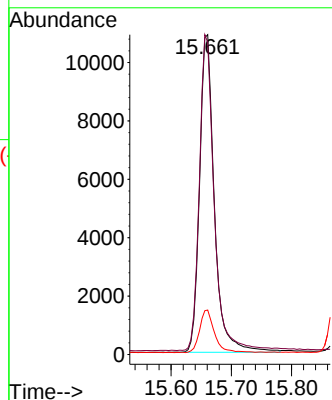
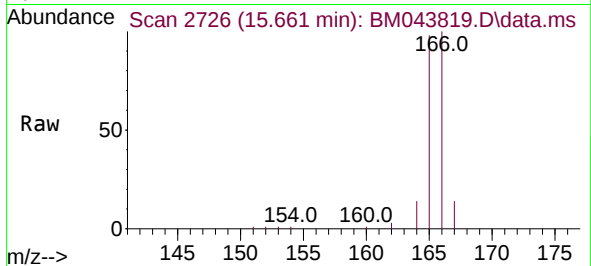




#12
 Fluorene
 Concen: 0.336 ng/ul
 RT: 15.661 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM043819.D
 Acq: 11 Jan 2024 12:12

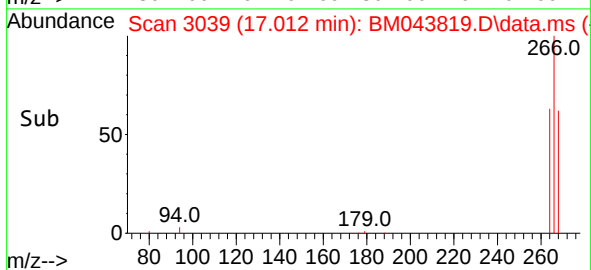
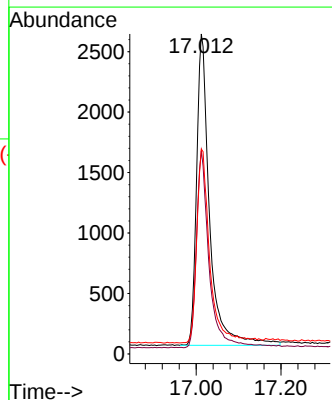
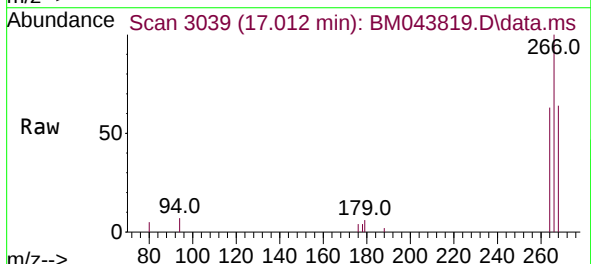
Instrument :
 BNA_M
 ClientSampleId :
 SLCS247

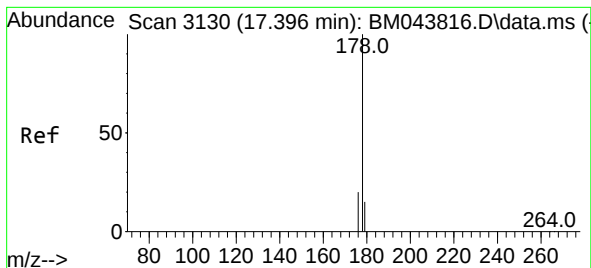
Tgt Ion:166 Resp: 18625
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.4 119.2
 167 13.9 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.621 ng/ul
 RT: 17.012 min Scan# 3039
 Delta R.T. -0.004 min
 Lab File: BM043819.D
 Acq: 11 Jan 2024 12:12

Tgt Ion:266 Resp: 5489
 Ion Ratio Lower Upper
 266 100
 264 61.9 50.4 75.6
 268 62.9 52.2 78.2





#15

Phenanthrene

Concen: 0.339 ng/ul

RT: 17.396 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BM043819.D

Acq: 11 Jan 2024 12:12

Instrument :

BNA_M

ClientSampleId :

SLCS247

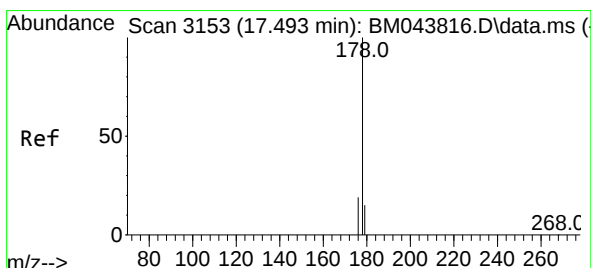
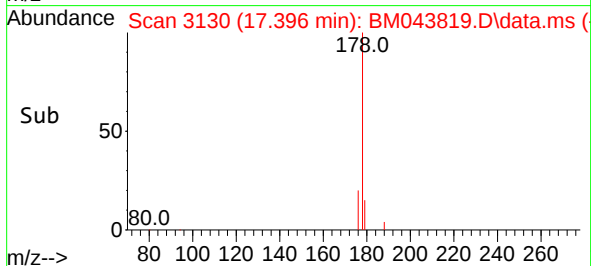
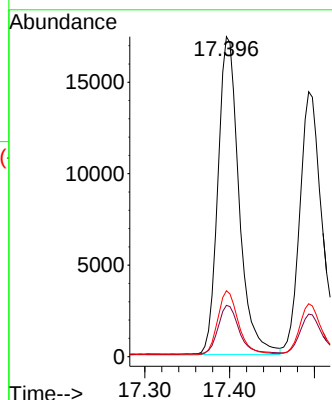
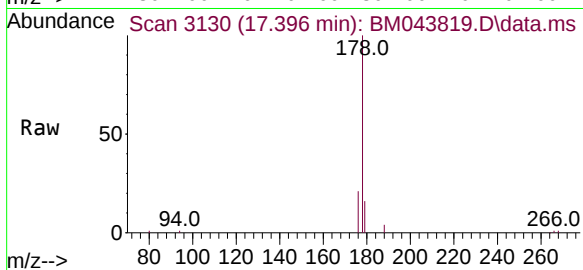
Tgt Ion:178 Resp: 29989

Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 20.6 15.9 23.9



#16

Anthracene

Concen: 0.337 ng/ul

RT: 17.493 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BM043819.D

Acq: 11 Jan 2024 12:12

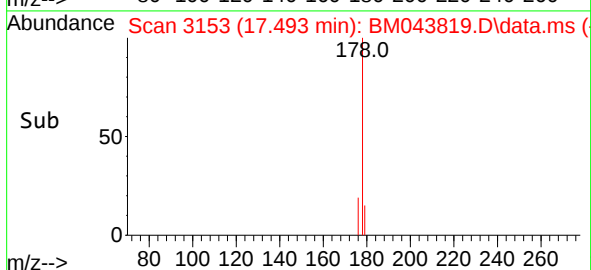
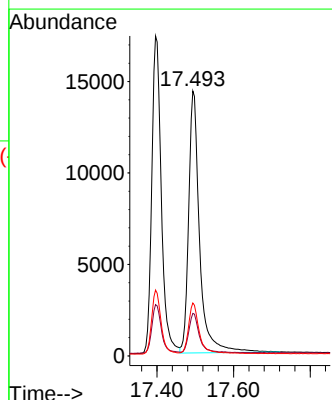
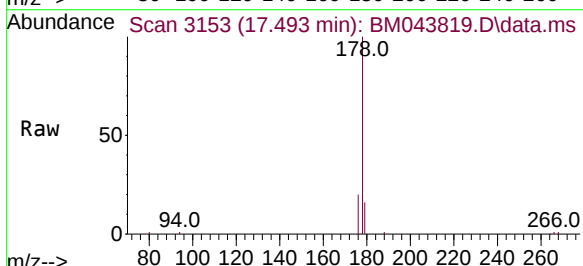
Tgt Ion:178 Resp: 28389

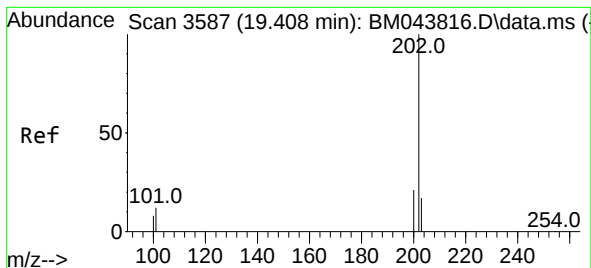
Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 19.9 15.6 23.4





#19

Fluoranthene

Concen: 0.367 ng/ul

RT: 19.413 min Scan# 3588

Delta R.T. 0.000 min

Lab File: BM043819.D

Acq: 11 Jan 2024 12:12

Instrument :

BNA_M

ClientSampleId :

SLCS247

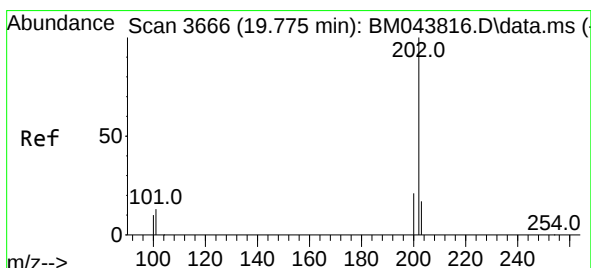
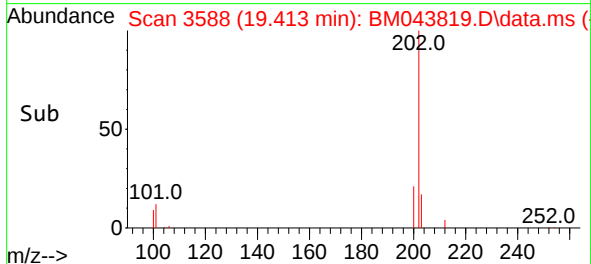
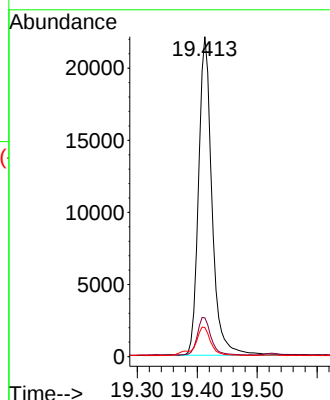
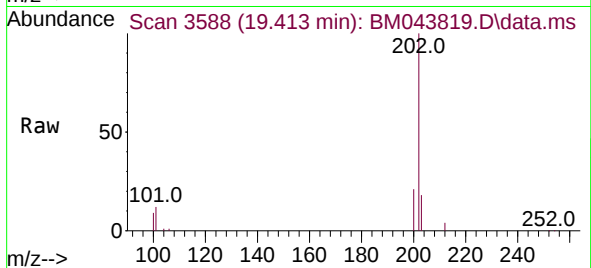
Tgt Ion:202 Resp: 34333

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

100 9.1 7.1 10.7



#20

Pyrene

Concen: 0.364 ng/ul

RT: 19.775 min Scan# 3666

Delta R.T. 0.000 min

Lab File: BM043819.D

Acq: 11 Jan 2024 12:12

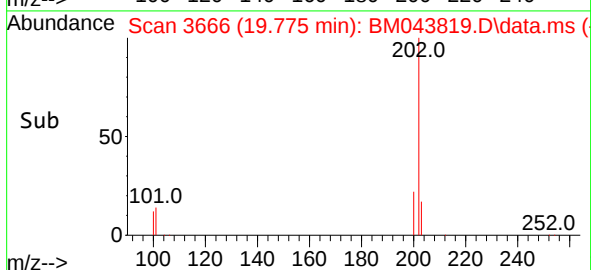
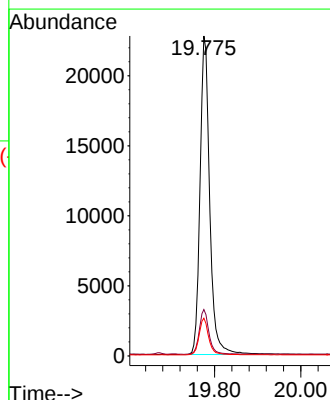
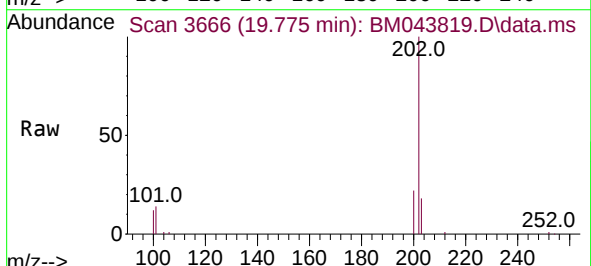
Tgt Ion:202 Resp: 35494

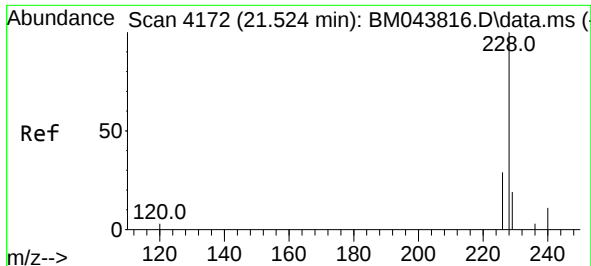
Ion Ratio Lower Upper

202 100

101 14.5 11.3 16.9

100 11.8 9.0 13.6

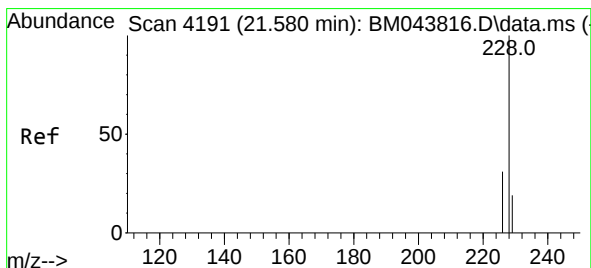
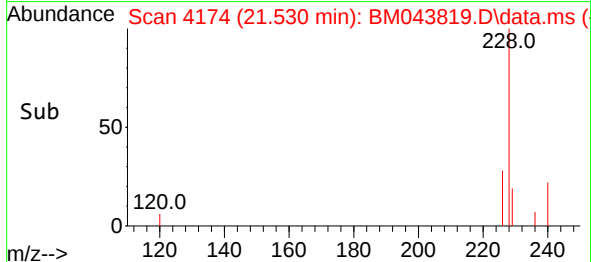
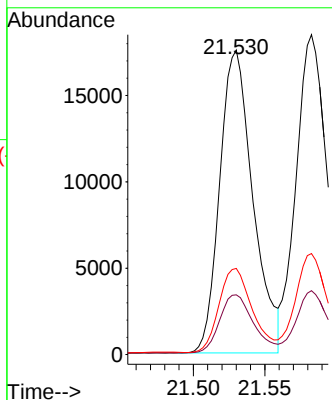
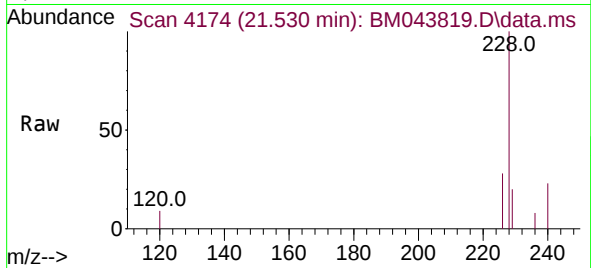




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. 0.000 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

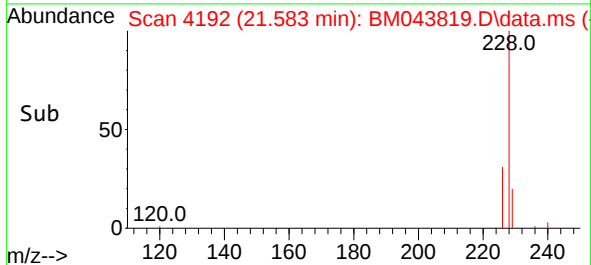
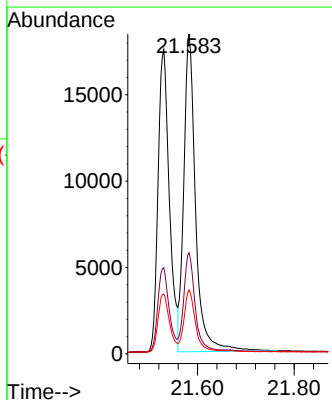
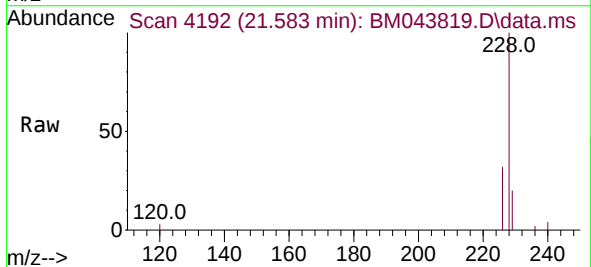
Instrument :
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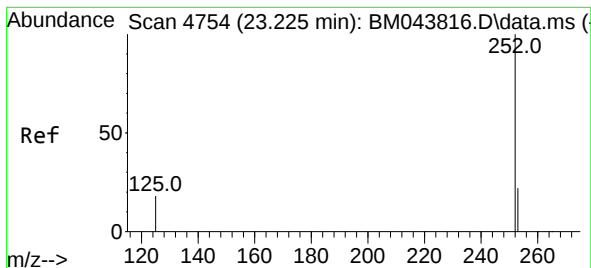
Tgt Ion:228 Resp: 28352
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

Tgt Ion:228 Resp: 31137
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 20.0 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.356 ng/ul

RT: 23.231 min Scan# 4756

Delta R.T. 0.000 min

Lab File: BM043819.D

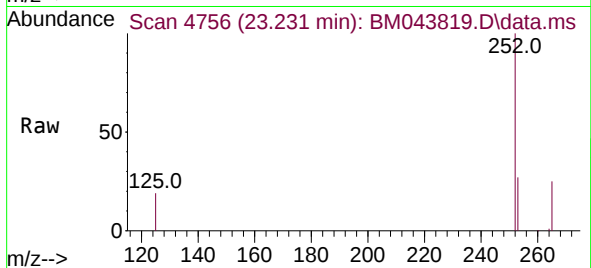
Acq: 11 Jan 2024 12:12

Instrument :

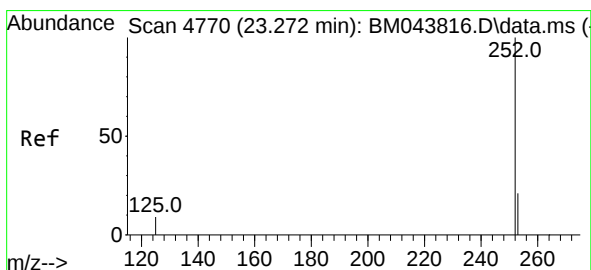
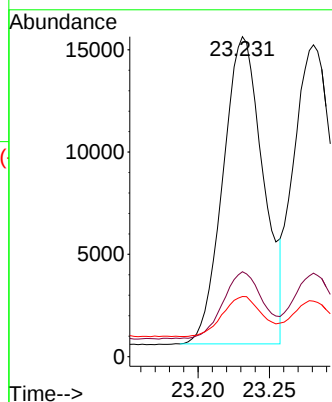
BNA_M

ClientSampleId :

SLCS247



Tgt Ion:252	Resp:	29451
Ion Ratio	Lower	Upper
252	100	
253	26.5	0.0 49.8
125	18.8	0.0 40.4



#25

Benzo(k)fluoranthene

Concen: 0.347 ng/ul

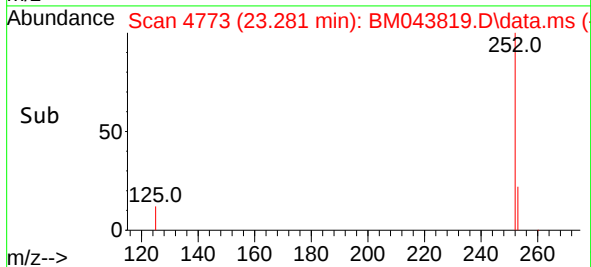
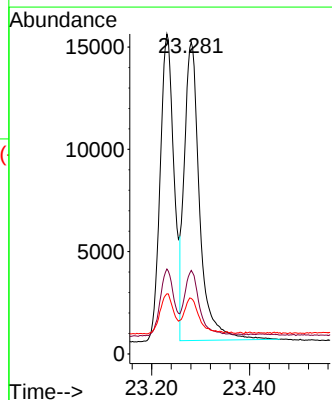
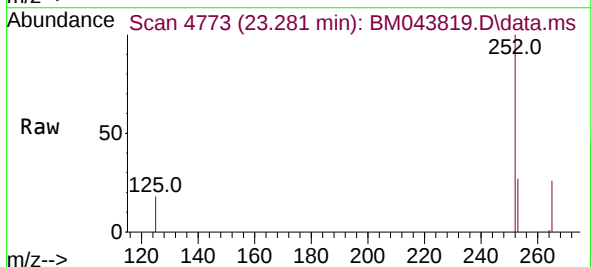
RT: 23.281 min Scan# 4773

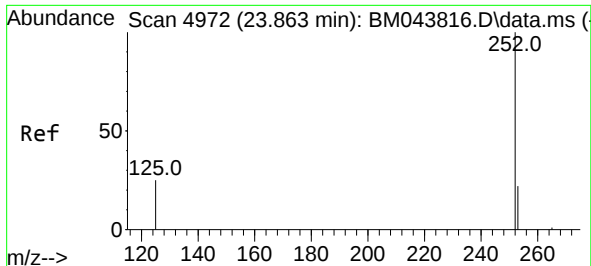
Delta R.T. 0.003 min

Lab File: BM043819.D

Acq: 11 Jan 2024 12:12

Tgt Ion:252	Resp:	31669
Ion Ratio	Lower	Upper
252	100	
253	26.8	19.9 29.9
125	17.8	12.1 18.1

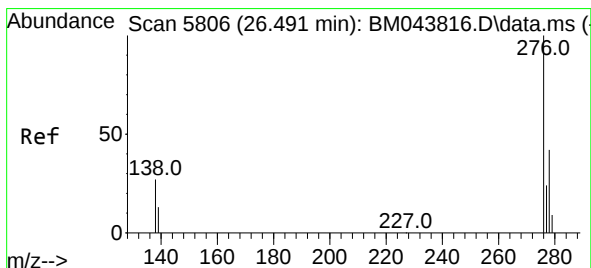
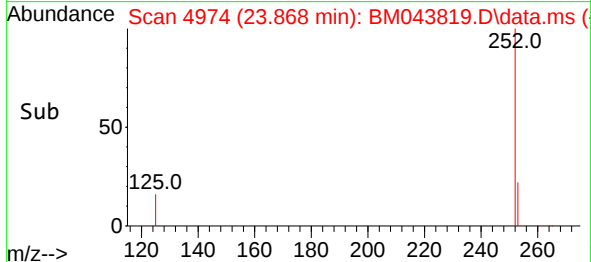
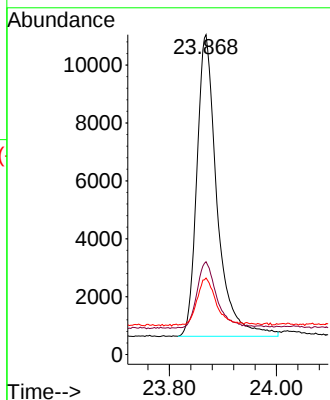
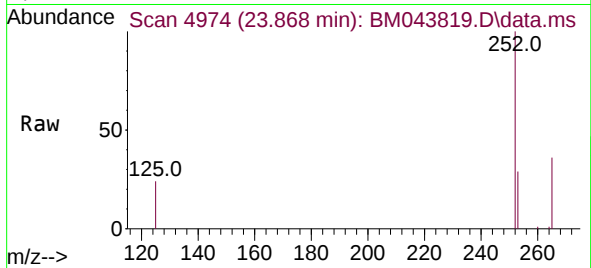




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.868 min Scan# 4972
Delta R.T. 0.003 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

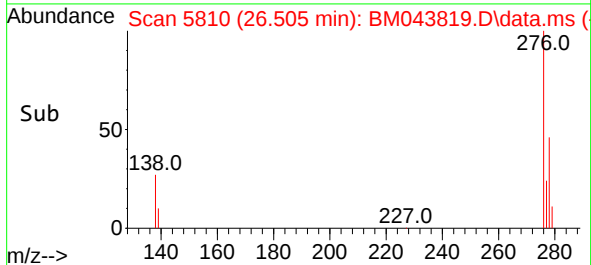
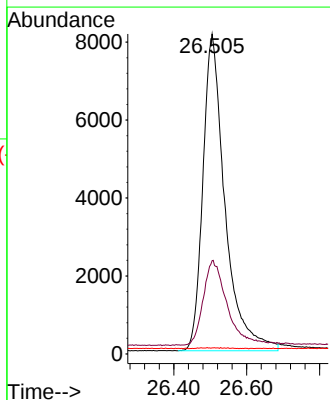
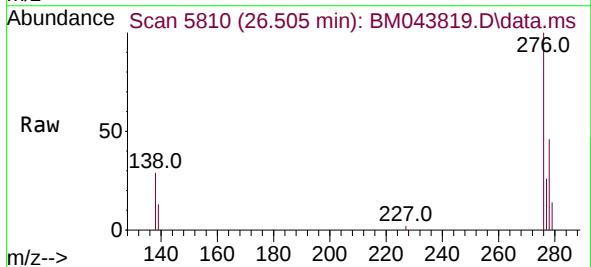
Instrument :
BNA_M
ClientSampleId :
SLCS247

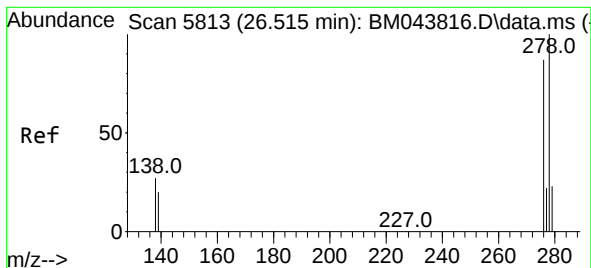
Tgt Ion:	252	Resp:	27220
Ion Ratio	Lower	Upper	
252	100		
253	29.0	20.8	31.2
125	23.9	20.2	30.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.505 min Scan# 5810
Delta R.T. 0.003 min
Lab File: BM043819.D
Acq: 11 Jan 2024 12:12

Tgt Ion:	276	Resp:	34178
Ion Ratio	Lower	Upper	
276	100		
138	28.5	23.5	35.3
227	0.1	0.2	0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.347 ng/ul

RT: 26.528 min Scan# 5813

Delta R.T. 0.003 min

Lab File: BM043819.D

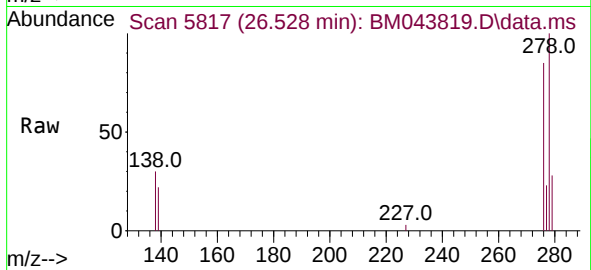
Acq: 11 Jan 2024 12:12

Instrument :

BNA_M

ClientSampleId :

SLCS247



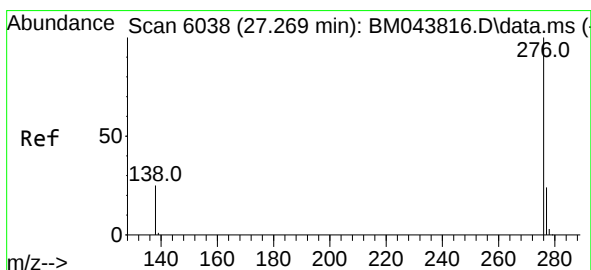
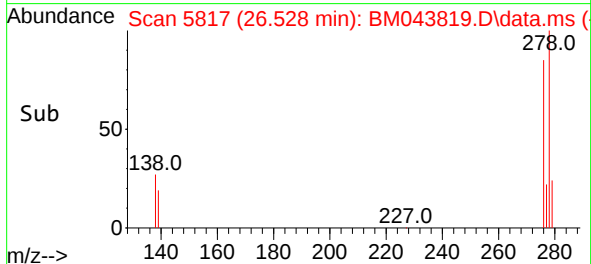
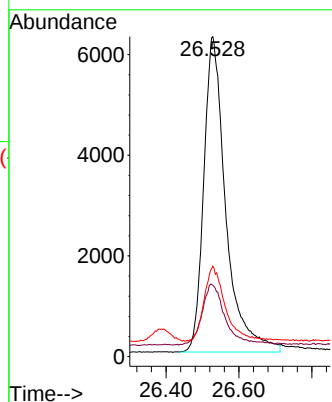
Tgt Ion:278 Resp: 26343

Ion Ratio Lower Upper

278 100

139 22.3 18.1 27.1

279 28.3 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.351 ng/ul

RT: 27.280 min Scan# 6041

Delta R.T. 0.000 min

Lab File: BM043819.D

Acq: 11 Jan 2024 12:12

Tgt Ion:276 Resp: 28735

Ion Ratio Lower Upper

276 100

138 27.3 21.0 31.4

277 25.0 19.8 29.6

