

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042029.D
 Acq On : 25 Sep 2023 12:32
 Operator : MA/JU
 Sample : PB155506BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS506

Quant Time: Sep 25 14:13:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

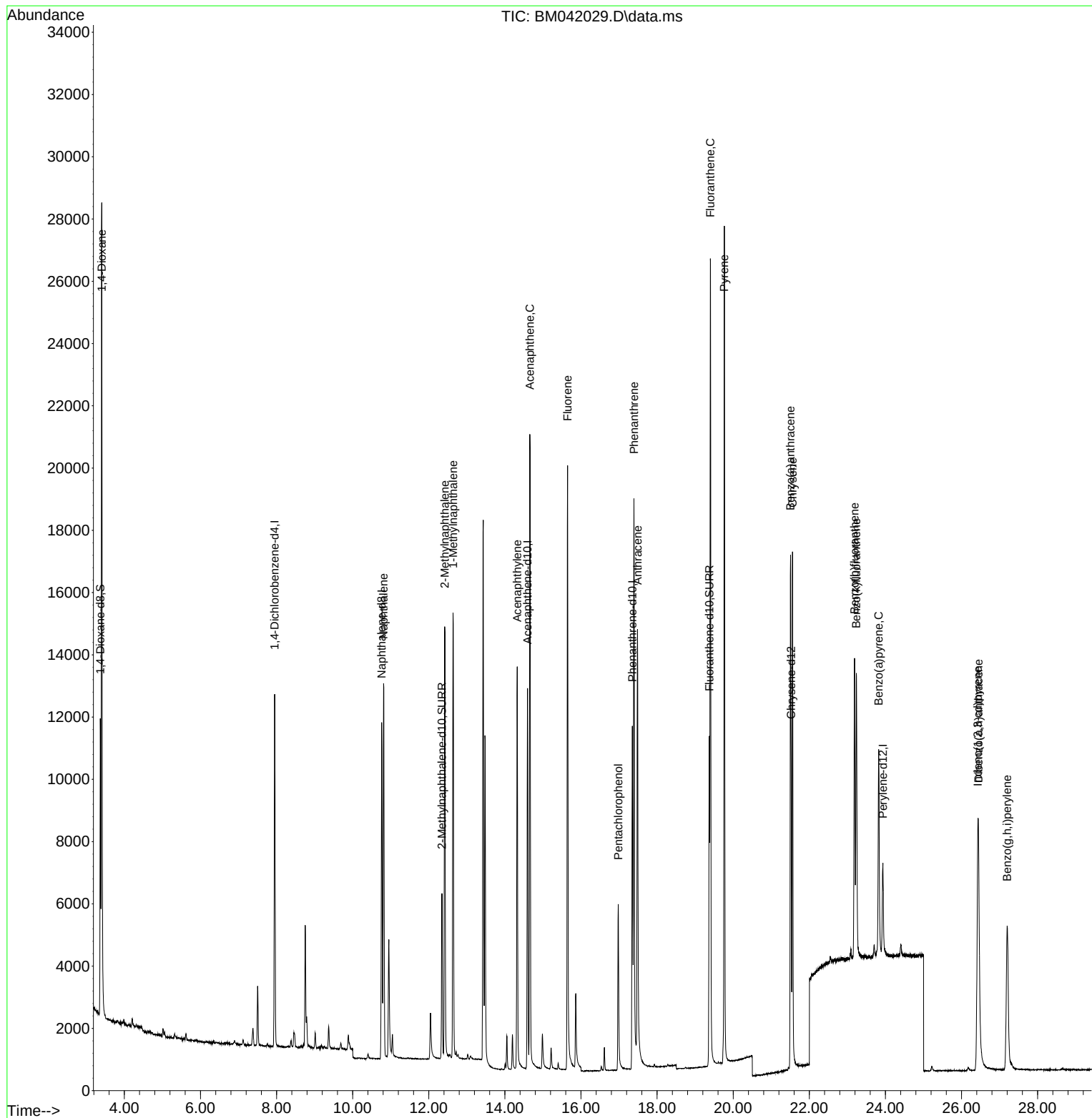
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5693	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	13845	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	6368	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	12543	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	4733	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	4165	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	5580	0.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	6883	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	9197	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	16657	2.041	ng/ul#	86
5) Naphthalene	10.812	128	16731	0.361	ng/ul	100
7) 2-Methylnaphthalene	12.423	142	10276	0.372	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	9948	0.354	ng/ul	100
10) Acenaphthylene	14.324	152	15896	0.373	ng/ul	100
11) Acenaphthene	14.657	153	11909	0.364	ng/ul	99
12) Fluorene	15.647	166	13330	0.362	ng/ul	99
14) Pentachlorophenol	16.978	266	3952	0.596	ng/ul	100
15) Phenanthrene	17.392	178	20894	0.359	ng/ul	99
16) Anthracene	17.485	178	18109	0.360	ng/ul	99
19) Fluoranthene	19.403	202	22154	0.414	ng/ul	99
20) Pyrene	19.766	202	22406	0.426	ng/ul	99
21) Benzo(a)anthracene	21.507	228	13721	0.382	ng/ul	100
22) Chrysene	21.559	228	14397	0.388	ng/ul	100
24) Benzo(b)fluoranthene	23.187	252	12633	0.394	ng/ul	97
25) Benzo(k)fluoranthene	23.237	252	12396	0.398	ng/ul	96
26) Benzo(a)pyrene	23.825	252	10962	0.416	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.428	276	12884	0.356	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.444	278	9136	0.349	ng/ul	98
29) Benzo(g,h,i)perylene	27.199	276	11033	0.362	ng/ul	98

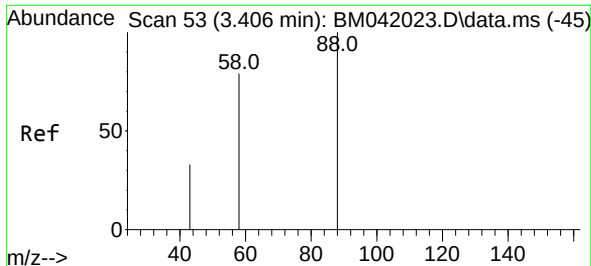
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042029.D
Acq On : 25 Sep 2023 12:32
Operator : MA/JU
Sample : PB155506BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS506

Quant Time: Sep 25 14:13:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

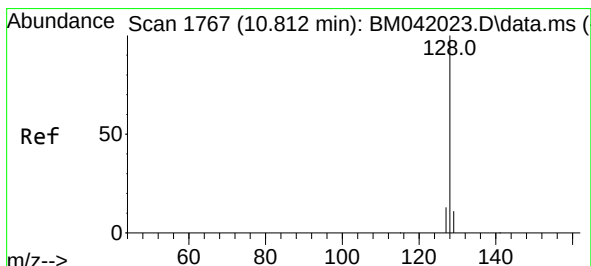
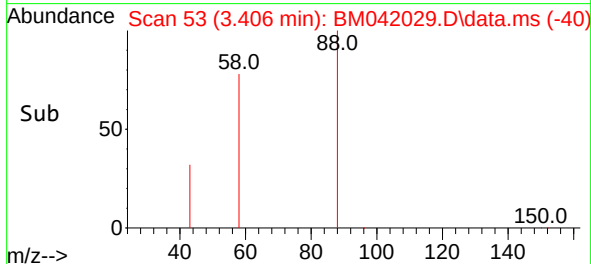
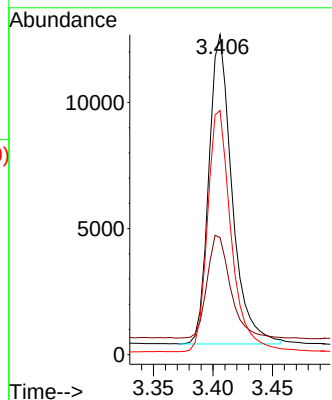
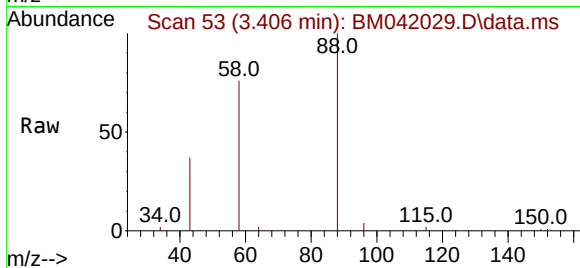




#2
1,4-Dioxane
Concen: 2.041 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

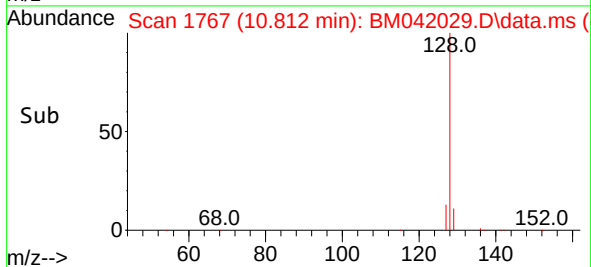
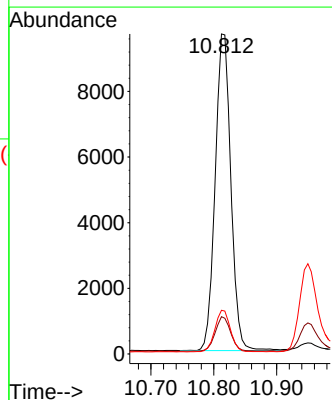
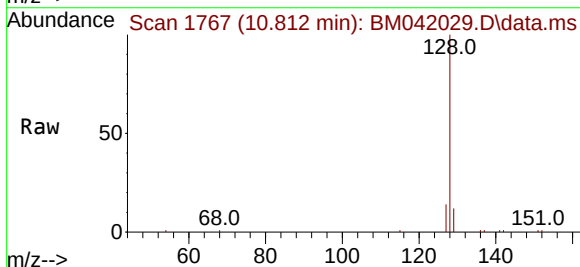
Instrument :
BNA_M
ClientSampleId :
SLCS506

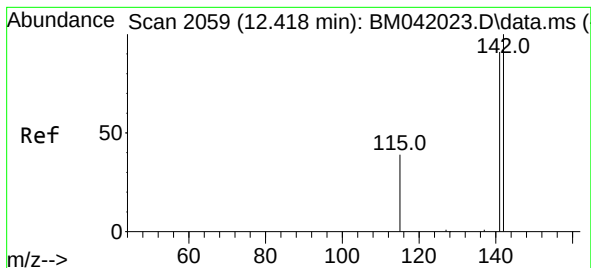
Tgt Ion: 88 Resp: 16657
Ion Ratio Lower Upper
88 100
43 36.6 42.9 64.3#
58 76.3 56.4 84.6



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion: 128 Resp: 16731
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.6 10.8 16.2

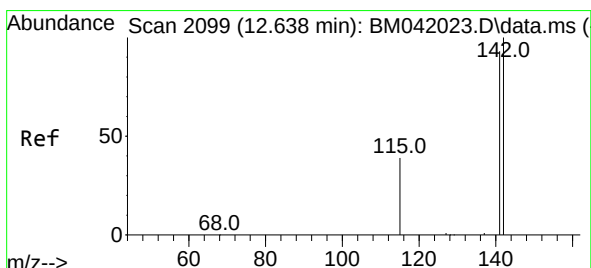
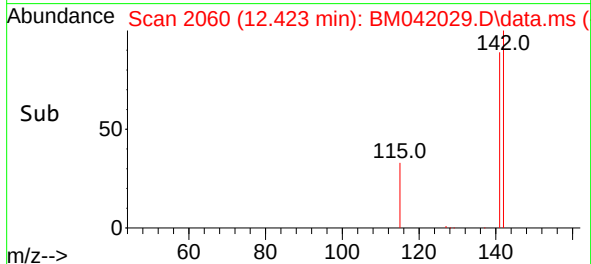
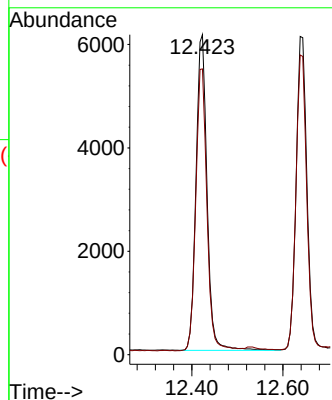
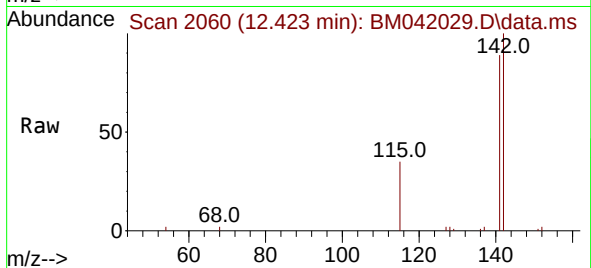




#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

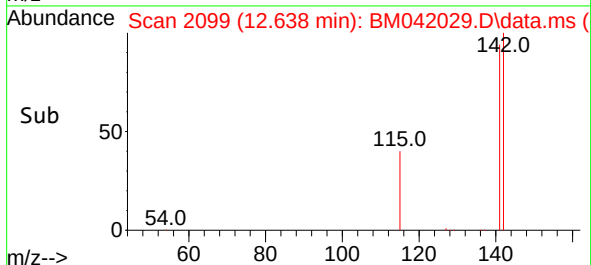
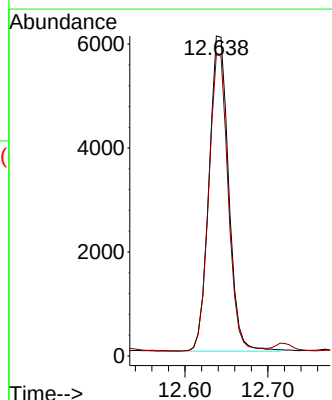
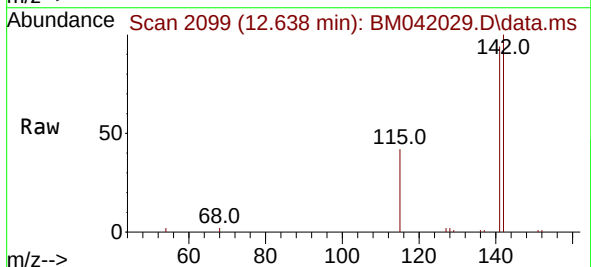
Instrument :
BNA_M
ClientSampleId :
SLCS506

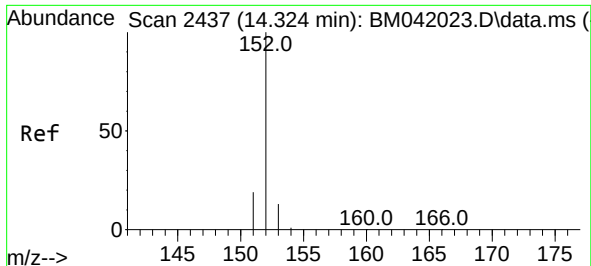
Tgt Ion:142 Resp: 10276
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion:142 Resp: 9948
Ion Ratio Lower Upper
142 100
141 93.8 75.1 112.7

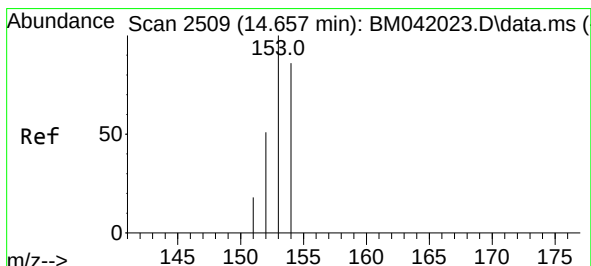
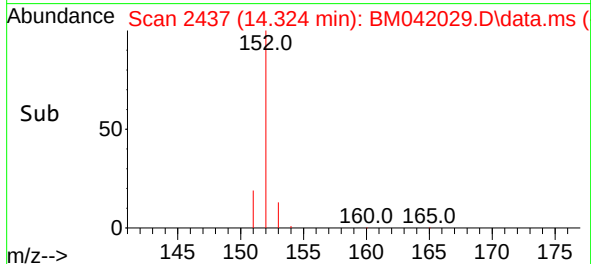
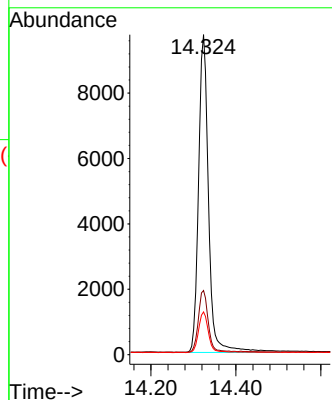
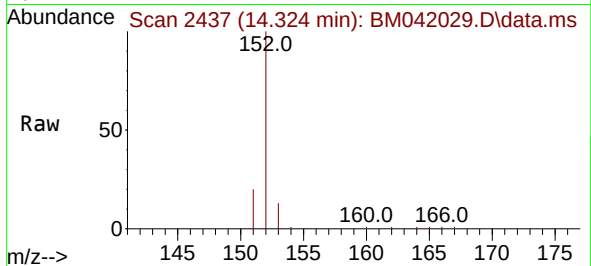




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

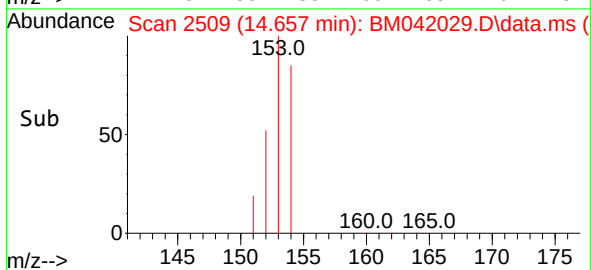
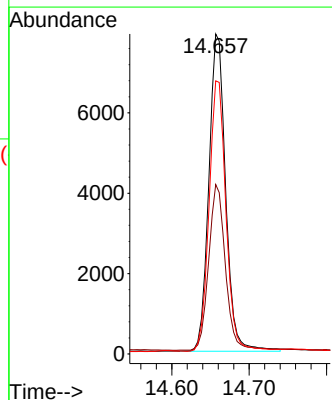
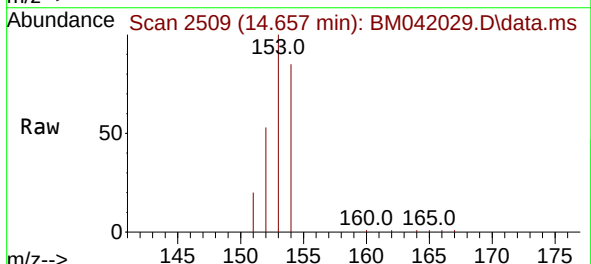
Instrument :
BNA_M
ClientSampleId :
SLCS506

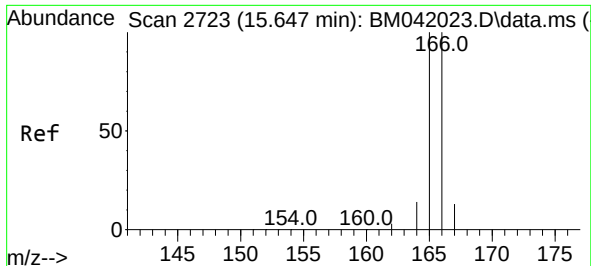
Tgt Ion:	152	Resp:	15896
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.3	10.8	16.2



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion:	153	Resp:	11909
Ion Ratio	Lower	Upper	
153	100		
152	53.0	41.8	62.8
154	85.4	69.0	103.6

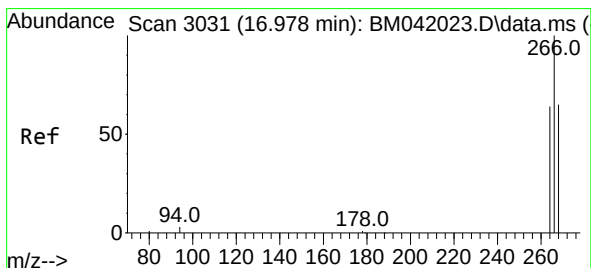
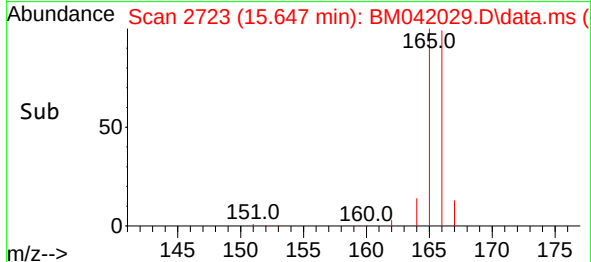
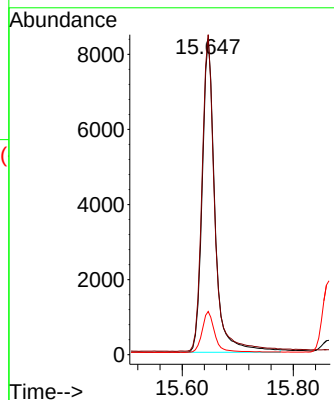
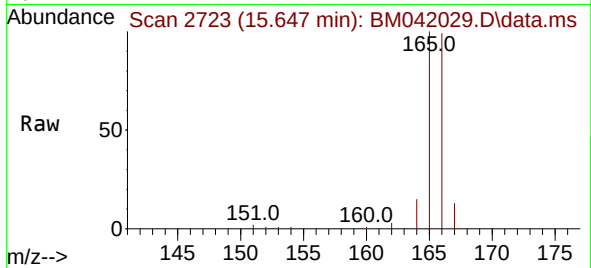




#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.647 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

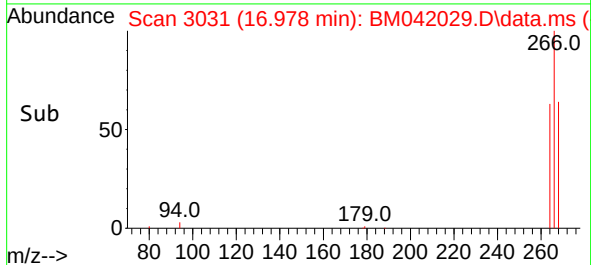
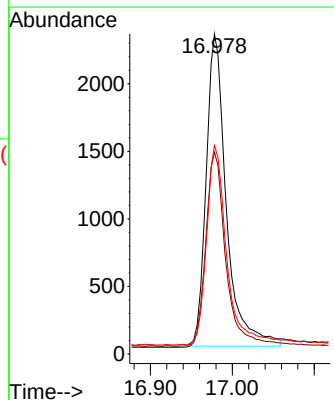
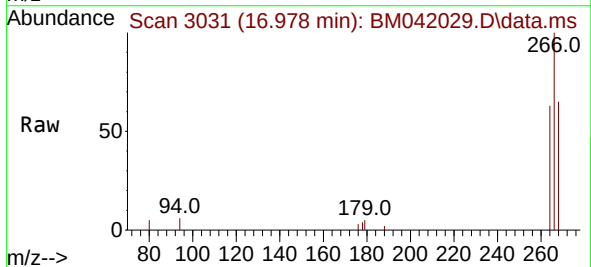
Instrument :
BNA_M
ClientSampleId :
SLCS506

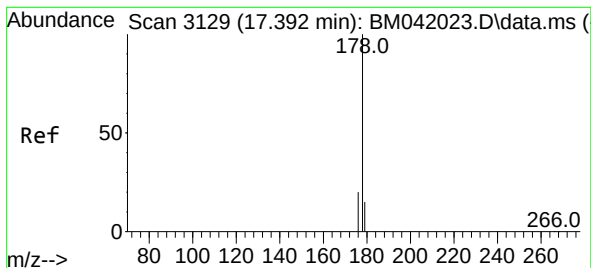
Tgt Ion:166 Resp: 13330
Ion Ratio Lower Upper
166 100
165 101.2 79.8 119.8
167 13.7 11.1 16.7



#14
Pentachlorophenol
Concen: 0.596 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion:266 Resp: 3952
Ion Ratio Lower Upper
266 100
264 62.9 50.2 75.4
268 64.1 51.0 76.4





#15

Phenanthrene

Concen: 0.359 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BM042029.D

Acq: 25 Sep 2023 12:32

Instrument :

BNA_M

ClientSampleId :

SLCS506

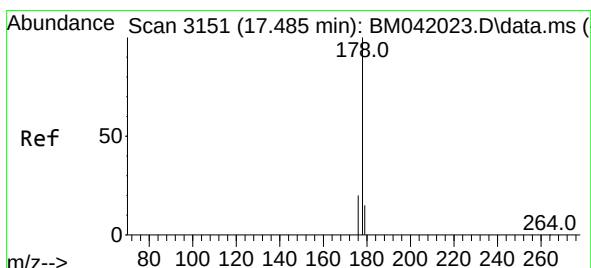
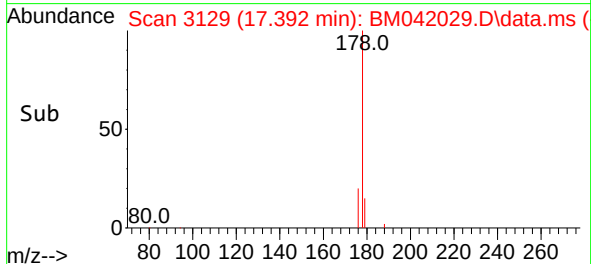
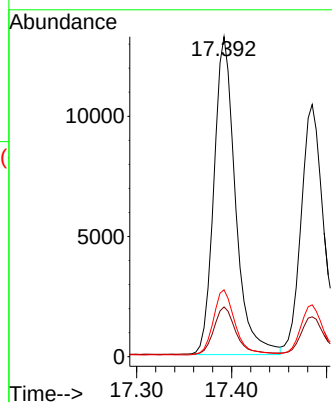
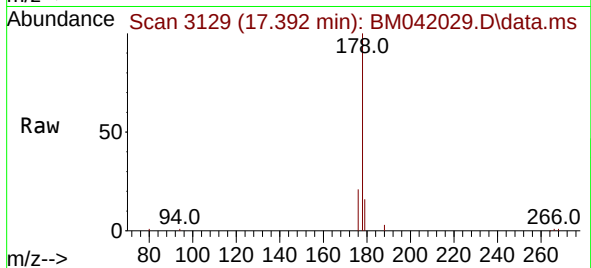
Tgt Ion:178 Resp: 20894

Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 20.9 16.6 24.8



#16

Anthracene

Concen: 0.360 ng/ul

RT: 17.485 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BM042029.D

Acq: 25 Sep 2023 12:32

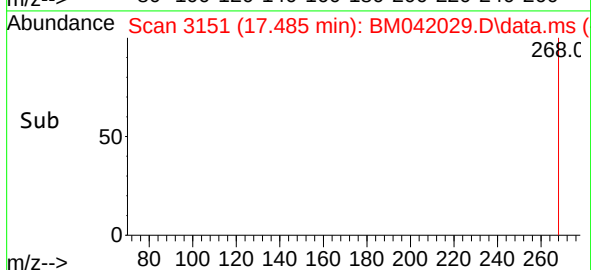
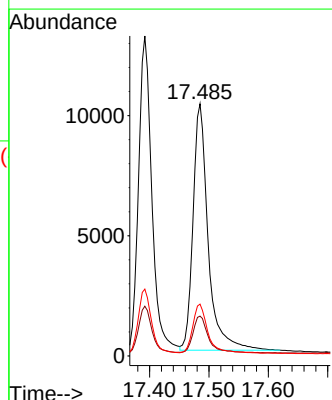
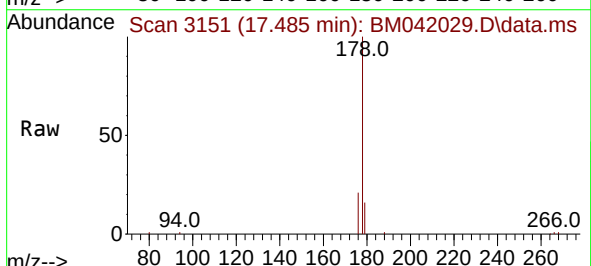
Tgt Ion:178 Resp: 18109

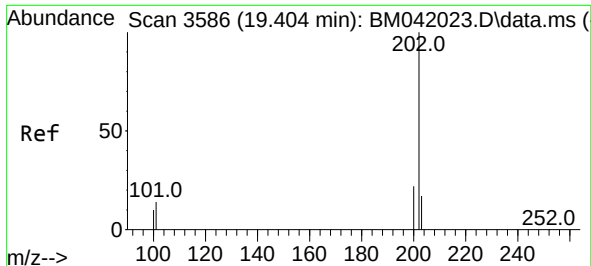
Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 20.6 16.2 24.2

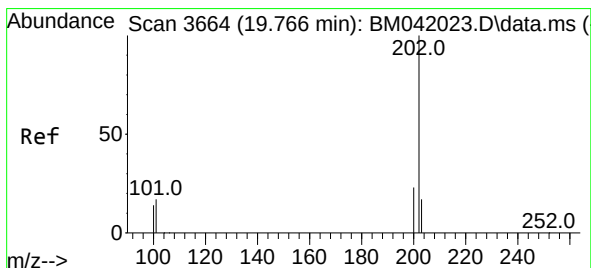
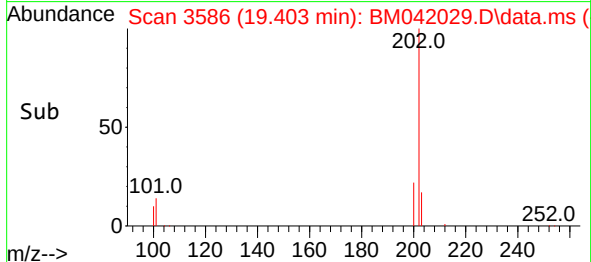
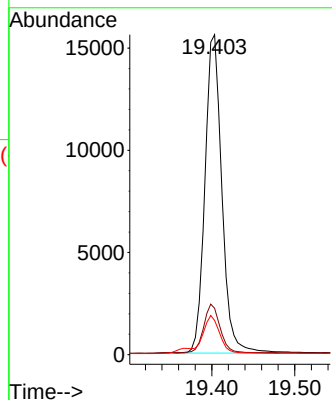
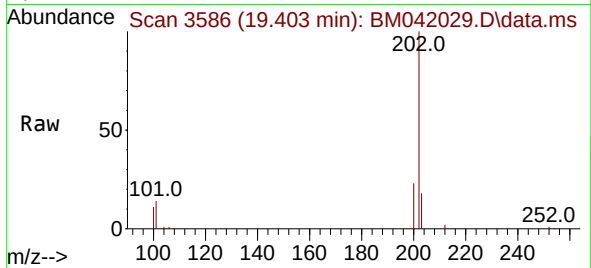




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

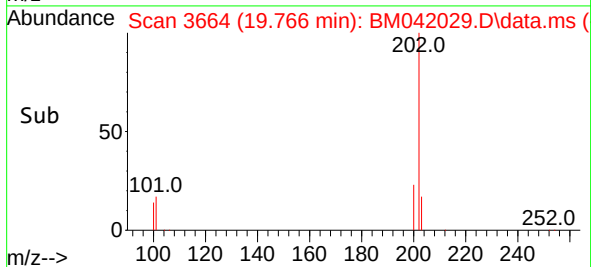
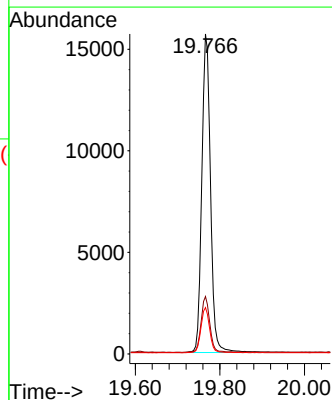
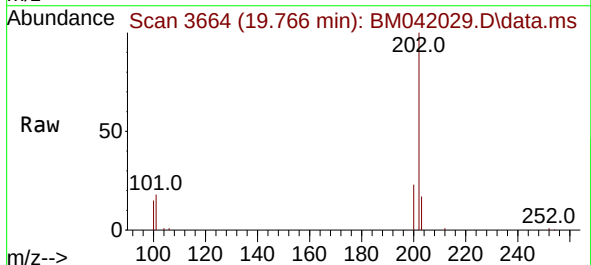
Instrument :
BNA_M
ClientSampleId :
SLCS506

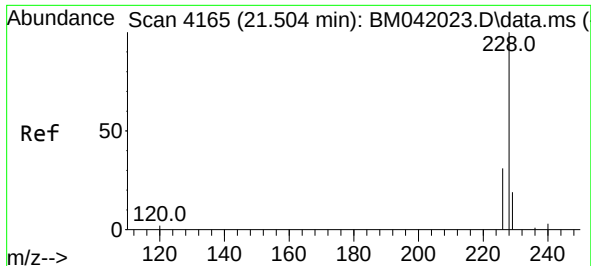
Tgt Ion:202 Resp: 22154
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 10.7 9.1 13.7



#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion:202 Resp: 22406
Ion Ratio Lower Upper
202 100
101 17.9 14.1 21.1
100 14.5 11.4 17.0

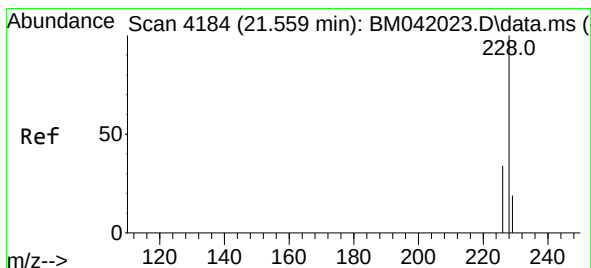
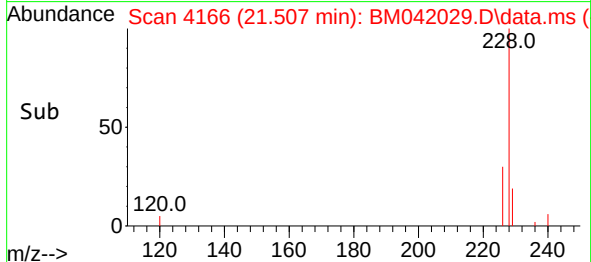
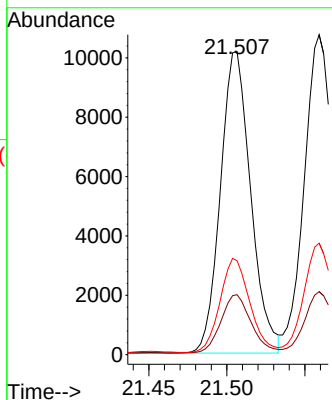
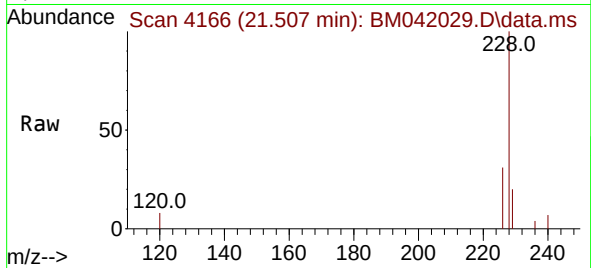




#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

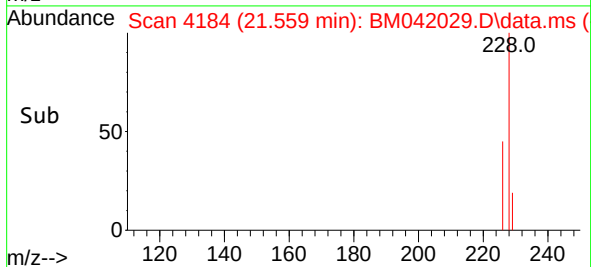
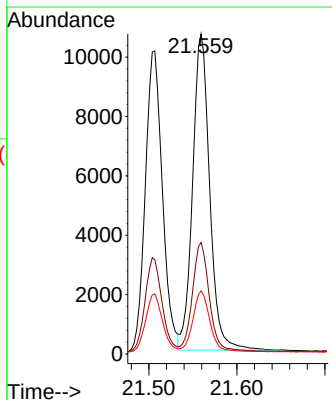
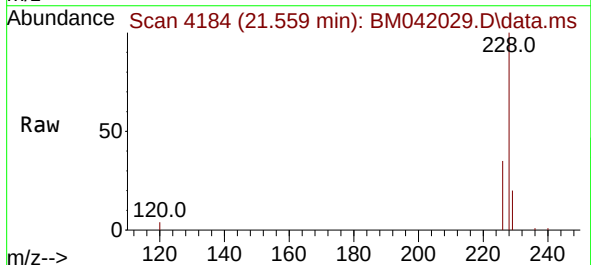
Instrument :
BNA_M
ClientSampleId :
SLCS506

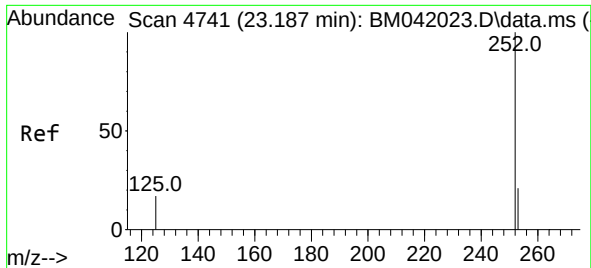
Tgt Ion:228 Resp: 13721
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 31.0 24.8 37.2



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion:228 Resp: 14397
Ion Ratio Lower Upper
228 100
226 34.8 27.8 41.6
229 19.7 15.6 23.4

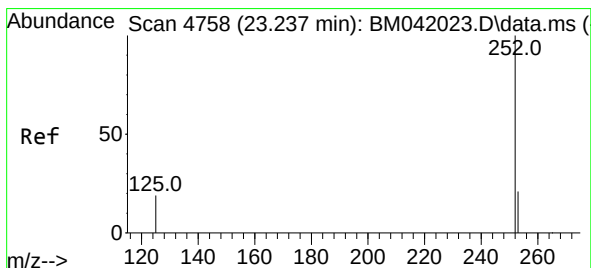
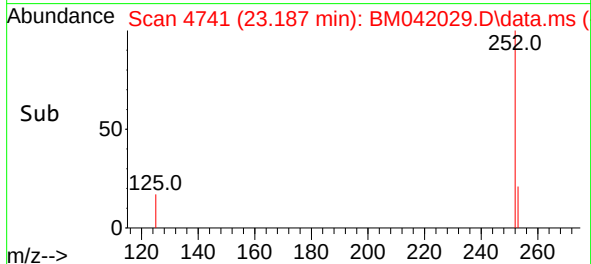
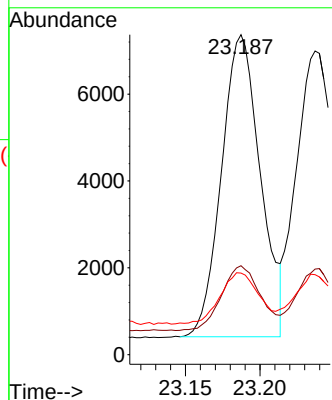
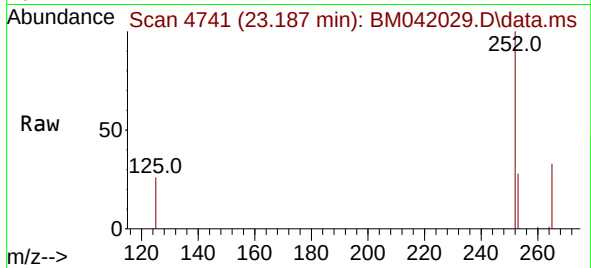




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

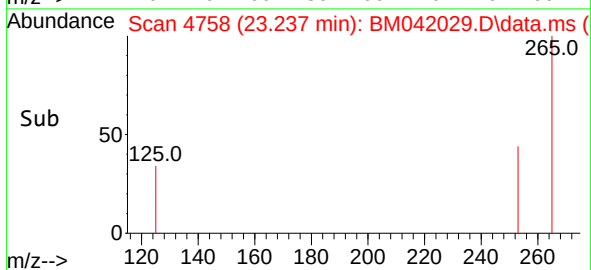
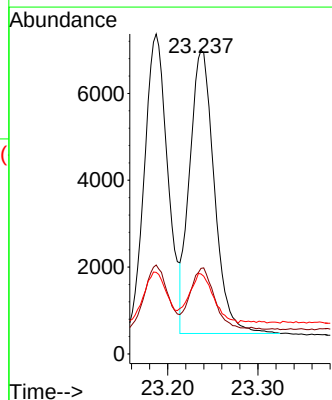
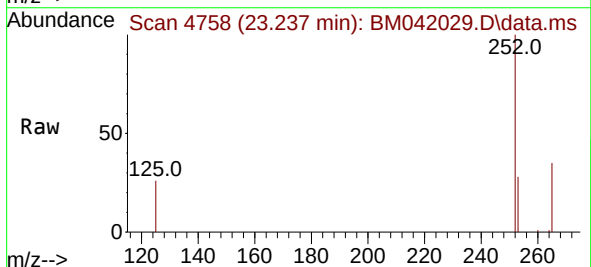
Instrument :
BNA_M
ClientSampleId :
SLCS506

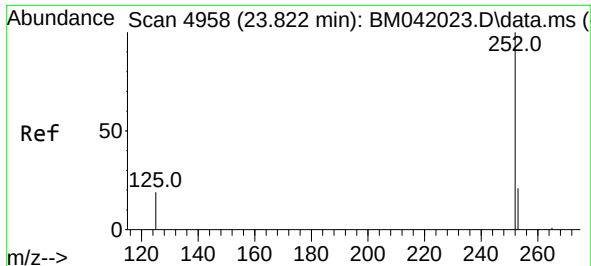
Tgt Ion:252 Resp: 12633
Ion Ratio Lower Upper
252 100
253 27.8 0.0 54.4
125 25.5 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion:252 Resp: 12396
Ion Ratio Lower Upper
252 100
253 28.2 21.0 31.6
125 26.4 19.0 28.6

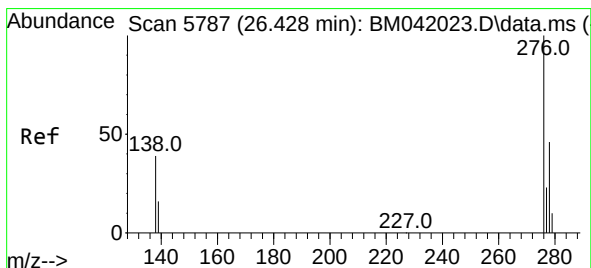
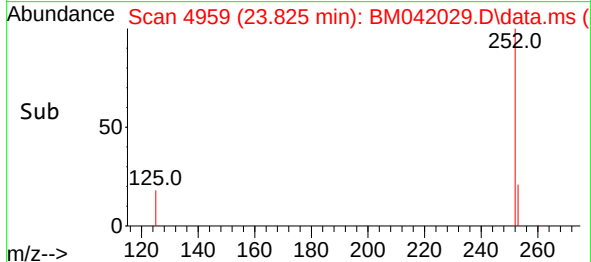
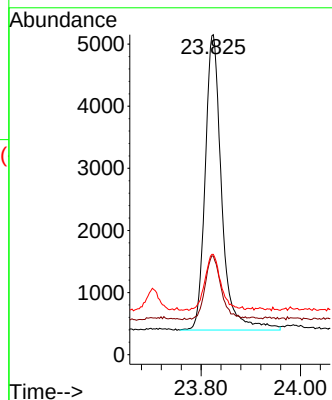
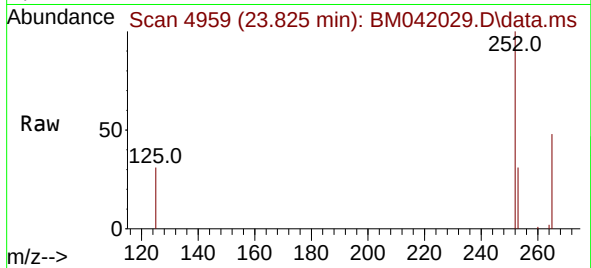




#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.825 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

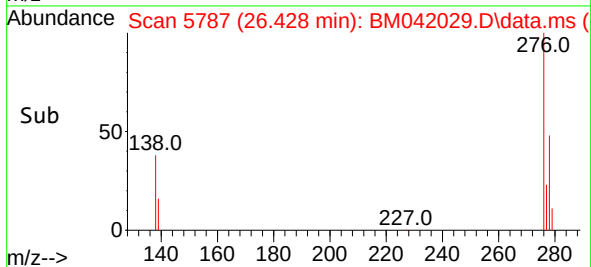
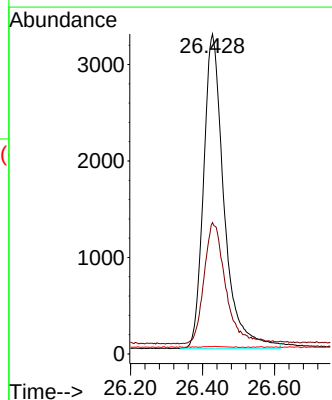
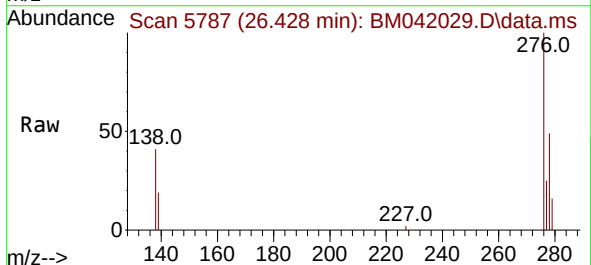
Instrument :
BNA_M
ClientSampleId :
SLCS506

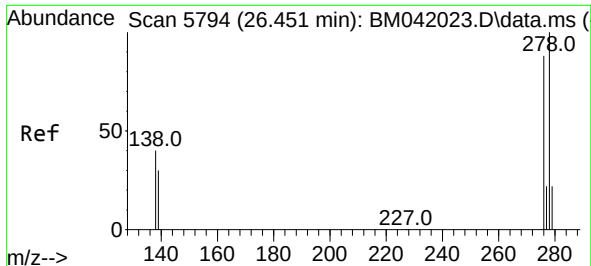
Tgt Ion:252 Resp: 10962
Ion Ratio Lower Upper
252 100
253 30.8 23.2 34.8
125 31.4 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 26.428 min Scan# 5787
Delta R.T. -0.003 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion:276 Resp: 12884
Ion Ratio Lower Upper
276 100
138 40.4 32.1 48.1
227 0.3 0.2 0.2#

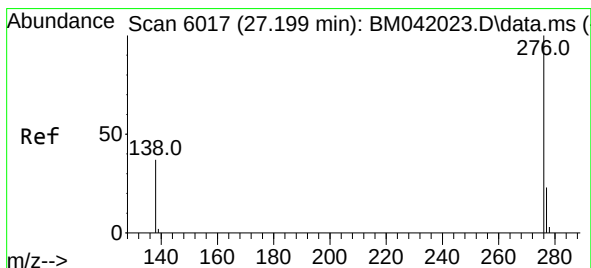
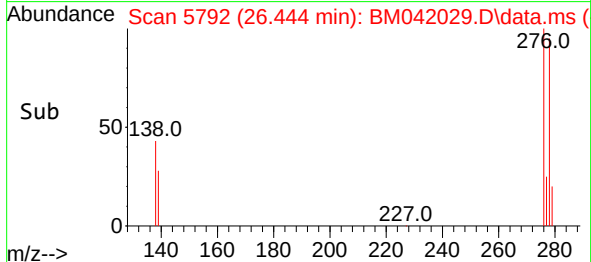
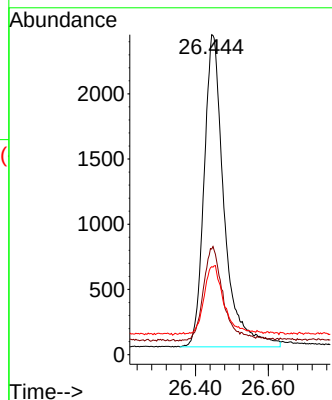
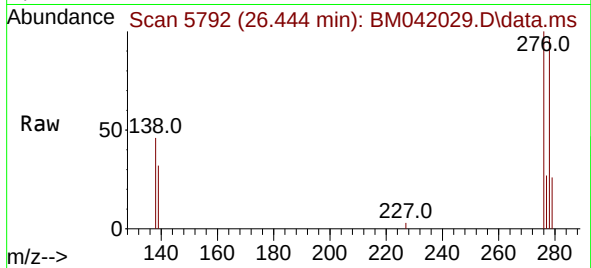




#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.444 min Scan# 5792
Delta R.T. -0.007 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:278 Resp: 9136
Ion Ratio Lower Upper
278 100
139 33.0 25.0 37.6
279 27.5 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 27.199 min Scan# 6017
Delta R.T. -0.010 min
Lab File: BM042029.D
Acq: 25 Sep 2023 12:32

Tgt Ion:276 Resp: 11033
Ion Ratio Lower Upper
276 100
138 38.4 29.0 43.4
277 24.8 19.6 29.4

