

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042219.D
 Acq On : 05 Oct 2023 16:30
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4112

Quant Time: Oct 06 05:27:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:25:26 2023
 Response via : Initial Calibration

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

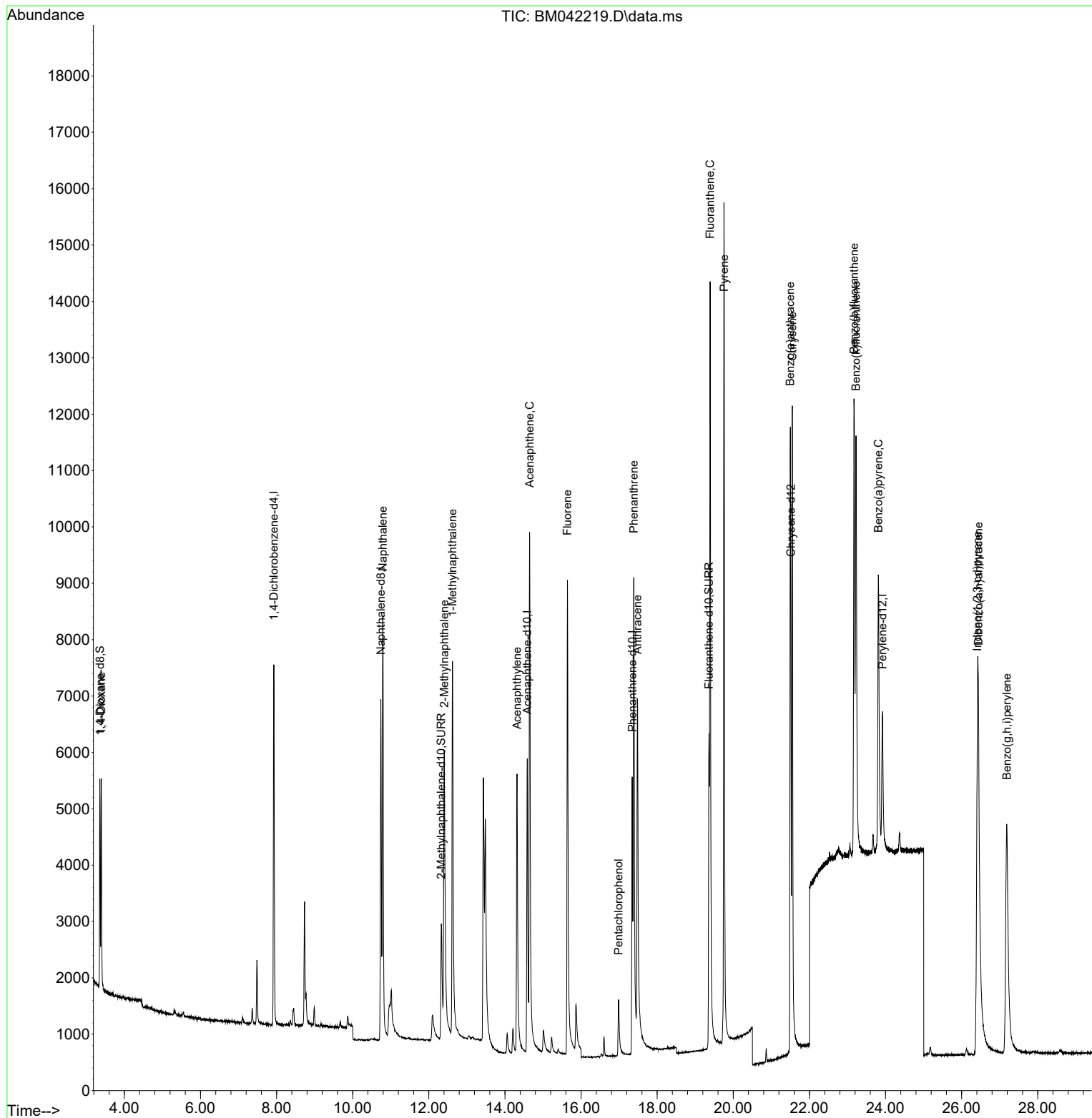
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3417	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	8810	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	3560	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	6961	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.513	240	3845	0.400	ng/ul	# 0.00
23) Perylene-d12	23.918	264	3863	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	1947	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	4444	0.368	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	6252	0.433	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	2129	0.448	ng/ul#	85
5) Naphthalene	10.790	128	11311	0.385	ng/ul	100
7) 2-Methylnaphthalene	12.407	142	6285	0.357	ng/ul	95
8) 1-Methylnaphthalene	12.621	142	6220	0.351	ng/ul	97
10) Acenaphthylene	14.319	152	8869	0.394	ng/ul	99
11) Acenaphthene	14.648	153	7019	0.412	ng/ul	99
12) Fluorene	15.642	166	7711	0.402	ng/ul	95
14) Pentachlorophenol	16.987	266	1073	0.340	ng/ul	99
15) Phenanthrene	17.388	178	11754	0.410	ng/ul	99
16) Anthracene	17.481	178	9890	0.377	ng/ul	99
19) Fluoranthene	19.394	202	13662	0.468	ng/ul	96
20) Pyrene	19.757	202	14429	0.465	ng/ul#	93
21) Benzo(a)anthracene	21.498	228	10381	0.418	ng/ul	100
22) Chrysene	21.551	228	11325	0.469	ng/ul	99
24) Benzo(b)fluoranthene	23.173	252	11652	0.511	ng/ul	98
25) Benzo(k)fluoranthene	23.225	252	11608	0.518	ng/ul	98
26) Benzo(a)pyrene	23.816	252	9716	0.495	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.414	276	13550	0.487	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.441	278	9897	0.471	ng/ul#	93
29) Benzo(g,h,i)perylene	27.186	276	12020	0.517	ng/ul	96

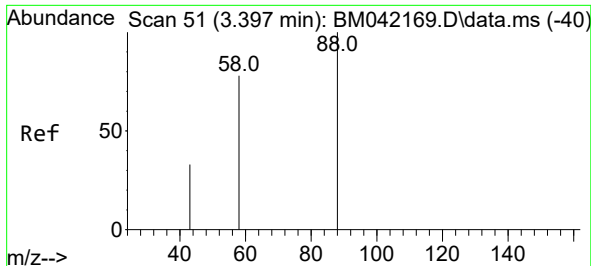
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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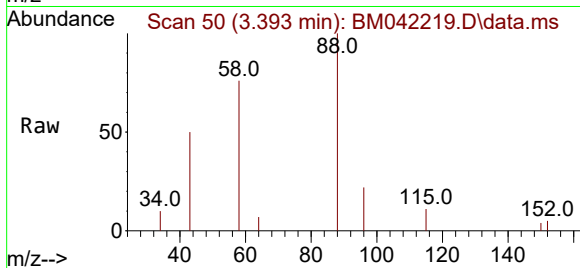
Quant Time: Oct 06 05:27:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
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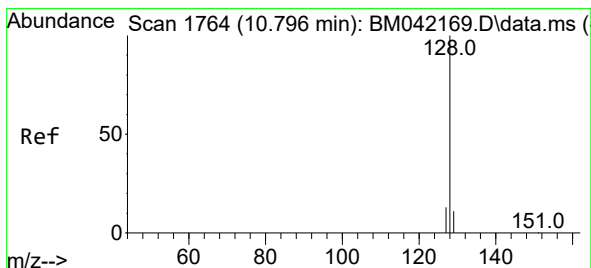
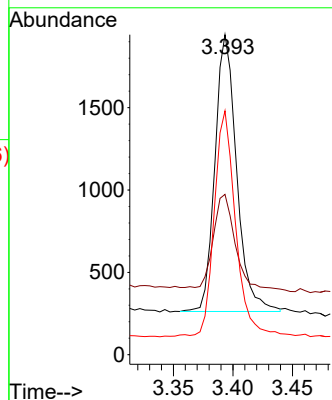
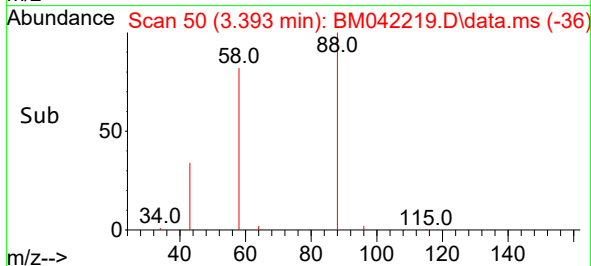


#2
1,4-Dioxane
Concen: 0.448 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

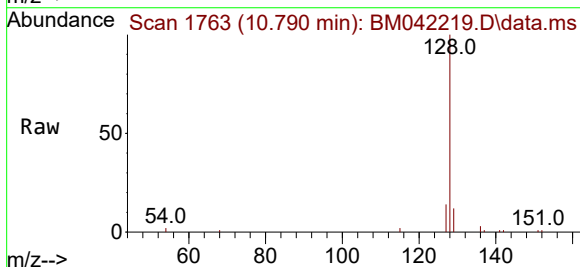
Instrument :
BNA_M
ClientSampleId :
SSTD0.4112



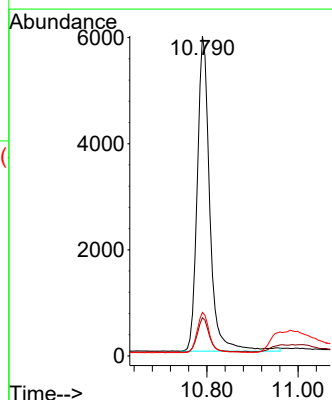
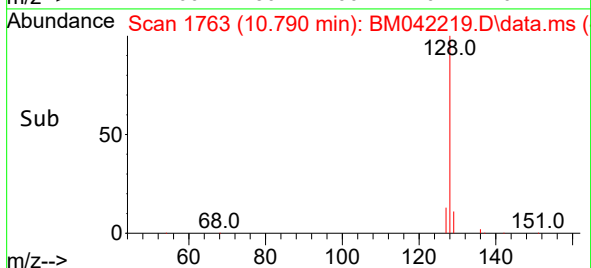
Tgt Ion: 88 Resp: 2129
Ion Ratio Lower Upper
88 100
43 50.1 52.1 78.1#
58 76.2 53.8 80.6

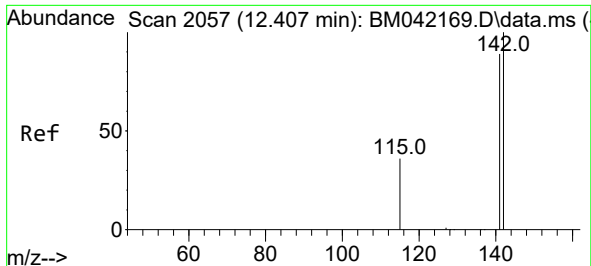


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30



Tgt Ion: 128 Resp: 11311
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.6 11.0 16.4

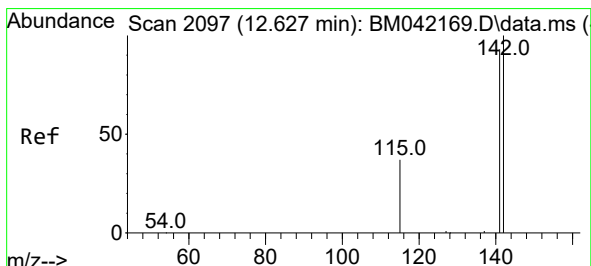
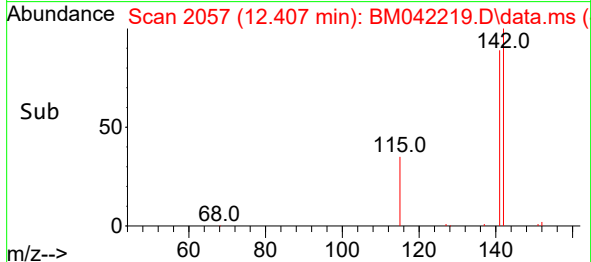
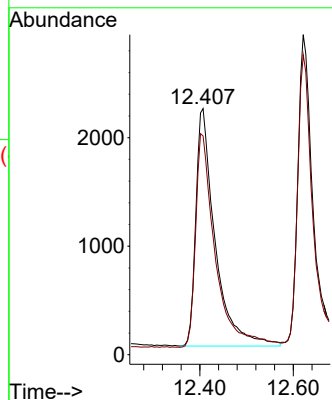
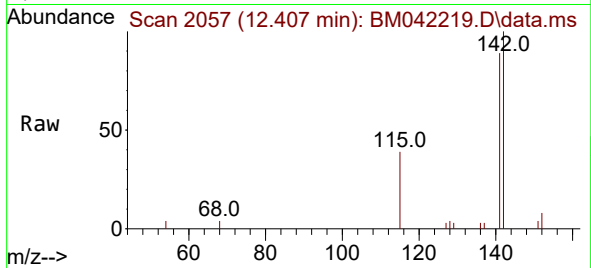




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

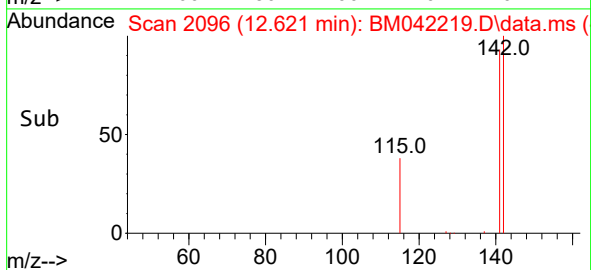
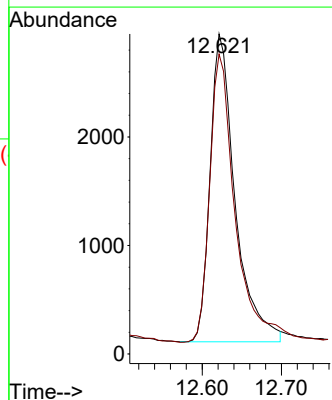
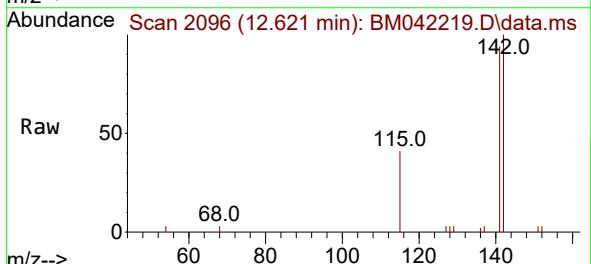
Instrument :
BNA_M
ClientSampleId :
SSTD0.4112

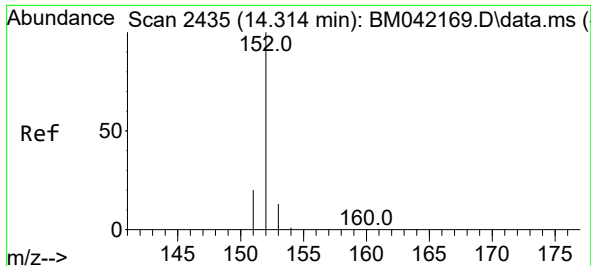
Tgt Ion:142 Resp: 6285
Ion Ratio Lower Upper
142 100
141 92.3 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

Tgt Ion:142 Resp: 6220
Ion Ratio Lower Upper
142 100
141 94.8 73.5 110.3

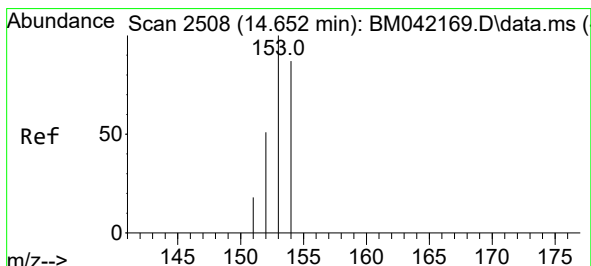
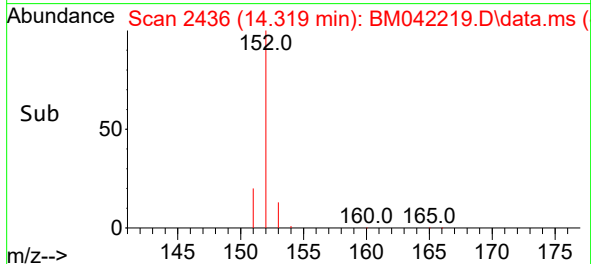
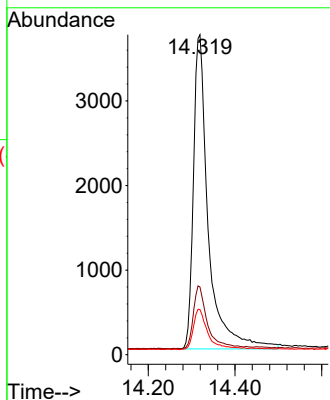
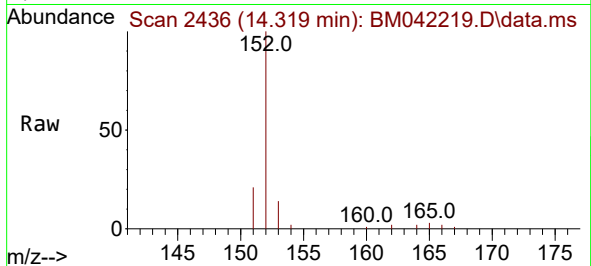




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.319 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

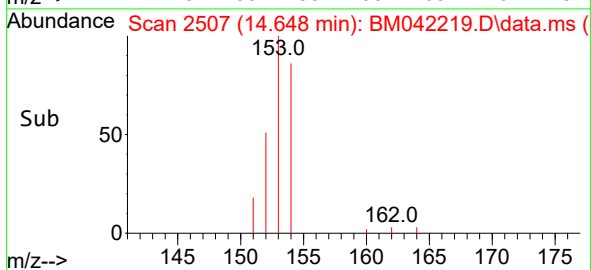
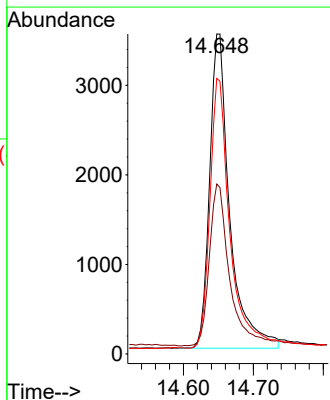
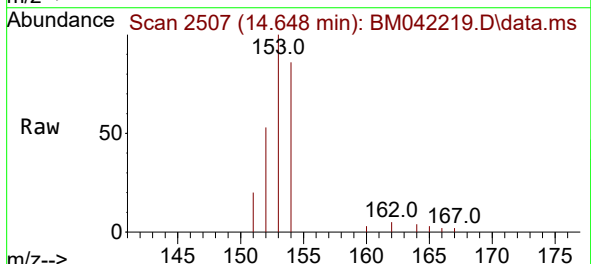
Instrument :
BNA_M
ClientSampleId :
SSTD0.4112

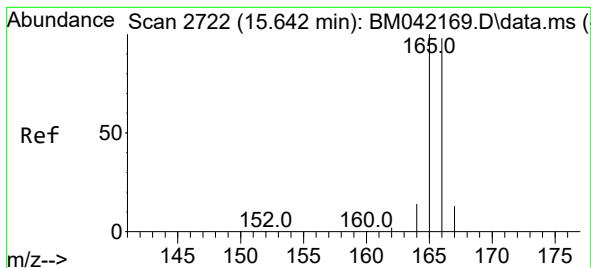
Tgt Ion:152 Resp: 8869
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

Tgt Ion:153 Resp: 7019
Ion Ratio Lower Upper
153 100
152 53.1 41.1 61.7
154 86.1 69.5 104.3





#12

Fluorene

Concen: 0.402 ng/ul

RT: 15.642 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM042219.D

Acq: 05 Oct 2023 16:30

Instrument :

BNA_M

ClientSampleId :

SSTD0.4112

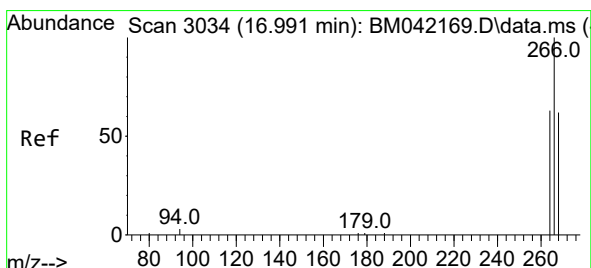
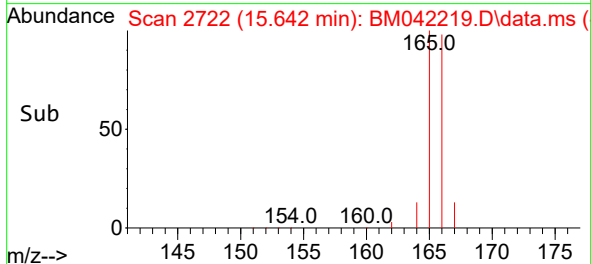
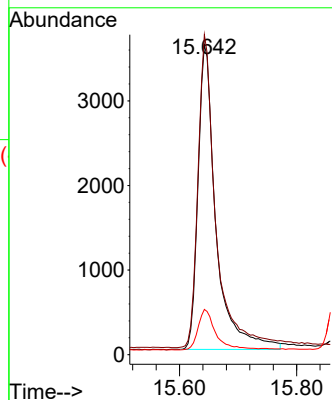
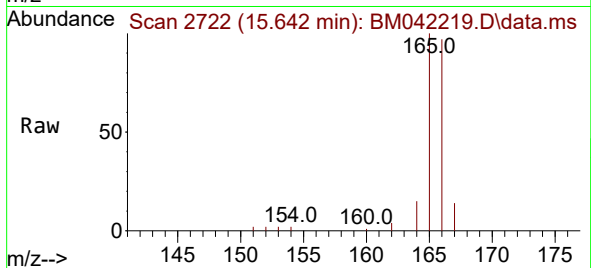
Tgt Ion:166 Resp: 7711

Ion Ratio Lower Upper

166 100

165 103.3 78.4 117.6

167 14.6 11.5 17.3



#14

Pentachlorophenol

Concen: 0.340 ng/ul

RT: 16.987 min Scan# 3033

Delta R.T. 0.013 min

Lab File: BM042219.D

Acq: 05 Oct 2023 16:30

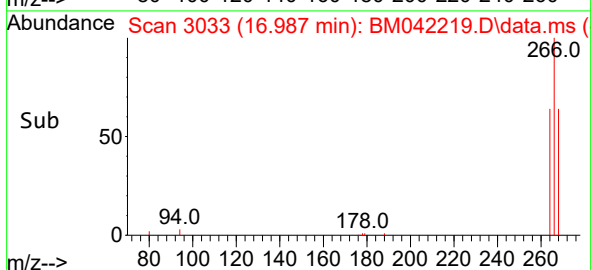
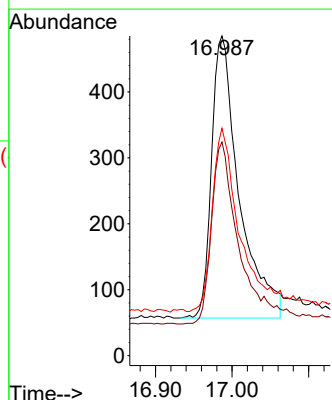
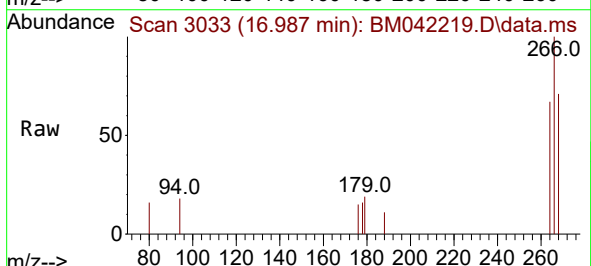
Tgt Ion:266 Resp: 1073

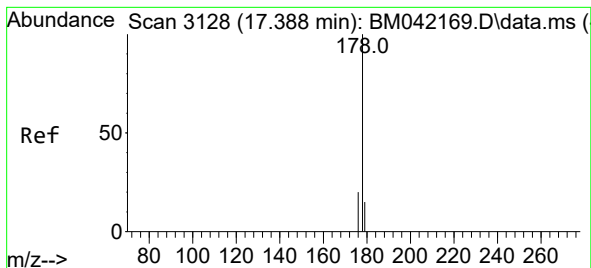
Ion Ratio Lower Upper

266 100

264 63.2 51.1 76.7

268 63.7 52.1 78.1





#15

Phenanthrene

Concen: 0.410 ng/ul

RT: 17.388 min Scan# 3128

Delta R.T. 0.009 min

Lab File: BM042219.D

Acq: 05 Oct 2023 16:30

Instrument :

BNA_M

ClientSampleId :

SSTD0.4112

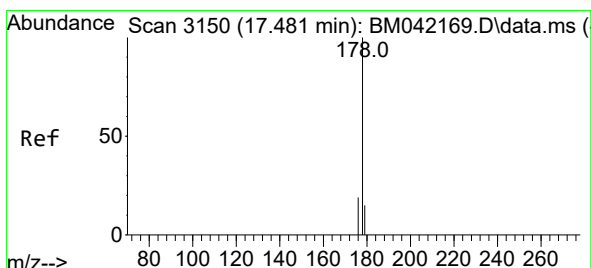
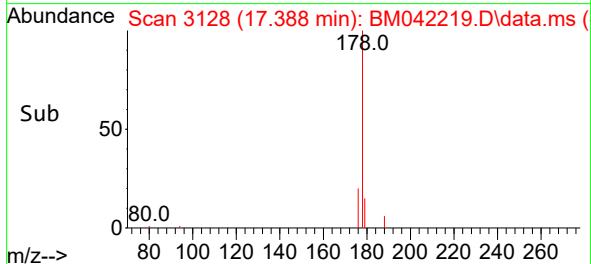
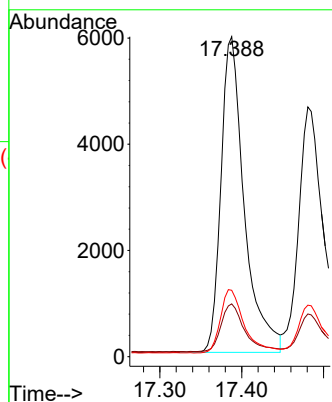
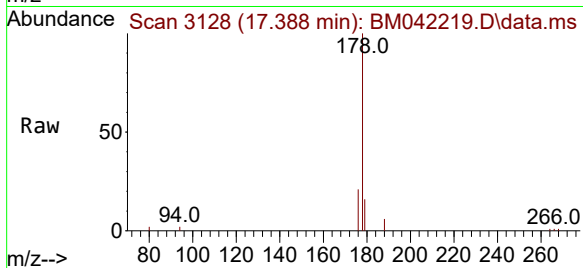
Tgt Ion:178 Resp: 11754

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

176 20.7 16.8 25.2



#16

Anthracene

Concen: 0.377 ng/ul

RT: 17.481 min Scan# 3150

Delta R.T. 0.004 min

Lab File: BM042219.D

Acq: 05 Oct 2023 16:30

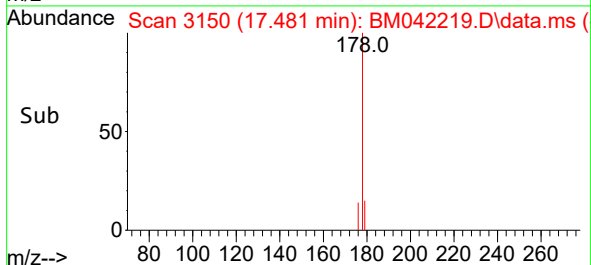
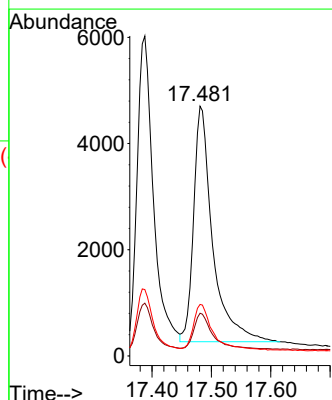
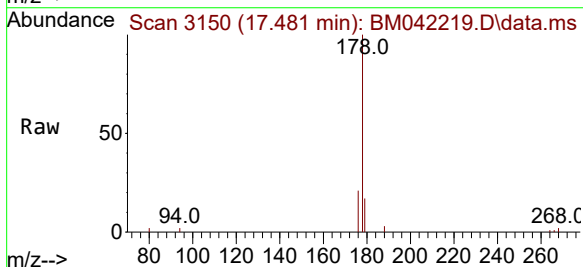
Tgt Ion:178 Resp: 9890

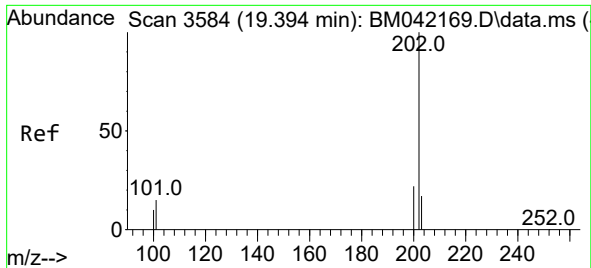
Ion Ratio Lower Upper

178 100

179 17.1 12.9 19.3

176 20.6 16.3 24.5

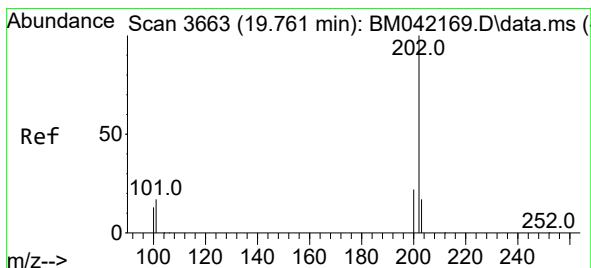
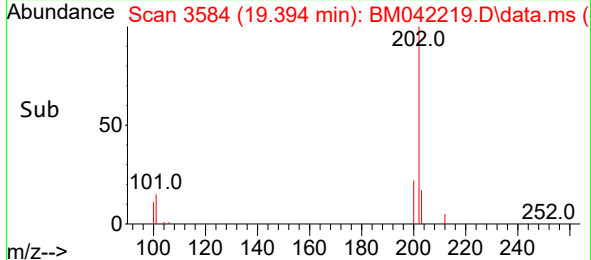
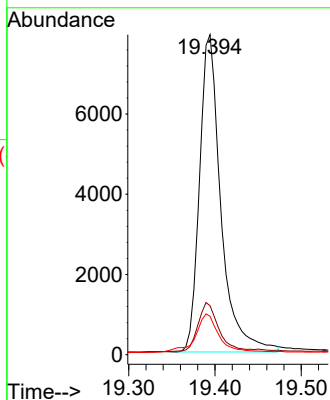
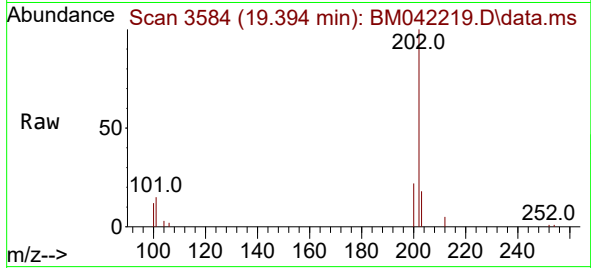




#19
Fluoranthene
Concen: 0.468 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

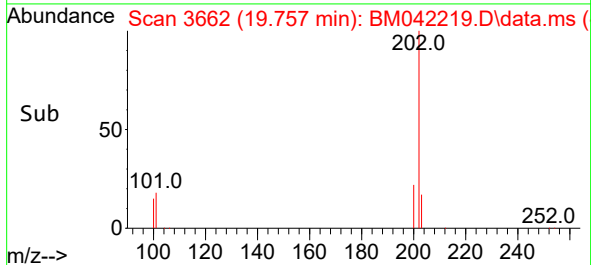
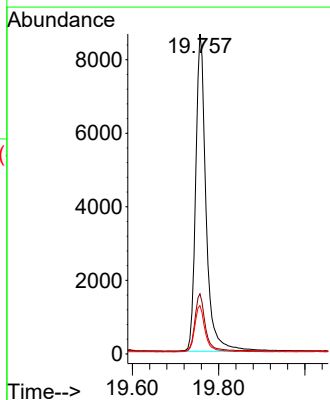
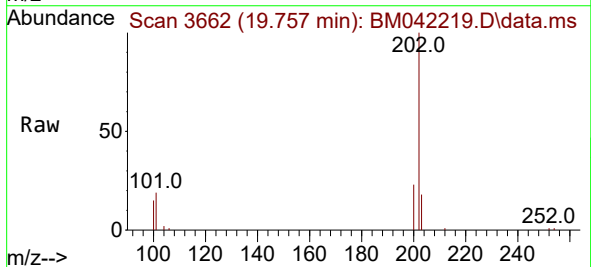
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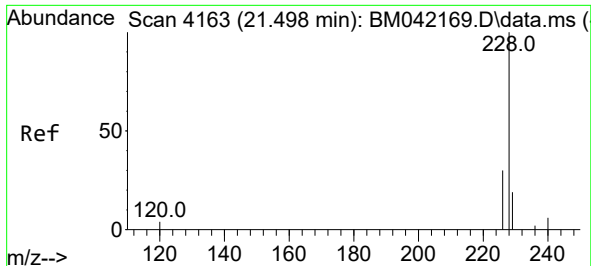
Tgt Ion:202 Resp: 13662
Ion Ratio Lower Upper
202 100
101 15.3 11.1 16.7
100 12.0 8.2 12.2



#20
Pyrene
Concen: 0.465 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

Tgt Ion:202 Resp: 14429
Ion Ratio Lower Upper
202 100
101 18.8 12.7 19.1
100 15.1 9.9 14.9#

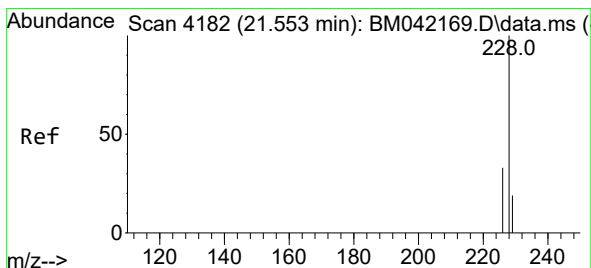
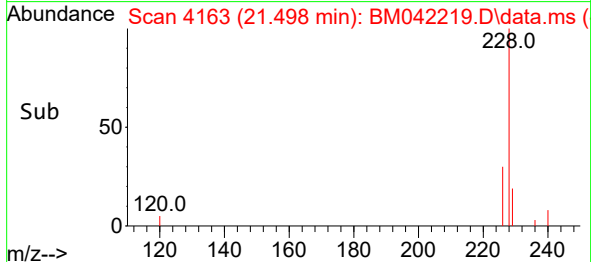
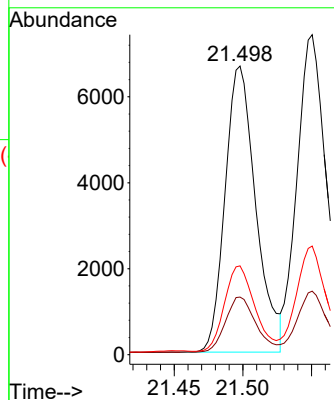
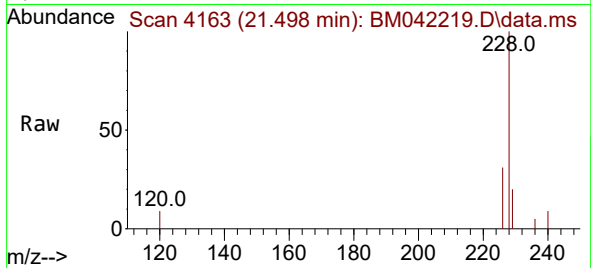




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. 0.006 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

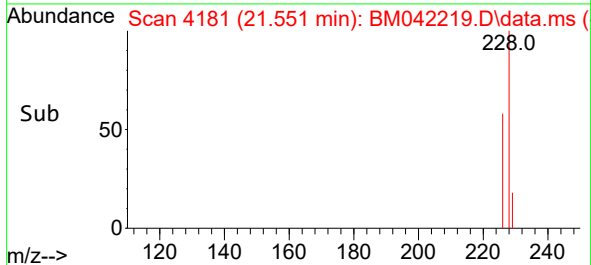
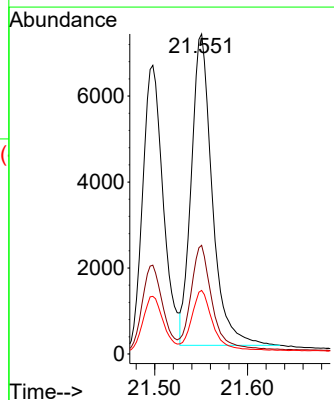
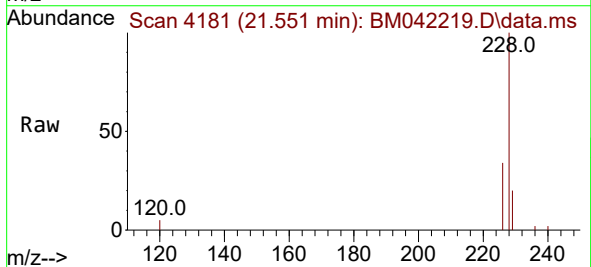
Instrument :
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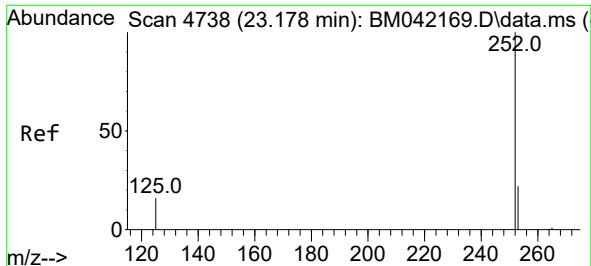
Tgt Ion:228 Resp: 10381
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 30.8 24.6 37.0



#22
Chrysene
Concen: 0.469 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. 0.006 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

Tgt Ion:228 Resp: 11325
Ion Ratio Lower Upper
228 100
226 34.0 26.7 40.1
229 19.8 15.8 23.8

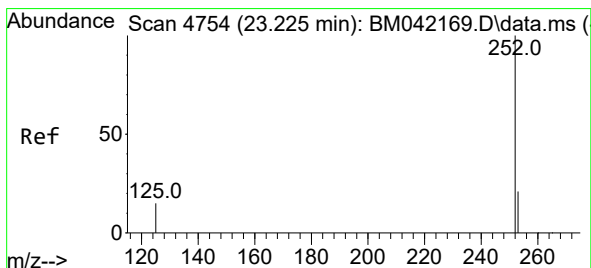
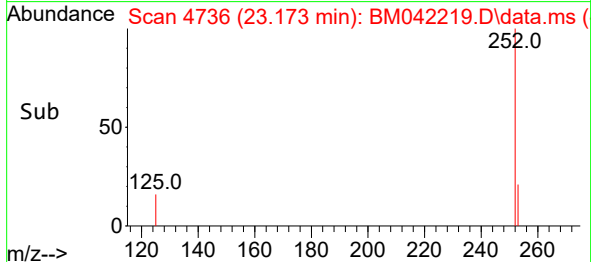
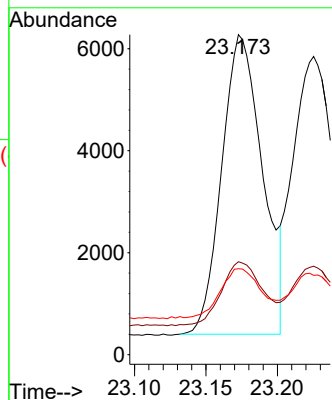
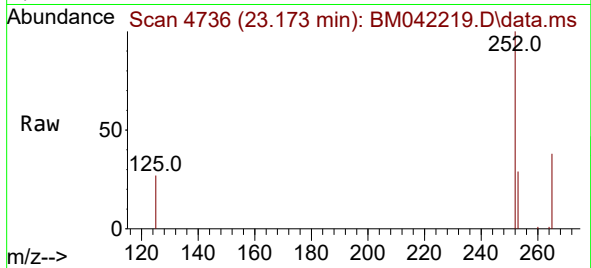




#24
Benzo(b)fluoranthene
Concen: 0.511 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. 0.003 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

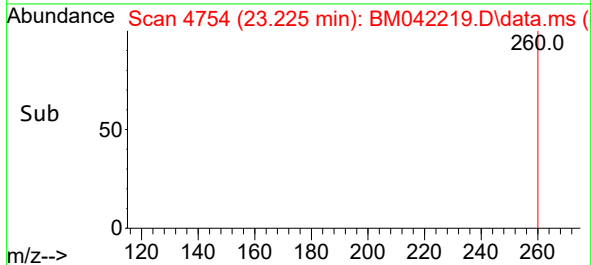
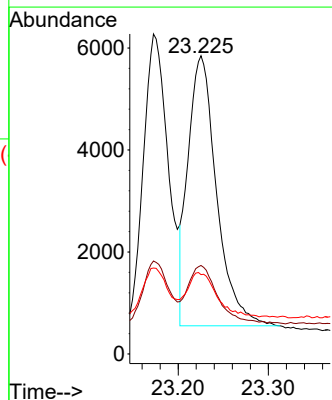
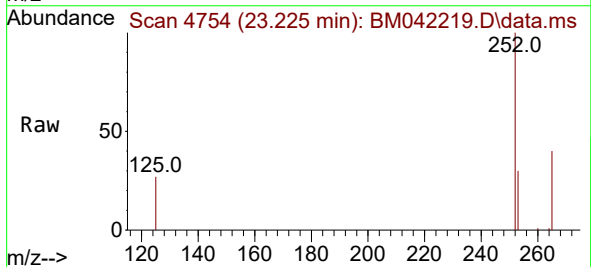
Instrument :
BNA_M
ClientSampleId :
SSTD0.4112

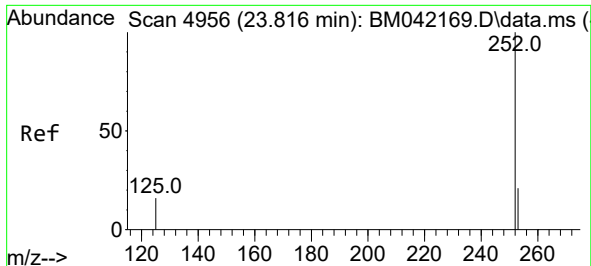
Tgt Ion:252 Resp: 11652
Ion Ratio Lower Upper
252 100
253 29.0 0.0 59.0
125 26.8 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. 0.006 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

Tgt Ion:252 Resp: 11608
Ion Ratio Lower Upper
252 100
253 29.7 23.4 35.0
125 26.6 19.9 29.9

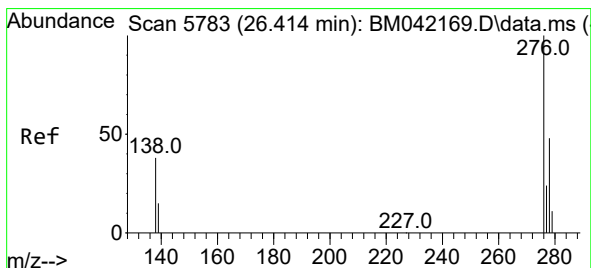
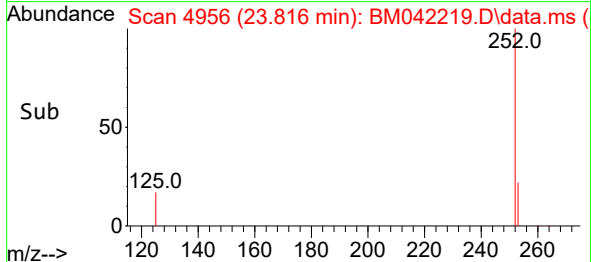
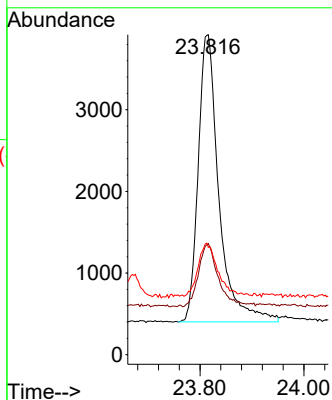
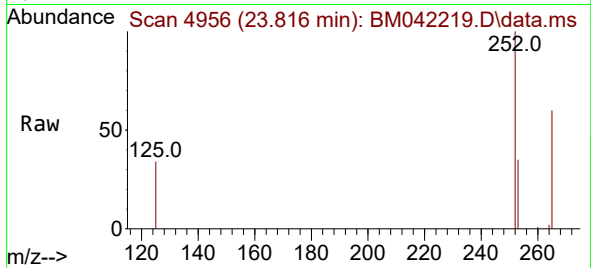




#26
Benzo(a)pyrene
Concen: 0.495 ng/ul
RT: 23.816 min Scan# 4956
Delta R.T. 0.009 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

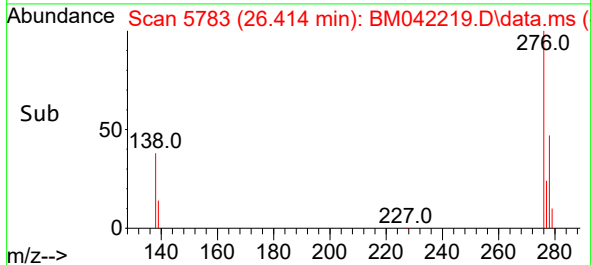
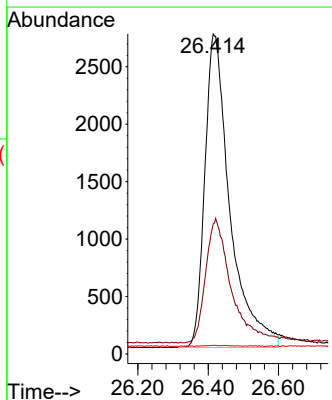
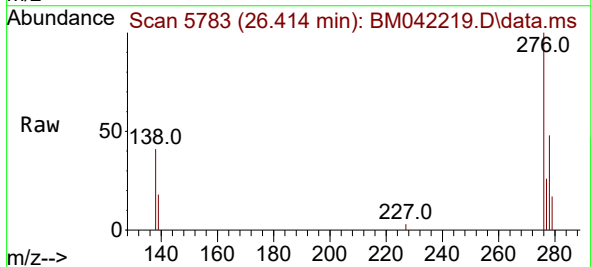
Instrument :
BNA_M
ClientSampleId :
SSTD0.4112

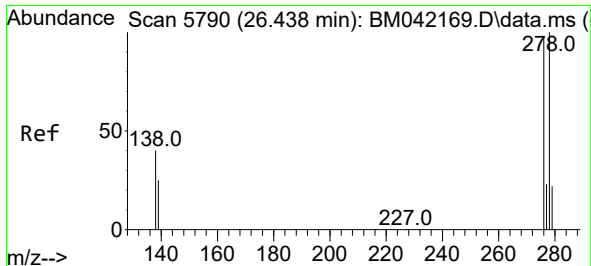
Tgt Ion:252 Resp: 9716
Ion Ratio Lower Upper
252 100
253 34.7 25.3 37.9
125 33.5 23.2 34.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng/ul
RT: 26.414 min Scan# 5783
Delta R.T. 0.010 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

Tgt Ion:276 Resp: 13550
Ion Ratio Lower Upper
276 100
138 40.2 26.7 40.1#
227 0.1 0.2 0.2#

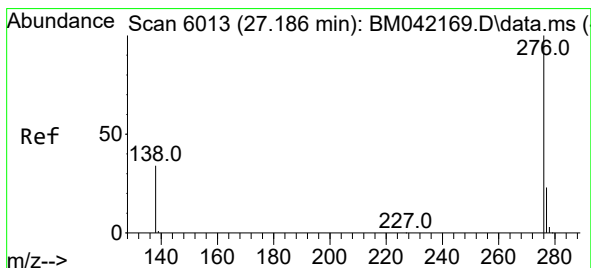
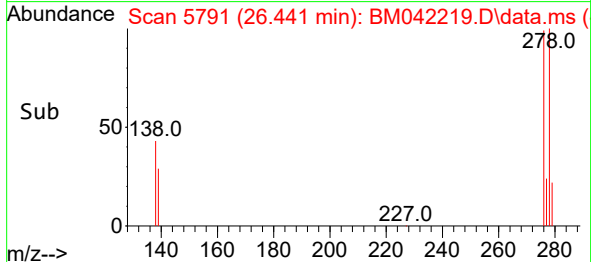
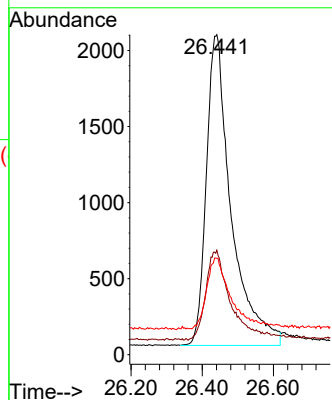
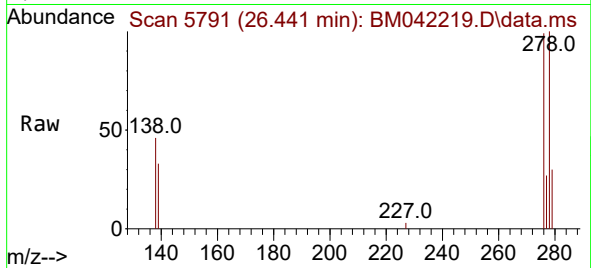




#28
Dibenzo(a,h)anthracene
Concen: 0.471 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. 0.017 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4112

Tgt Ion:278 Resp: 9897
Ion Ratio Lower Upper
278 100
139 32.7 21.7 32.5#
279 30.1 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.517 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. 0.010 min
Lab File: BM042219.D
Acq: 05 Oct 2023 16:30

Tgt Ion:276 Resp: 12020
Ion Ratio Lower Upper
276 100
138 36.4 26.8 40.2
277 25.8 20.1 30.1

