

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045136.D
 Acq On : 11 Apr 2024 14:28
 Operator : MA/JU
 Sample : PB160147BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS147

Quant Time: Apr 11 14:57:40 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 : Wed Apr 10 11:09:26 2024
 Response via : Initial Calibration

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

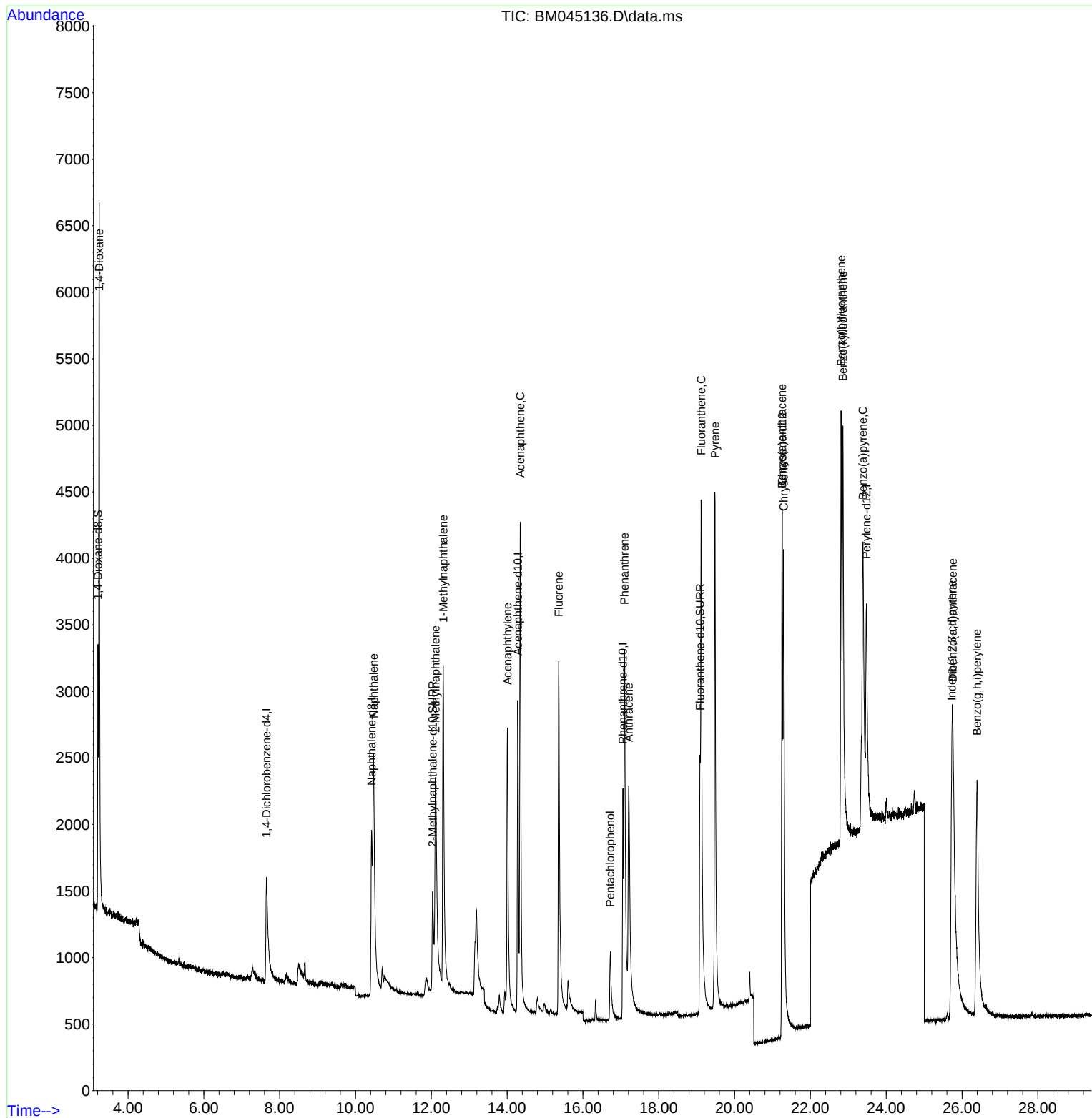
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	1073	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.424	136	3647	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.284	164	1800	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	3458	0.400	ng/ul	0.00
17) Chrysene-d12	21.260	240	2417	0.400	ng/ul	# 0.00
23) Perylene-d12	23.479	264	3067	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	1351	0.959	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	2156	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.089	212	3645	0.597	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	3769	2.789	ng/ul#	80
5) Naphthalene	10.479	128	4346	0.449	ng/ul	97
7) 2-Methylnaphthalene	12.112	142	2551	0.442	ng/ul	99
8) 1-Methylnaphthalene	12.316	142	2641	0.419	ng/ul	98
10) Acenaphthylene	14.011	152	4118	0.459	ng/ul	96
11) Acenaphthene	14.348	153	3023	0.470	ng/ul	98
12) Fluorene	15.361	166	3115	0.432	ng/ul	97
14) Pentachlorophenol	16.722	266	684	0.844	ng/ul	95
15) Phenanthrene	17.098	178	4537	0.466	ng/ul	97
16) Anthracene	17.208	178	4481	0.467	ng/ul	95
19) Fluoranthene	19.117	202	5107	0.591	ng/ul#	94
20) Pyrene	19.484	202	5375	0.589	ng/ul	96
21) Benzo(a)anthracene	21.252	228	3535	0.420	ng/ul	97
22) Chrysene	21.295	228	5482	0.522	ng/ul	97
24) Benzo(b)fluoranthene	22.809	252	4771	0.431	ng/ul	92
25) Benzo(k)fluoranthene	22.856	252	6159	0.496	ng/ul#	90
26) Benzo(a)pyrene	23.385	252	4941	0.467	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.729	276	6091	0.420	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.759	278	4621	0.403	ng/ul#	79
29) Benzo(g,h,i)perylene	26.397	276	5802	0.464	ng/ul#	92

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

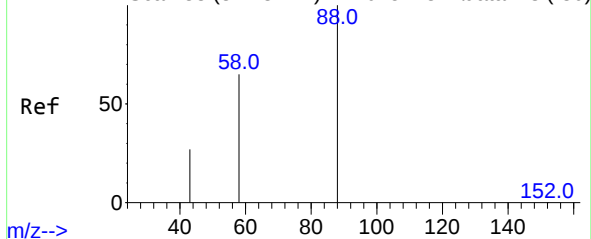
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045136.D
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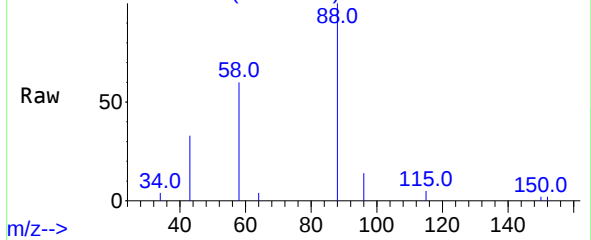


Abundance Scan 38 (3.243 min): BM045123.D\data.ms (-30)



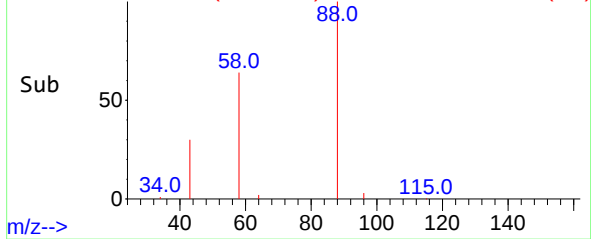
m/z-->

Abundance Scan 37 (3.239 min): BM045136.D\data.ms



m/z-->

Abundance Scan 37 (3.239 min): BM045136.D\data.ms (-24)



m/z-->

#2

1,4-Dioxane

Concen: 2.789 ng/ul

RT: 3.239 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM045136.D

Acq: 11 Apr 2024 14:28

Instrument :

BNA_M

ClientSampleId :

SLCS147

Tgt Ion: 88 Resp: 3769

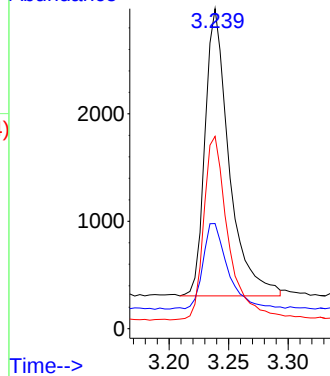
Ion Ratio Lower Upper

88 100

43 32.9 30.6 46.0

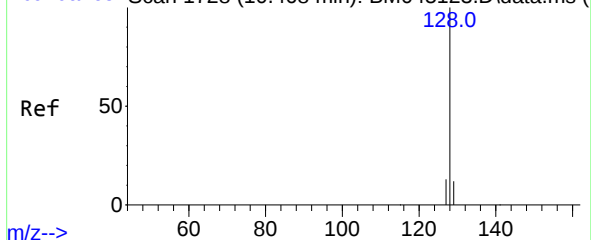
58 60.1 32.6 48.8#

Abundance



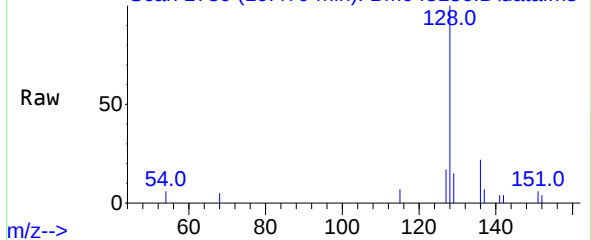
Time-->

Abundance Scan 1728 (10.468 min): BM045123.D\data.ms (-30)



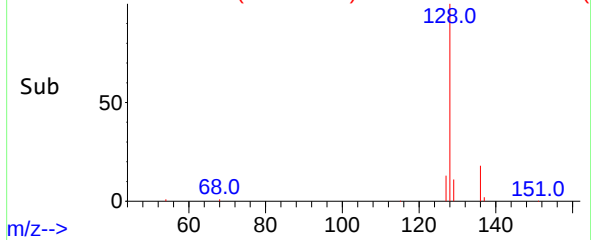
m/z-->

Abundance Scan 1730 (10.479 min): BM045136.D\data.ms



m/z-->

Abundance Scan 1730 (10.479 min): BM045136.D\data.ms (-24)



m/z-->

#5

Naphthalene

Concen: 0.449 ng/ul

RT: 10.479 min Scan# 1730

Delta R.T. 0.005 min

Lab File: BM045136.D

Acq: 11 Apr 2024 14:28

Tgt Ion:128 Resp: 4346

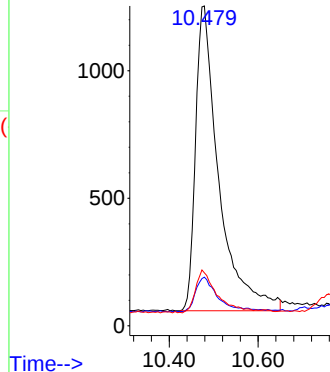
Ion Ratio Lower Upper

128 100

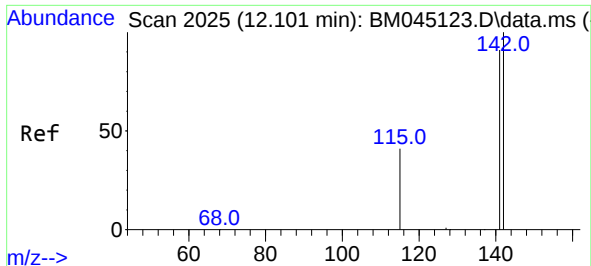
129 15.2 11.3 16.9

127 16.6 11.9 17.9

Abundance



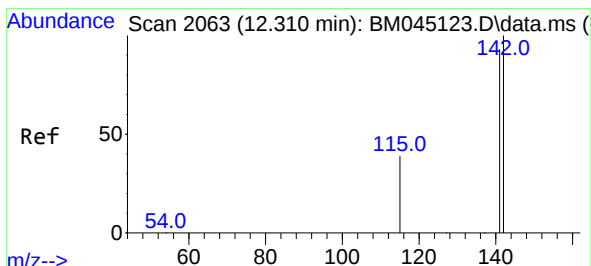
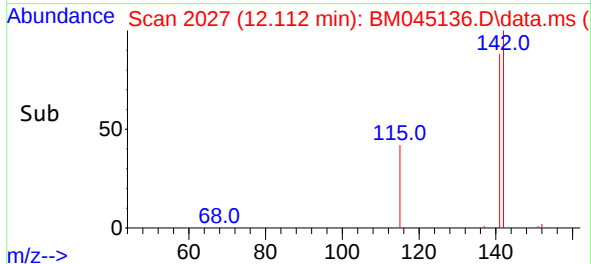
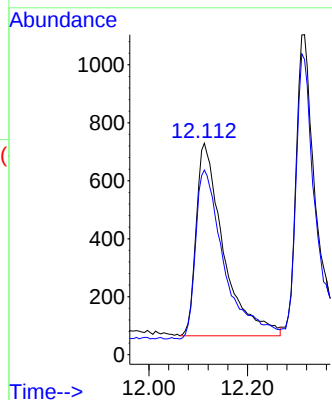
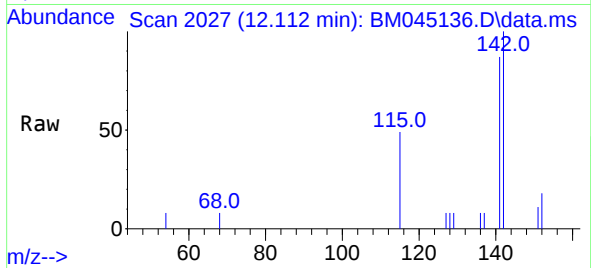
Time-->



#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.112 min Scan# 2027
Delta R.T. 0.005 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

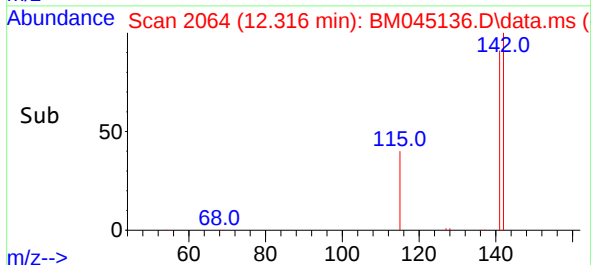
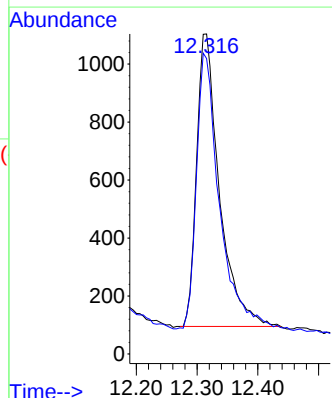
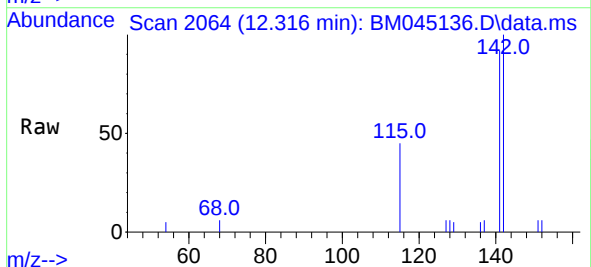
Instrument :
BNA_M
ClientSampleId :
SLCS147

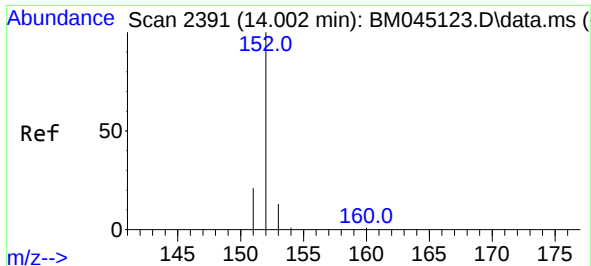
Tgt Ion:142 Resp: 2551
Ion Ratio Lower Upper
142 100
141 93.5 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. 0.005 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:142 Resp: 2641
Ion Ratio Lower Upper
142 100
141 95.0 74.2 111.2

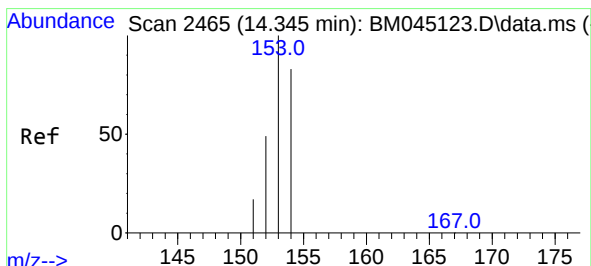
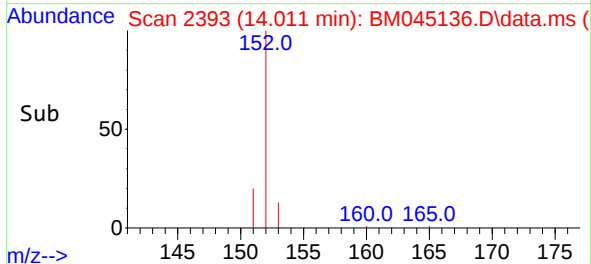
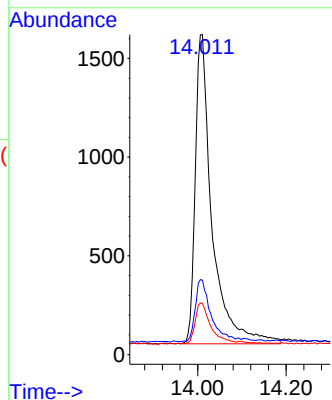
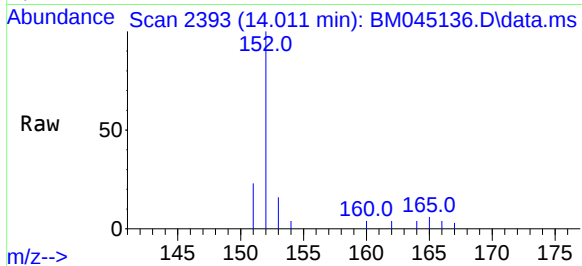




#10
Acenaphthylene
Concen: 0.459 ng/ul
RT: 14.011 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

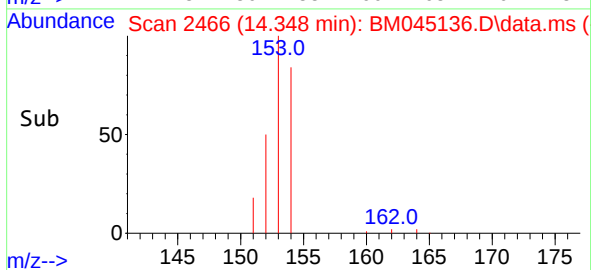
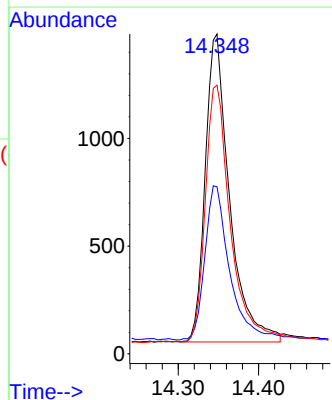
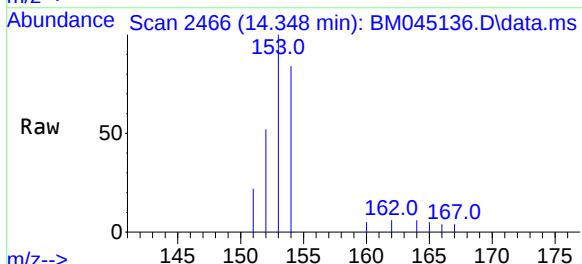
Instrument :
BNA_M
ClientSampleId :
SLCS147

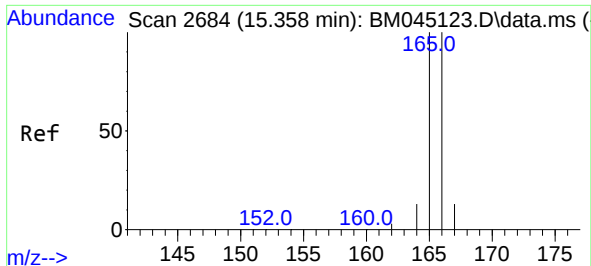
Tgt Ion:	152	Resp:	4118
Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.0	25.4
153	16.0	11.9	17.9



#11
Acenaphthene
Concen: 0.470 ng/ul
RT: 14.348 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:	153	Resp:	3023
Ion	Ratio	Lower	Upper
153	100		
152	52.3	41.2	61.8
154	84.0	69.4	104.0

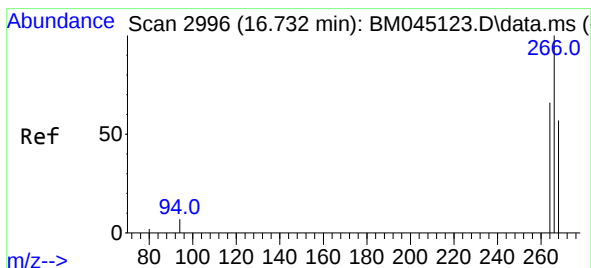
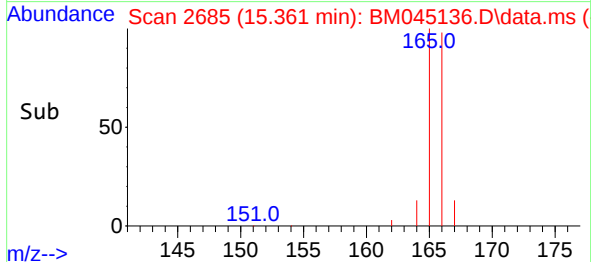
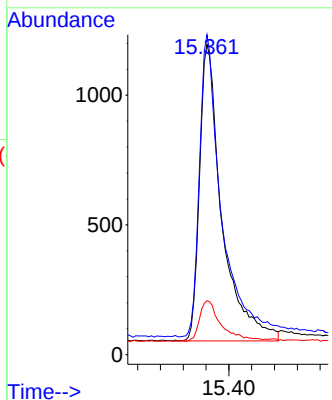
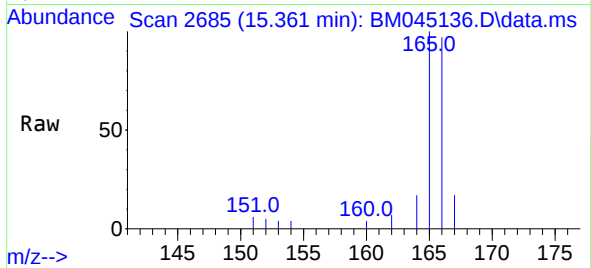




#12
Fluorene
Concen: 0.432 ng/ul
RT: 15.361 min Scan# 20
Delta R.T. 0.004 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

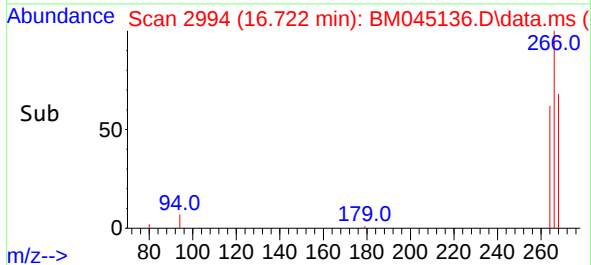
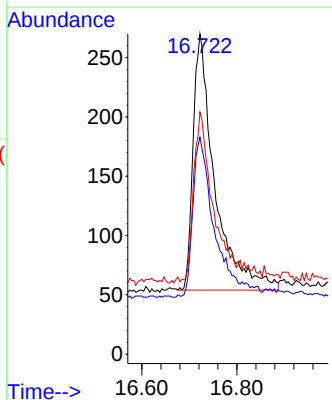
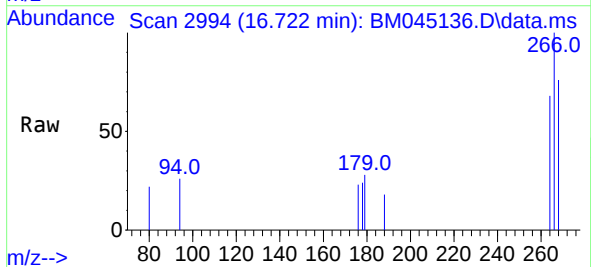
Instrument :
BNA_M
ClientSampleId :
SLCS147

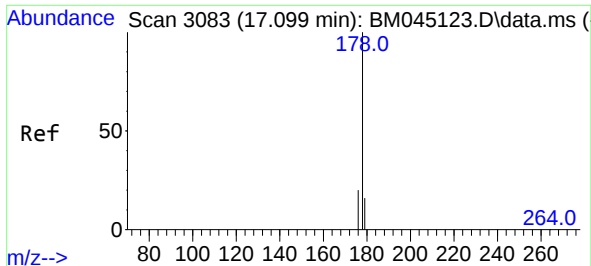
Tgt Ion:166 Resp: 3115
Ion Ratio Lower Upper
166 100
165 103.1 79.9 119.9
167 17.4 12.2 18.2



#14
Pentachlorophenol
Concen: 0.844 ng/ul
RT: 16.722 min Scan# 2994
Delta R.T. -0.004 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:266 Resp: 684
Ion Ratio Lower Upper
266 100
264 62.7 48.3 72.5
268 60.2 52.6 79.0

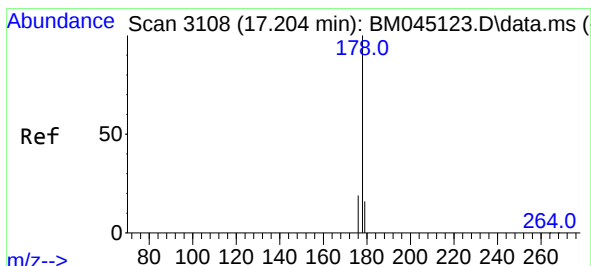
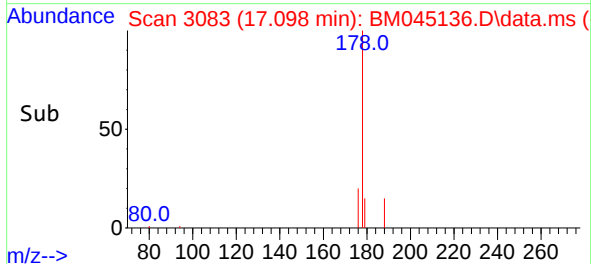
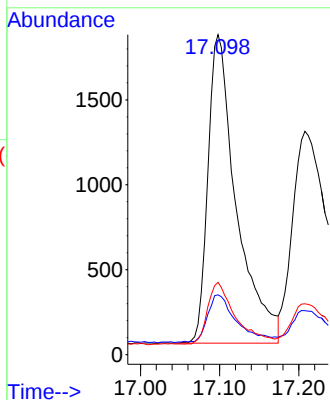
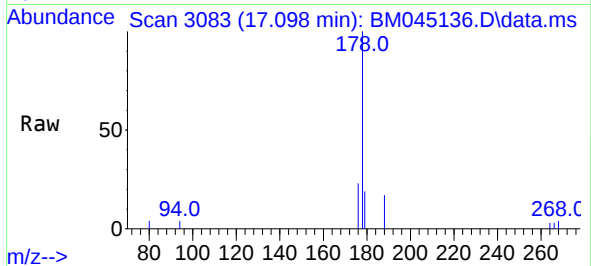




#15
Phenanthrene
Concen: 0.466 ng/ul
RT: 17.098 min Scan# 3083
Delta R.T. 0.004 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

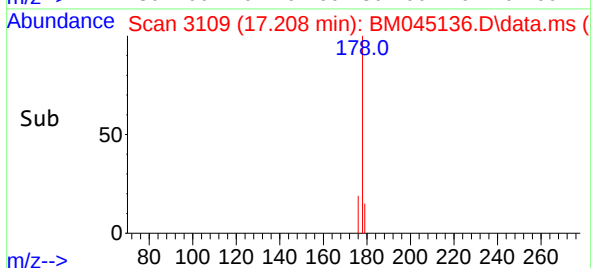
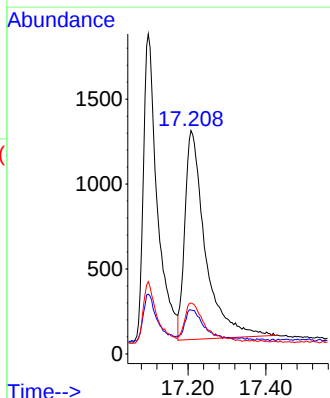
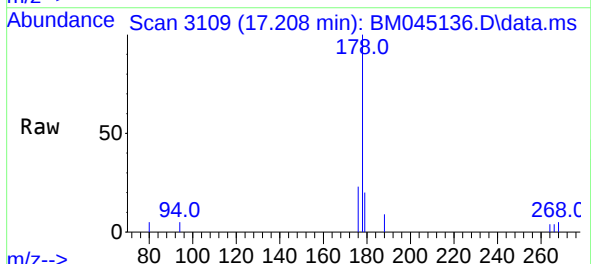
Instrument :
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SLCS147

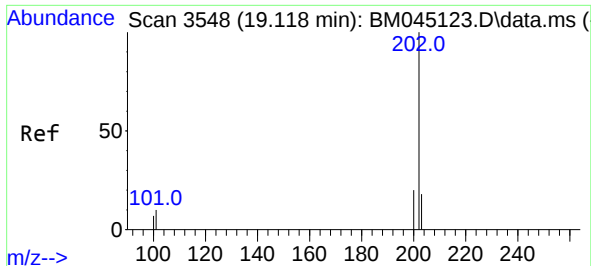
Tgt Ion:	178	Resp:	4537
Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.7	20.5
176	22.6	17.0	25.4



#16
Anthracene
Concen: 0.467 ng/ul
RT: 17.208 min Scan# 3109
Delta R.T. 0.008 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:	178	Resp:	4481
Ion	Ratio	Lower	Upper
178	100		
179	19.7	13.8	20.8
176	22.7	16.2	24.4

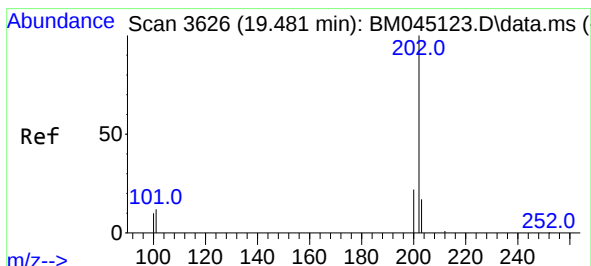
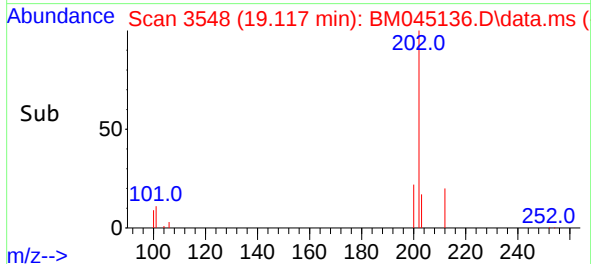
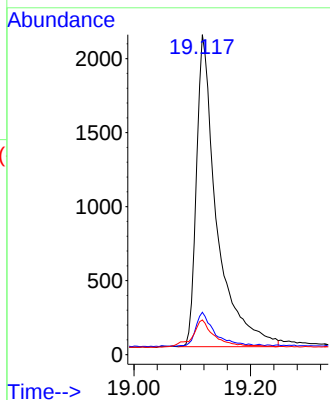
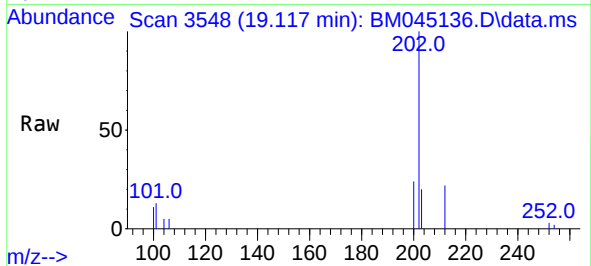




#19
Fluoranthene
Concen: 0.591 ng/u1
RT: 19.117 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

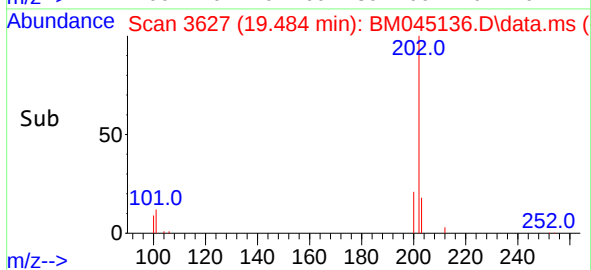
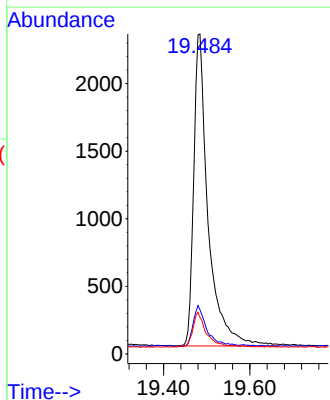
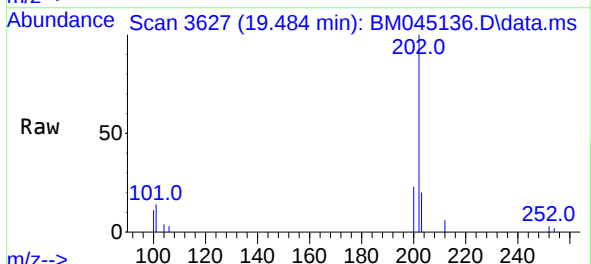
Instrument :
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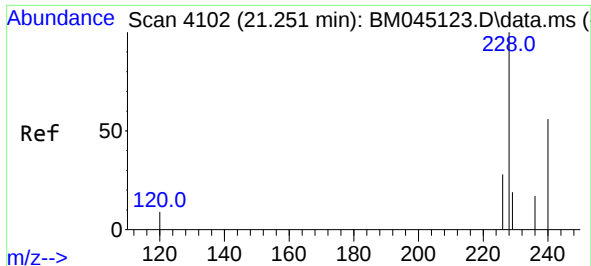
Tgt Ion:202 Resp: 5107
Ion Ratio Lower Upper
202 100
101 13.2 8.8 13.2#
100 10.8 7.0 10.4#



#20
Pyrene
Concen: 0.589 ng/u1
RT: 19.484 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:202 Resp: 5375
Ion Ratio Lower Upper
202 100
101 13.8 9.8 14.6
100 11.4 8.1 12.1

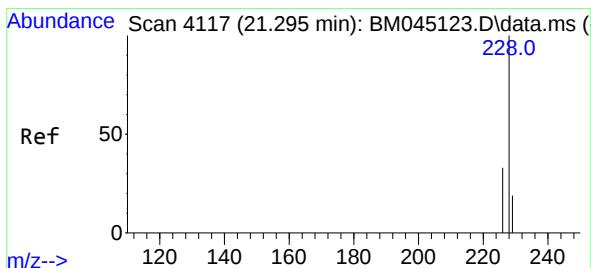
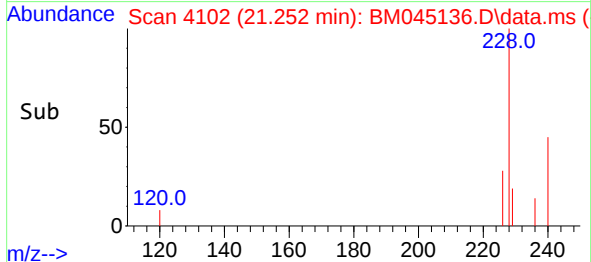
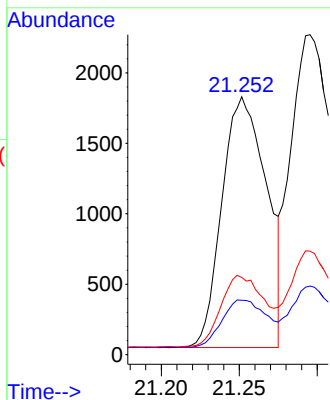
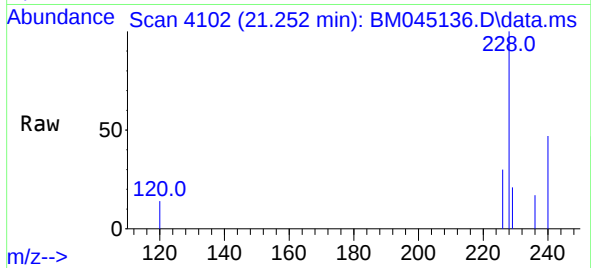




#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.252 min Scan# 4102
Delta R.T. 0.006 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

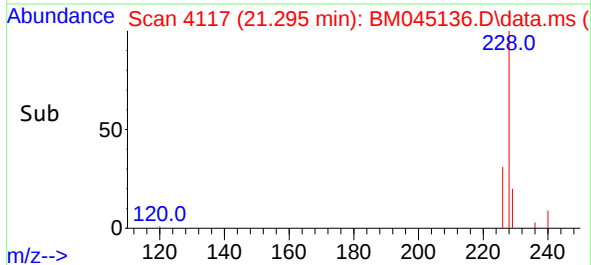
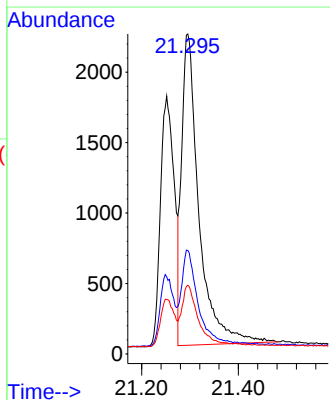
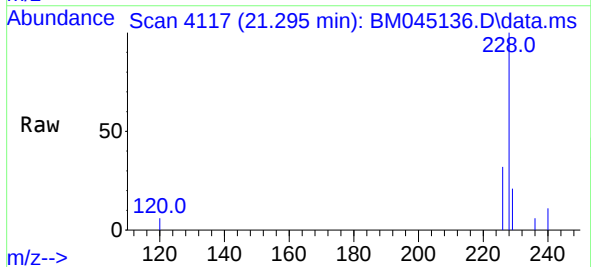
Instrument :
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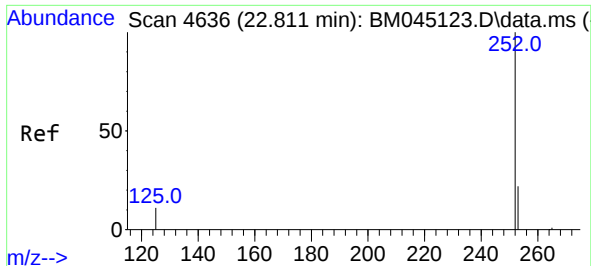
Tgt Ion:228 Resp: 3535
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 30.0 22.3 33.5



#22
Chrysene
Concen: 0.522 ng/ul
RT: 21.295 min Scan# 4117
Delta R.T. 0.003 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:228 Resp: 5482
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 21.4 15.9 23.9

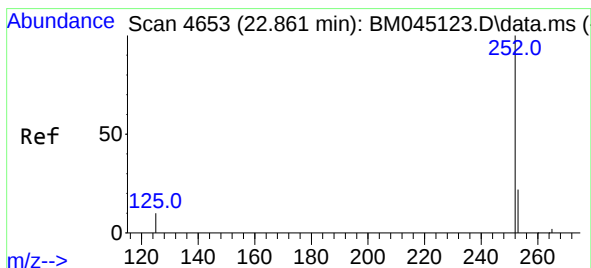
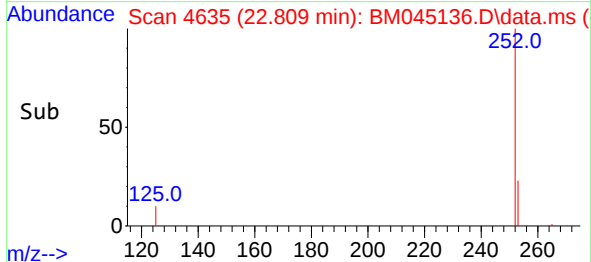
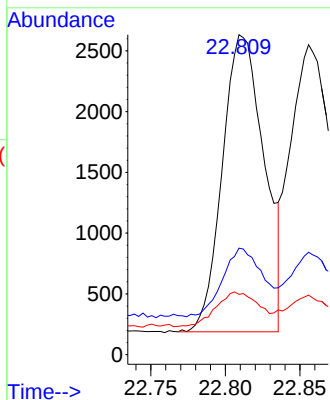
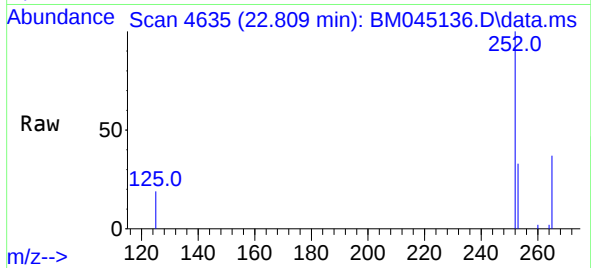




#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 22.809 min Scan# 4635
Delta R.T. -0.000 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

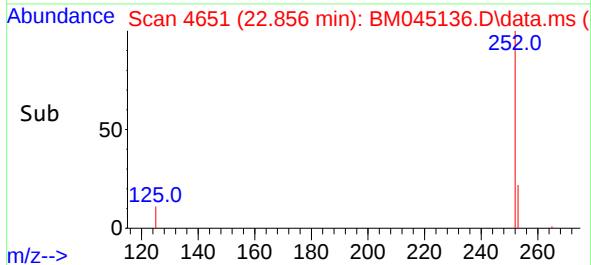
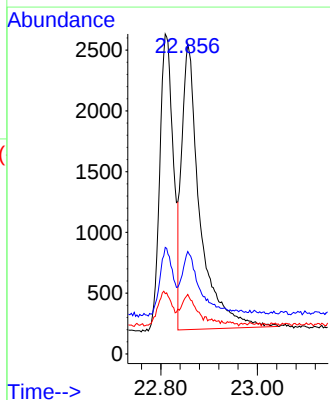
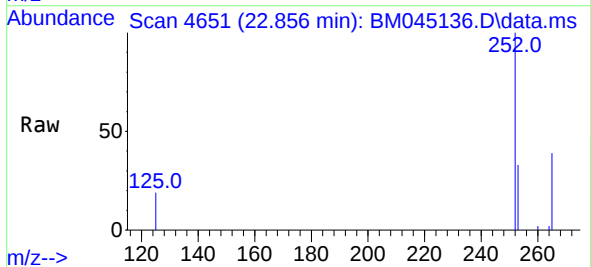
Instrument :
BNA_M
ClientSampleId :
SLCS147

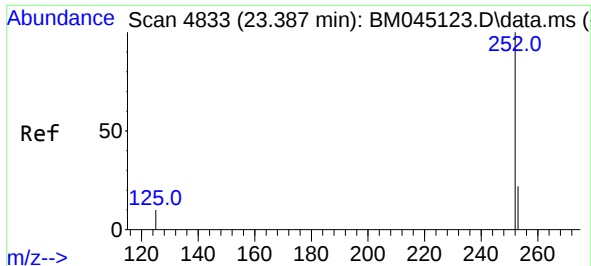
Tgt Ion:	252	Resp:	4771
Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	56.4
125	18.9	0.0	33.4



#25
Benzo(k)fluoranthene
Concen: 0.496 ng/ul
RT: 22.856 min Scan# 4651
Delta R.T. -0.000 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:	252	Resp:	6159
Ion	Ratio	Lower	Upper
252	100		
253	33.0	22.3	33.5
125	19.2	11.6	17.4

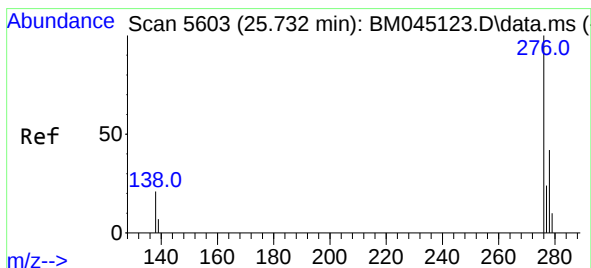
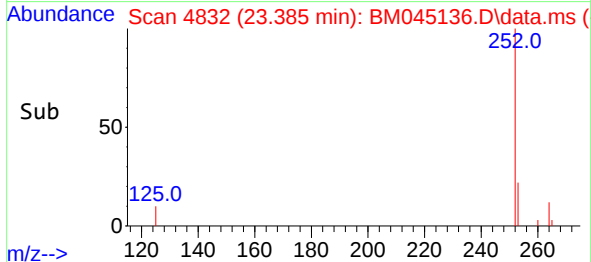
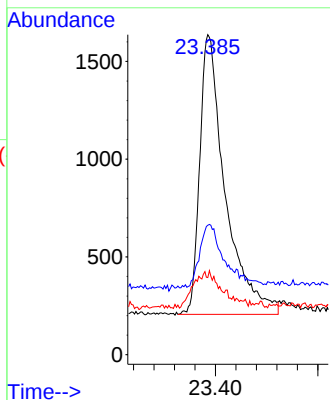
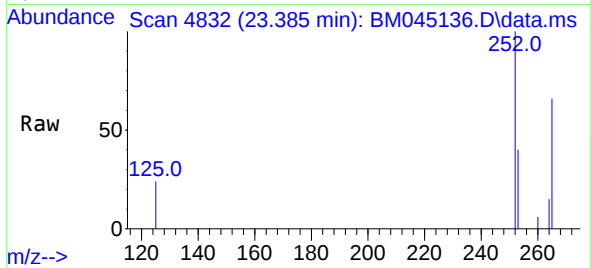




#26
Benzo(a)pyrene
Concen: 0.467 ng/ul
RT: 23.385 min Scan# 4833
Delta R.T. -0.000 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

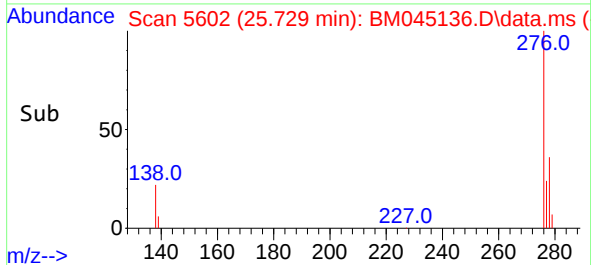
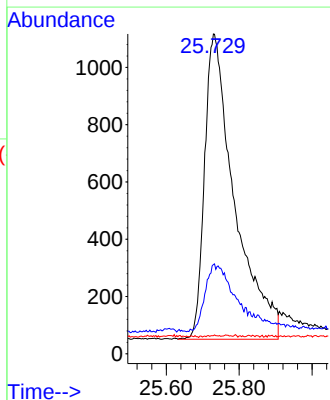
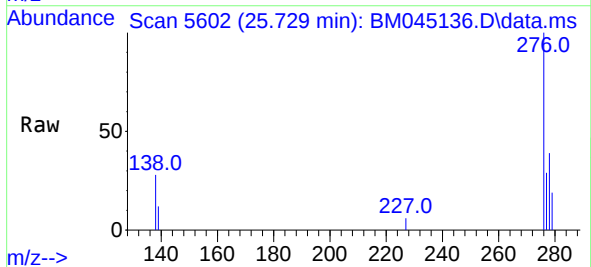
Instrument :
BNA_M
ClientSampleId :
SLCS147

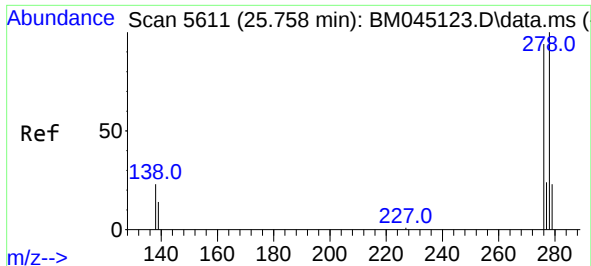
Tgt Ion:	252	Resp:	4941
Ion Ratio	Lower	Upper	
252	100		
253	40.4	24.6	37.0#
125	24.1	18.2	27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 25.729 min Scan# 5602
Delta R.T. 0.010 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:	276	Resp:	6091
Ion Ratio	Lower	Upper	
276	100		
138	24.2	0.0	0.0#
227	0.1	0.1	0.1

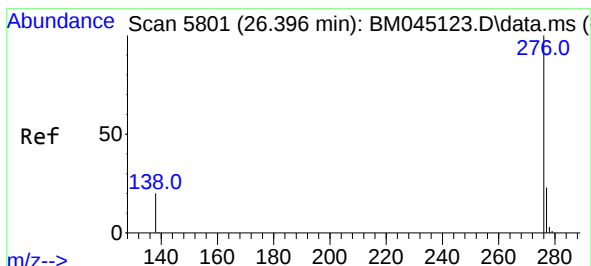
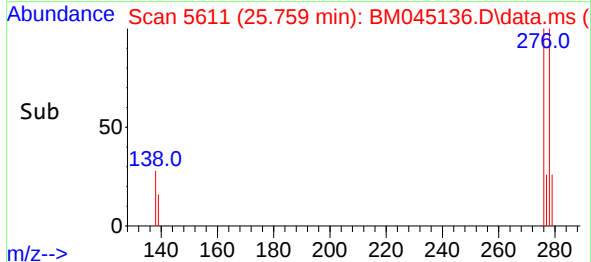
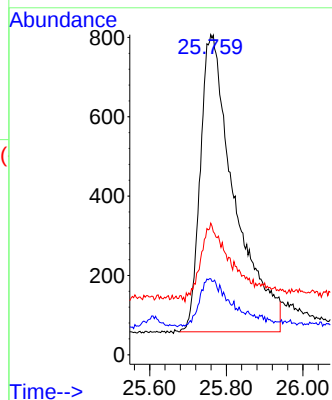
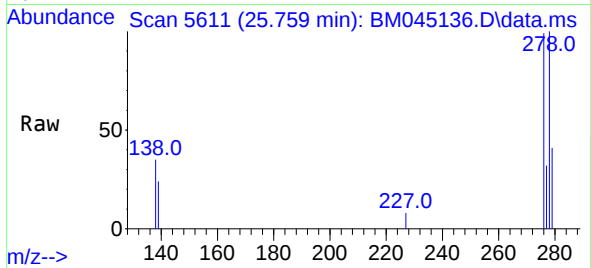




#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 25.759 min Scan# 501
Delta R.T. 0.010 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Instrument :
BNA_M
ClientSampleId :
SLCS147

Tgt Ion:278 Resp: 4621
Ion Ratio Lower Upper
278 100
139 23.8 13.6 20.4#
279 41.1 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.464 ng/ul
RT: 26.397 min Scan# 5801
Delta R.T. 0.010 min
Lab File: BM045136.D
Acq: 11 Apr 2024 14:28

Tgt Ion:276 Resp: 5802
Ion Ratio Lower Upper
276 100
138 26.2 16.8 25.2#
277 27.8 20.3 30.5

