

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046818.D
 Acq On : 26 Jul 2024 02:18
 Operator : MA/JU
 Sample : PB162156BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS156

Quant Time: Jul 26 02:51:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

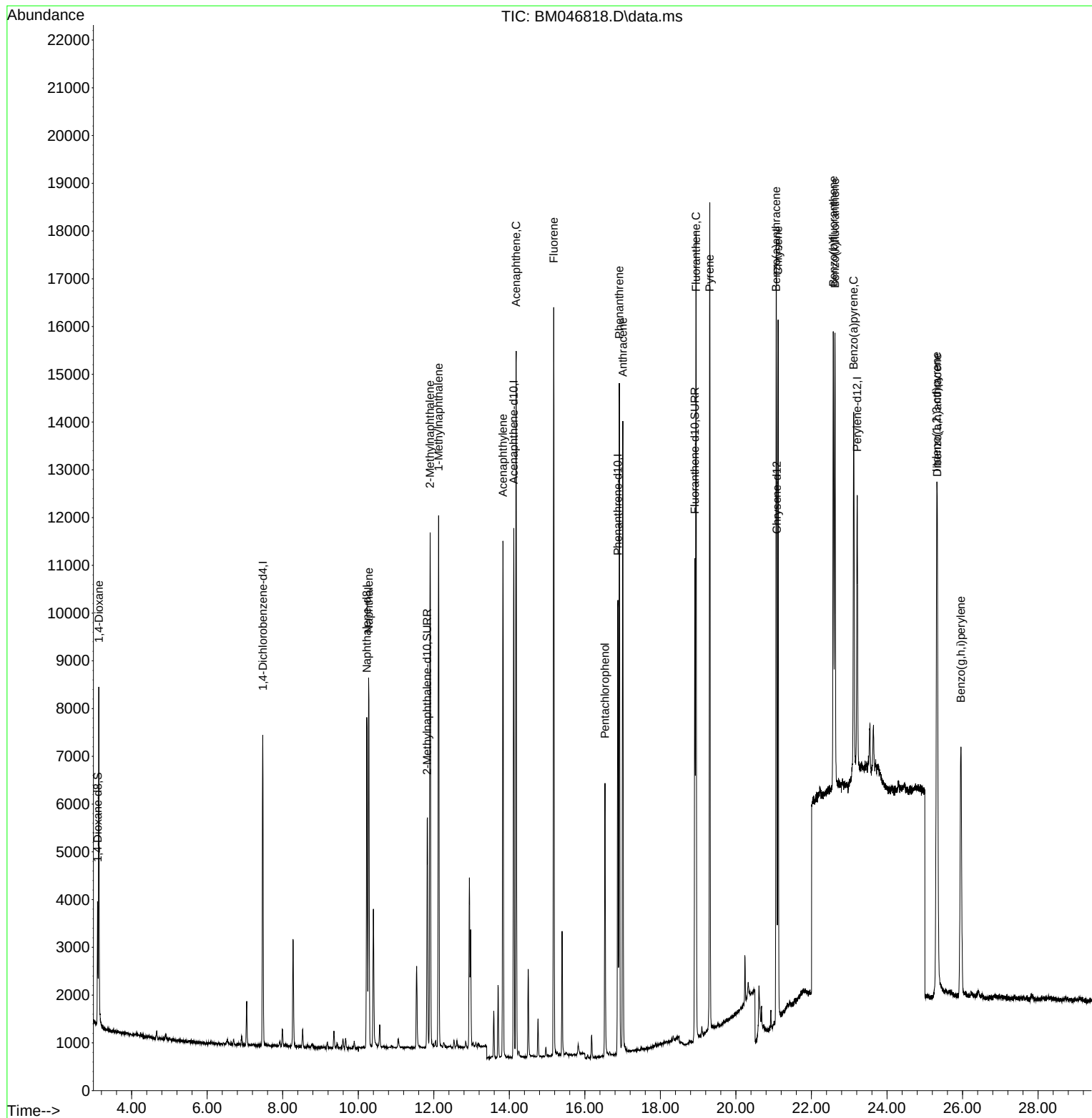
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	3238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	9439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	5942	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	11760	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	6608	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	7007	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1596	0.704	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	6571	0.438	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	11347	0.527	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.130	88	4311	1.662	ng/ul#	83
5) Naphthalene	10.275	128	10267	0.430	ng/ul	99
7) 2-Methylnaphthalene	11.903	142	7419	0.452	ng/ul	99
8) 1-Methylnaphthalene	12.129	142	7489	0.441	ng/ul	99
10) Acenaphthylene	13.830	152	12108	0.445	ng/ul	99
11) Acenaphthene	14.182	153	8483	0.459	ng/ul	98
12) Fluorene	15.176	166	9699	0.420	ng/ul	97
14) Pentachlorophenol	16.532	266	3665	0.688	ng/ul	99
15) Phenanthrene	16.912	178	14336	0.424	ng/ul	98
16) Anthracene	17.005	178	13625	0.433	ng/ul	99
19) Fluoranthene	18.945	202	15327	0.528	ng/ul	99
20) Pyrene	19.308	202	15610	0.520	ng/ul	98
21) Benzo(a)anthracene	21.067	228	12360	0.449	ng/ul	99
22) Chrysene	21.117	228	11895	0.425	ng/ul	98
24) Benzo(b)fluoranthene	22.578	252	11861	0.386	ng/ul	90
25) Benzo(k)fluoranthene	22.622	252	11812	0.381	ng/ul#	94
26) Benzo(a)pyrene	23.116	252	10756	0.487	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.316	276	14199	0.418	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.333	278	10896	0.438	ng/ul#	94
29) Benzo(g,h,i)perylene	25.957	276	11215	0.375	ng/ul#	94

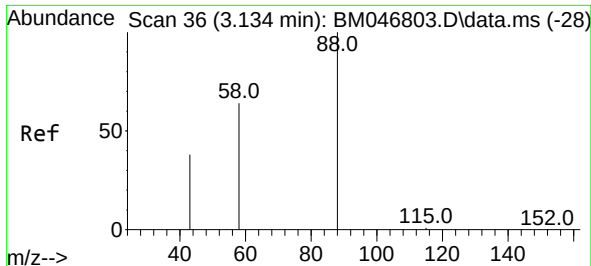
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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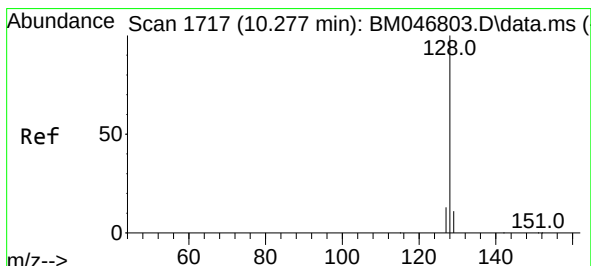
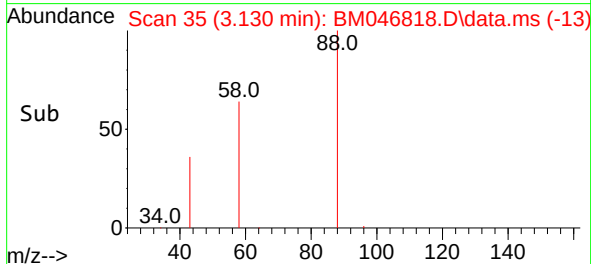
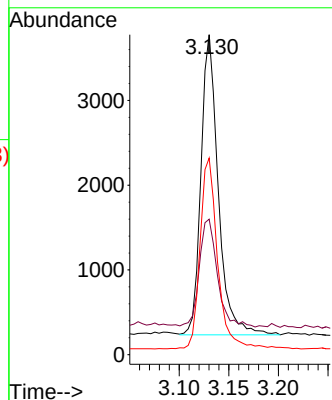
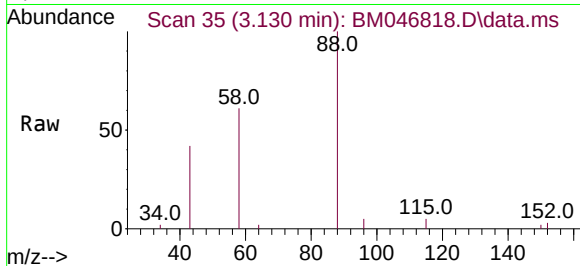




#2
1,4-Dioxane
Concen: 1.662 ng/ul
RT: 3.130 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

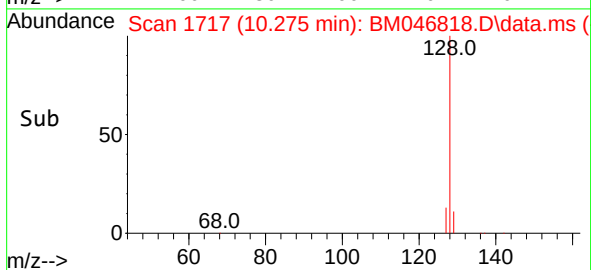
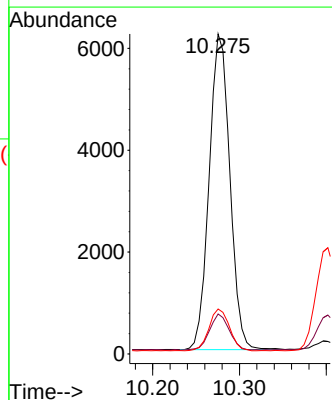
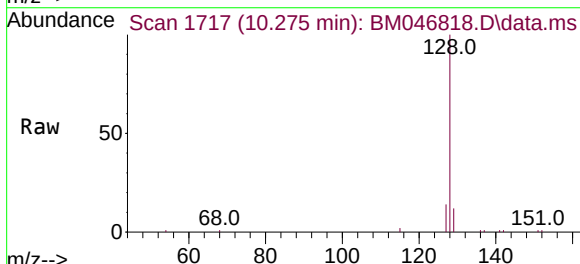
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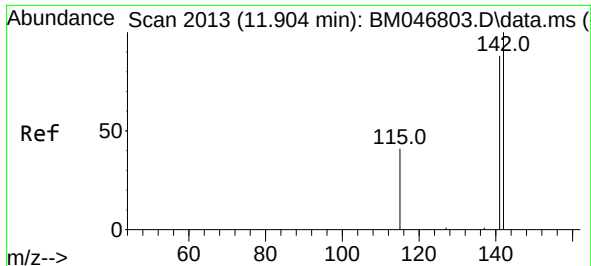
Tgt Ion: 88 Resp: 4311
Ion Ratio Lower Upper
88 100
43 42.4 42.1 63.1
58 61.5 38.3 57.5#



#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion: 128 Resp: 10267
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 14.0 11.5 17.3

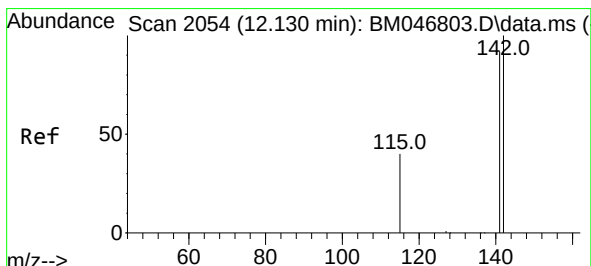
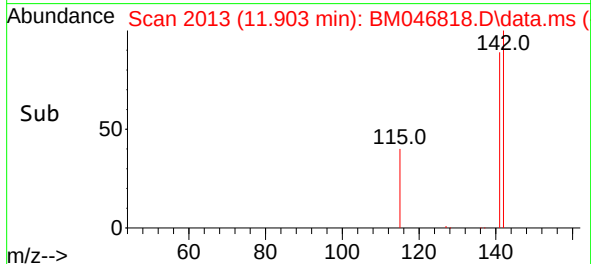
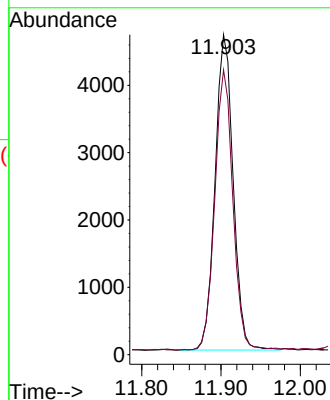
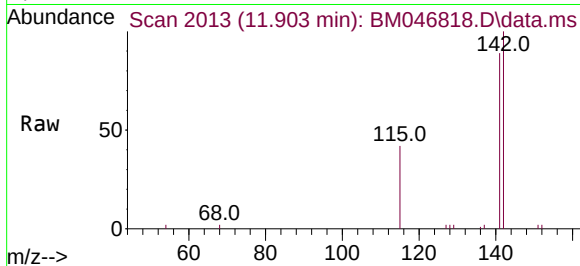




#7
2-Methylnaphthalene
Concen: 0.452 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

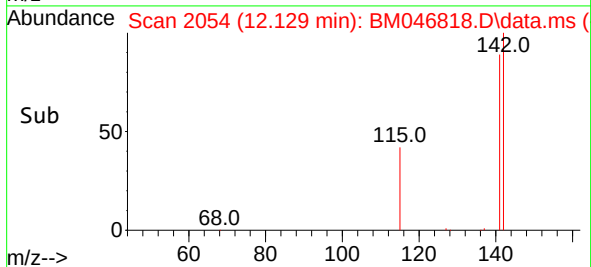
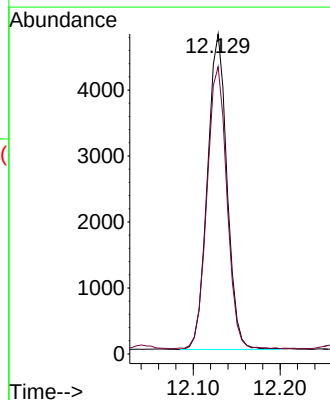
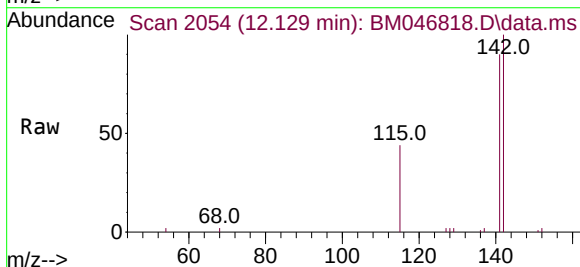
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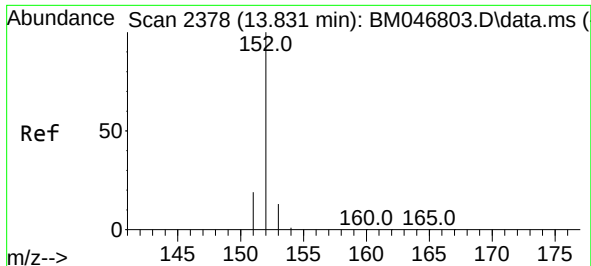
Tgt Ion:142 Resp: 7419
Ion Ratio Lower Upper
142 100
141 88.9 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion:142 Resp: 7489
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7

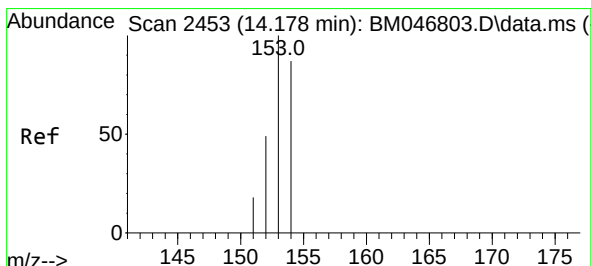
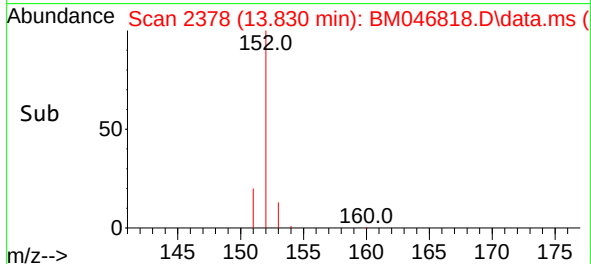
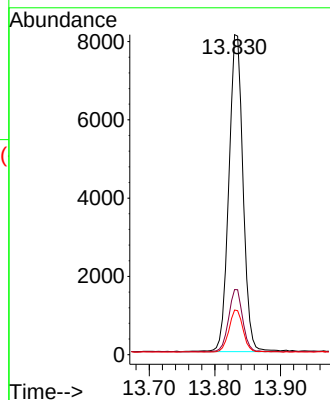
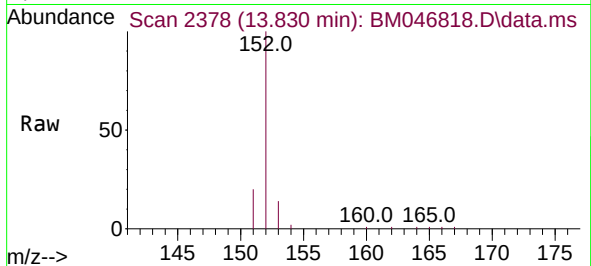




#10
Acenaphthylene
Concen: 0.445 ng/ul
RT: 13.830 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

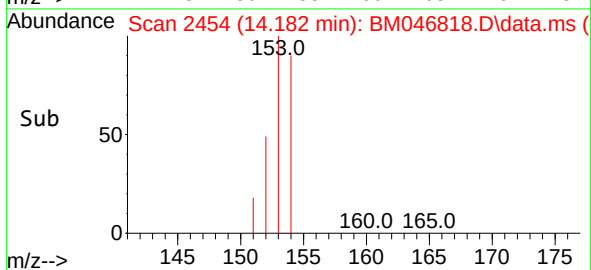
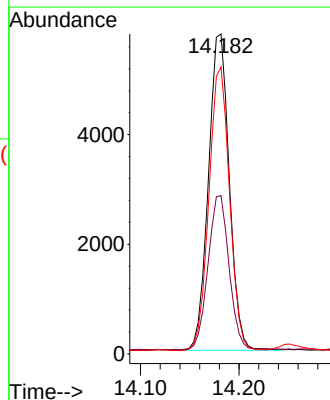
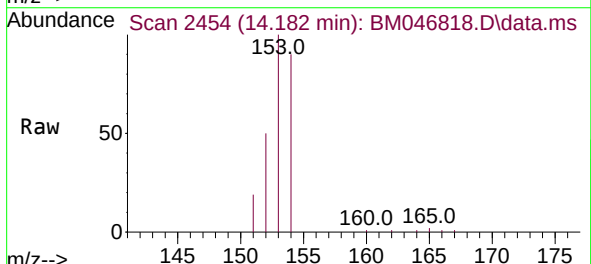
Instrument :
BNA_M
ClientSampleId :
SLCS156

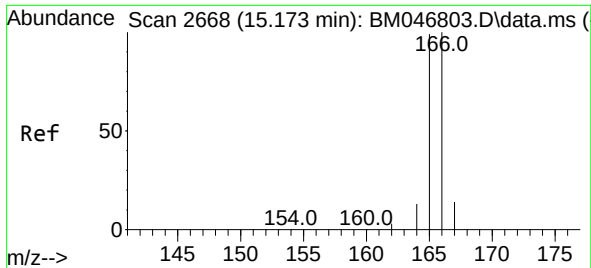
Tgt Ion:152	Resp:	12108
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.8 25.2
153	13.9	11.0 16.6



#11
Acenaphthene
Concen: 0.459 ng/ul
RT: 14.182 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion:153	Resp:	8483
Ion Ratio	Lower	Upper
153	100	
152	49.5	38.6 57.8
154	89.7	70.8 106.2

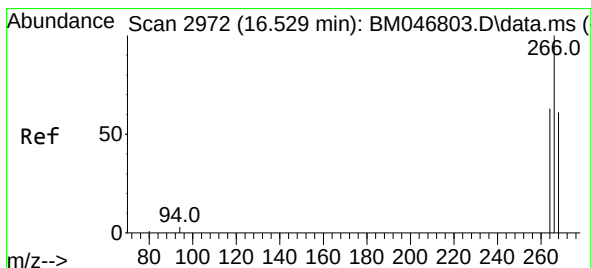
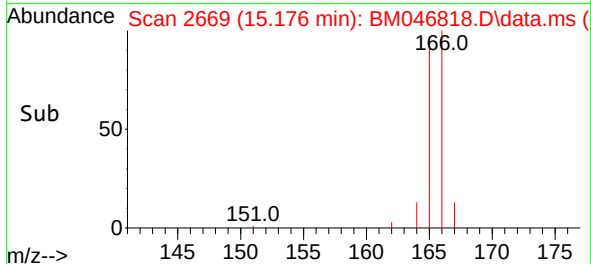
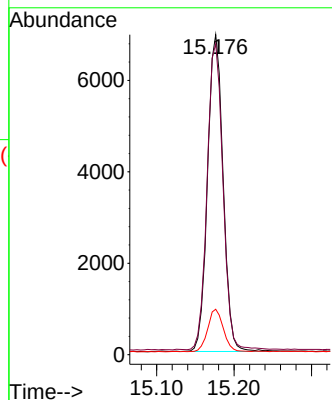
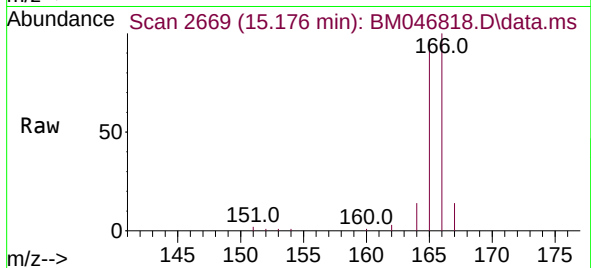




#12
 Fluorene
 Concen: 0.420 ng/ul
 RT: 15.176 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: BM046818.D
 Acq: 26 Jul 2024 02:18

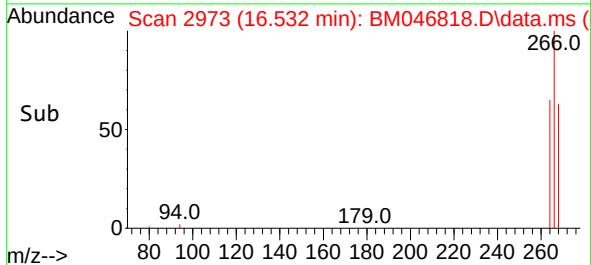
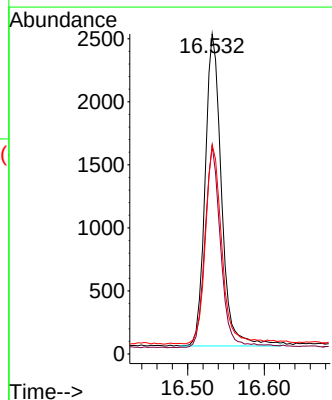
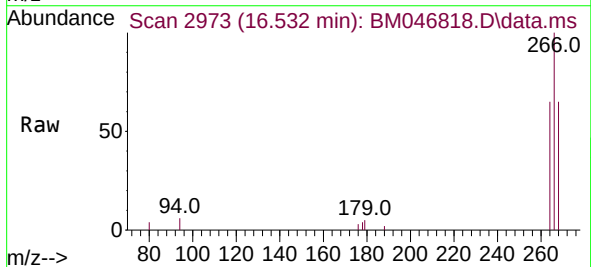
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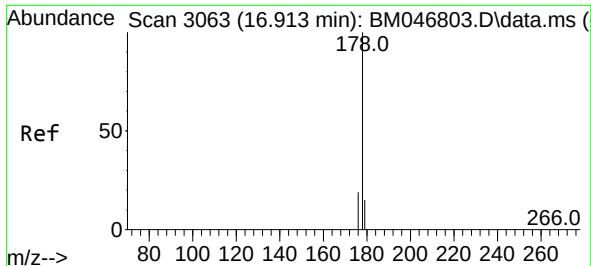
Tgt Ion:166 Resp: 9699
 Ion Ratio Lower Upper
 166 100
 165 97.1 79.8 119.6
 167 14.2 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.688 ng/ul
 RT: 16.532 min Scan# 2973
 Delta R.T. -0.001 min
 Lab File: BM046818.D
 Acq: 26 Jul 2024 02:18

Tgt Ion:266 Resp: 3665
 Ion Ratio Lower Upper
 266 100
 264 62.8 51.1 76.7
 268 63.8 51.8 77.6

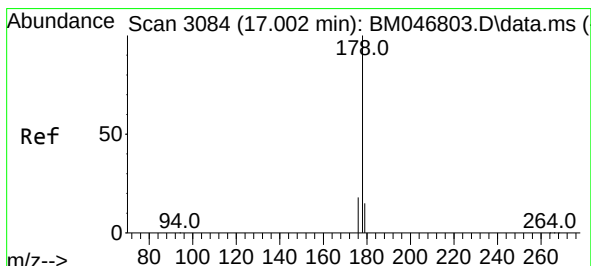
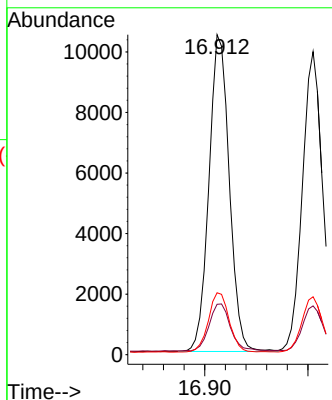
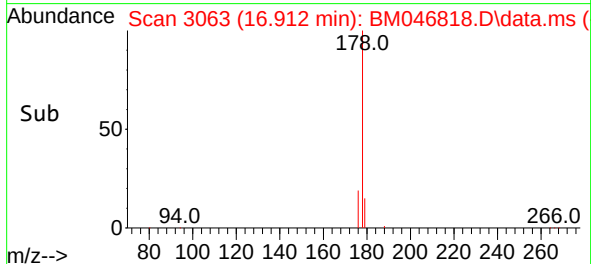
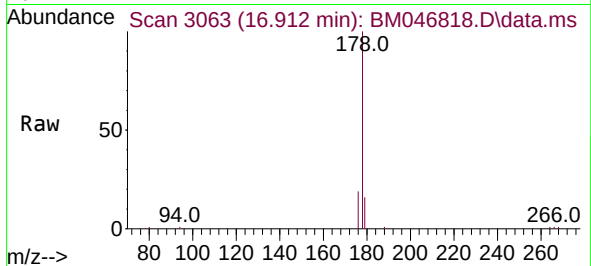




#15
Phenanthrene
Concen: 0.424 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

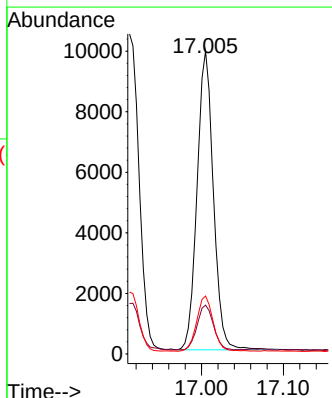
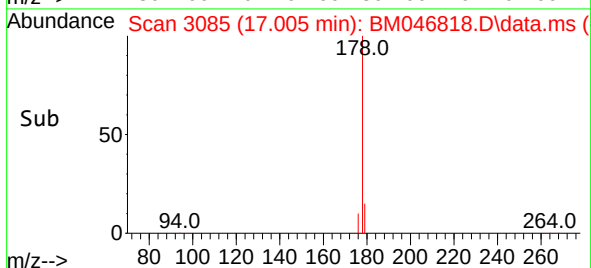
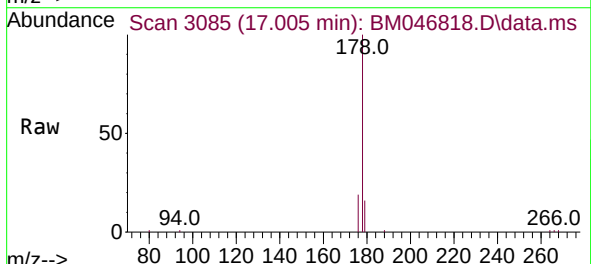
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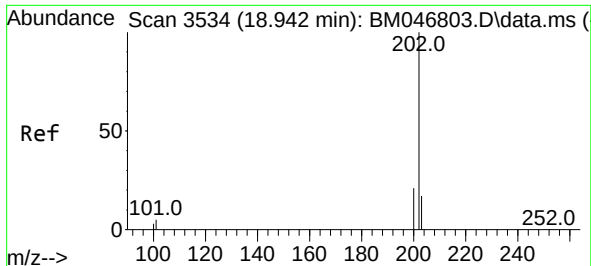
Tgt Ion:178 Resp: 14336
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 19.3 16.1 24.1



#16
Anthracene
Concen: 0.433 ng/ul
RT: 17.005 min Scan# 3085
Delta R.T. -0.001 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion:178 Resp: 13625
Ion Ratio Lower Upper
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179 16.1 13.1 19.7
176 19.1 15.0 22.6

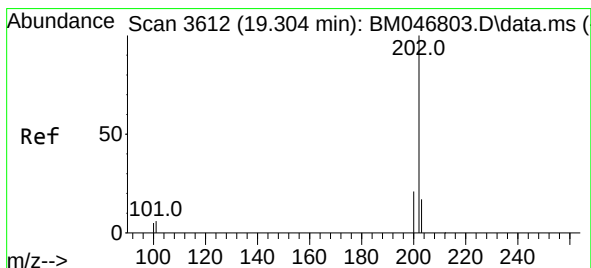
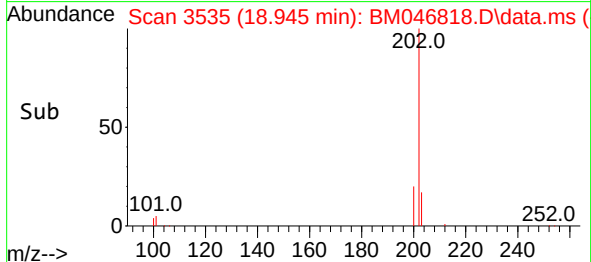
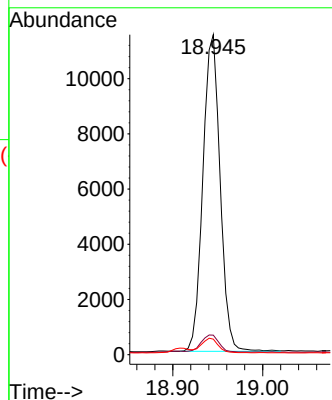
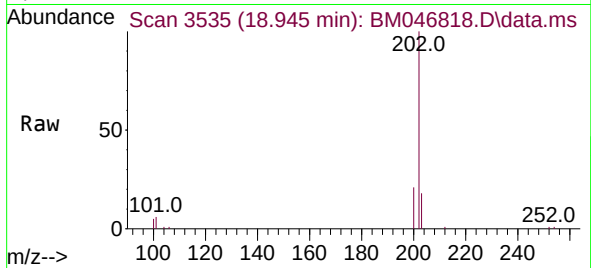




#19
Fluoranthene
Concen: 0.528 ng/ul
RT: 18.945 min Scan# 3534
Delta R.T. 0.003 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

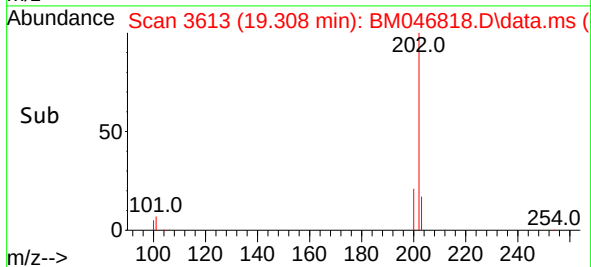
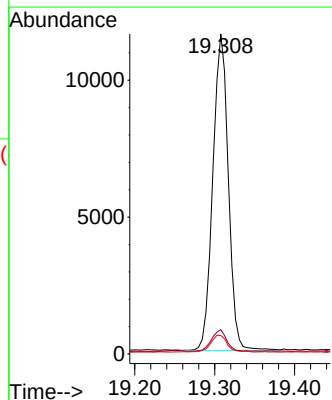
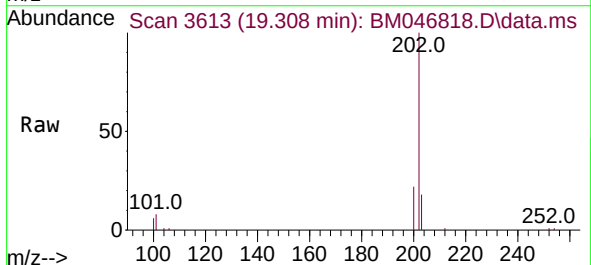
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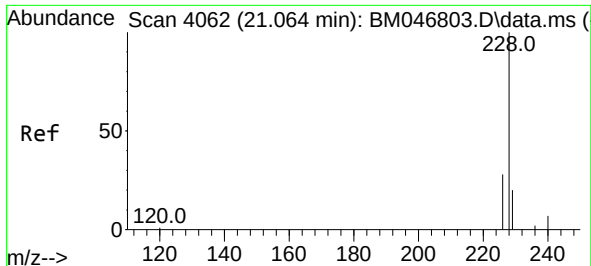
Tgt Ion:202 Resp: 15327
Ion Ratio Lower Upper
202 100
101 6.1 4.7 7.1
100 4.8 3.4 5.2



#20
Pyrene
Concen: 0.520 ng/ul
RT: 19.308 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion:202 Resp: 15610
Ion Ratio Lower Upper
202 100
101 7.6 5.2 7.8
100 5.8 4.3 6.5

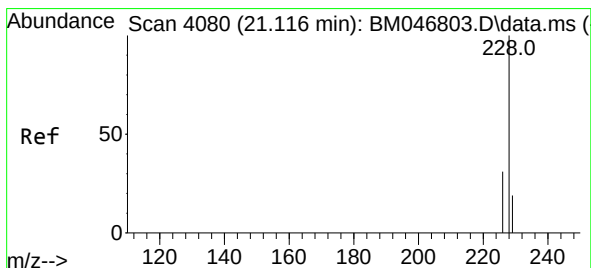
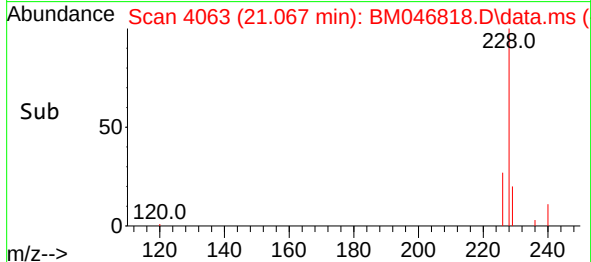
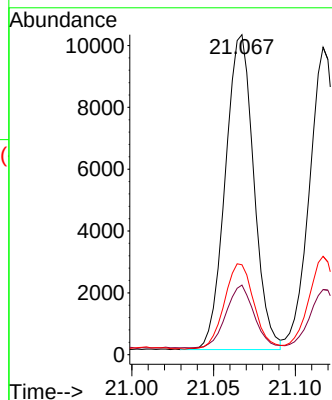
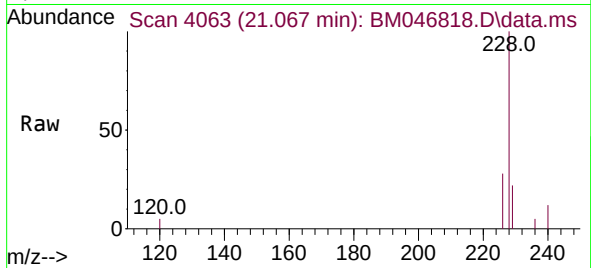




#21
Benzo(a)anthracene
Concen: 0.449 ng/ul
RT: 21.067 min Scan# 4062
Delta R.T. 0.003 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

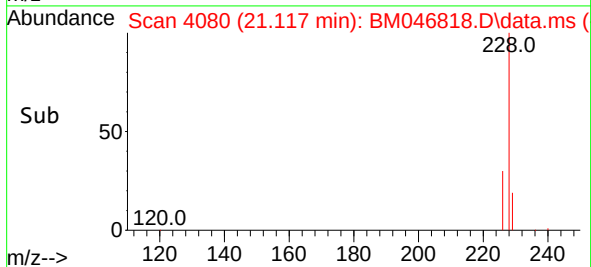
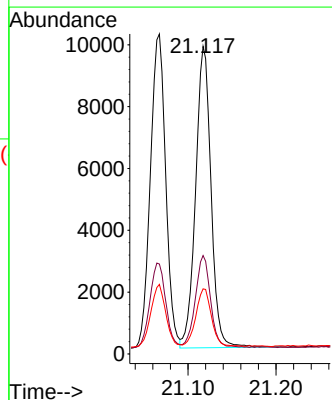
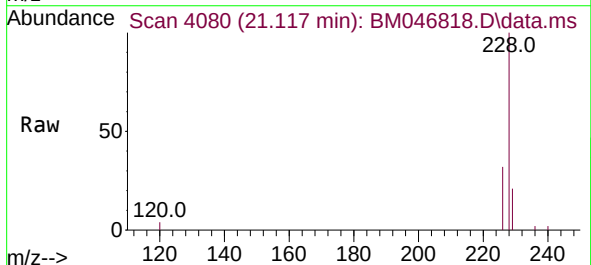
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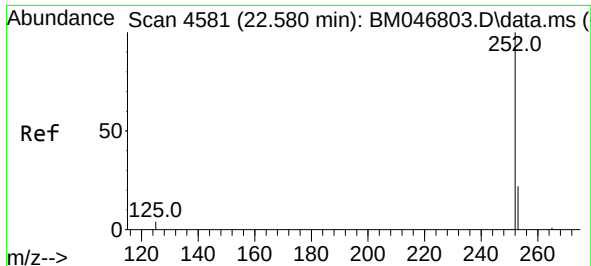
Tgt Ion:228 Resp: 12360
Ion Ratio Lower Upper
228 100
229 21.8 16.3 24.5
226 28.1 22.3 33.5



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion:228 Resp: 11895
Ion Ratio Lower Upper
228 100
226 32.0 24.5 36.7
229 21.2 16.2 24.2

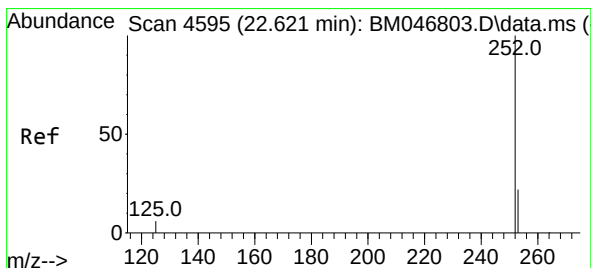
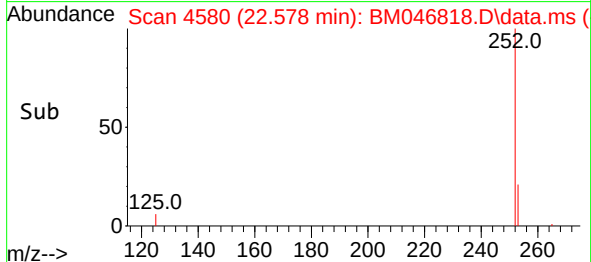
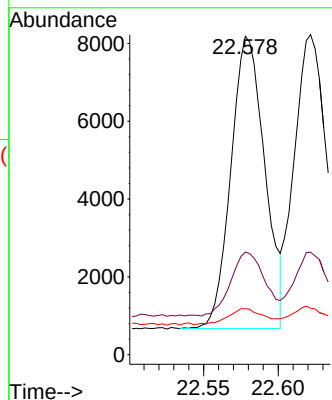
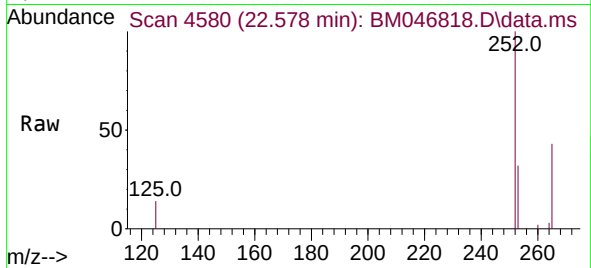




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.578 min Scan# 4581
Delta R.T. -0.002 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

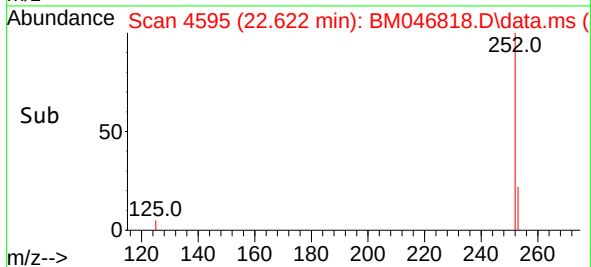
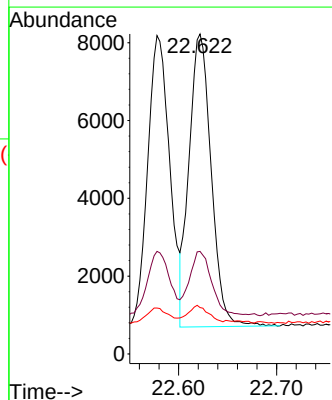
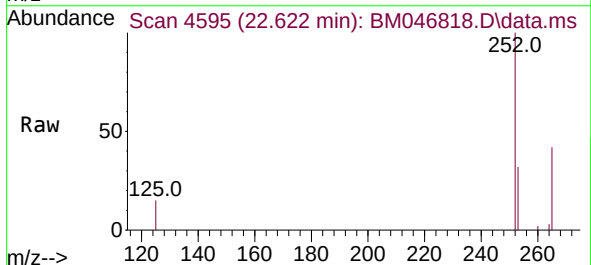
Instrument :
BNA_M
ClientSampleId :
SLCS156

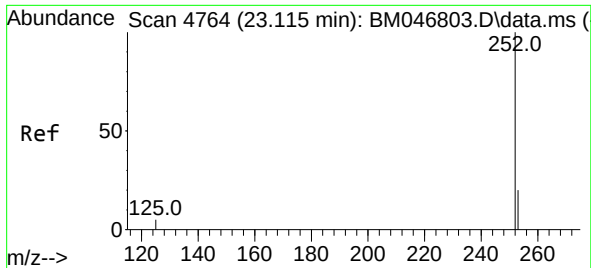
Tgt Ion:252 Resp: 11861
Ion Ratio Lower Upper
252 100
253 32.2 0.0 56.4
125 14.4 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 22.622 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion:252 Resp: 11812
Ion Ratio Lower Upper
252 100
253 32.1 23.5 35.3
125 14.5 8.6 13.0#

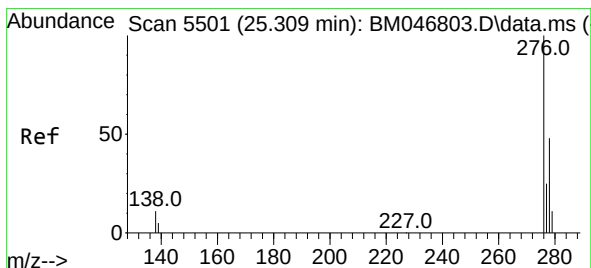
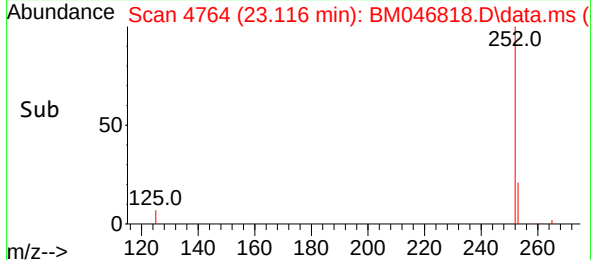
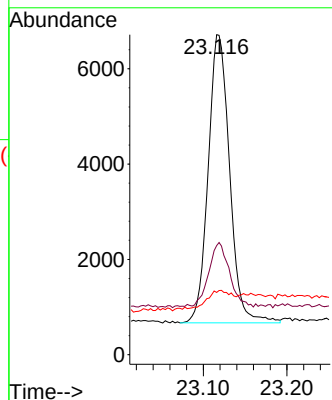
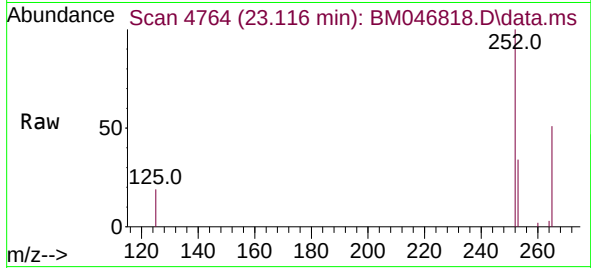




#26
Benzo(a)pyrene
Concen: 0.487 ng/ul
RT: 23.116 min Scan# 41
Delta R.T. -0.002 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

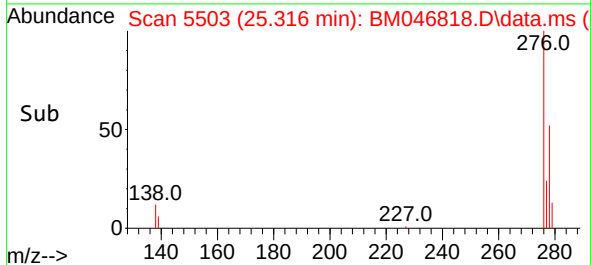
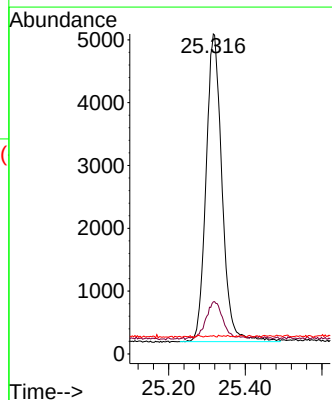
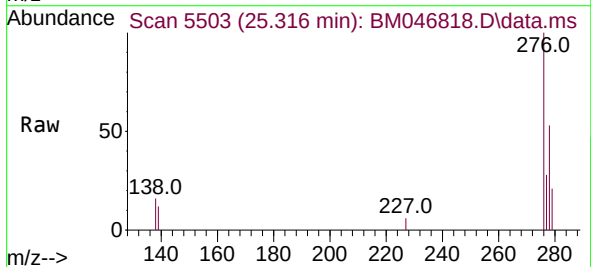
Instrument :
BNA_M
ClientSampleId :
SLCS156

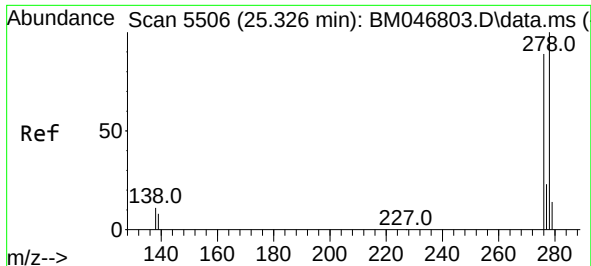
Tgt Ion:252 Resp: 10756
Ion Ratio Lower Upper
252 100
253 34.1 26.0 39.0
125 19.5 7.8 11.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. 0.000 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion:276 Resp: 14199
Ion Ratio Lower Upper
276 100
138 13.2 9.7 14.5
227 0.1 0.2 0.2#

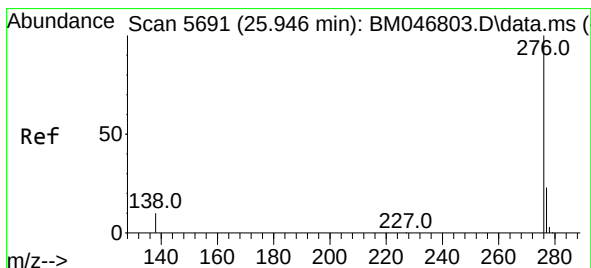
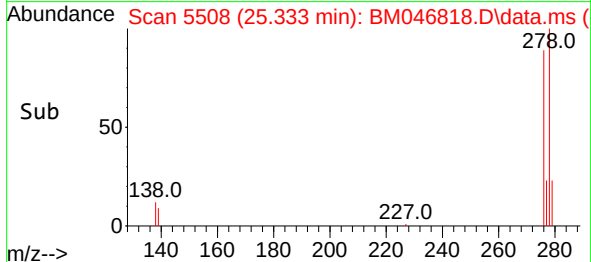
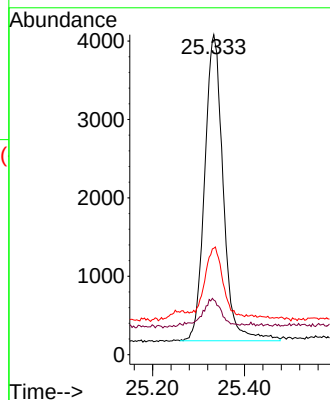
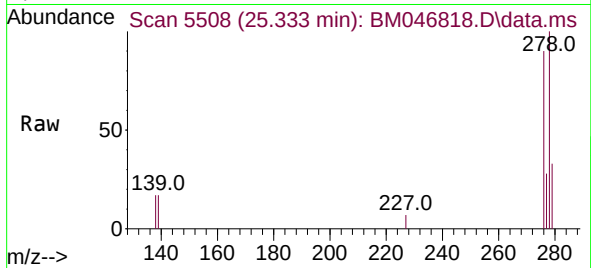




#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 25.333 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Instrument :
BNA_M
ClientSampleId :
SLCS156

Tgt Ion:278 Resp: 10896
Ion Ratio Lower Upper
278 100
139 17.1 9.8 14.8#
279 33.3 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 25.957 min Scan# 5694
Delta R.T. 0.004 min
Lab File: BM046818.D
Acq: 26 Jul 2024 02:18

Tgt Ion:276 Resp: 11215
Ion Ratio Lower Upper
276 100
138 16.6 9.5 14.3#
277 27.9 20.9 31.3

