

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
 Data File : BM045219.D
 Acq On : 13 Apr 2024 23:41
 Operator : MA/JU
 Sample : PB160169BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS169

Quant Time: Apr 15 00:37:15 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)

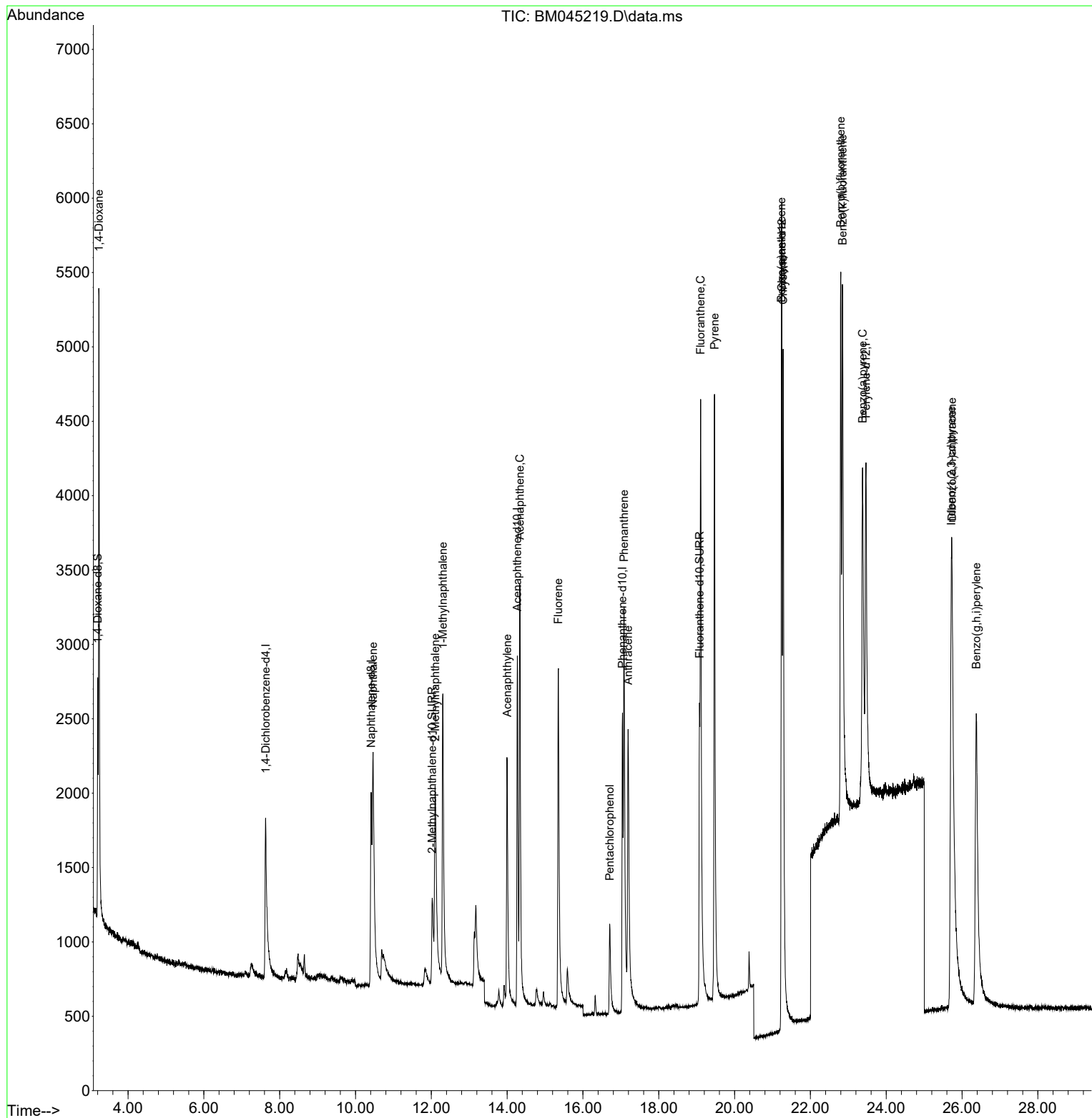
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	1274	0.400	ng/ul	0.02
4) Naphthalene-d8	10.413	136	3815	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.270	164	1801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.043	188	4120	0.400	ng/ul	0.01
17) Chrysene-d12	21.246	240	3471	0.400	ng/ul	0.00
23) Perylene-d12	23.467	264	4200	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	1154	0.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.024	152	1709	0.331	ng/ul	0.03
18) Fluoranthene-d10	19.075	212	3561	0.406	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	3079	1.919	ng/ul#	83
5) Naphthalene	10.462	128	3650	0.361	ng/ul	96
7) 2-Methylnaphthalene	12.101	142	2018	0.334	ng/ul	97
8) 1-Methylnaphthalene	12.305	142	2133	0.323	ng/ul	99
10) Acenaphthylene	14.001	152	3302	0.367	ng/ul	95
11) Acenaphthene	14.334	153	2440	0.379	ng/ul	97
12) Fluorene	15.352	166	2553	0.354	ng/ul	99
14) Pentachlorophenol	16.709	266	764	0.791	ng/ul	97
15) Phenanthrene	17.085	178	4100	0.353	ng/ul	98
16) Anthracene	17.191	178	4144	0.363	ng/ul	96
19) Fluoranthene	19.103	202	5141	0.414	ng/ul	96
20) Pyrene	19.470	202	5430	0.415	ng/ul	96
21) Benzo(a)anthracene	21.234	228	4320	0.358	ng/ul	96
22) Chrysene	21.281	228	6229	0.413	ng/ul	97
24) Benzo(b)fluoranthene	22.800	252	5407	0.356	ng/ul	96
25) Benzo(k)fluoranthene	22.847	252	7054	0.415	ng/ul	94
26) Benzo(a)pyrene	23.376	252	5691	0.393	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.716	276	7392	0.372	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.736	278	5824	0.370	ng/ul#	89
29) Benzo(g,h,i)perylene	26.376	276	6585	0.385	ng/ul	94

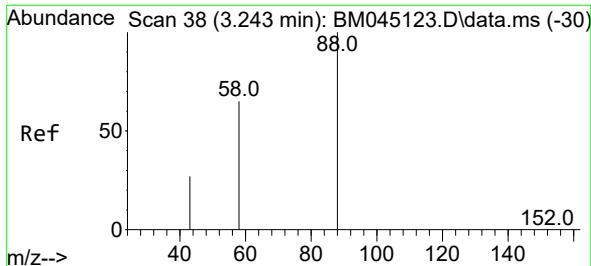
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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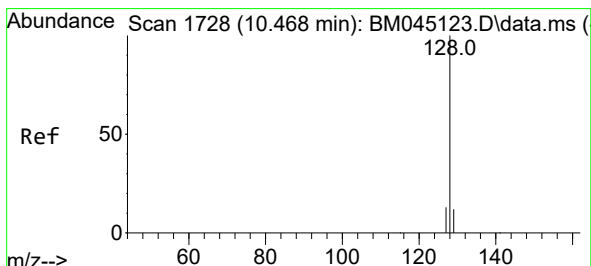
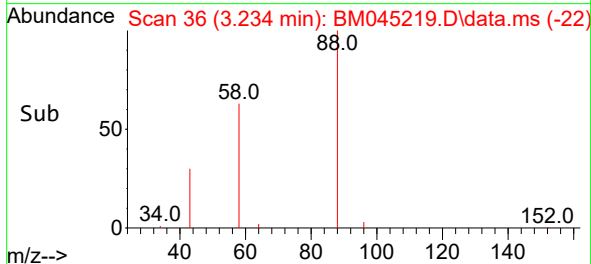
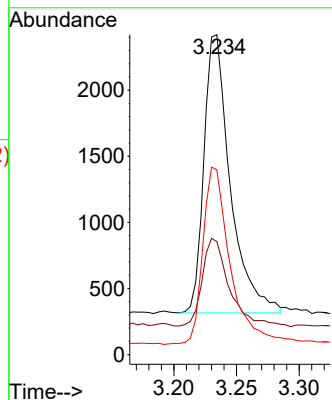
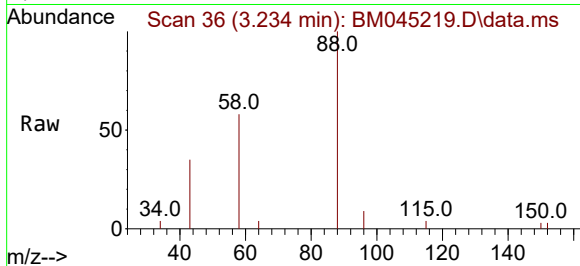




#2
1,4-Dioxane
Concen: 1.919 ng/ul
RT: 3.234 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

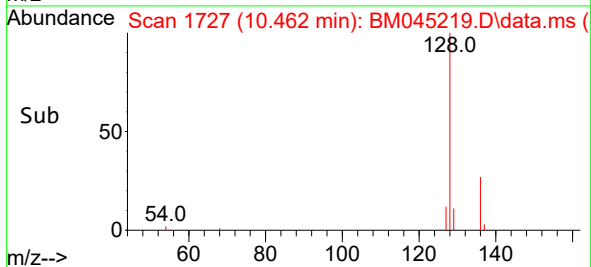
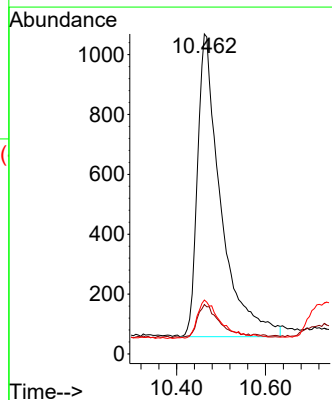
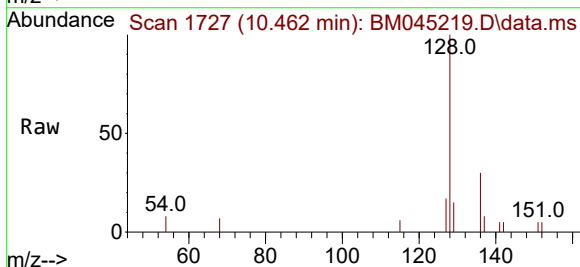
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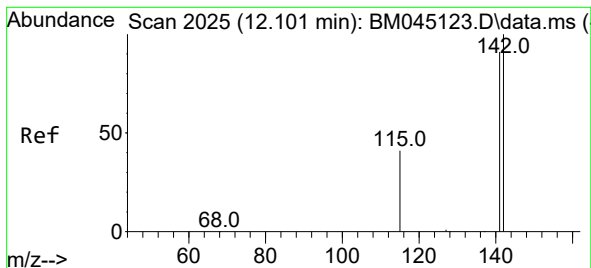
Tgt Ion: 88 Resp: 3079
Ion Ratio Lower Upper
88 100
43 35.3 30.6 46.0
58 57.8 32.6 48.8#



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.462 min Scan# 1727
Delta R.T. 0.022 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

Tgt Ion:128 Resp: 3650
Ion Ratio Lower Upper
128 100
129 15.4 11.3 16.9
127 16.8 11.9 17.9

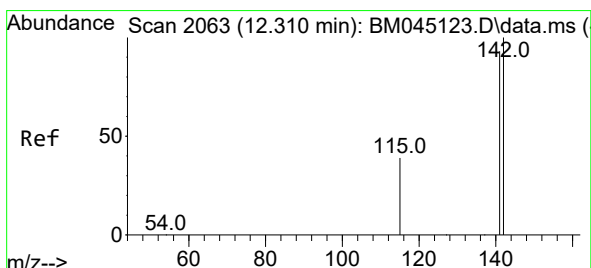
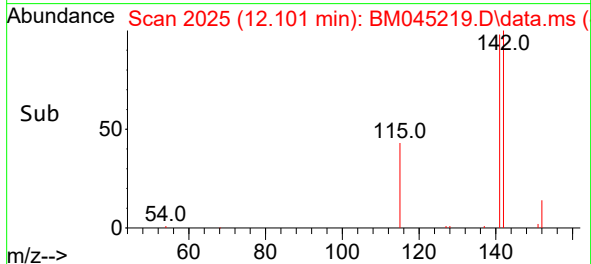
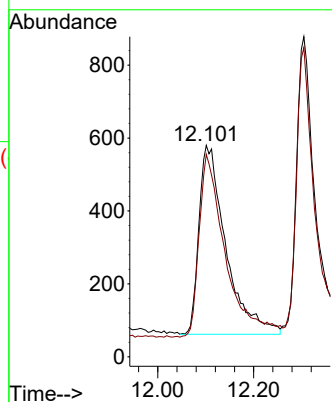
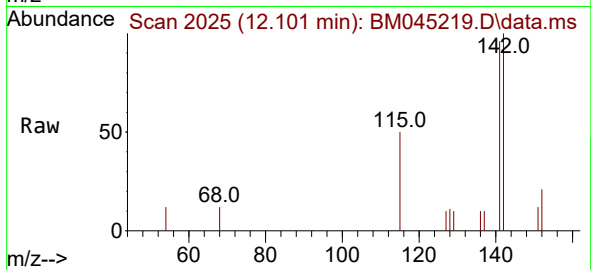




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.101 min Scan# 2025
Delta R.T. 0.027 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

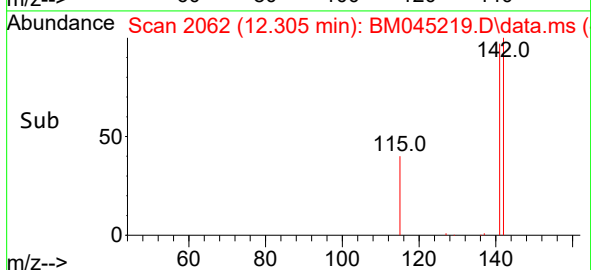
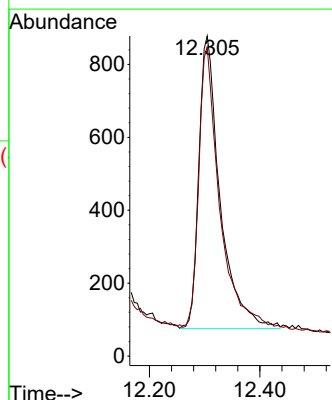
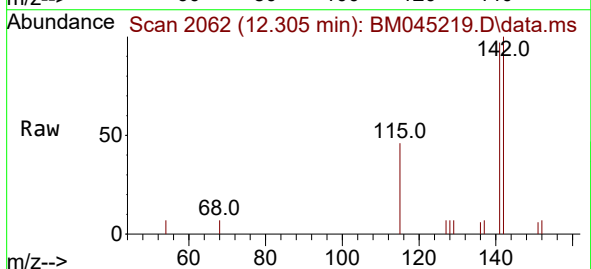
Instrument :
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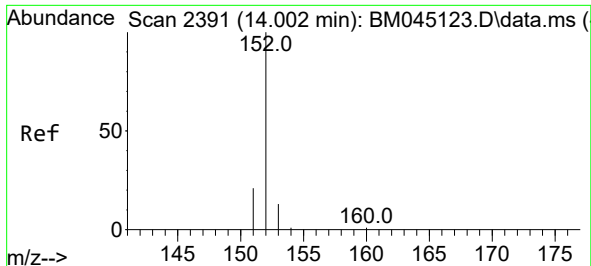
Tgt Ion:142 Resp: 2018
Ion Ratio Lower Upper
142 100
141 95.4 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.016 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

Tgt Ion:142 Resp: 2133
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.2

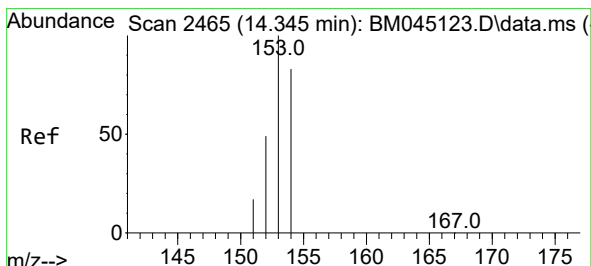
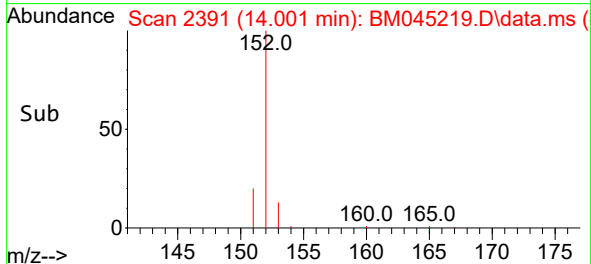
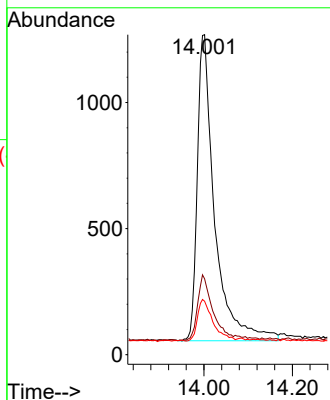
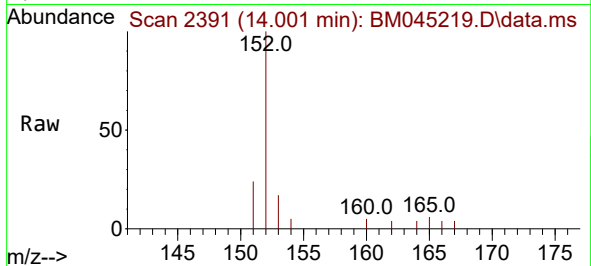




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.001 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

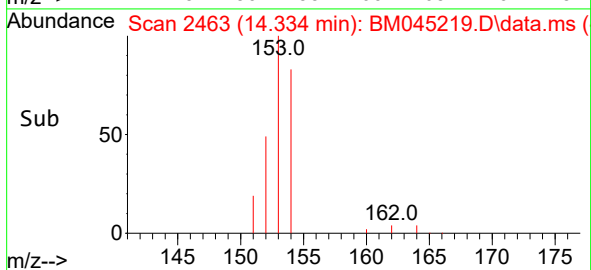
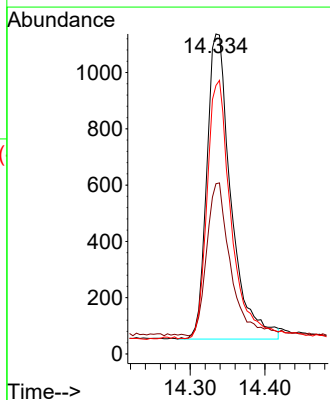
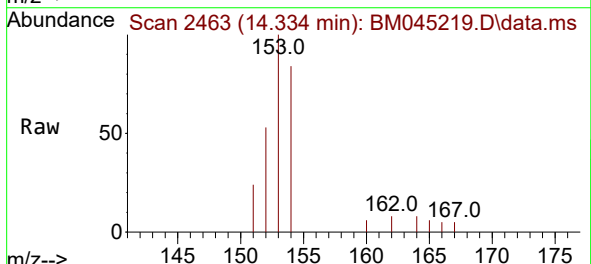
Instrument :
BNA_M
ClientSampleId :
SLCS169

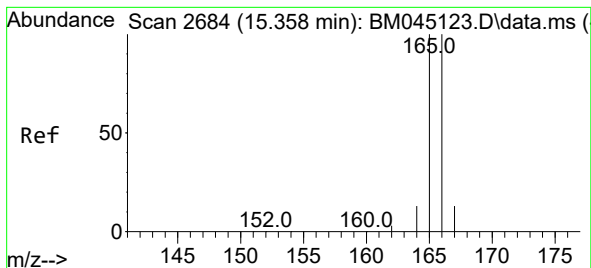
Tgt Ion:152 Resp: 3302
Ion Ratio Lower Upper
152 100
151 23.7 17.0 25.4
153 16.7 11.9 17.9



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.334 min Scan# 2463
Delta R.T. 0.008 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

Tgt Ion:153 Resp: 2440
Ion Ratio Lower Upper
153 100
152 53.2 41.2 61.8
154 83.9 69.4 104.0





#12

Fluorene

Concen: 0.354 ng/ul

RT: 15.352 min Scan# 2

Delta R.T. 0.022 min

Lab File: BM045219.D

Acq: 13 Apr 2024 23:41

Instrument :

BNA_M

ClientSampleId :

SLCS169

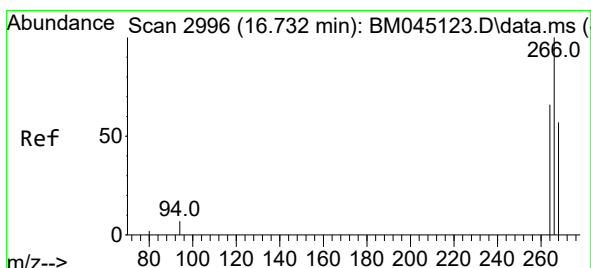
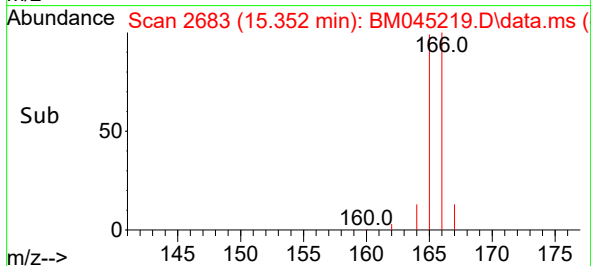
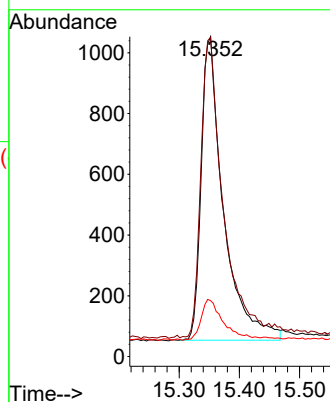
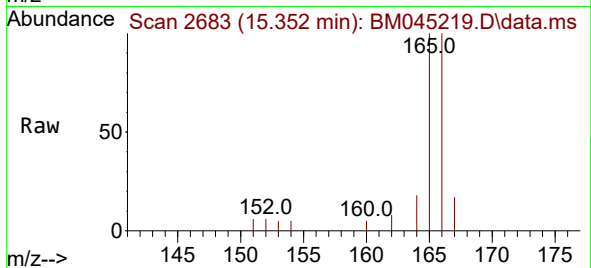
Tgt Ion:166 Resp: 2553

Ion Ratio Lower Upper

166 100

165 99.8 79.9 119.9

167 17.5 12.2 18.2



#14

Pentachlorophenol

Concen: 0.791 ng/ul

RT: 16.709 min Scan# 2991

Delta R.T. 0.012 min

Lab File: BM045219.D

Acq: 13 Apr 2024 23:41

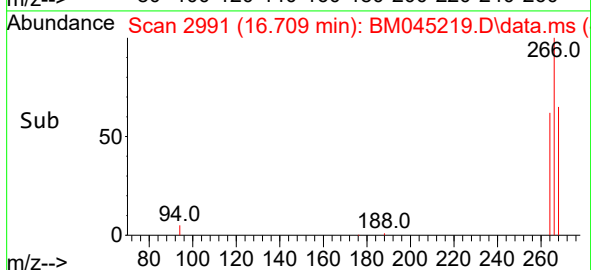
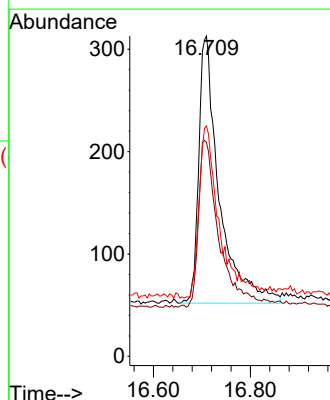
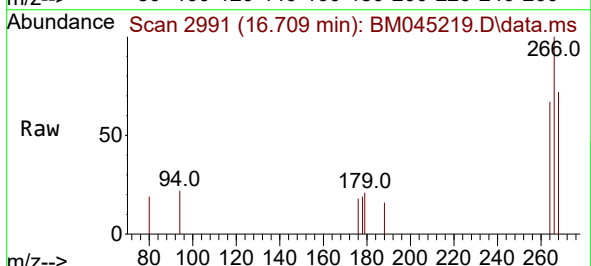
Tgt Ion:266 Resp: 764

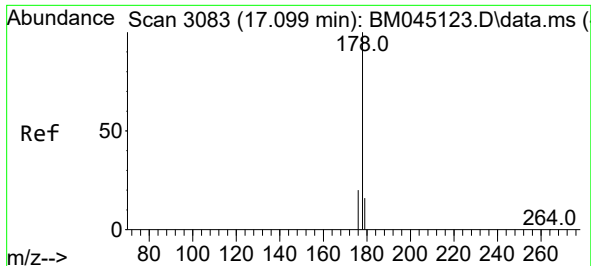
Ion Ratio Lower Upper

266 100

264 64.4 48.3 72.5

268 66.8 52.6 79.0

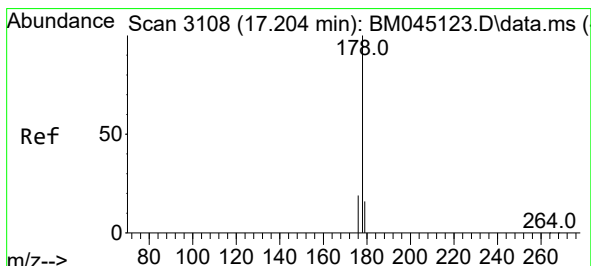
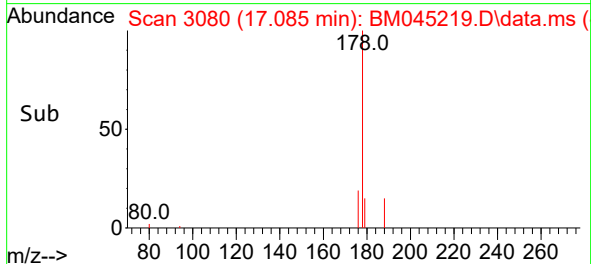
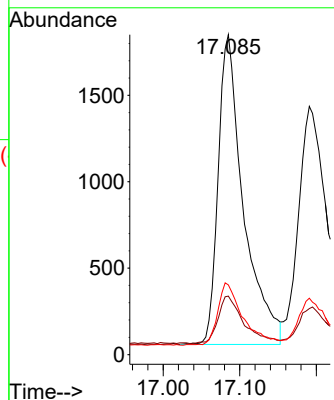
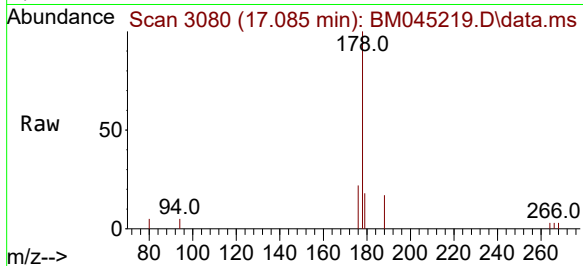




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.085 min Scan# 3080
Delta R.T. 0.012 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

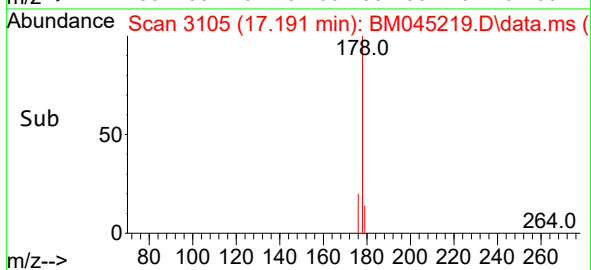
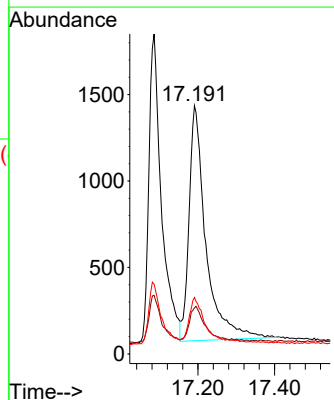
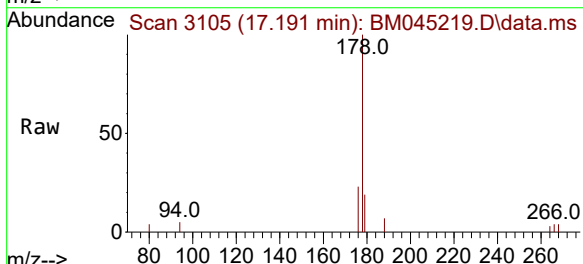
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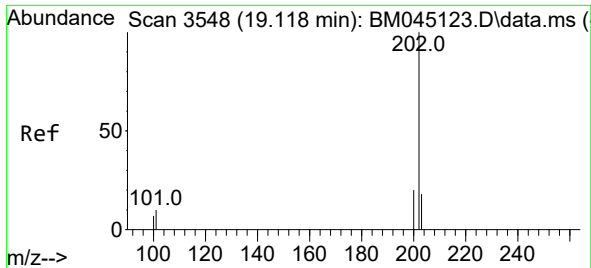
Tgt Ion:178 Resp: 4100
Ion Ratio Lower Upper
178 100
179 18.3 13.7 20.5
176 21.8 17.0 25.4



#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.191 min Scan# 3105
Delta R.T. 0.020 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

Tgt Ion:178 Resp: 4144
Ion Ratio Lower Upper
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179 18.5 13.8 20.8
176 22.7 16.2 24.4

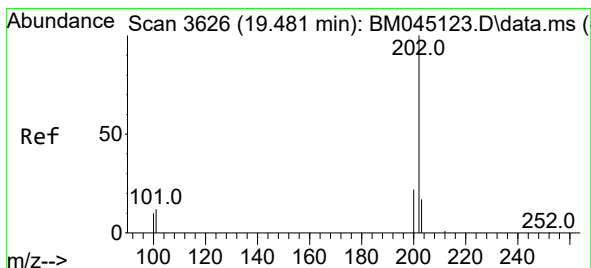
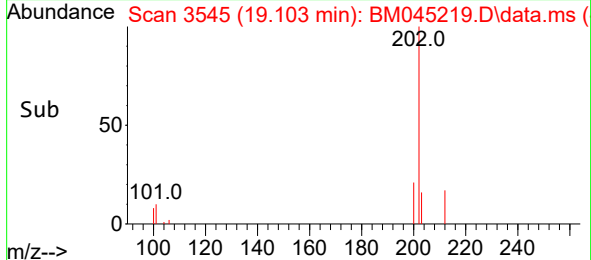
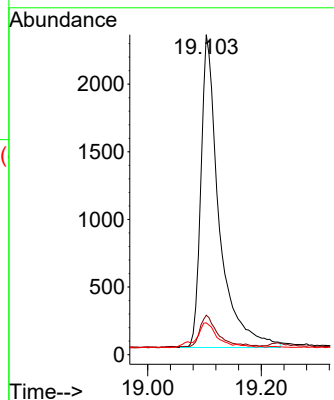
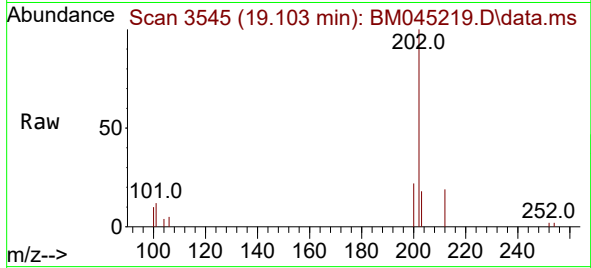




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.103 min Scan# 3545
Delta R.T. 0.008 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

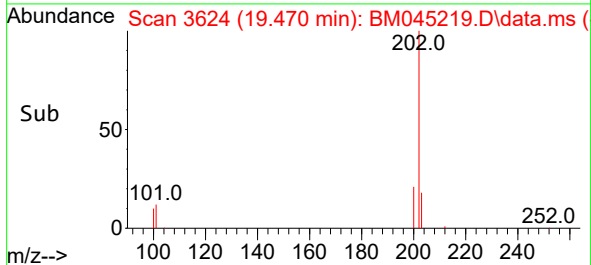
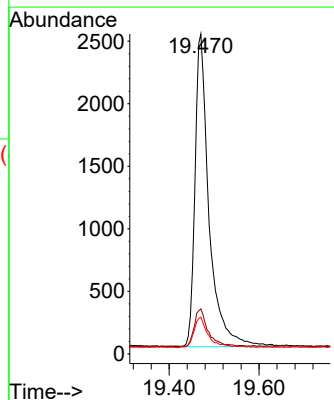
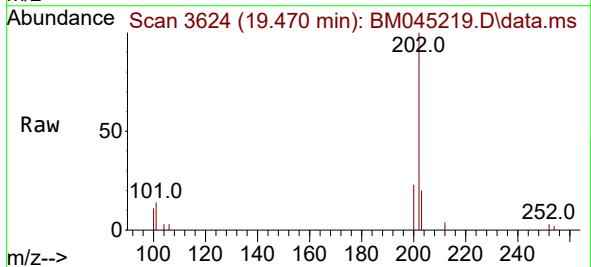
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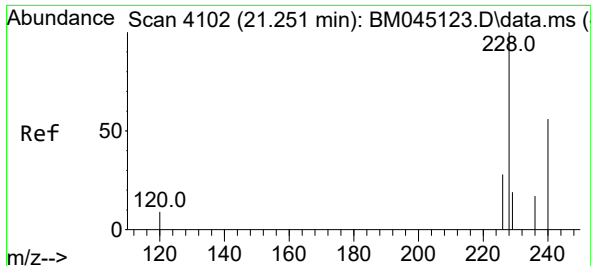
Tgt Ion:202 Resp: 5141
Ion Ratio Lower Upper
202 100
101 12.3 8.8 13.2
100 10.0 7.0 10.4



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.470 min Scan# 3624
Delta R.T. 0.008 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

Tgt Ion:202 Resp: 5430
Ion Ratio Lower Upper
202 100
101 14.1 9.8 14.6
100 11.5 8.1 12.1

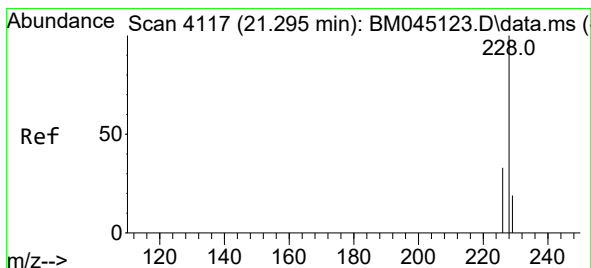
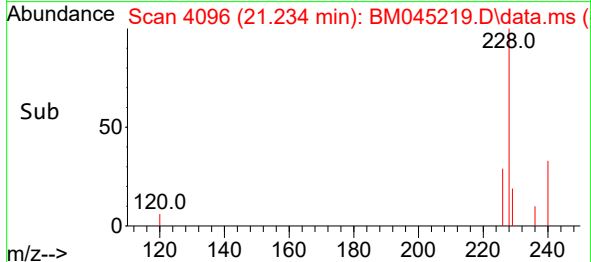
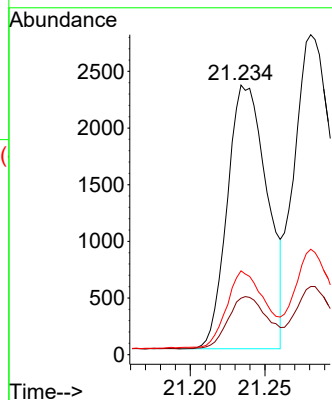
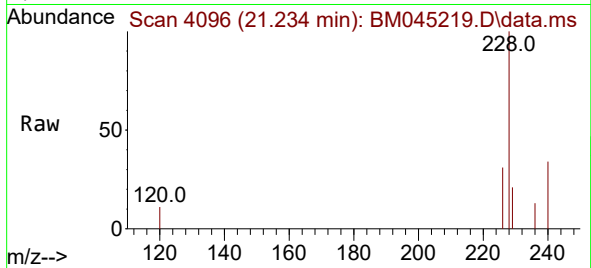




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.234 min Scan# 4096
Delta R.T. 0.007 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

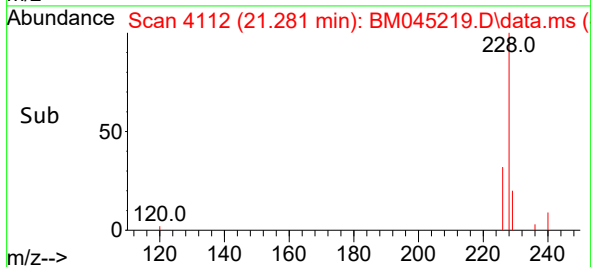
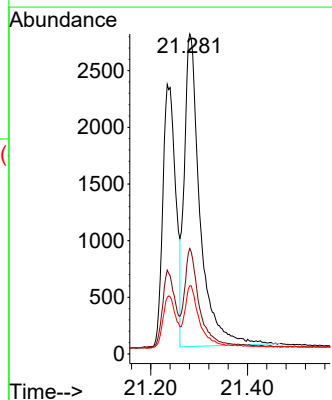
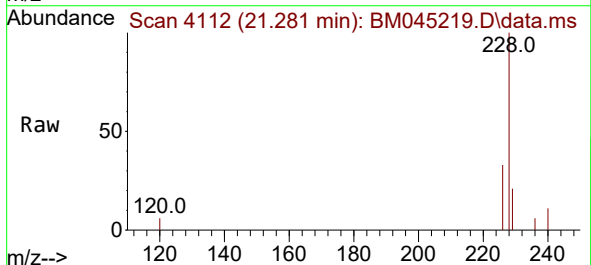
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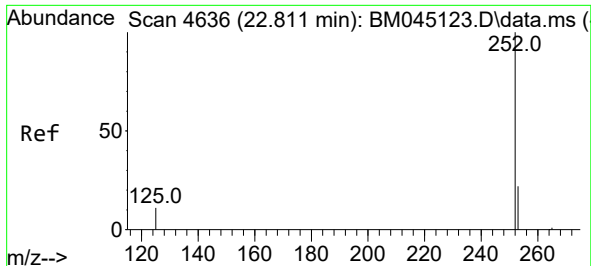
Tgt Ion:228 Resp: 4320
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 31.1 22.3 33.5



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.281 min Scan# 4112
Delta R.T. 0.004 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

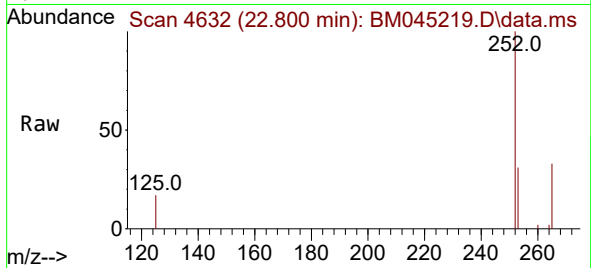
Tgt Ion:228 Resp: 6229
Ion Ratio Lower Upper
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226 33.0 24.9 37.3
229 21.3 15.9 23.9



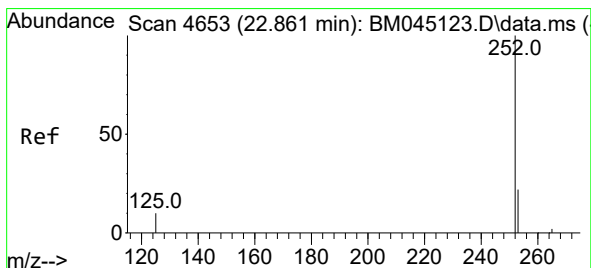
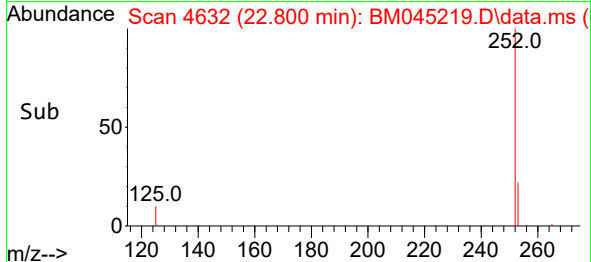
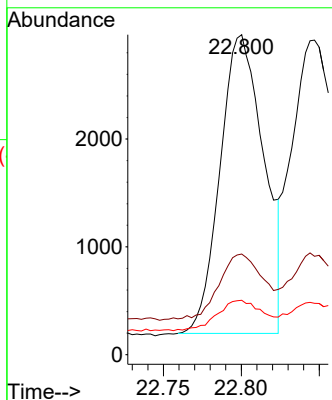


#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 22.800 min Scan# 4632
Delta R.T. 0.007 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

Instrument :
BNA_M
ClientSampleId :
SLCS169

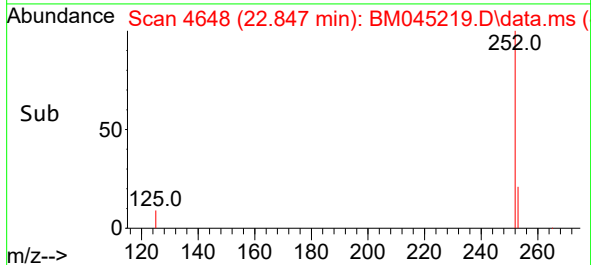
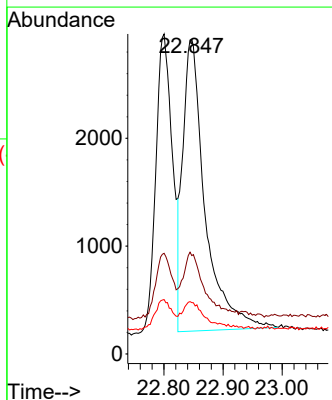
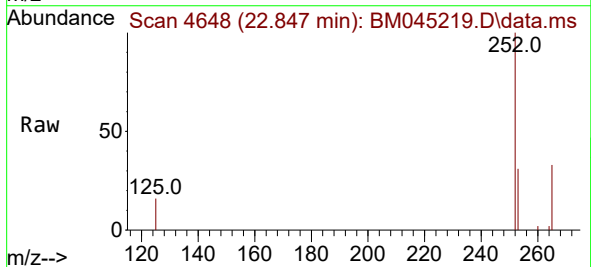


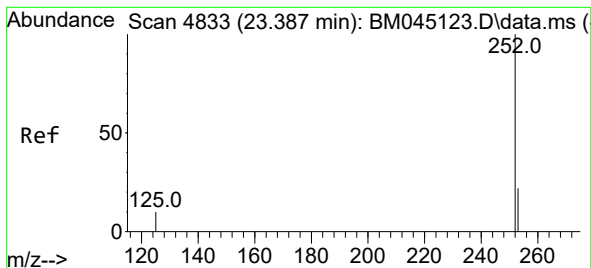
Tgt Ion:252 Resp: 5407
Ion Ratio Lower Upper
252 100
253 31.5 0.0 56.4
125 17.0 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 22.847 min Scan# 4648
Delta R.T. 0.007 min
Lab File: BM045219.D
Acq: 13 Apr 2024 23:41

Tgt Ion:252 Resp: 7054
Ion Ratio Lower Upper
252 100
253 31.3 22.3 33.5
125 16.3 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.393 ng/ul

RT: 23.376 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM045219.D

Acq: 13 Apr 2024 23:41

Instrument :

BNA_M

ClientSampleId :

SLCS169

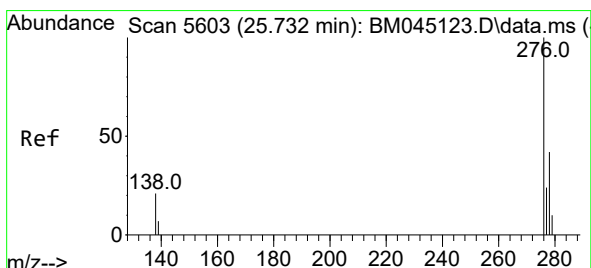
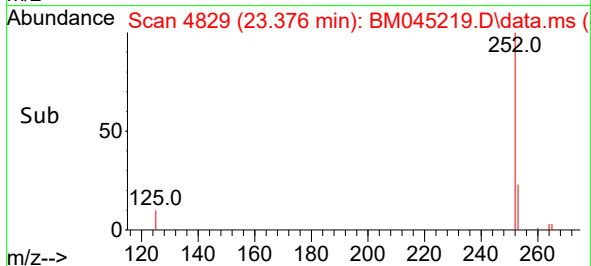
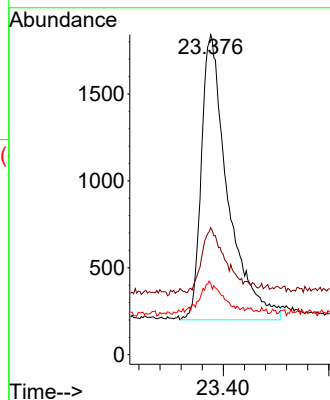
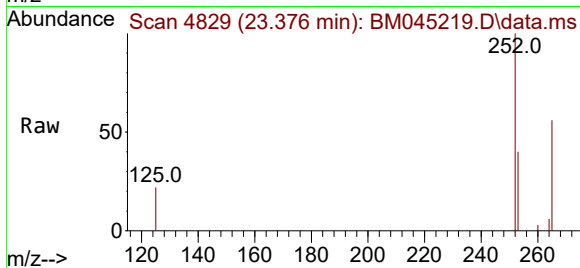
Tgt Ion:252 Resp: 5691

Ion Ratio Lower Upper

252 100

253 39.7 24.6 37.0#

125 22.3 18.2 27.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.372 ng/ul

RT: 25.716 min Scan# 5598

Delta R.T. 0.021 min

Lab File: BM045219.D

Acq: 13 Apr 2024 23:41

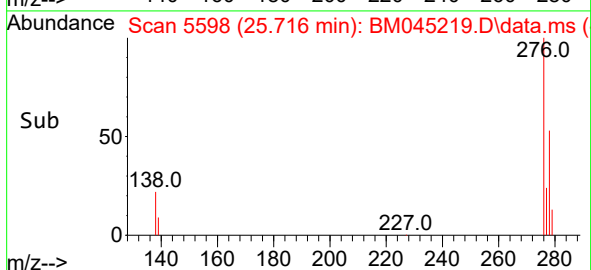
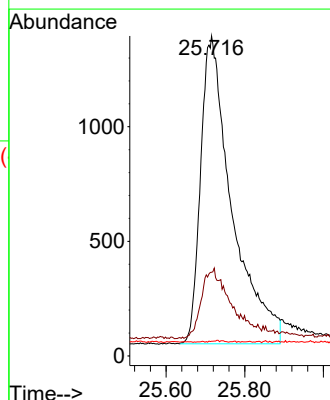
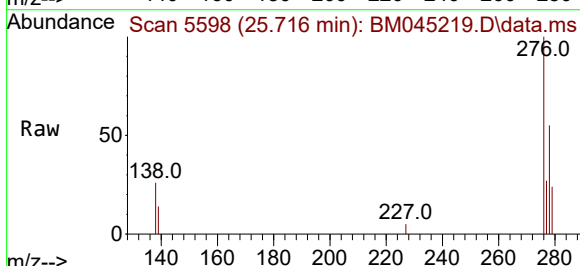
Tgt Ion:276 Resp: 7392

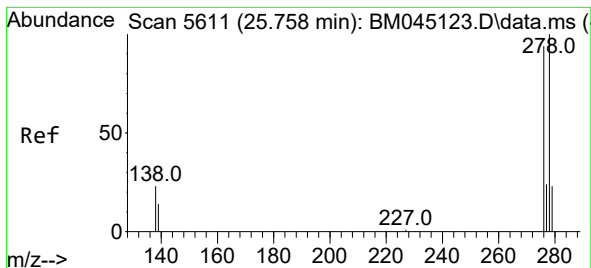
Ion Ratio Lower Upper

276 100

138 21.7 0.0 0.0#

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.370 ng/ul

RT: 25.736 min Scan# 5

Delta R.T. 0.021 min

Lab File: BM045219.D

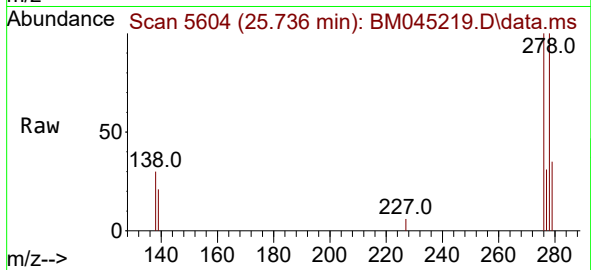
Acq: 13 Apr 2024 23:41

Instrument :

BNA_M

ClientSampleId :

SLCS169



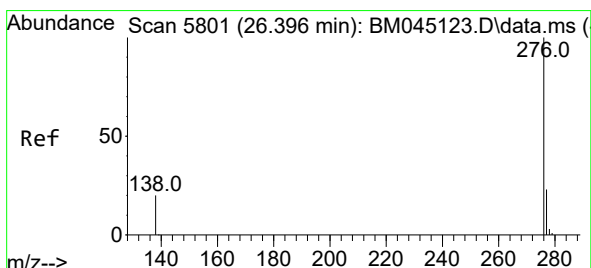
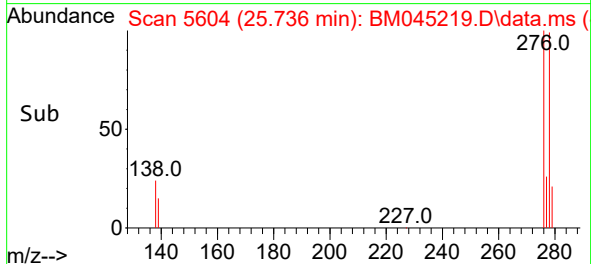
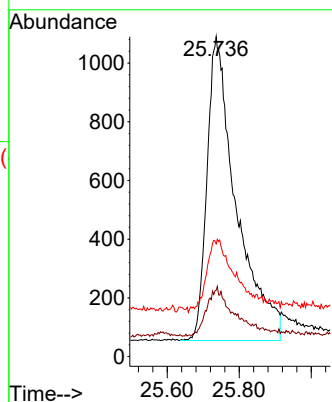
Tgt Ion:278 Resp: 5824

Ion Ratio Lower Upper

278 100

139 20.7 13.6 20.4#

279 35.2 23.0 34.4#



#29

Benzo(g,h,i)perylene

Concen: 0.385 ng/ul

RT: 26.376 min Scan# 5795

Delta R.T. 0.011 min

Lab File: BM045219.D

Acq: 13 Apr 2024 23:41

Tgt Ion:276 Resp: 6585

Ion Ratio Lower Upper

276 100

138 24.6 16.8 25.2

277 27.5 20.3 30.5

