

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045696.D
 Acq On : 03 May 2024 15:14
 Operator : MA/JU
 Sample : PB160587BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS587

Quant Time: May 03 15:56:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

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

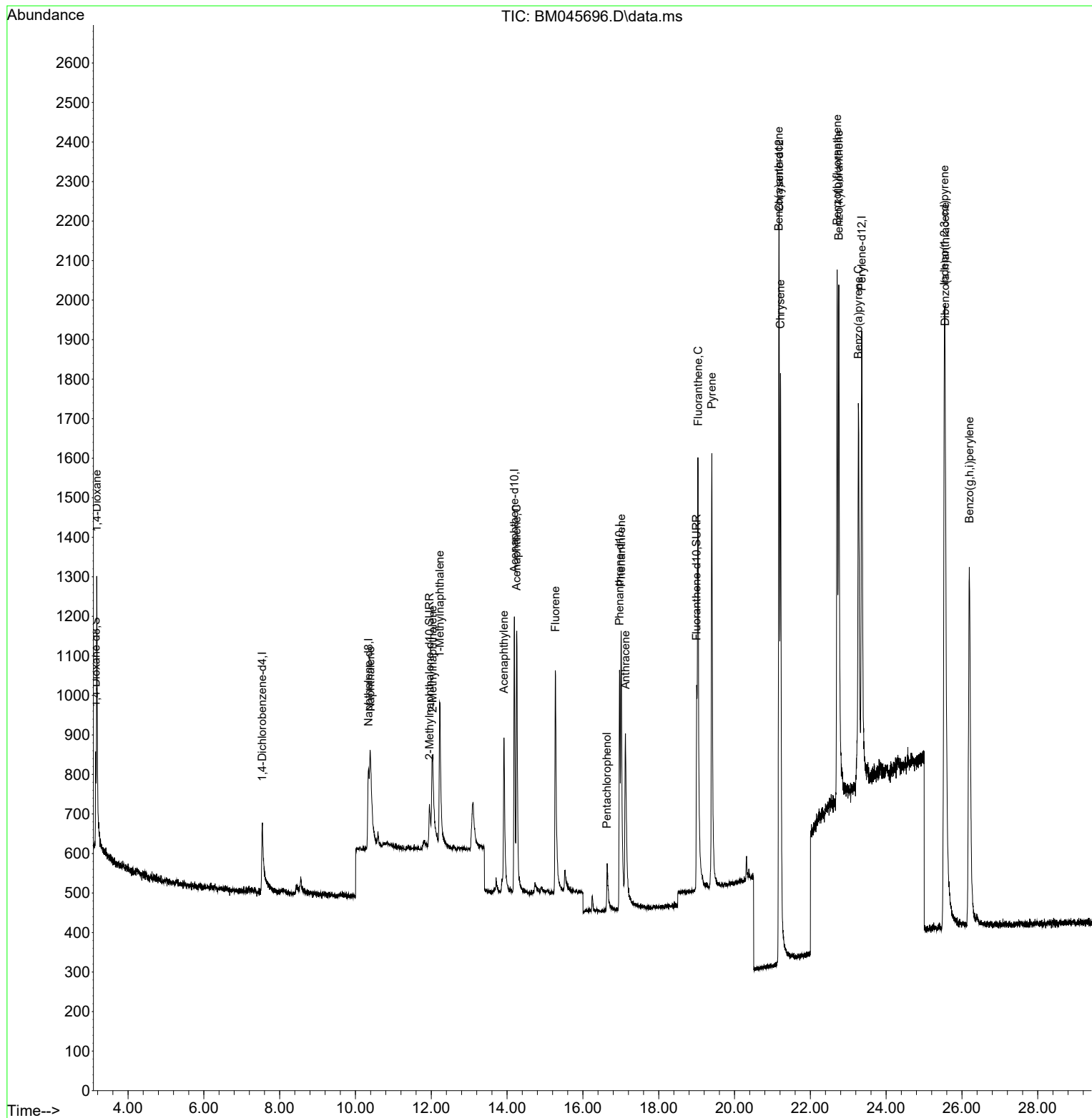
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	203	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.341	136	766	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.191	164	539	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	1303	0.400	ng/ul	0.00
17) Chrysene-d12	21.178	240	1354	0.400	ng/ul	0.00
23) Perylene-d12	23.359	264	1904	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	171	0.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	353	0.292	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	1006	0.296	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	478	2.007	ng/ul#	77
5) Naphthalene	10.396	128	626	0.321	ng/ul	98
7) 2-Methylnaphthalene	12.035	142	387	0.328	ng/ul	100
8) 1-Methylnaphthalene	12.222	142	410	0.314	ng/ul	100
10) Acenaphthylene	13.918	152	749	0.331	ng/ul	98
11) Acenaphthene	14.251	153	555	0.331	ng/ul	99
12) Fluorene	15.278	166	638	0.328	ng/ul	99
14) Pentachlorophenol	16.633	266	150	0.646	ng/ul#	89
15) Phenanthrene	17.009	178	1059	0.327	ng/ul	97
16) Anthracene	17.123	178	1004	0.320	ng/ul	97
19) Fluoranthene	19.038	202	1426	0.331	ng/ul	99
20) Pyrene	19.401	202	1502	0.328	ng/ul	98
21) Benzo(a)anthracene	21.170	228	1433	0.363	ng/ul	96
22) Chrysene	21.213	228	1838	0.329	ng/ul	99
24) Benzo(b)fluoranthene	22.707	252	1880	0.355	ng/ul	96
25) Benzo(k)fluoranthene	22.750	252	2253	0.343	ng/ul	96
26) Benzo(a)pyrene	23.268	252	1951	0.332	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.538	276	2859	0.353	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.558	278	2323	0.359	ng/ul	94
29) Benzo(g,h,i)perylene	26.195	276	2491	0.347	ng/ul	96

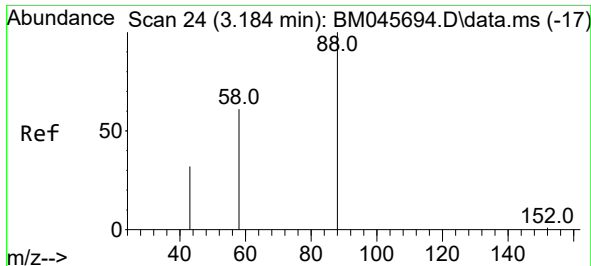
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
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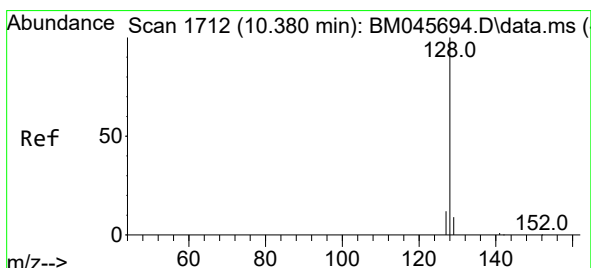
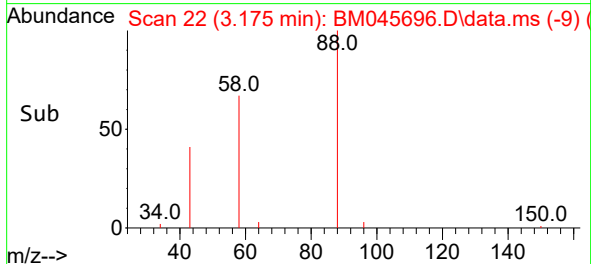
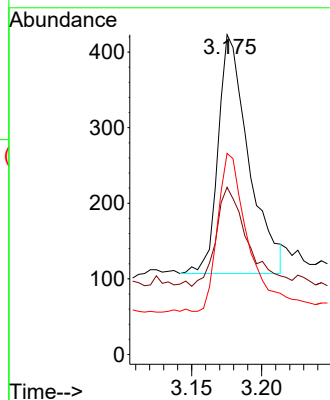
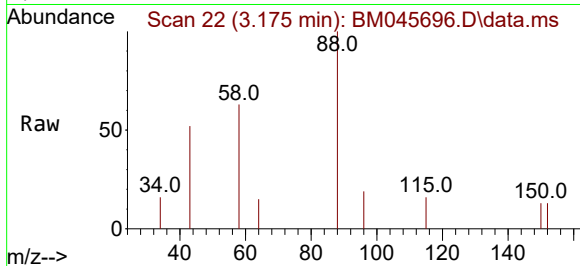




#2
1,4-Dioxane
Concen: 2.007 ng/ul
RT: 3.175 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

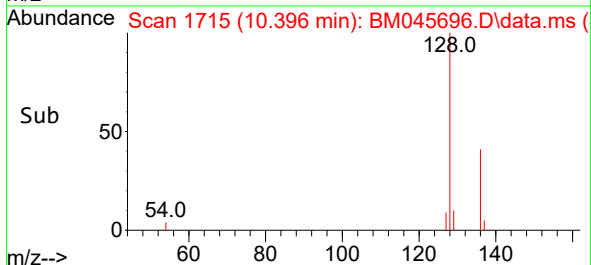
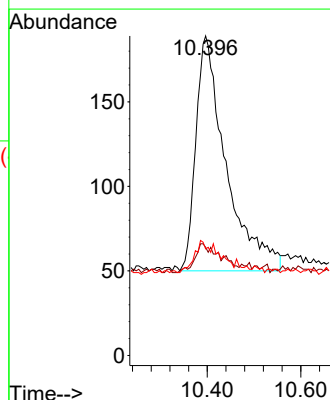
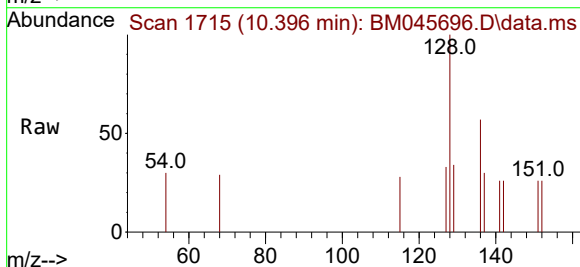
Instrument :
BNA_M
ClientSampleId :
SLCS587

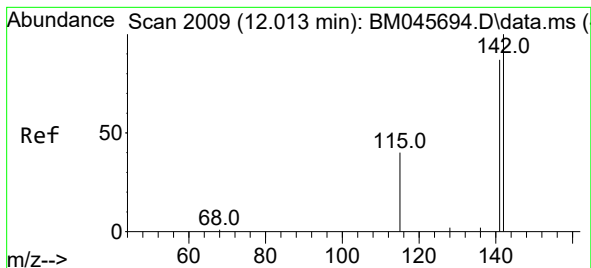
Tgt Ion: 88 Resp: 478
Ion Ratio Lower Upper
88 100
43 52.2 67.4 101.2#
58 62.9 56.1 84.1



#5
Naphthalene
Concen: 0.321 ng/ul
RT: 10.396 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Tgt Ion: 128 Resp: 626
Ion Ratio Lower Upper
128 100
129 33.9 26.2 39.4
127 33.3 27.4 41.2

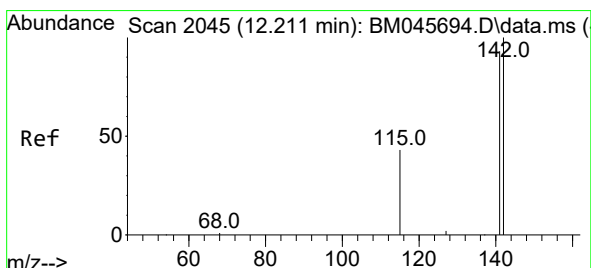
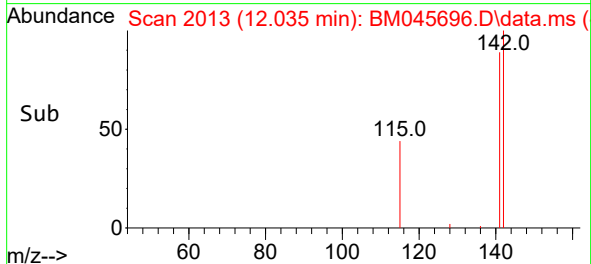
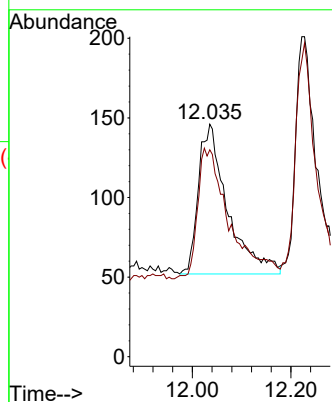
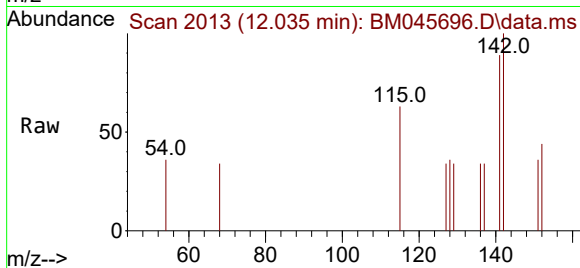




#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.035 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

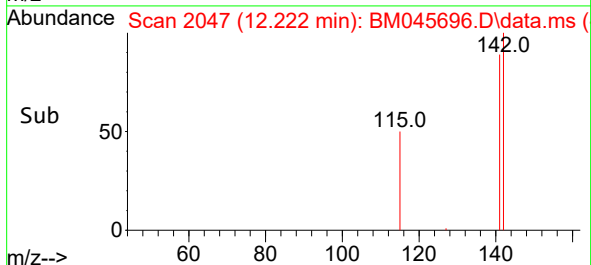
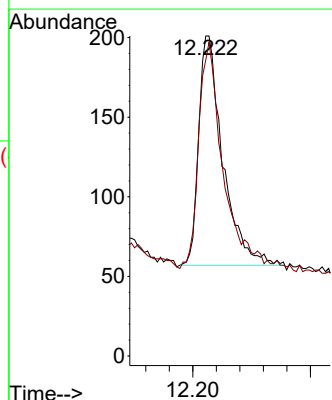
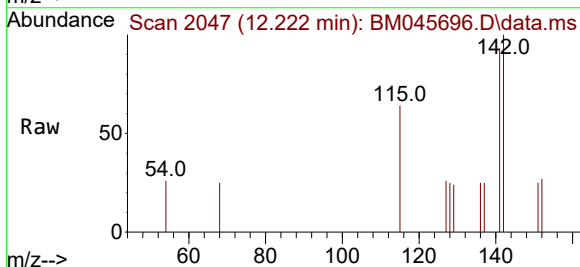
Instrument :
BNA_M
ClientSampleId :
SLCS587

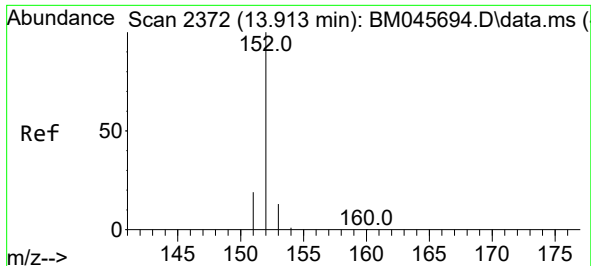
Tgt Ion:142 Resp: 387
Ion Ratio Lower Upper
142 100
141 95.9 76.9 115.3



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Tgt Ion:142 Resp: 410
Ion Ratio Lower Upper
142 100
141 99.8 79.4 119.2

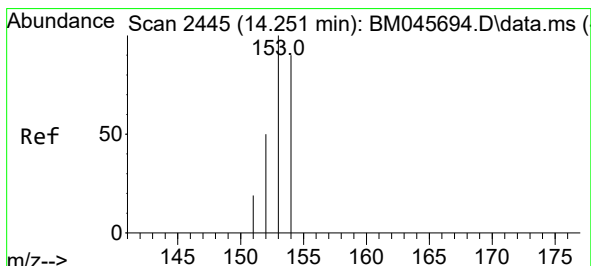
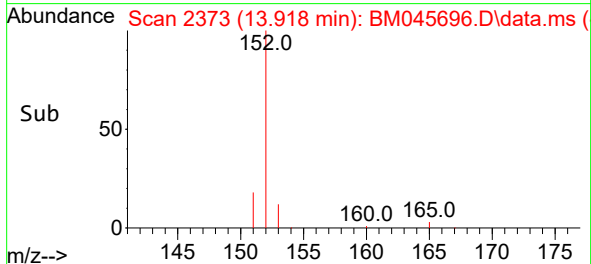
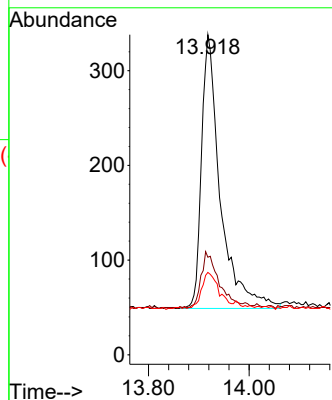
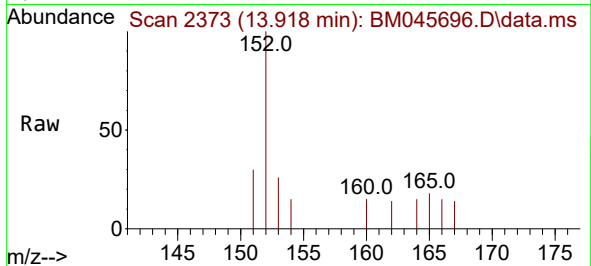




#10
Acenaphthylene
Concen: 0.331 ng/ul
RT: 13.918 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

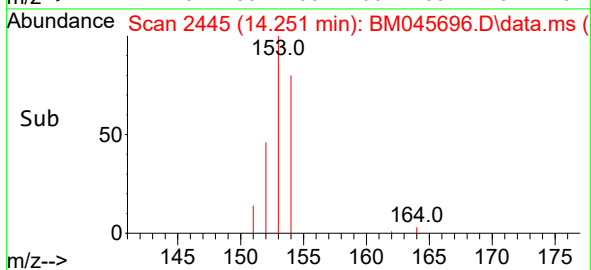
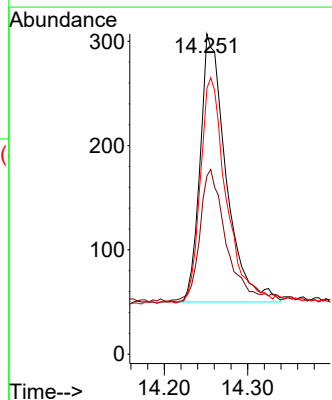
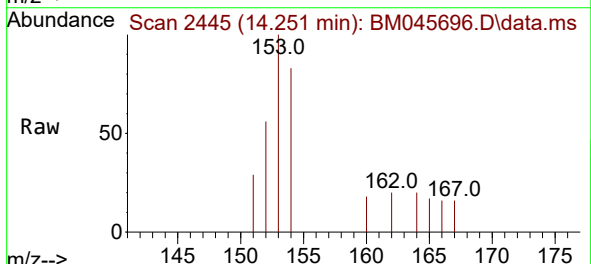
Instrument :
BNA_M
ClientSampleId :
SLCS587

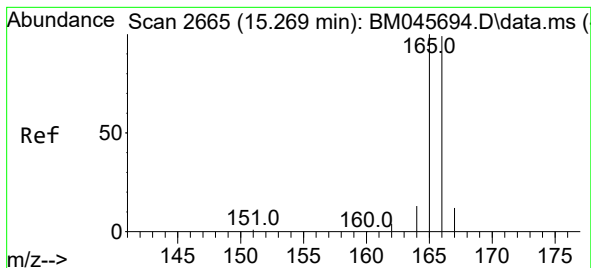
Tgt Ion:152 Resp: 749
Ion Ratio Lower Upper
152 100
151 30.5 25.0 37.4
153 25.7 19.6 29.4



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.010 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Tgt Ion:153 Resp: 555
Ion Ratio Lower Upper
153 100
152 55.7 45.1 67.7
154 83.1 67.6 101.4





#12

Fluorene

Concen: 0.328 ng/ul

RT: 15.278 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM045696.D

Acq: 03 May 2024 15:14

Instrument :

BNA_M

ClientSampleId :

SLCS587

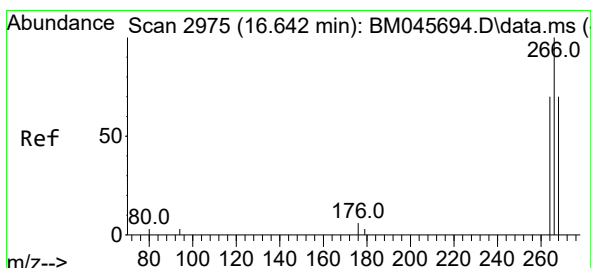
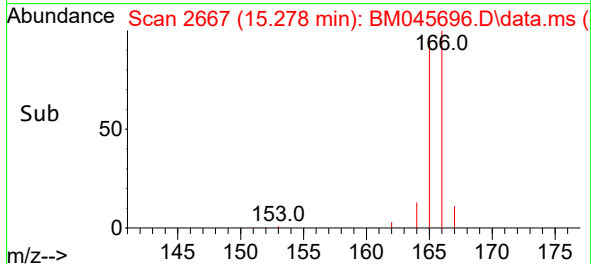
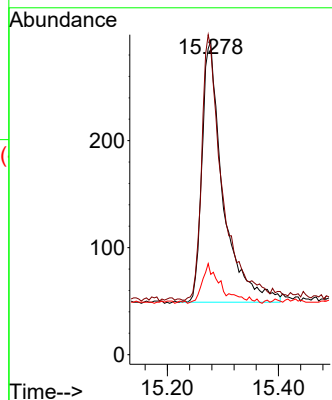
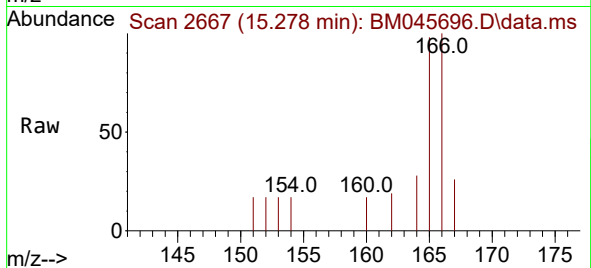
Tgt Ion:166 Resp: 638

Ion Ratio Lower Upper

166 100

165 97.6 77.5 116.3

167 25.6 21.8 32.6



#14

Pentachlorophenol

Concen: 0.646 ng/ul

RT: 16.633 min Scan# 2973

Delta R.T. -0.026 min

Lab File: BM045696.D

Acq: 03 May 2024 15:14

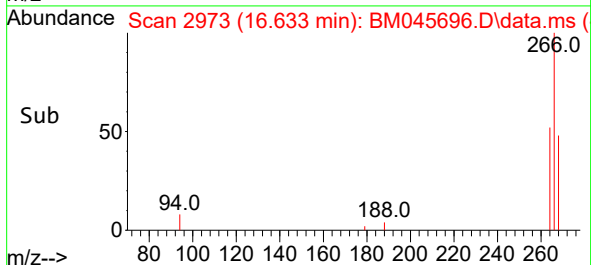
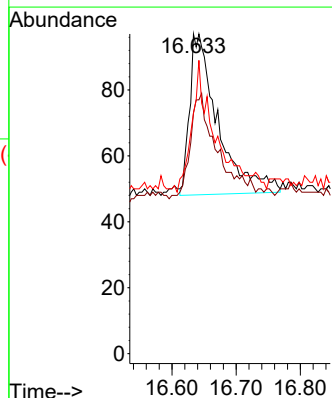
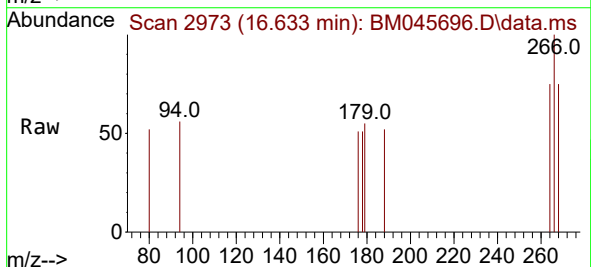
Tgt Ion:266 Resp: 150

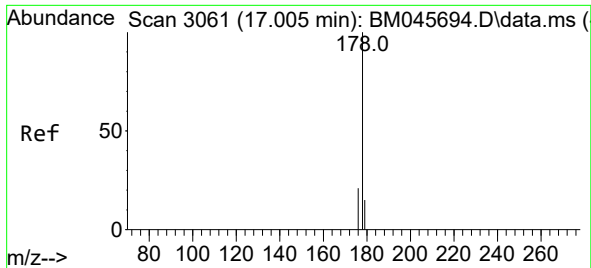
Ion Ratio Lower Upper

266 100

264 66.0 40.0 60.0#

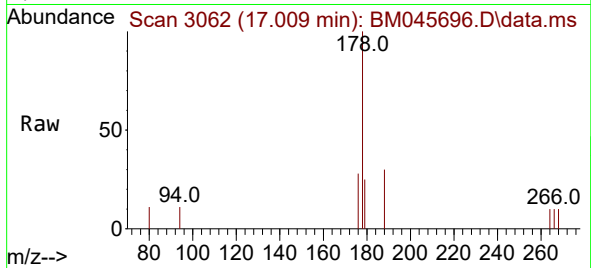
268 64.0 50.6 76.0



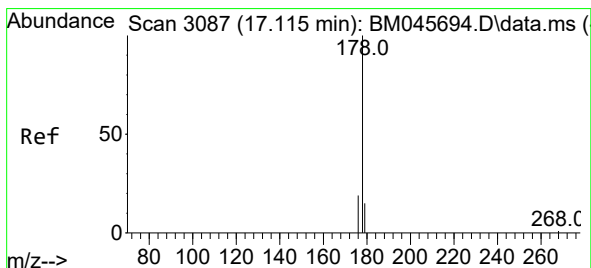
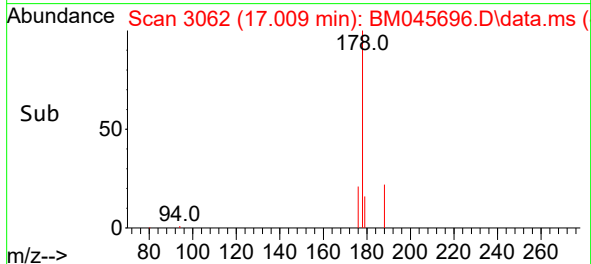
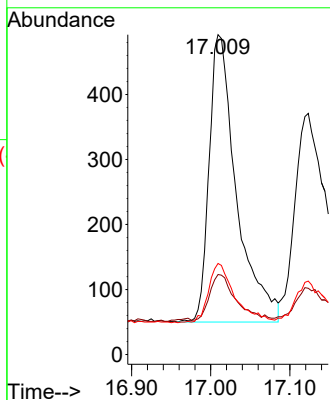


#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.009 min Scan# 3062
Delta R.T. -0.014 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Instrument :
BNA_M
ClientSampleId :
SLCS587

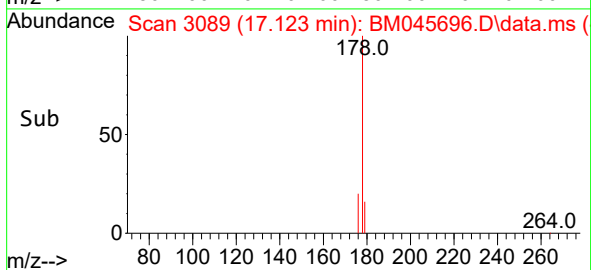
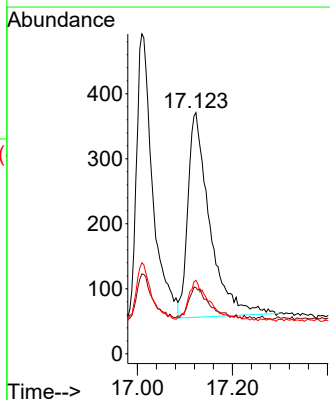
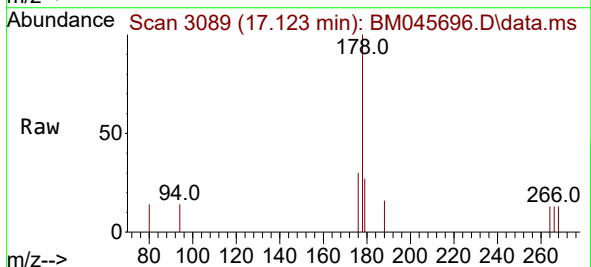


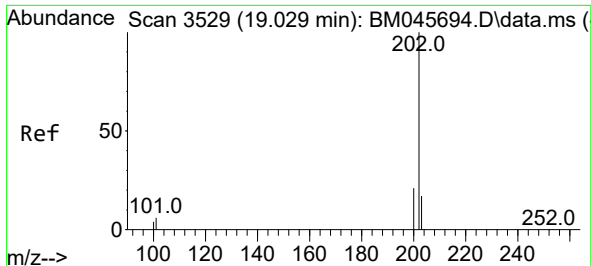
Tgt Ion:178 Resp: 1059
Ion Ratio Lower Upper
178 100
179 25.0 18.3 27.5
176 28.5 21.8 32.6



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.123 min Scan# 3089
Delta R.T. -0.005 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Tgt Ion:178 Resp: 1004
Ion Ratio Lower Upper
178 100
179 27.5 20.9 31.3
176 30.5 22.9 34.3

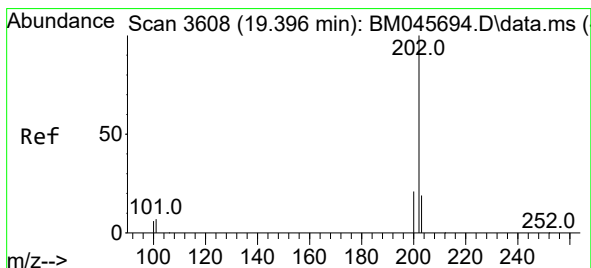
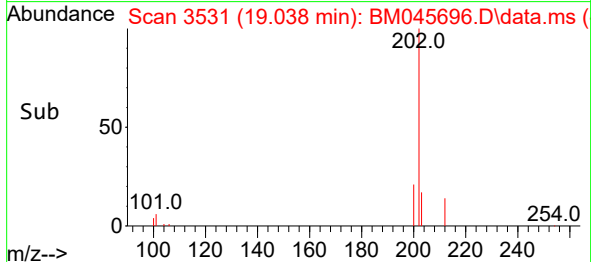
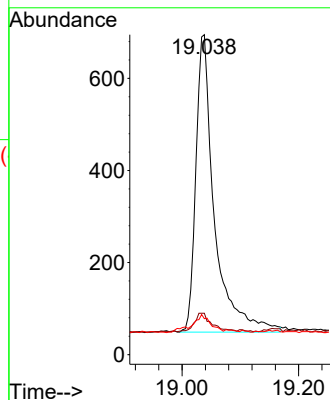
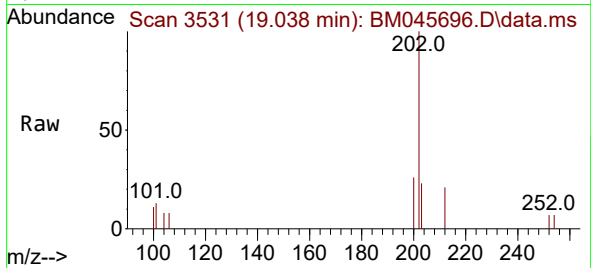




#19
Fluoranthene
Concen: 0.331 ng/ul
RT: 19.038 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

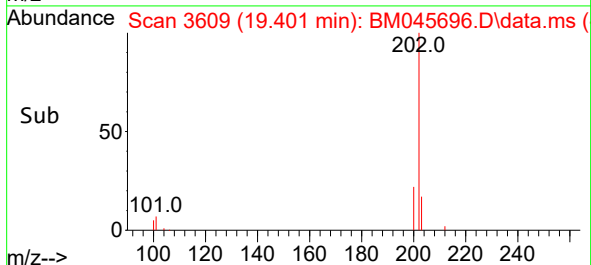
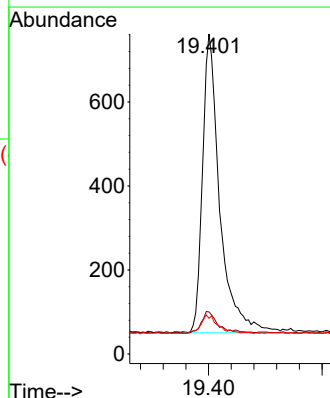
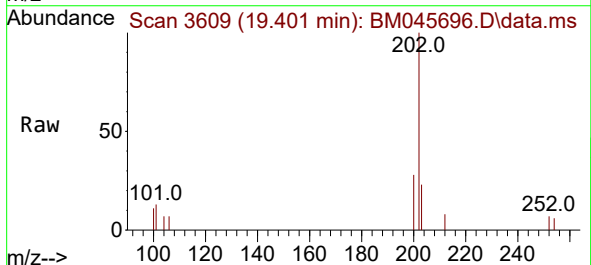
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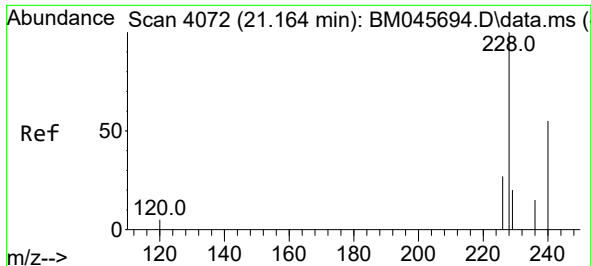
Tgt Ion:202 Resp: 1426
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 11.2 9.4 14.0



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.401 min Scan# 3609
Delta R.T. -0.010 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

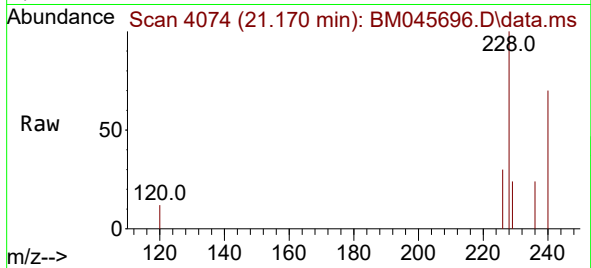
Tgt Ion:202 Resp: 1502
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 11.2 9.8 14.8



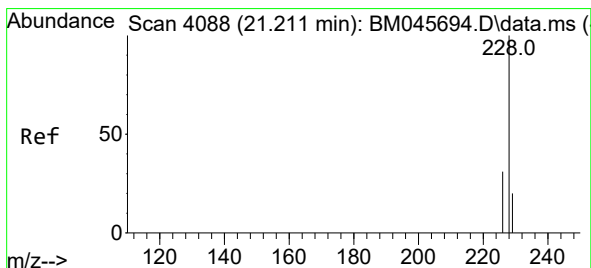
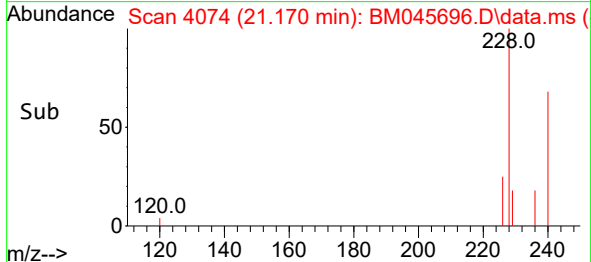
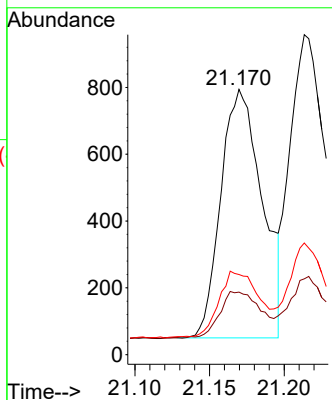


#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.170 min Scan# 4074
Delta R.T. -0.008 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Instrument :
BNA_M
ClientSampleId :
SLCS587

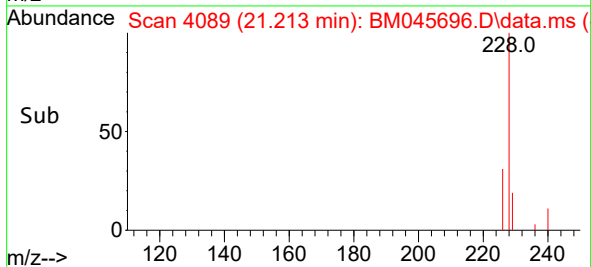
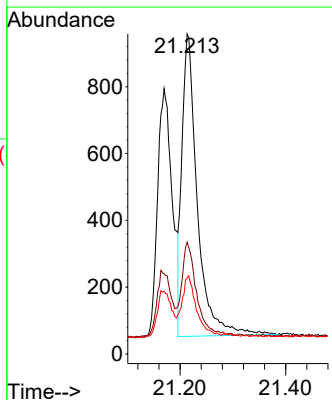
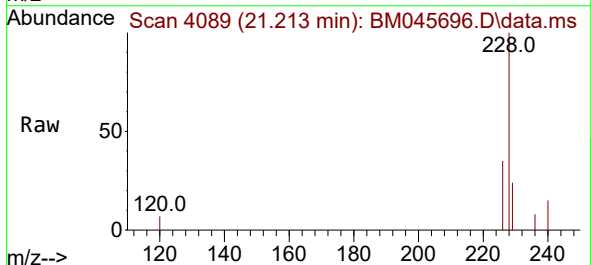


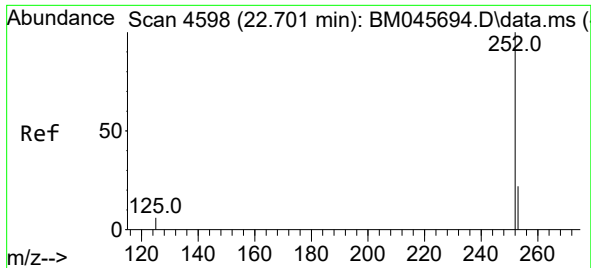
Tgt Ion:228 Resp: 1433
Ion Ratio Lower Upper
228 100
229 23.6 21.3 31.9
226 30.2 25.5 38.3



#22
Chrysene
Concen: 0.329 ng/ul
RT: 21.213 min Scan# 4089
Delta R.T. -0.011 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Tgt Ion:228 Resp: 1838
Ion Ratio Lower Upper
228 100
226 34.9 27.7 41.5
229 23.7 19.7 29.5

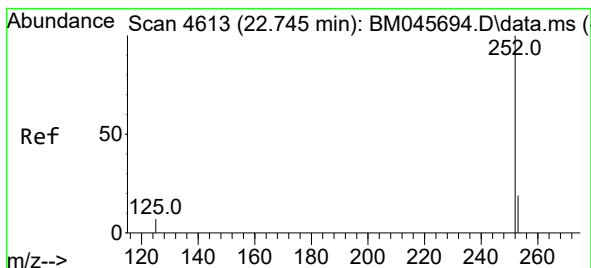
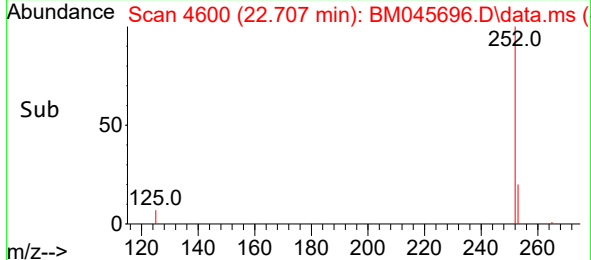
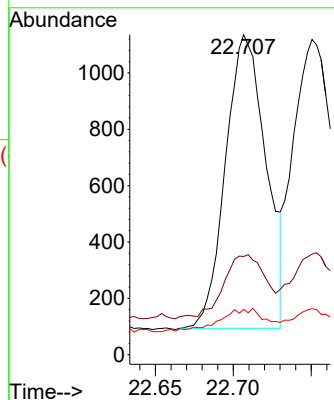
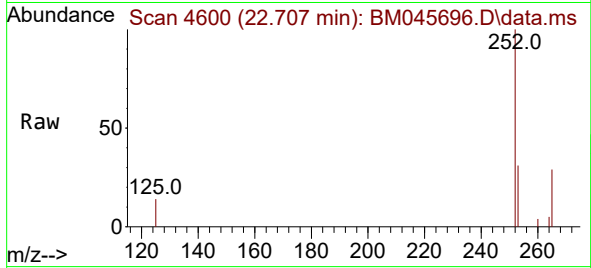




#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 22.707 min Scan# 41
Delta R.T. -0.014 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

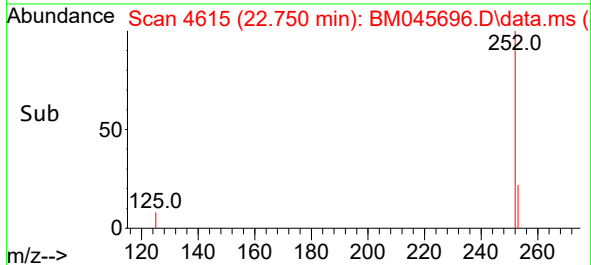
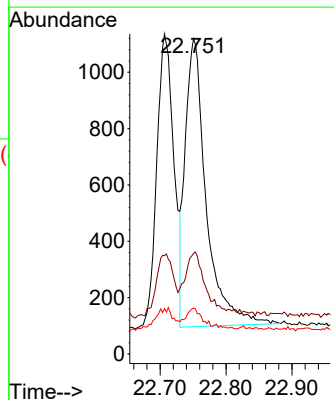
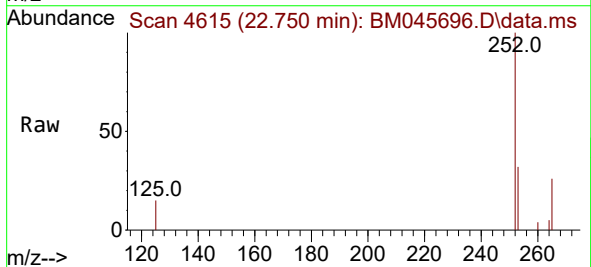
Instrument :
BNA_M
ClientSampleId :
SLCS587

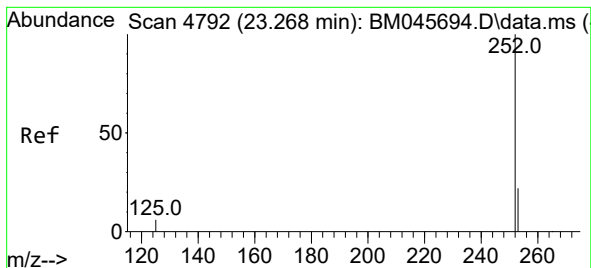
Tgt Ion:252 Resp: 1880
Ion Ratio Lower Upper
252 100
253 30.7 0.0 67.2
125 14.2 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 22.750 min Scan# 4615
Delta R.T. -0.014 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Tgt Ion:252 Resp: 2253
Ion Ratio Lower Upper
252 100
253 31.9 27.8 41.6
125 14.6 11.9 17.9





#26

Benzo(a)pyrene

Concen: 0.332 ng/ul

RT: 23.268 min Scan# 4792

Delta R.T. -0.020 min

Lab File: BM045696.D

Acq: 03 May 2024 15:14

Instrument :

BNA_M

ClientSampleId :

SLCS587

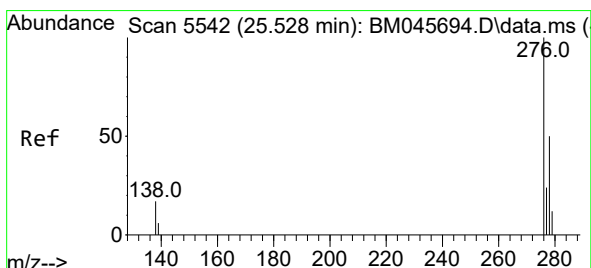
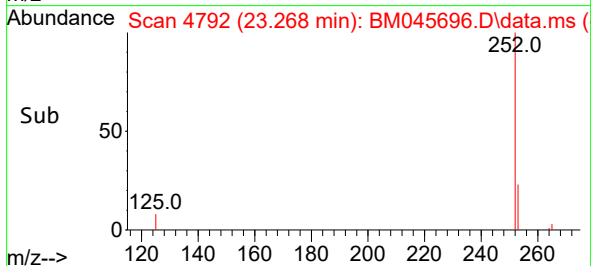
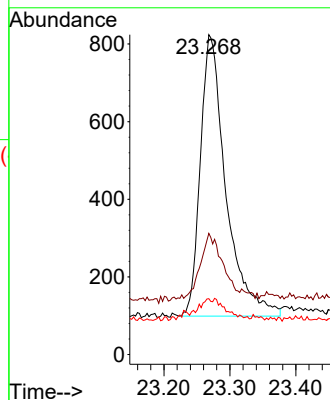
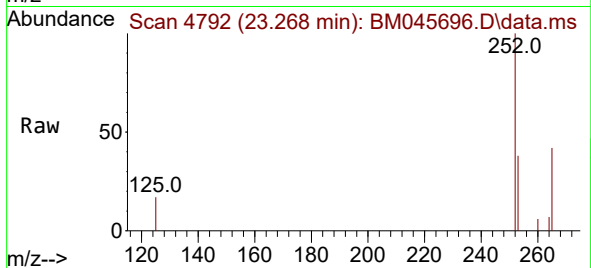
Tgt Ion:252 Resp: 1951

Ion Ratio Lower Upper

252 100

253 37.9 31.7 47.5

125 17.5 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.353 ng/ul

RT: 25.538 min Scan# 5545

Delta R.T. -0.029 min

Lab File: BM045696.D

Acq: 03 May 2024 15:14

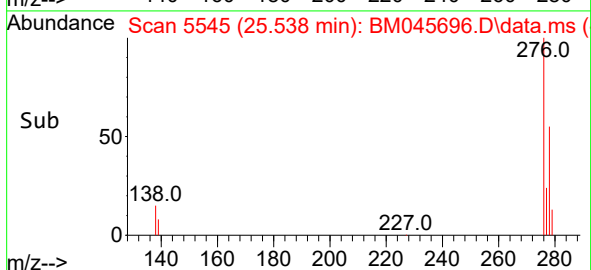
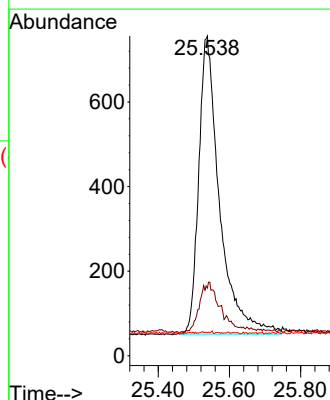
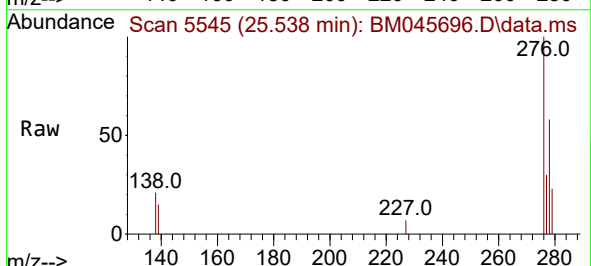
Tgt Ion:276 Resp: 2859

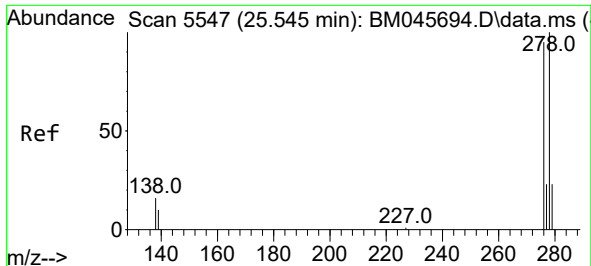
Ion Ratio Lower Upper

276 100

138 17.1 13.1 19.7

227 0.1 0.2 0.2#

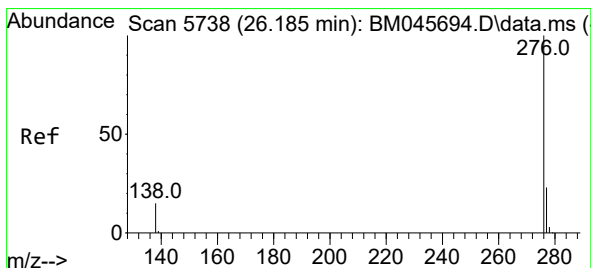
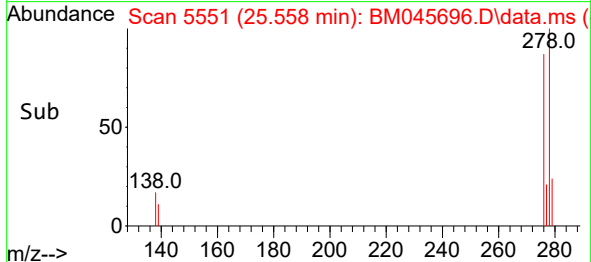
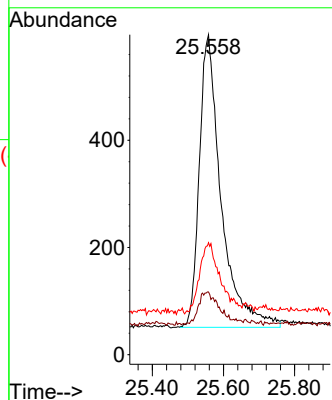
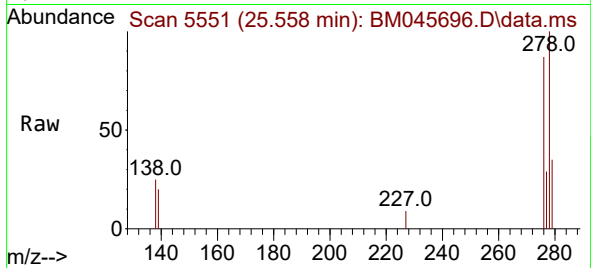




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.558 min Scan# 51
Delta R.T. -0.029 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Instrument :
BNA_M
ClientSampleId :
SLCS587

Tgt Ion:278 Resp: 2323
Ion Ratio Lower Upper
278 100
139 19.6 16.9 25.3
279 35.0 31.8 47.8



#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 26.195 min Scan# 5741
Delta R.T. -0.029 min
Lab File: BM045696.D
Acq: 03 May 2024 15:14

Tgt Ion:276 Resp: 2491
Ion Ratio Lower Upper
276 100
138 22.4 18.8 28.2
277 30.9 27.1 40.7

