

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
 Data File : BM045205.D
 Acq On : 13 Apr 2024 15:16
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4073

Quant Time: Apr 15 00:35:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 00:32:25 2024
 Response via : Initial Calibration

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

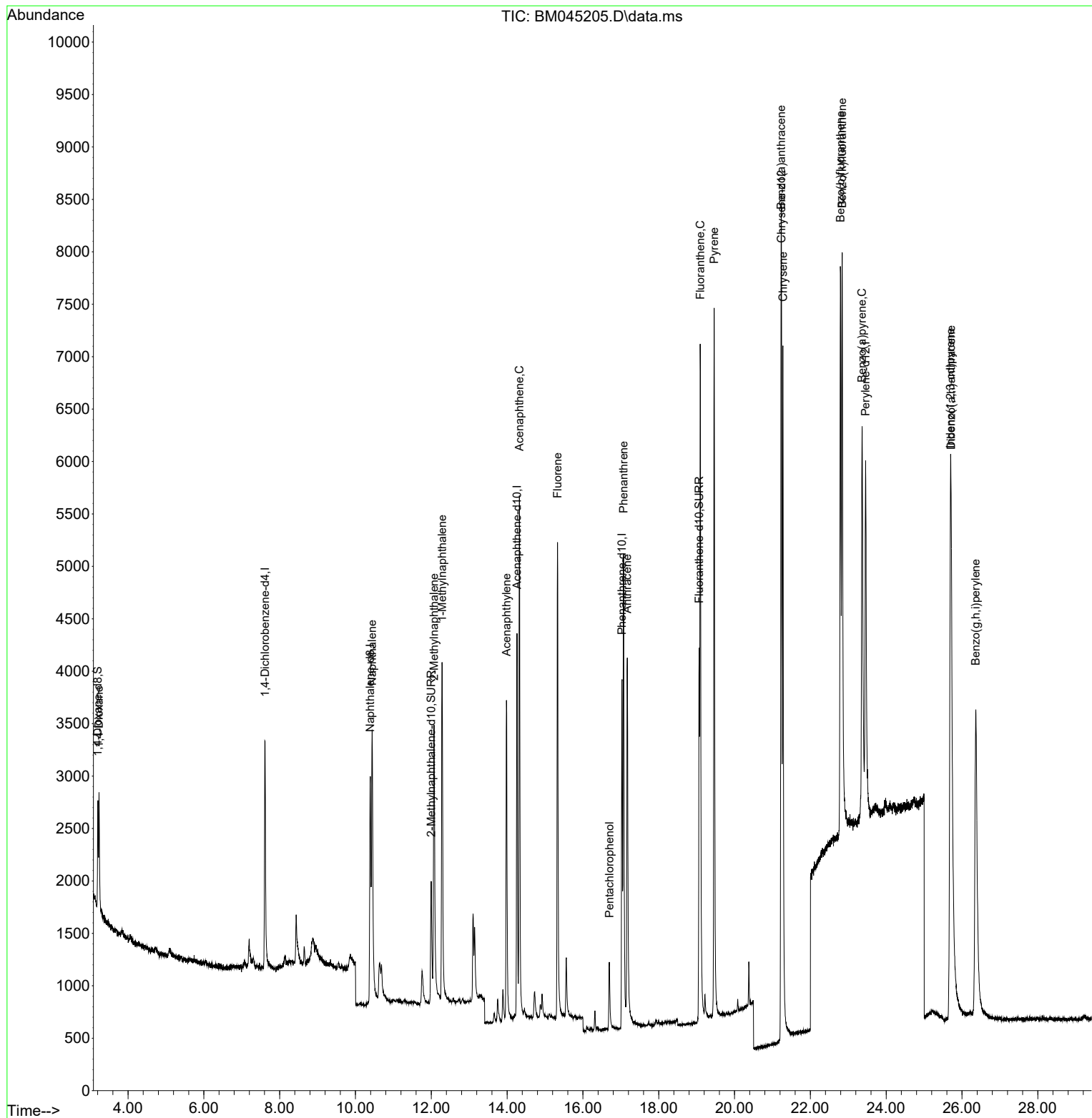
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1440	0.400	ng/ul	0.00
4) Naphthalene-d8	10.391	136	4303	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.261	164	2271	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.031	188	5144	0.400	ng/ul	0.00
17) Chrysene-d12	21.239	240	4460	0.400	ng/ul	0.00
23) Perylene-d12	23.457	264	5687	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	781	0.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	2352	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.067	212	4951	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	729	0.402	ng/ul#	47
5) Naphthalene	10.440	128	4987	0.437	ng/ul	99
7) 2-Methylnaphthalene	12.074	142	2888	0.424	ng/ul	99
8) 1-Methylnaphthalene	12.288	142	2982	0.401	ng/ul	98
10) Acenaphthylene	13.984	152	4583	0.404	ng/ul	97
11) Acenaphthene	14.326	153	3332	0.411	ng/ul	99
12) Fluorene	15.330	166	3724	0.410	ng/ul#	97
14) Pentachlorophenol	16.698	266	628	0.521	ng/ul	96
15) Phenanthrene	17.073	178	5852	0.404	ng/ul	99
16) Anthracene	17.171	178	5816	0.408	ng/ul	97
19) Fluoranthene	19.095	202	6968	0.437	ng/ul	97
20) Pyrene	19.462	202	7358	0.437	ng/ul	97
21) Benzo(a)anthracene	21.227	228	6473	0.417	ng/ul	97
22) Chrysene	21.277	228	7752	0.400	ng/ul	98
24) Benzo(b)fluoranthene	22.794	252	7580	0.369	ng/ul	95
25) Benzo(k)fluoranthene	22.840	252	9082	0.395	ng/ul	97
26) Benzo(a)pyrene	23.364	252	7800	0.398	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.695	276	10190	0.379	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.715	278	8169	0.384	ng/ul#	93
29) Benzo(g,h,i)perylene	26.365	276	8867	0.383	ng/ul	94

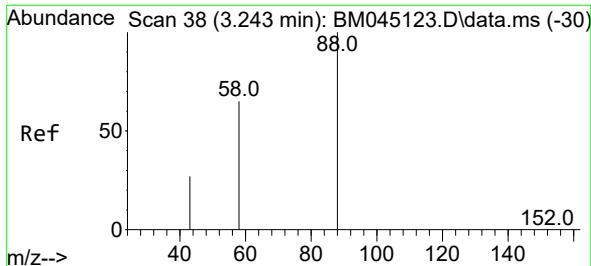
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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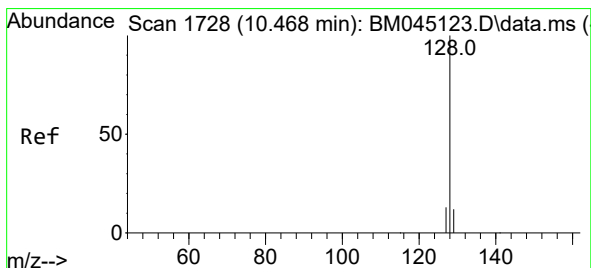
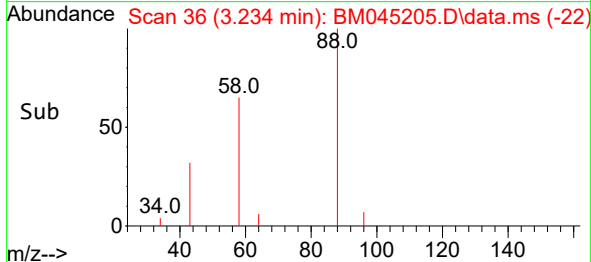
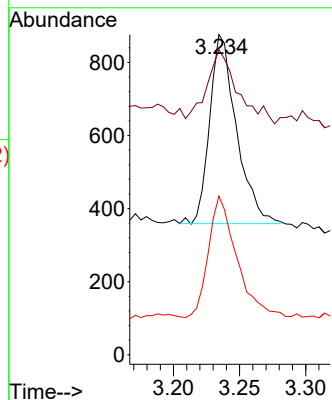
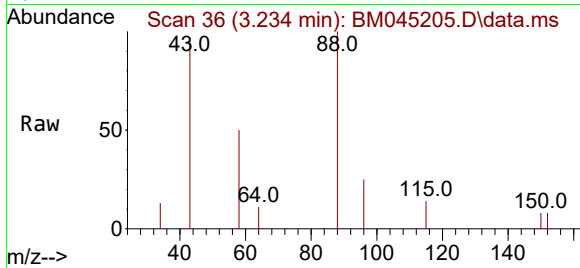




#2
1,4-Dioxane
Concen: 0.402 ng/ul
RT: 3.234 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

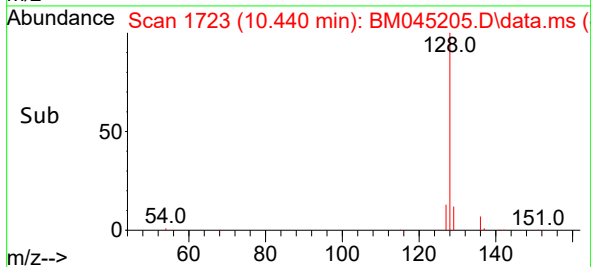
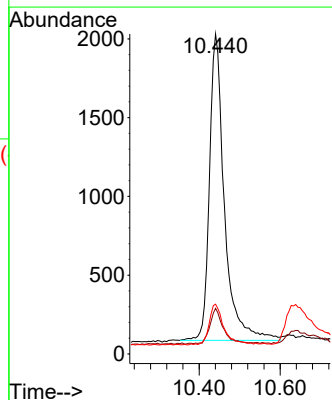
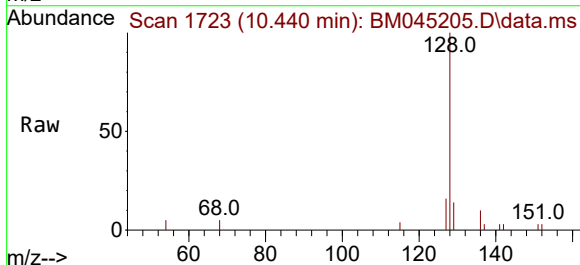
Instrument :
BNA_M
ClientSampleId :
SSTD0.4073

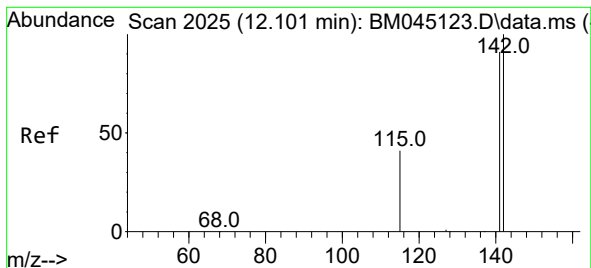
Tgt Ion: 88 Resp: 729
Ion Ratio Lower Upper
88 100
43 95.3 30.6 46.0#
58 49.5 32.6 48.8#



#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.440 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Tgt Ion: 128 Resp: 4987
Ion Ratio Lower Upper
128 100
129 14.2 11.3 16.9
127 15.6 11.9 17.9

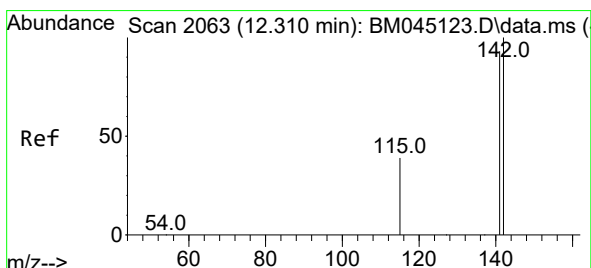
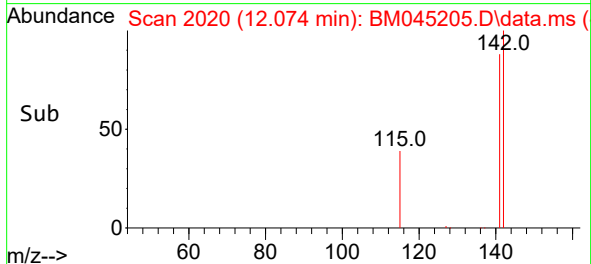
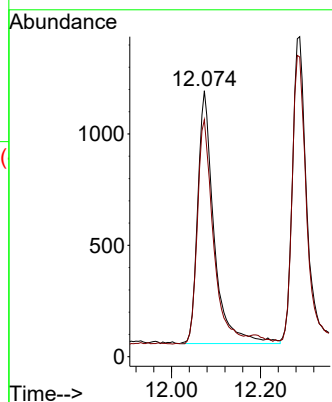
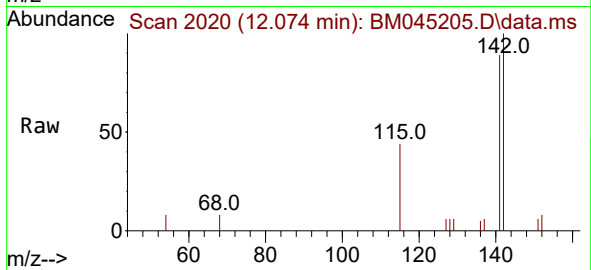




#7
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

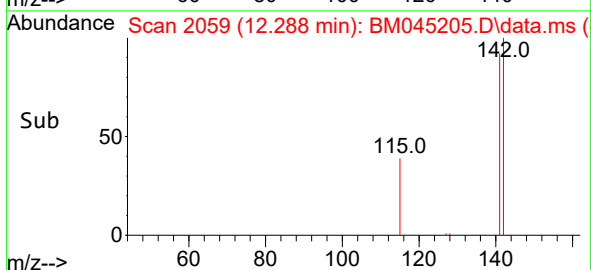
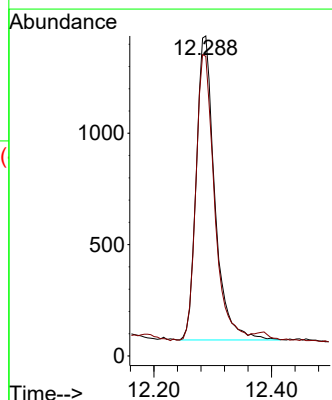
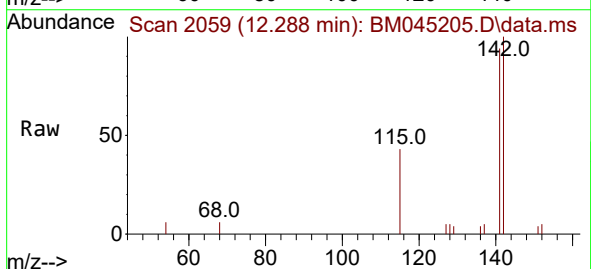
Instrument :
BNA_M
ClientSampleId :
SSTD0.4073

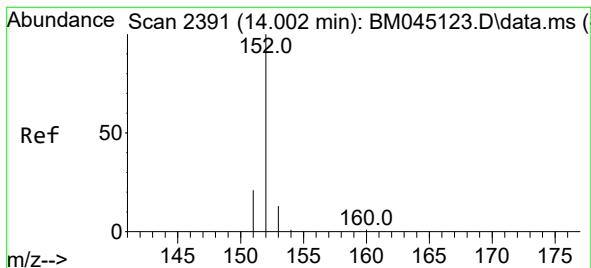
Tgt Ion:142 Resp: 2888
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.288 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Tgt Ion:142 Resp: 2982
Ion Ratio Lower Upper
142 100
141 94.5 74.2 111.2





#10

Acenaphthylene

Concen: 0.404 ng/ul

RT: 13.984 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045205.D

Acq: 13 Apr 2024 15:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.4073

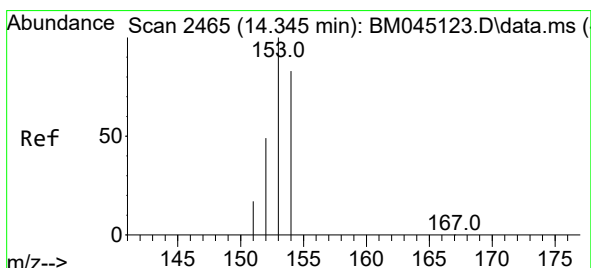
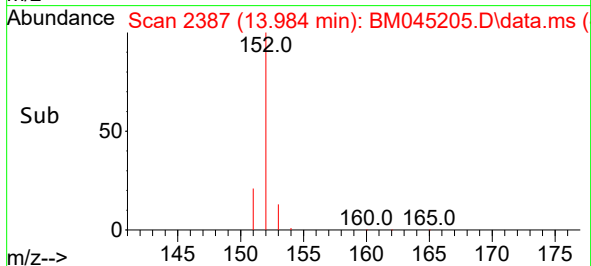
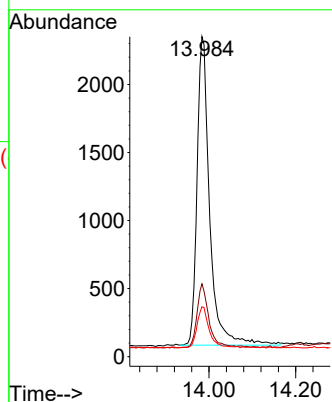
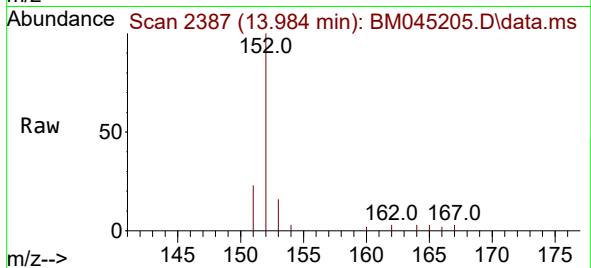
Tgt Ion:152 Resp: 4583

Ion Ratio Lower Upper

152 100

151 22.7 17.0 25.4

153 15.6 11.9 17.9



#11

Acenaphthene

Concen: 0.411 ng/ul

RT: 14.326 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BM045205.D

Acq: 13 Apr 2024 15:16

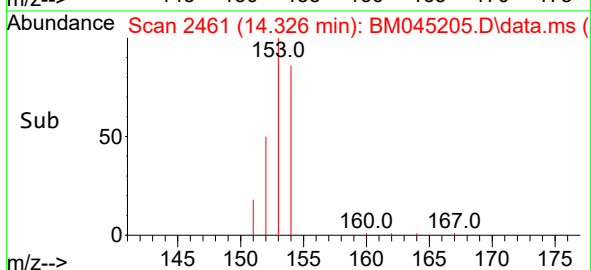
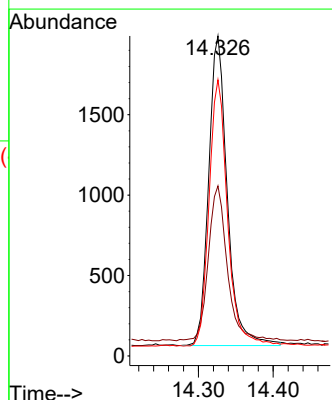
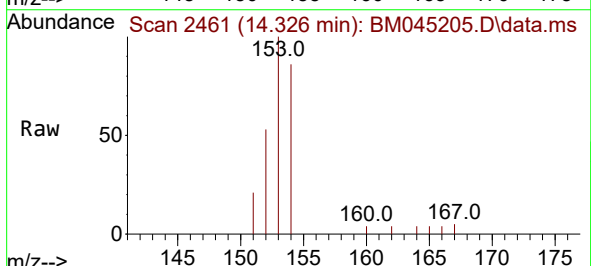
Tgt Ion:153 Resp: 3332

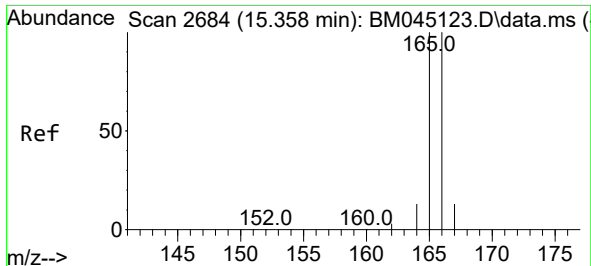
Ion Ratio Lower Upper

153 100

152 53.2 41.2 61.8

154 86.3 69.4 104.0

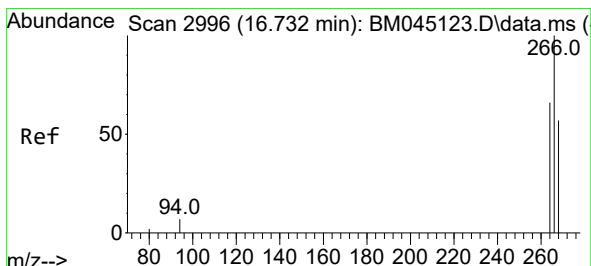
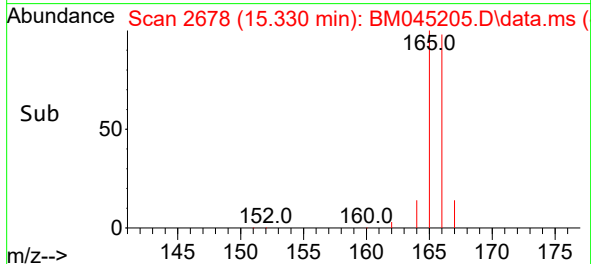
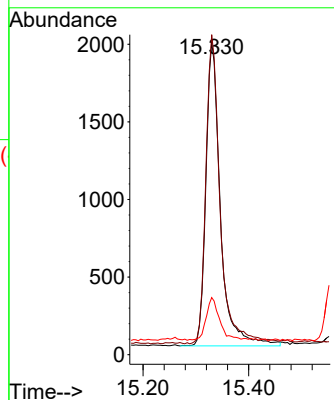
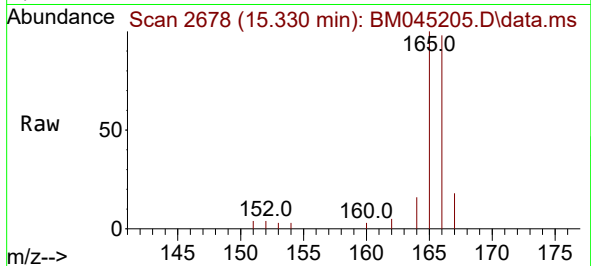




#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.330 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

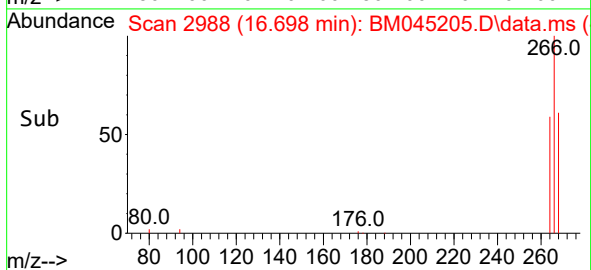
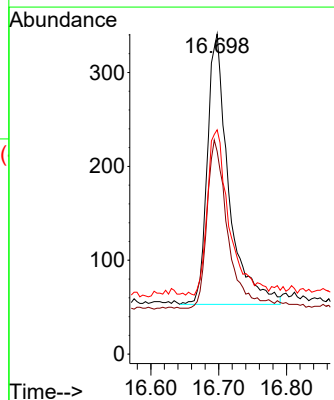
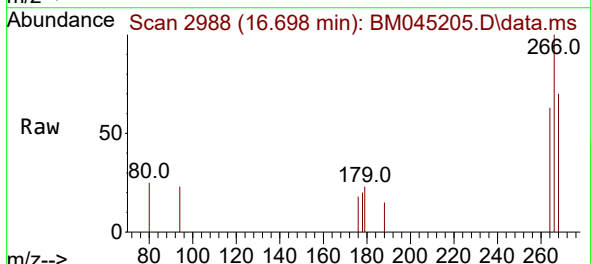
Instrument :
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ClientSampleId :
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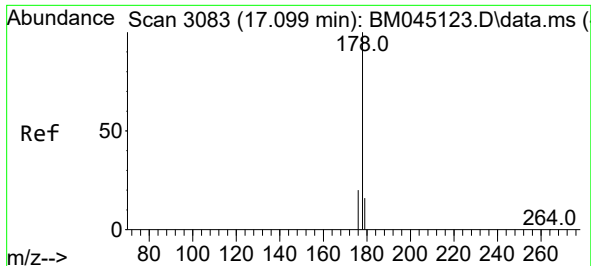
Tgt Ion:166 Resp: 3724
Ion Ratio Lower Upper
166 100
165 102.4 79.9 119.9
167 18.3 12.2 18.2#



#14
Pentachlorophenol
Concen: 0.521 ng/ul
RT: 16.698 min Scan# 2988
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Tgt Ion:266 Resp: 628
Ion Ratio Lower Upper
266 100
264 62.7 48.3 72.5
268 62.1 52.6 79.0

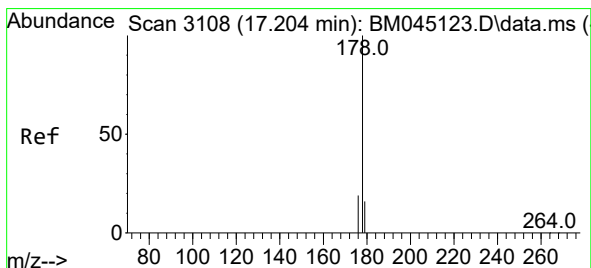
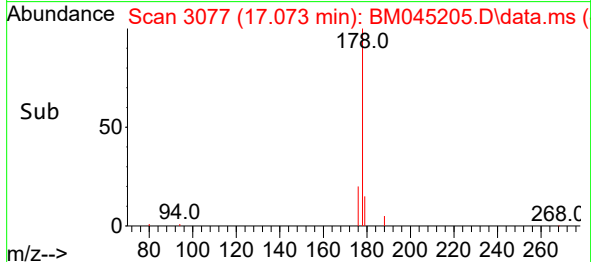
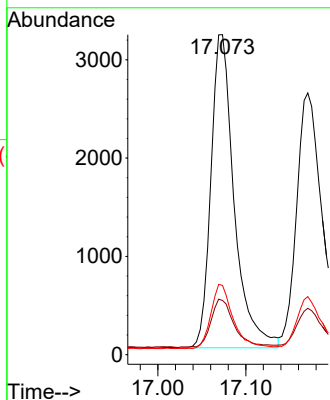
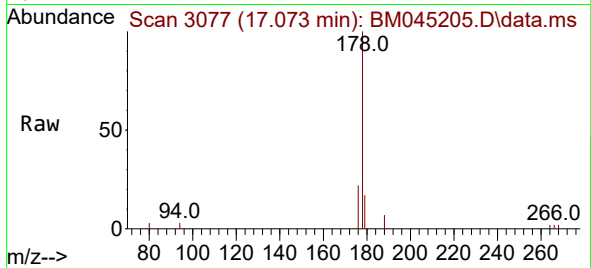




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.073 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

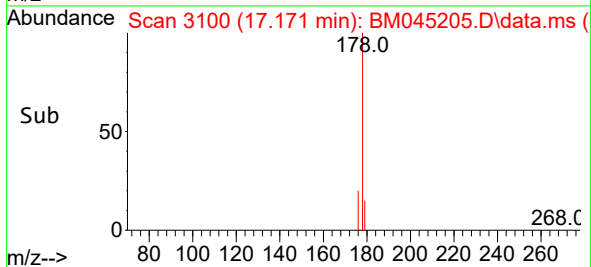
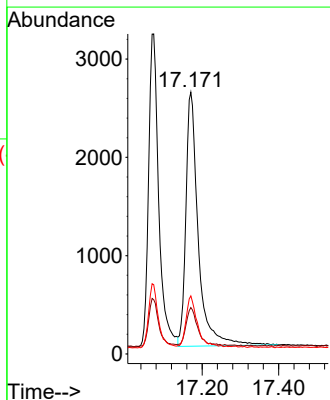
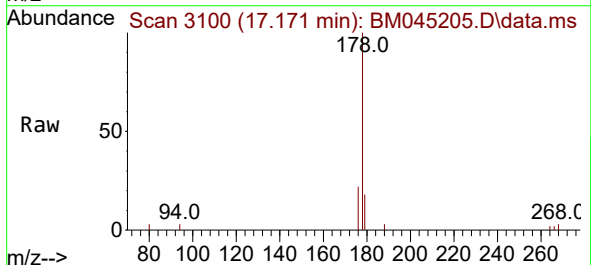
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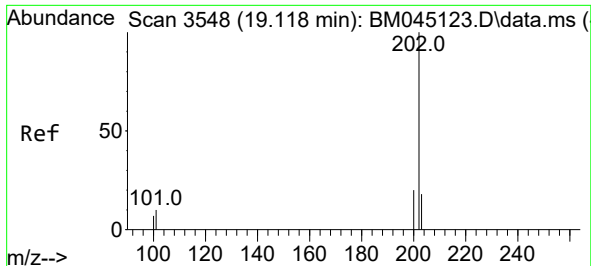
Tgt Ion:178 Resp: 5852
Ion Ratio Lower Upper
178 100
179 17.0 13.7 20.5
176 21.6 17.0 25.4



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.171 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Tgt Ion:178 Resp: 5816
Ion Ratio Lower Upper
178 100
179 17.7 13.8 20.8
176 22.2 16.2 24.4

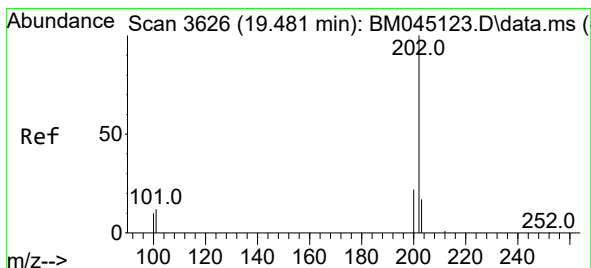
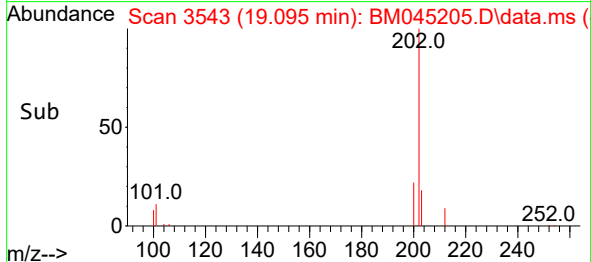
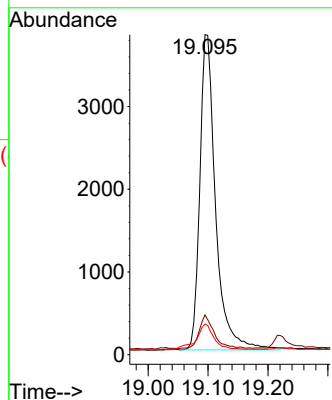
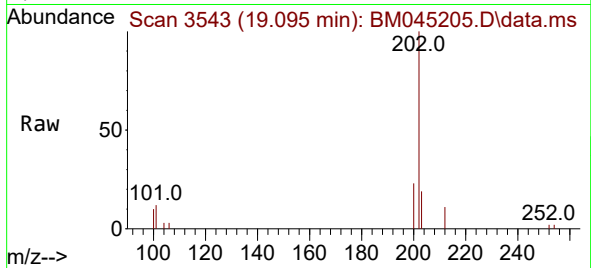




#19
Fluoranthene
Concen: 0.437 ng/ul
RT: 19.095 min Scan# 3543
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

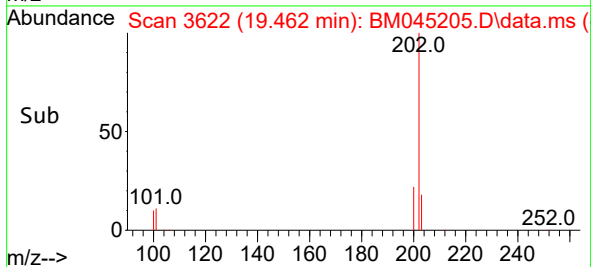
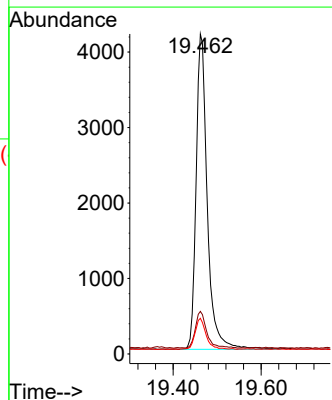
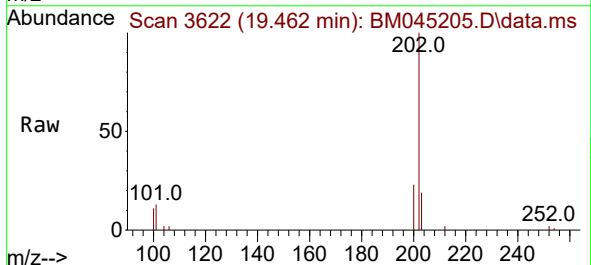
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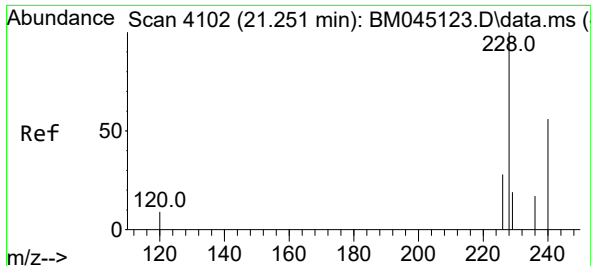
Tgt Ion:202 Resp: 6968
Ion Ratio Lower Upper
202 100
101 12.4 8.8 13.2
100 9.6 7.0 10.4



#20
Pyrene
Concen: 0.437 ng/ul
RT: 19.462 min Scan# 3622
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

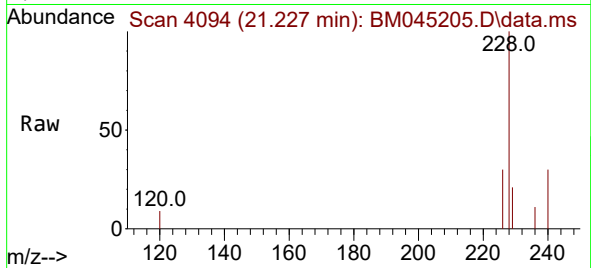
Tgt Ion:202 Resp: 7358
Ion Ratio Lower Upper
202 100
101 13.3 9.8 14.6
100 11.2 8.1 12.1



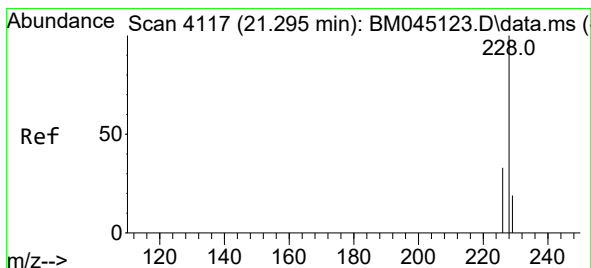
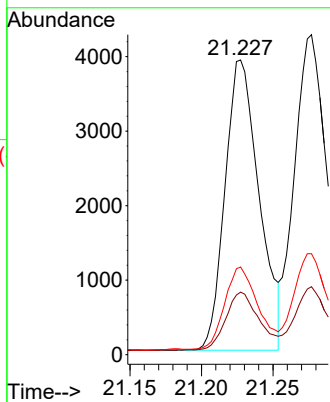
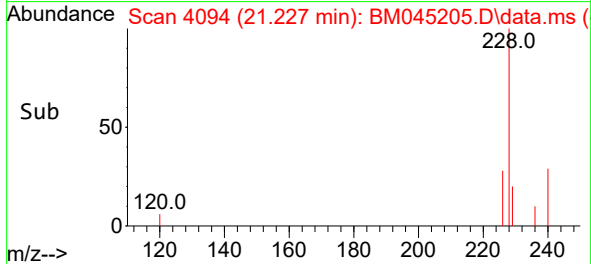


#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.227 min Scan# 4094
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4073

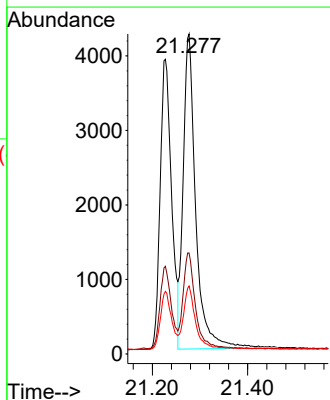
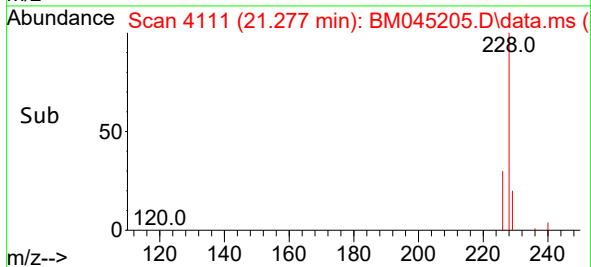
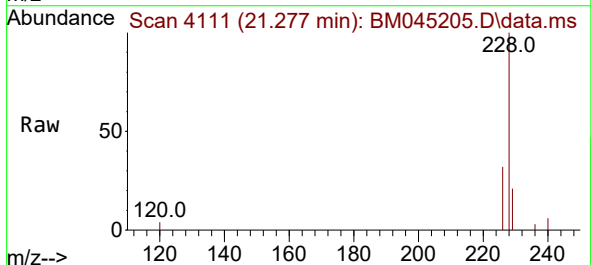


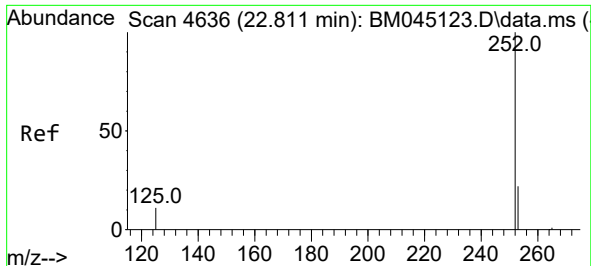
Tgt Ion:228 Resp: 6473
Ion Ratio Lower Upper
228 100
229 21.2 16.4 24.6
226 29.7 22.3 33.5



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.277 min Scan# 4111
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

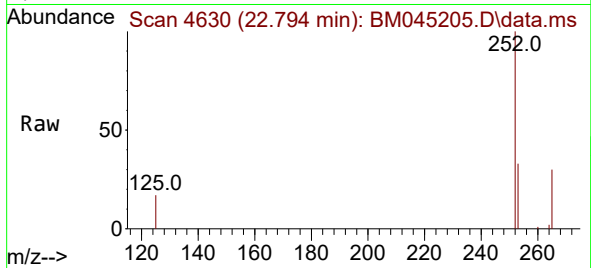
Tgt Ion:228 Resp: 7752
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 21.3 15.9 23.9



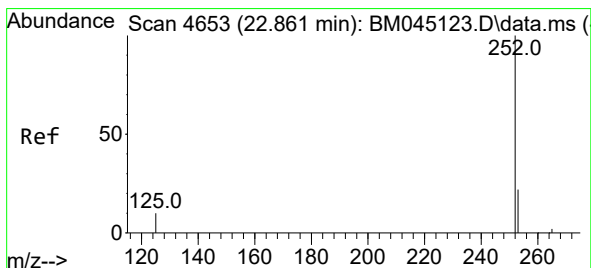
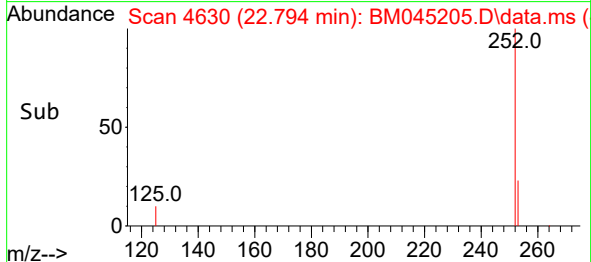
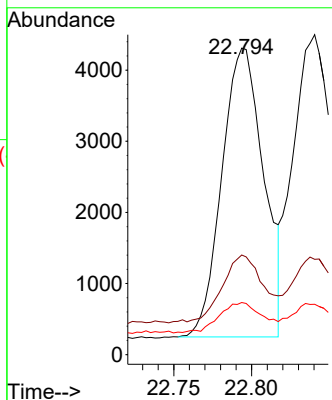


#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.794 min Scan# 4630
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4073

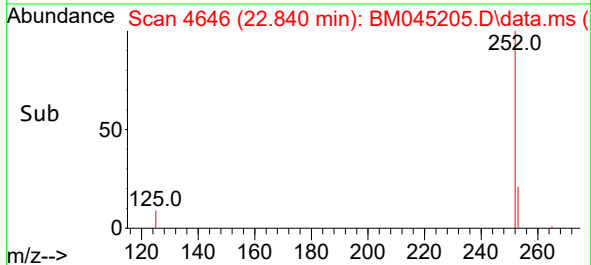
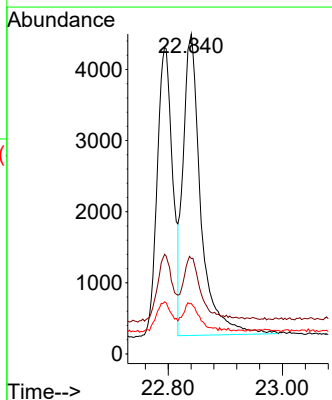
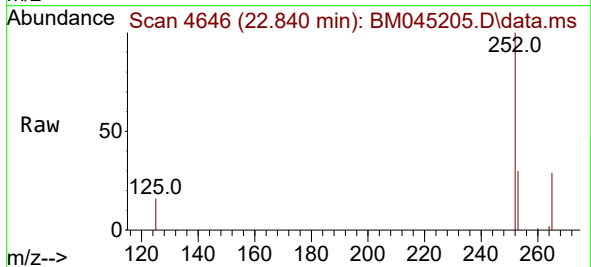


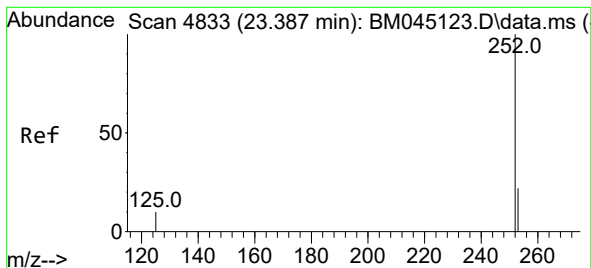
Tgt Ion:252 Resp: 7580
Ion Ratio Lower Upper
252 100
253 32.5 0.0 56.4
125 17.0 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 22.840 min Scan# 4646
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Tgt Ion:252 Resp: 9082
Ion Ratio Lower Upper
252 100
253 29.8 22.3 33.5
125 15.7 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 23.364 min Scan# 4825

Delta R.T. 0.000 min

Lab File: BM045205.D

Acq: 13 Apr 2024 15:16

Instrument :

BNA_M

ClientSampleId :

SSTD0.4073

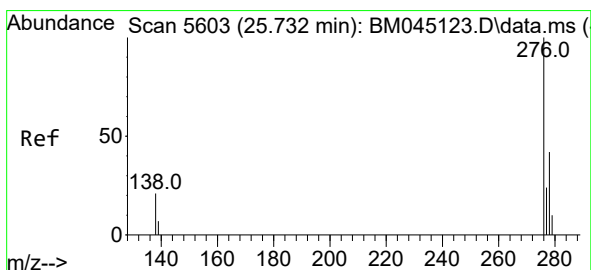
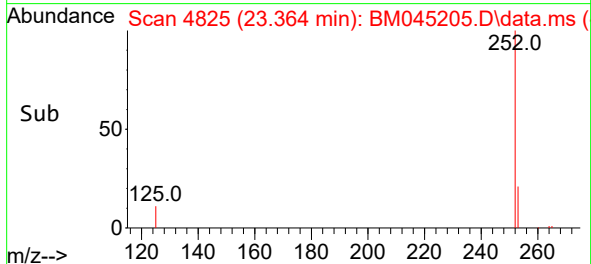
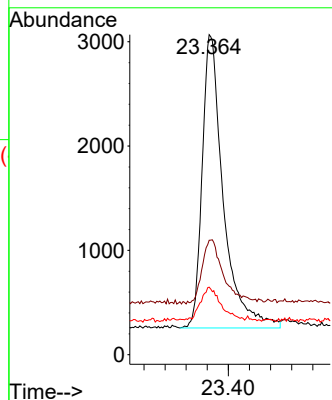
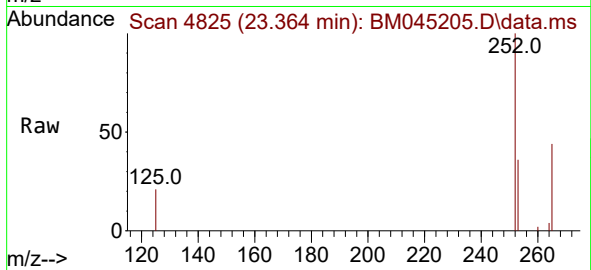
Tgt Ion:252 Resp: 7800

Ion Ratio Lower Upper

252 100

253 35.8 24.6 37.0

125 21.1 18.2 27.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.379 ng/ul

RT: 25.695 min Scan# 5592

Delta R.T. 0.000 min

Lab File: BM045205.D

Acq: 13 Apr 2024 15:16

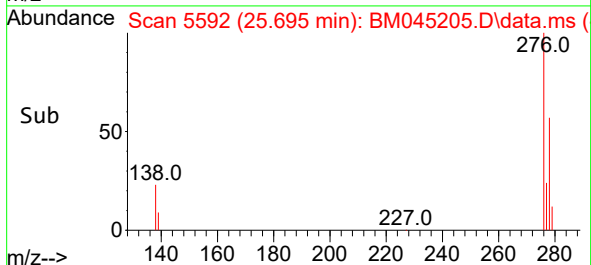
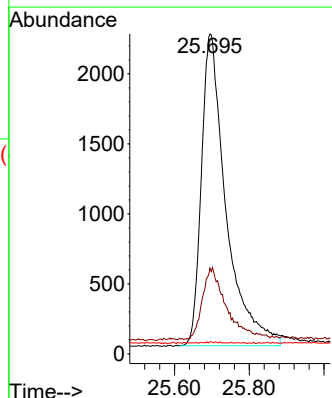
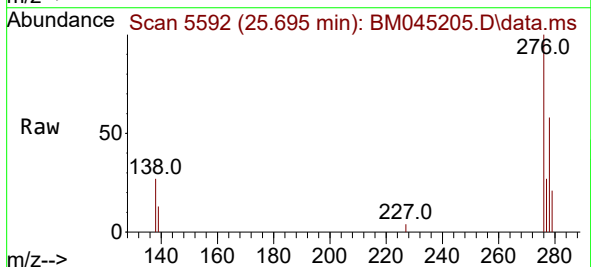
Tgt Ion:276 Resp: 10190

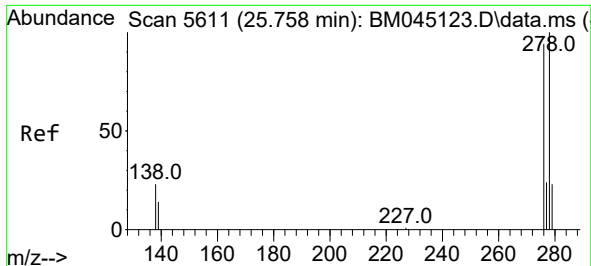
Ion Ratio Lower Upper

276 100

138 22.4 0.0 0.0#

227 0.1 0.1 0.1#

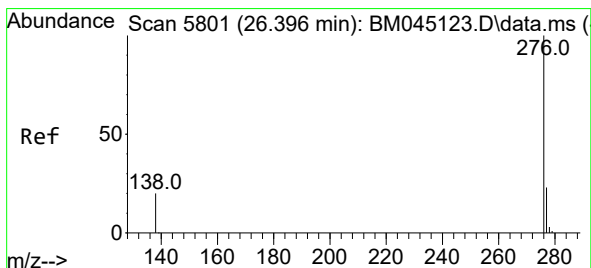
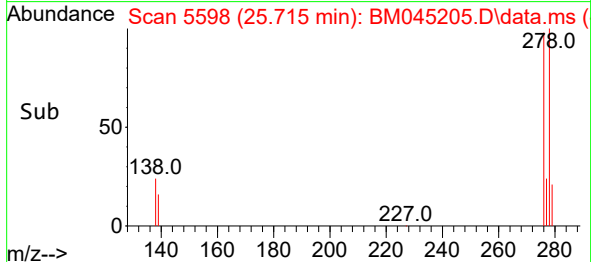
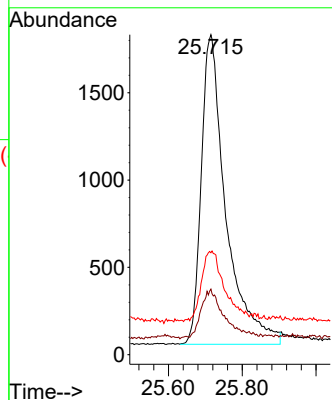
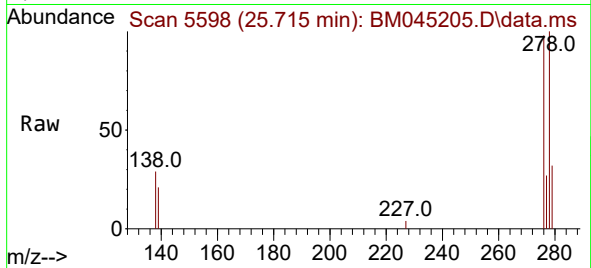




#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 25.715 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Instrument :
BNA_M
ClientSampleId :
SSTD0.4073

Tgt Ion:278 Resp: 8169
Ion Ratio Lower Upper
278 100
139 20.5 13.6 20.4#
279 31.9 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 26.365 min Scan# 5792
Delta R.T. 0.000 min
Lab File: BM045205.D
Acq: 13 Apr 2024 15:16

Tgt Ion:276 Resp: 8867
Ion Ratio Lower Upper
276 100
138 24.7 16.8 25.2
277 27.9 20.3 30.5

