

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042648.D
 Acq On : 08 Nov 2023 14:22
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4127

Quant Time: Nov 08 22:54:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

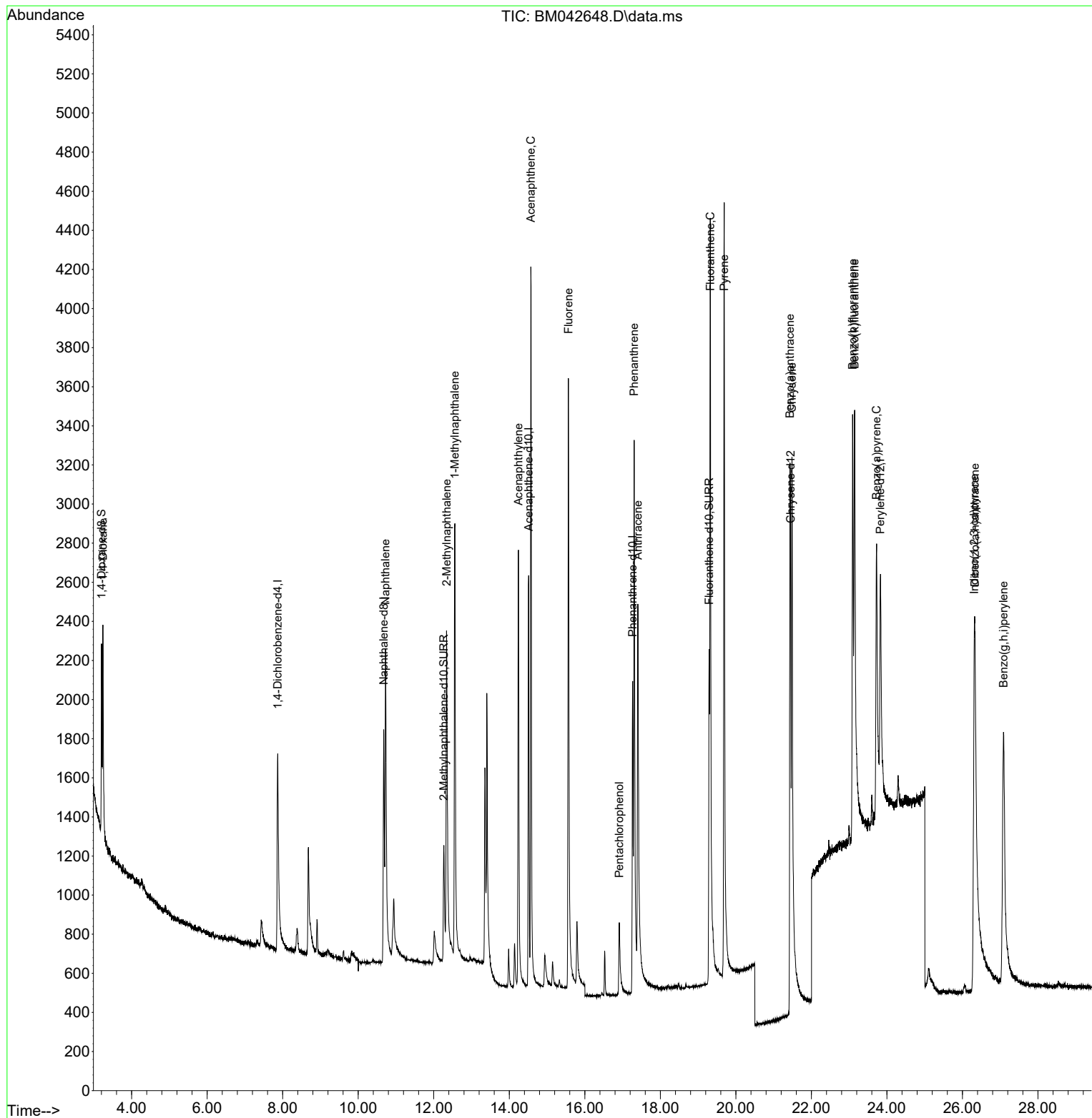
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	1027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	2231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	2395	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	1824	0.400	ng/ul	# 0.00
23) Perylene-d12	23.826	264	2123	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	595	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1222	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	2502	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	752	0.466	ng/ul#	71
5) Naphthalene	10.722	128	2982	0.414	ng/ul	99
7) 2-Methylnaphthalene	12.339	142	1836	0.397	ng/ul	94
8) 1-Methylnaphthalene	12.559	142	1850	0.395	ng/ul	100
10) Acenaphthylene	14.243	152	3377	0.396	ng/ul	98
11) Acenaphthene	14.571	153	2387	0.412	ng/ul	98
12) Fluorene	15.566	166	2618	0.394	ng/ul	99
14) Pentachlorophenol	16.913	266	433	0.355	ng/ul	97
15) Phenanthrene	17.306	178	3787	0.408	ng/ul	99
16) Anthracene	17.403	178	3399	0.404	ng/ul	98
19) Fluoranthene	19.323	202	4359	0.382	ng/ul	99
20) Pyrene	19.690	202	4758	0.380	ng/ul	97
21) Benzo(a)anthracene	21.435	228	2810	0.346	ng/ul	99
22) Chrysene	21.484	228	3130	0.373	ng/ul	100
24) Benzo(b)fluoranthene	23.092	252	3285	0.383	ng/ul	95
25) Benzo(k)fluoranthene	23.142	252	3494	0.389	ng/ul#	93
26) Benzo(a)pyrene	23.726	252	3631	0.409	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.312	276	4603	0.399	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.332	278	3304	0.401	ng/ul	95
29) Benzo(g,h,i)perylene	27.087	276	4268	0.398	ng/ul	98

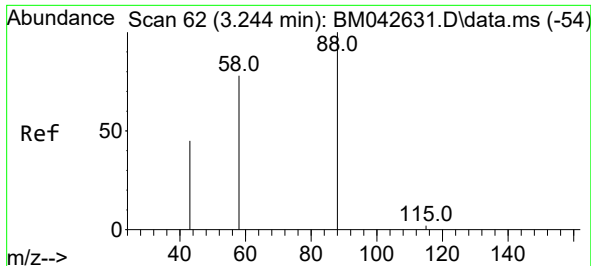
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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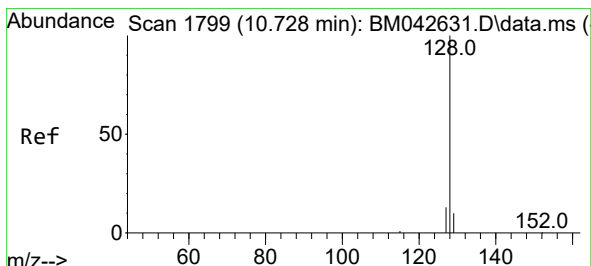
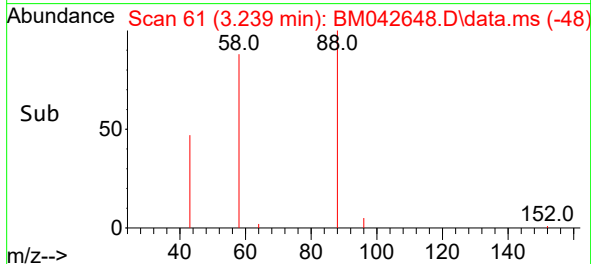
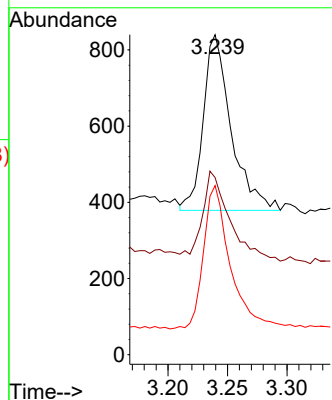
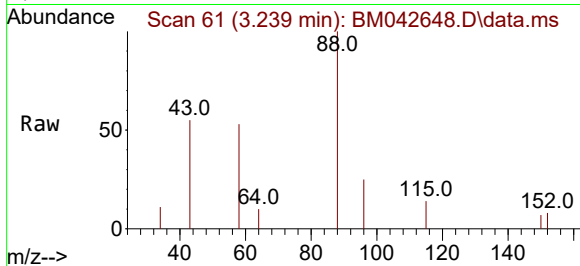




#2
1,4-Dioxane
Concen: 0.466 ng/ul
RT: 3.239 min Scan# 61
Delta R.T. -0.007 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

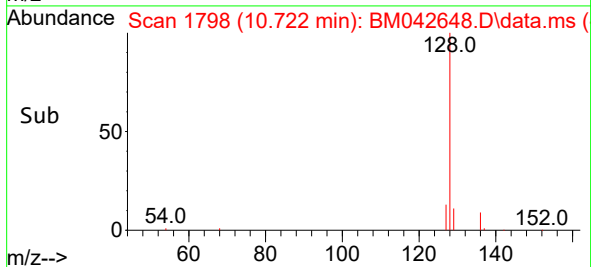
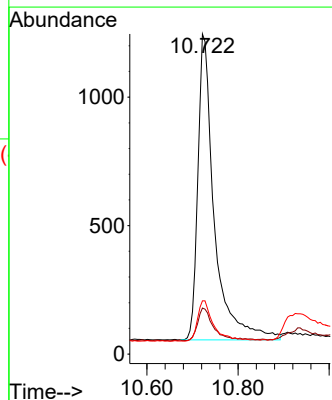
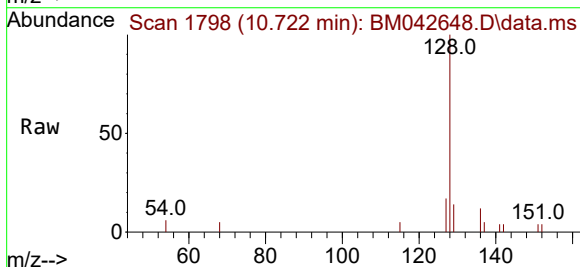
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

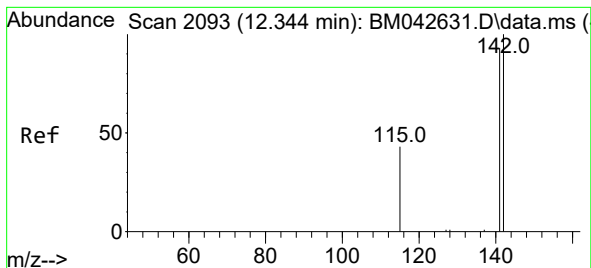
Tgt Ion: 88 Resp: 752
Ion Ratio Lower Upper
88 100
43 55.4 77.5 116.3#
58 52.9 40.9 61.3



#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.722 min Scan# 1798
Delta R.T. -0.013 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion: 128 Resp: 2982
Ion Ratio Lower Upper
128 100
129 14.4 11.3 16.9
127 16.6 13.0 19.4

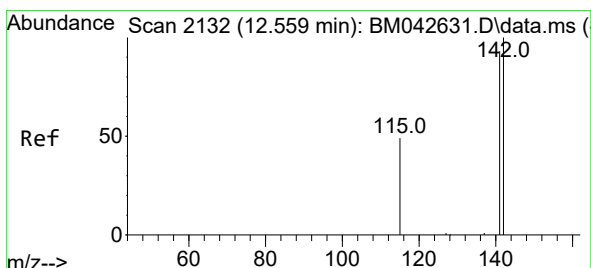
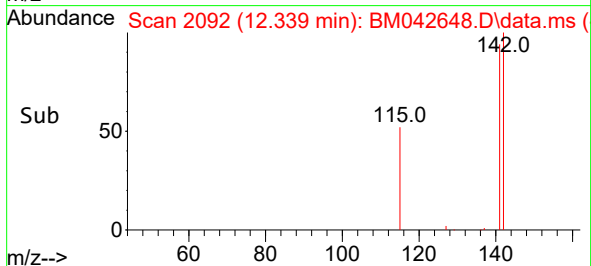
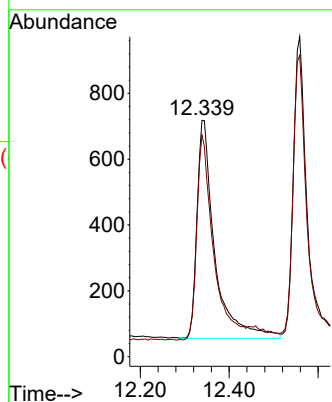
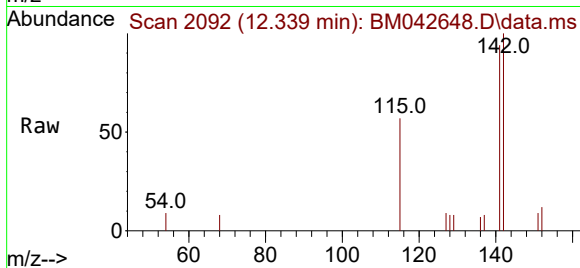




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.339 min Scan# 2092
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

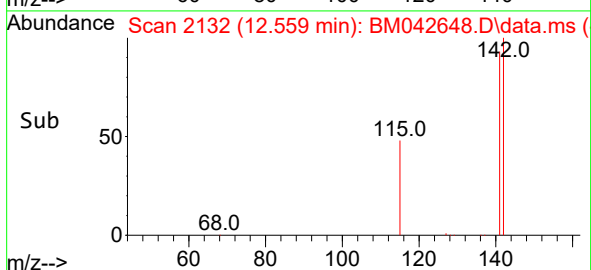
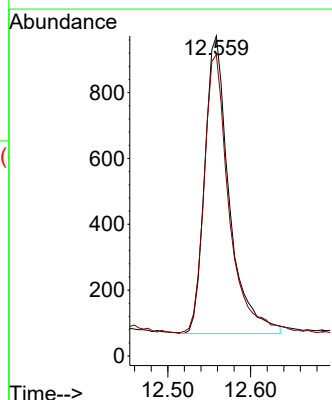
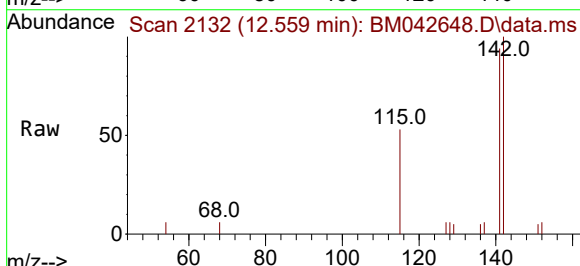
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

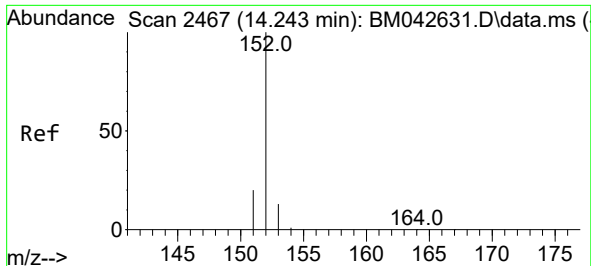
Tgt Ion:142 Resp: 1836
Ion Ratio Lower Upper
142 100
141 95.0 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:142 Resp: 1850
Ion Ratio Lower Upper
142 100
141 94.2 75.4 113.2

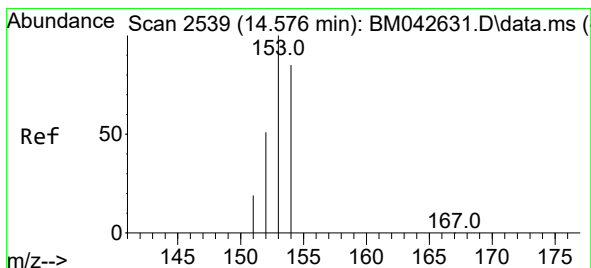
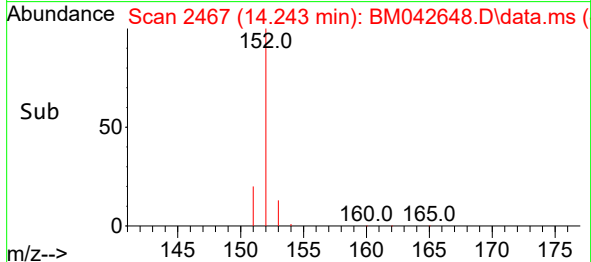
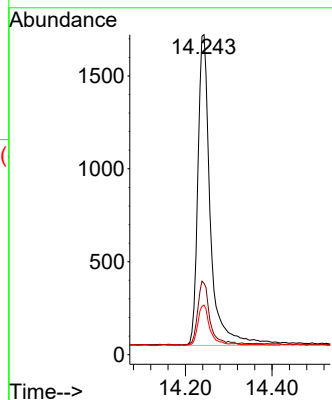
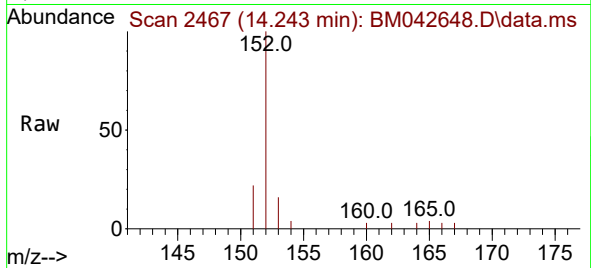




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

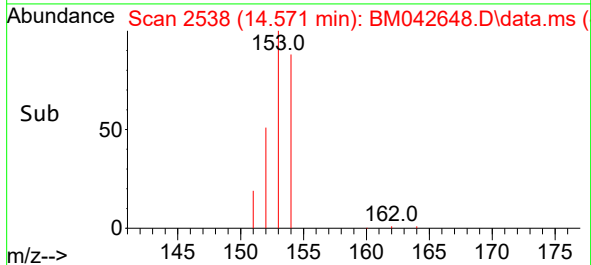
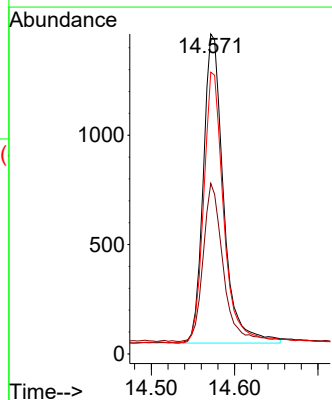
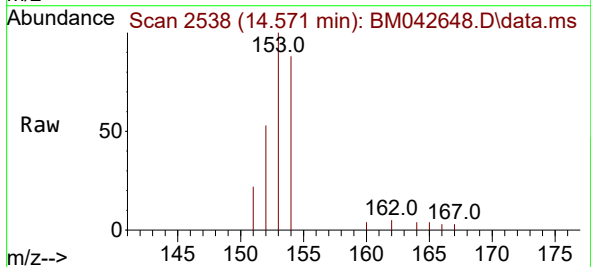
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

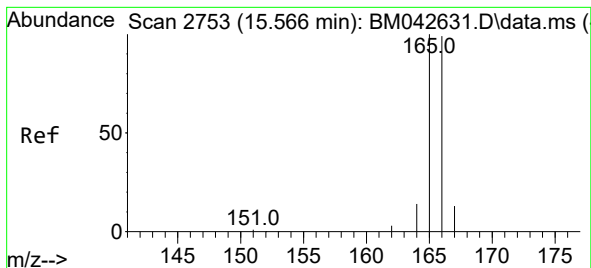
Tgt Ion:152	Resp:	3377
Ion Ratio	Lower	Upper
152	100	
151	22.3	17.2 25.8
153	15.5	11.8 17.8



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.571 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:153	Resp:	2387
Ion Ratio	Lower	Upper
153	100	
152	53.3	41.8 62.6
154	88.0	69.2 103.8





#12

Fluorene

Concen: 0.394 ng/ul

RT: 15.566 min Scan# 21

Delta R.T. -0.002 min

Lab File: BM042648.D

Acq: 08 Nov 2023 14:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.4127

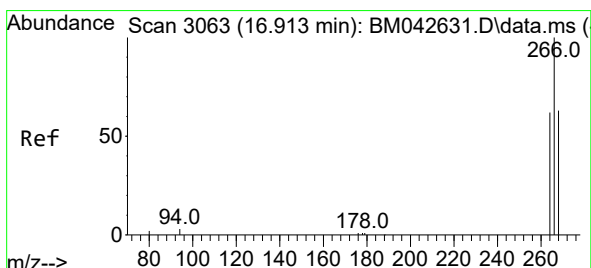
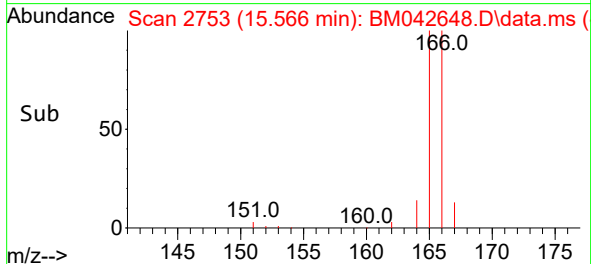
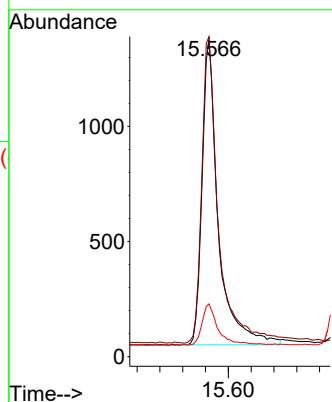
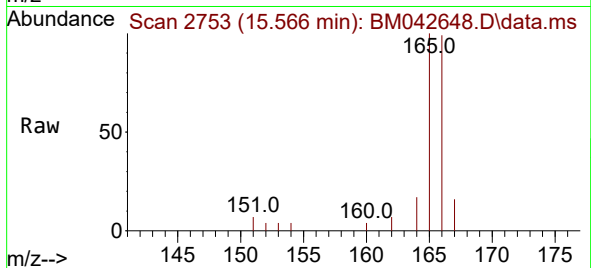
Tgt Ion:166 Resp: 2618

Ion Ratio Lower Upper

166 100

165 101.2 81.2 121.8

167 16.7 11.9 17.9



#14

Pentachlorophenol

Concen: 0.355 ng/ul

RT: 16.913 min Scan# 3063

Delta R.T. 0.002 min

Lab File: BM042648.D

Acq: 08 Nov 2023 14:22

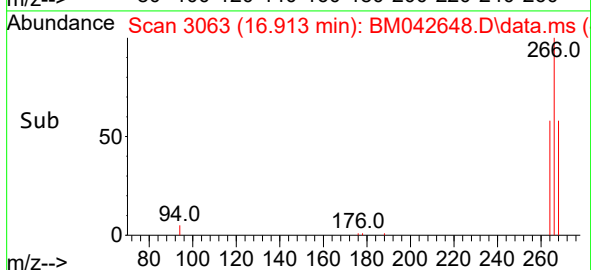
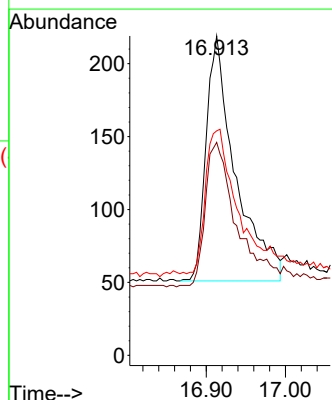
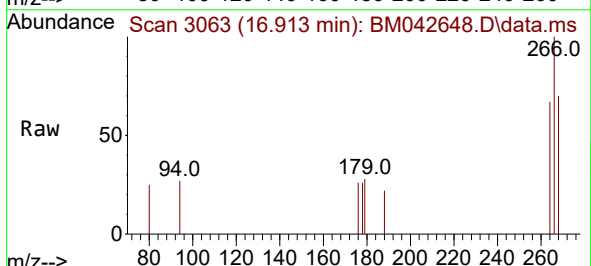
Tgt Ion:266 Resp: 433

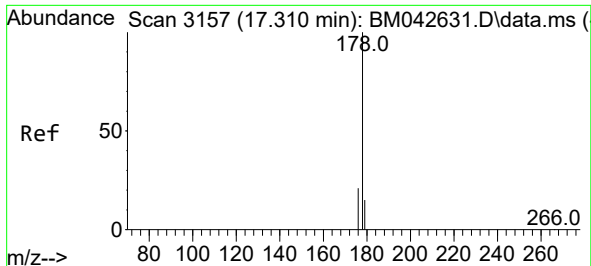
Ion Ratio Lower Upper

266 100

264 64.0 50.4 75.6

268 64.2 54.8 82.2

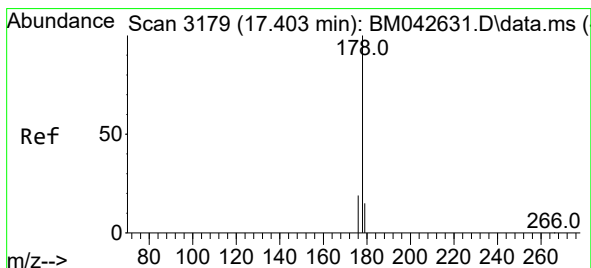
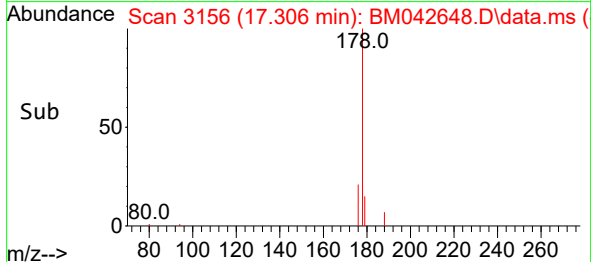
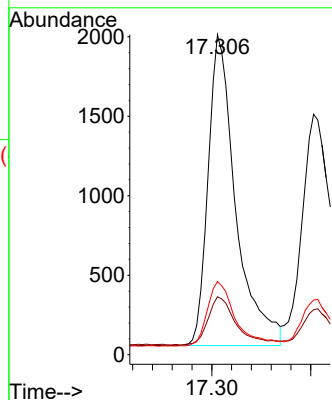
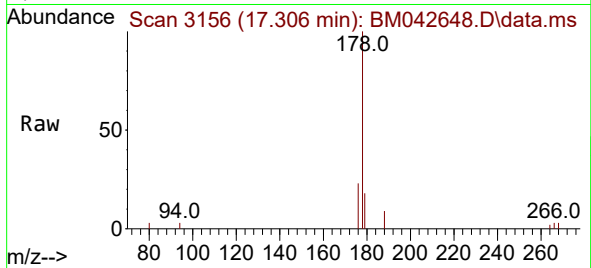




#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.306 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

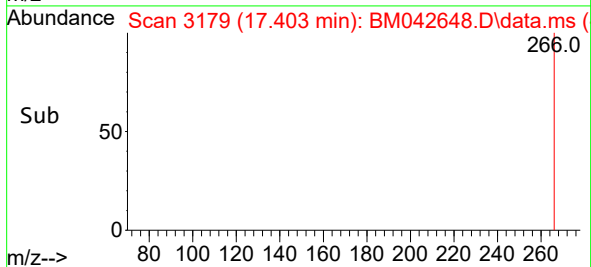
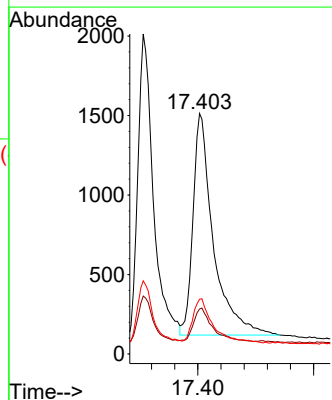
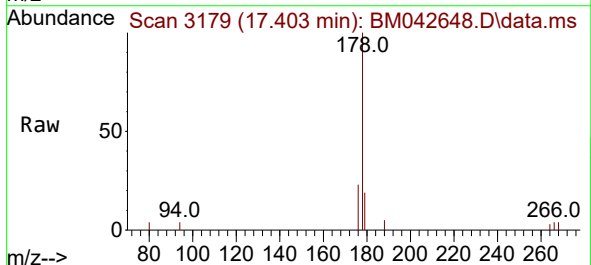
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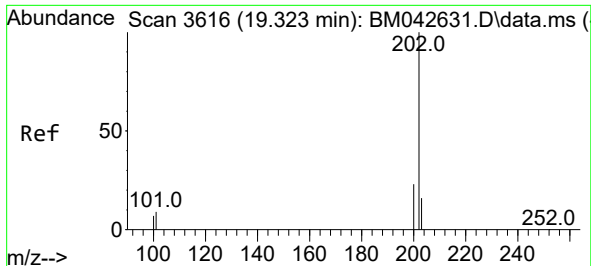
Tgt Ion:178 Resp: 3787
Ion Ratio Lower Upper
178 100
179 18.1 13.7 20.5
176 22.9 18.2 27.2



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:178 Resp: 3399
Ion Ratio Lower Upper
178 100
179 18.7 14.2 21.4
176 22.8 17.6 26.4

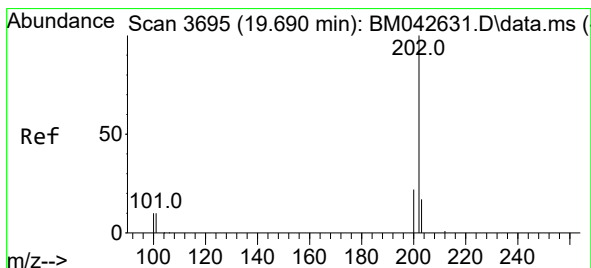
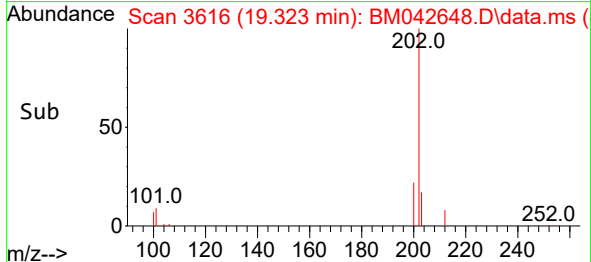
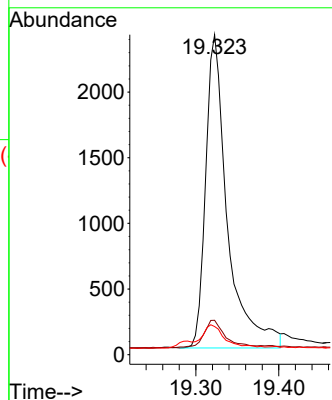
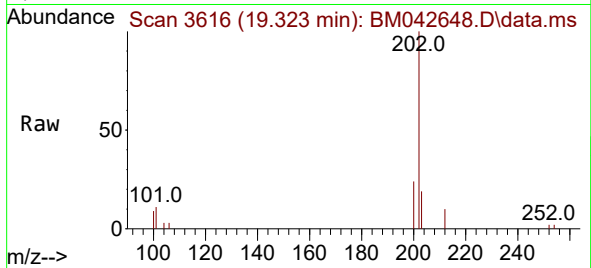




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.007 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

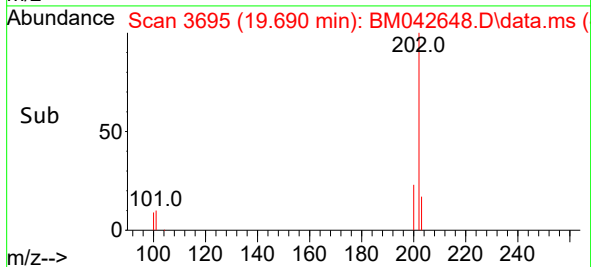
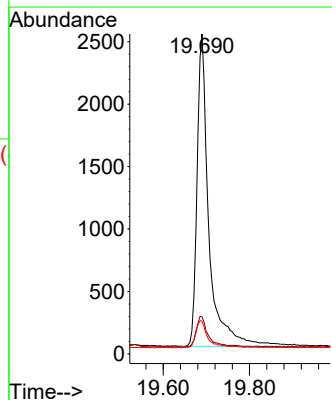
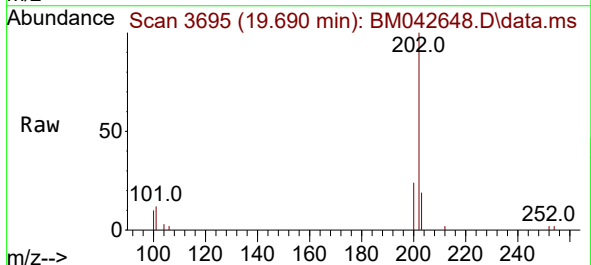
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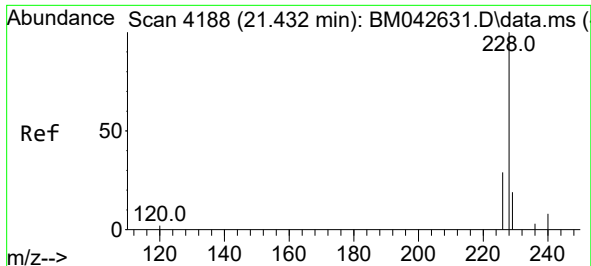
Tgt Ion:202 Resp: 4359
Ion Ratio Lower Upper
202 100
101 10.8 9.0 13.6
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.007 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

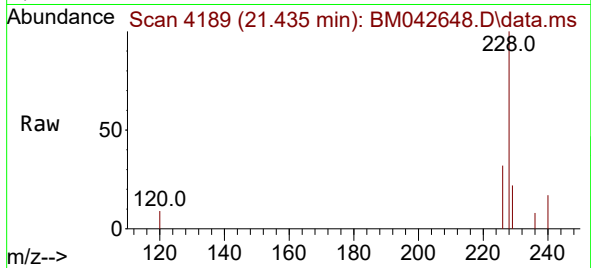
Tgt Ion:202 Resp: 4758
Ion Ratio Lower Upper
202 100
101 11.7 10.6 16.0
100 10.3 8.6 13.0



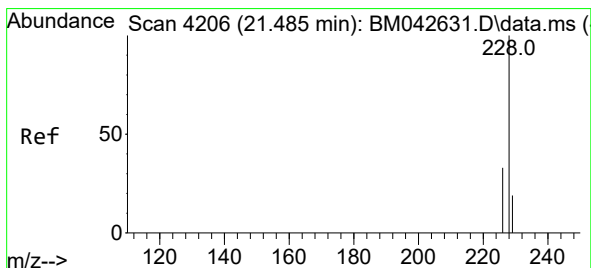
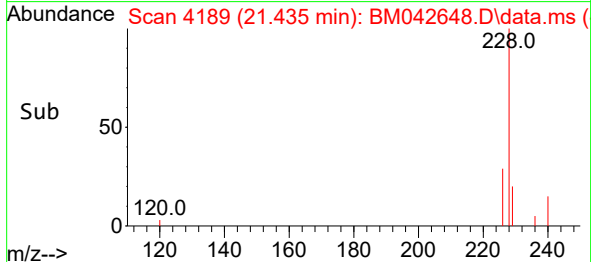
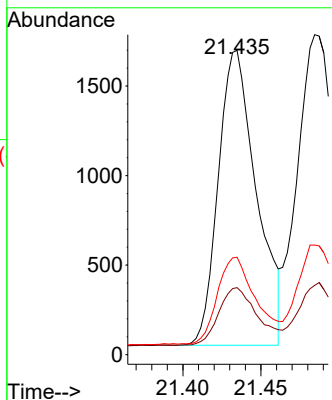


#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.435 min Scan# 4188
Delta R.T. -0.002 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
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ClientSampleId :
SSTD0.4127

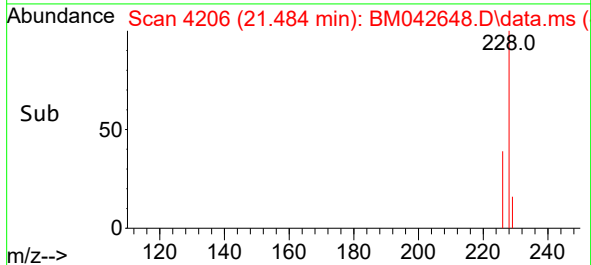
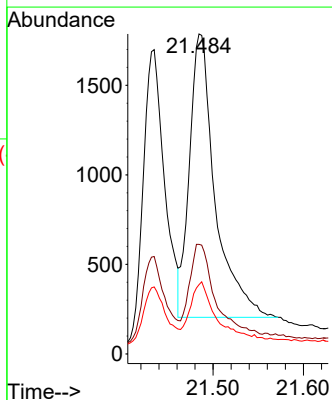
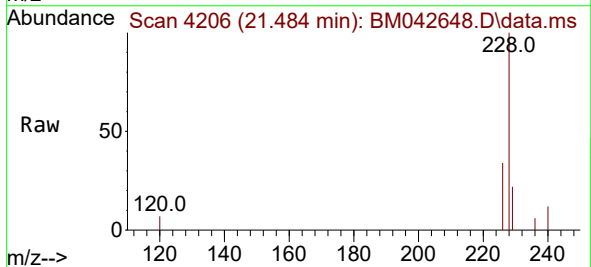


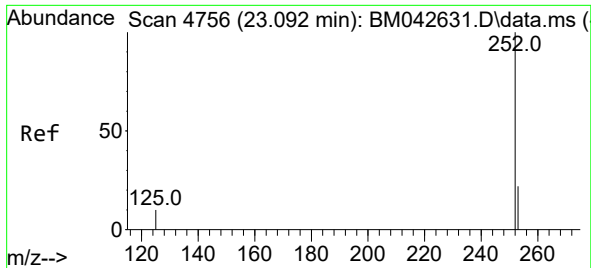
Tgt Ion:228 Resp: 2810
Ion Ratio Lower Upper
228 100
229 22.0 17.0 25.4
226 32.0 25.2 37.8



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.484 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:228 Resp: 3130
Ion Ratio Lower Upper
228 100
226 34.2 27.4 41.0
229 21.7 17.0 25.6

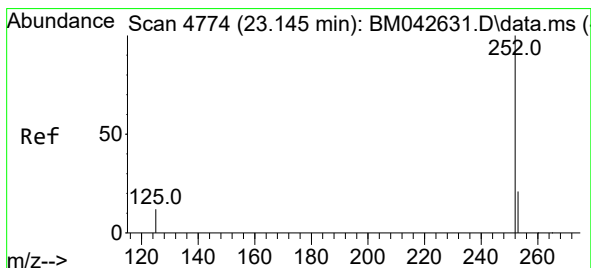
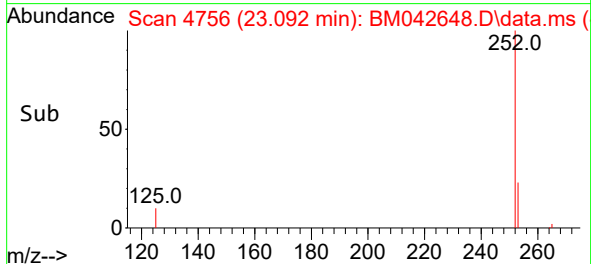
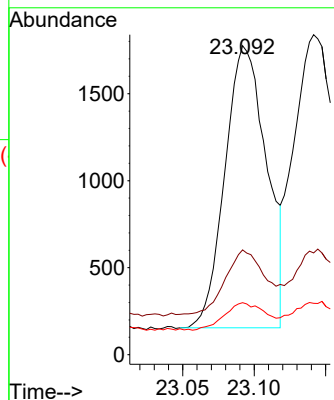
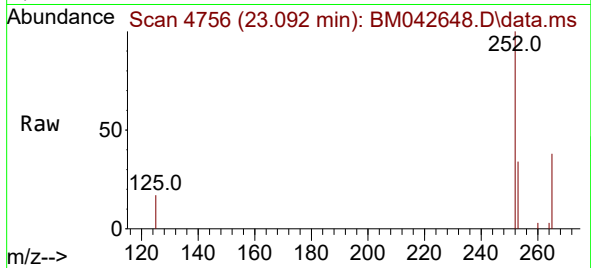




#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.092 min Scan# 4756
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

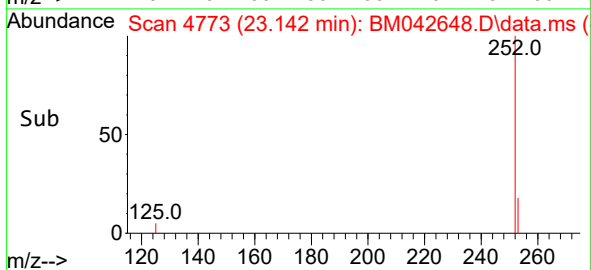
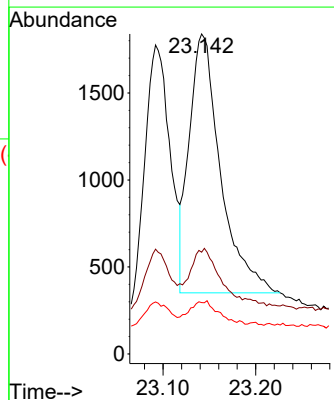
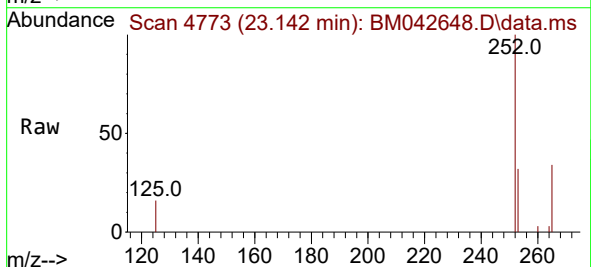
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

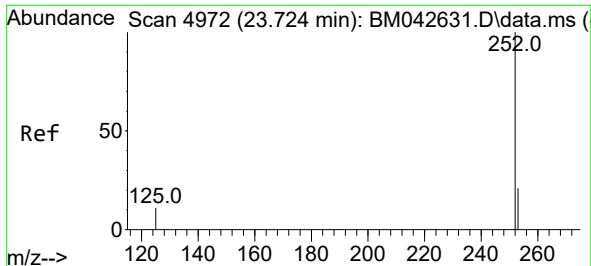
Tgt Ion:252	Resp:	3285
Ion Ratio	Lower	Upper
252	100	
253	33.9	0.0 65.8
125	16.8	0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:252	Resp:	3494
Ion Ratio	Lower	Upper
252	100	
253	31.8	27.0 40.6
125	16.0	17.5 26.3

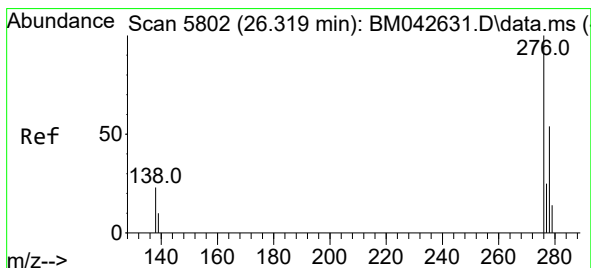
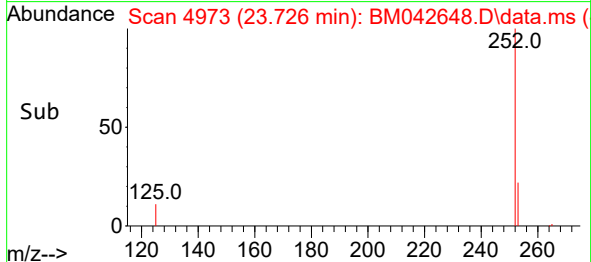
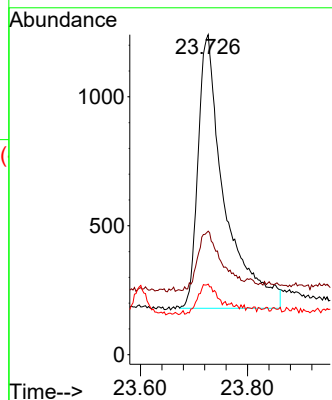
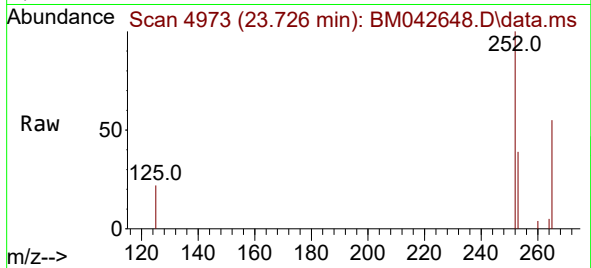




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.726 min Scan# 4972
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

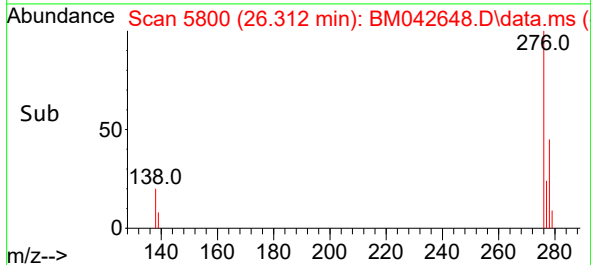
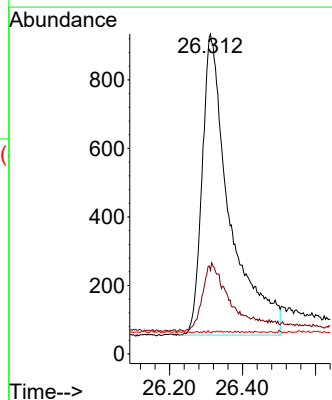
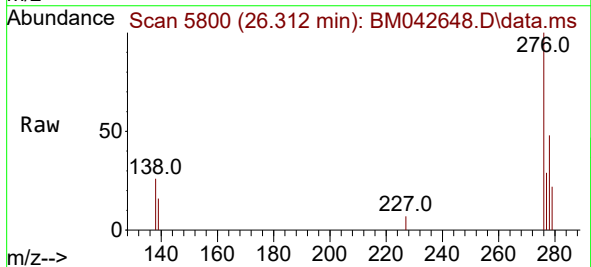
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

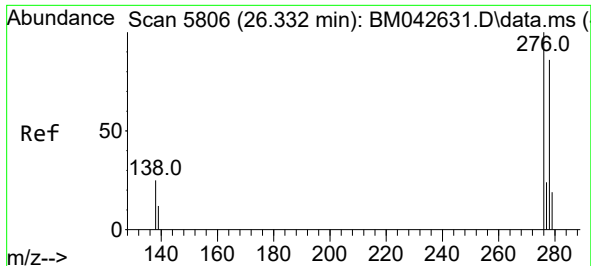
Tgt Ion:252 Resp: 3631
Ion Ratio Lower Upper
252 100
253 38.6 31.7 47.5
125 22.1 22.1 33.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng/ul
RT: 26.312 min Scan# 5800
Delta R.T. -0.016 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:276 Resp: 4603
Ion Ratio Lower Upper
276 100
138 23.8 20.7 31.1
227 0.0 0.1 0.1#

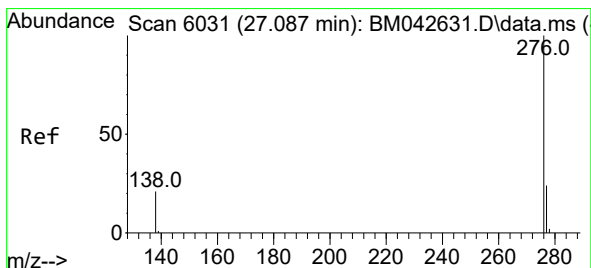
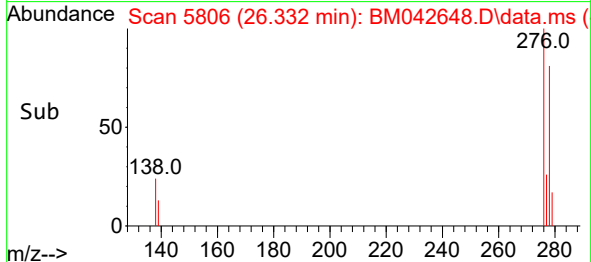
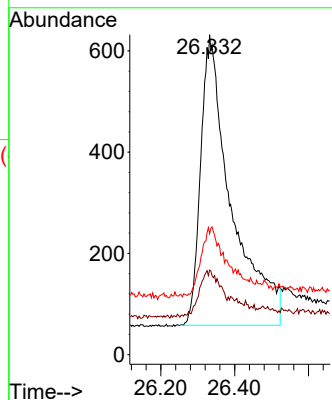
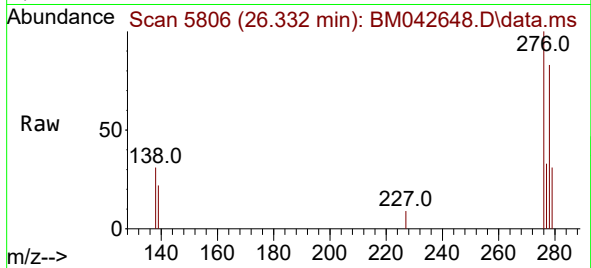




#28
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 26.332 min Scan# 5806
Delta R.T. -0.016 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:278 Resp: 3304
Ion Ratio Lower Upper
278 100
139 26.4 24.3 36.5
279 37.8 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 27.087 min Scan# 6031
Delta R.T. -0.019 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:276 Resp: 4268
Ion Ratio Lower Upper
276 100
138 26.4 22.3 33.5
277 30.2 23.6 35.4

