

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043494.D
 Acq On : 21 Dec 2023 09:52
 Operator : MA/JU
 Sample : PB157940BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS940

Quant Time: Dec 22 00:06:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

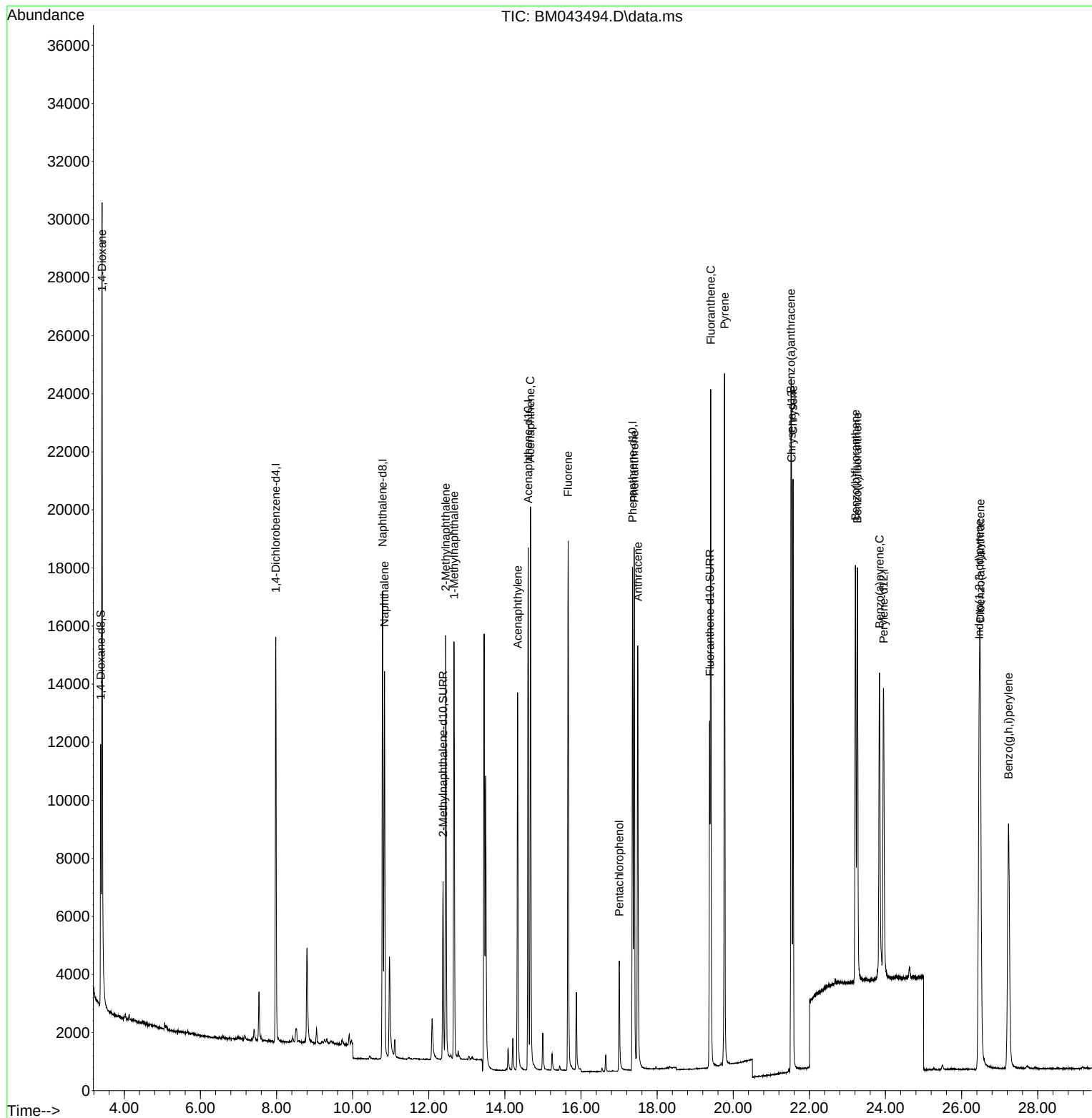
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7321	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	21981	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	10451	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	20842	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	13729	0.400	ng/ul	# 0.00
23) Perylene-d12	23.948	264	15640	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5455	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	8526	0.274	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12993	0.265	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.415	88	17519	1.888	ng/ul#	82
5) Naphthalene	10.834	128	18838	0.285	ng/ul	99
7) 2-Methylnaphthalene	12.446	142	11329	0.266	ng/ul	99
8) 1-Methylnaphthalene	12.666	142	10886	0.254	ng/ul	99
10) Acenaphthylene	14.333	152	16280	0.283	ng/ul	99
11) Acenaphthene	14.671	153	11873	0.284	ng/ul	98
12) Fluorene	15.661	166	12753	0.269	ng/ul	100
14) Pentachlorophenol	17.004	266	3112	0.674	ng/ul	98
15) Phenanthrene	17.396	178	19896	0.286	ng/ul	99
16) Anthracene	17.489	178	18103	0.287	ng/ul	99
19) Fluoranthene	19.408	202	20129	0.260	ng/ul	94
20) Pyrene	19.771	202	20810	0.271	ng/ul	96
21) Benzo(a)anthracene	21.516	228	17719	0.294	ng/ul	99
22) Chrysene	21.571	228	18694	0.294	ng/ul	99
24) Benzo(b)fluoranthene	23.211	252	19123	0.269	ng/ul	93
25) Benzo(k)fluoranthene	23.261	252	20910	0.284	ng/ul#	92
26) Benzo(a)pyrene	23.842	252	17354	0.296	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.462	276	23986	0.360	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.492	278	19439	0.368	ng/ul	96
29) Benzo(g,h,i)perylene	27.233	276	20313	0.357	ng/ul	97

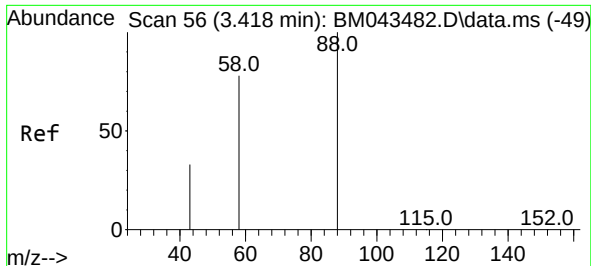
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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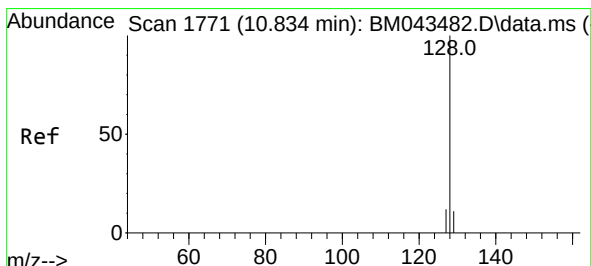
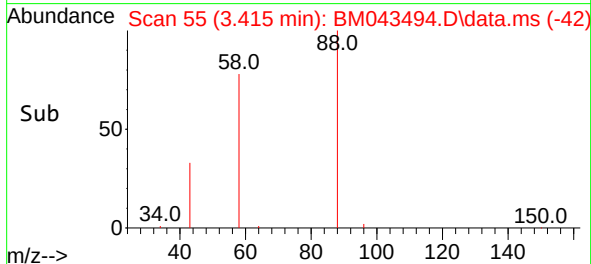
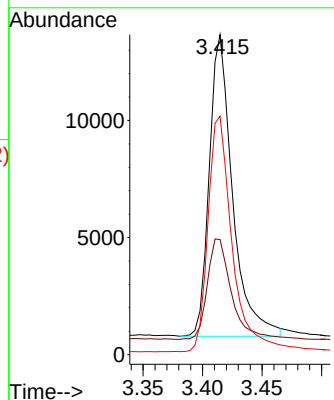
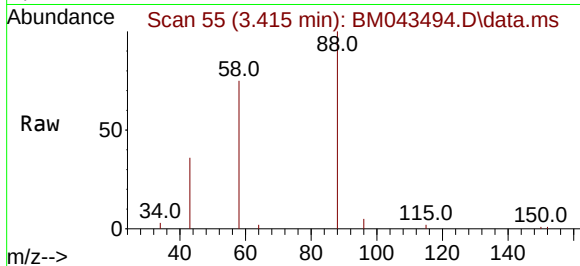




#2
 1,4-Dioxane
 Concen: 1.888 ng/ul
 RT: 3.415 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM043494.D
 Acq: 21 Dec 2023 09:52

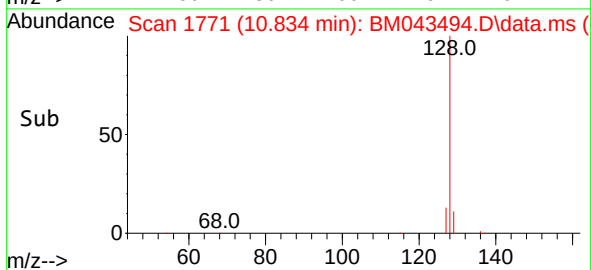
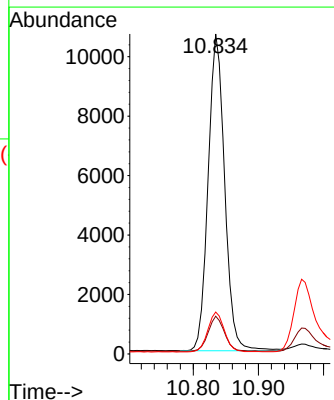
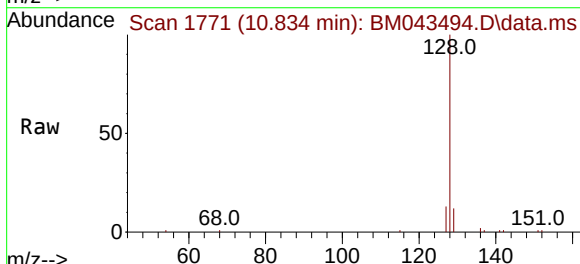
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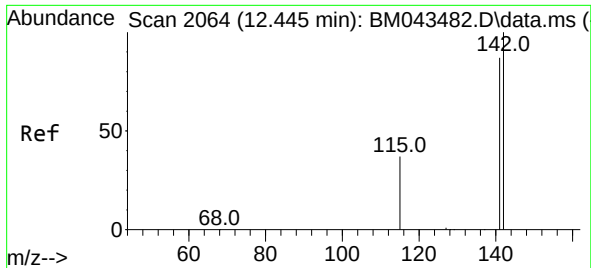
Tgt Ion: 88 Resp: 17519
 Ion Ratio Lower Upper
 88 100
 43 36.0 27.9 41.9
 58 74.6 43.4 65.2#



#5
 Naphthalene
 Concen: 0.285 ng/ul
 RT: 10.834 min Scan# 1771
 Delta R.T. -0.005 min
 Lab File: BM043494.D
 Acq: 21 Dec 2023 09:52

Tgt Ion: 128 Resp: 18838
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.0 13.4
 127 13.1 10.3 15.5

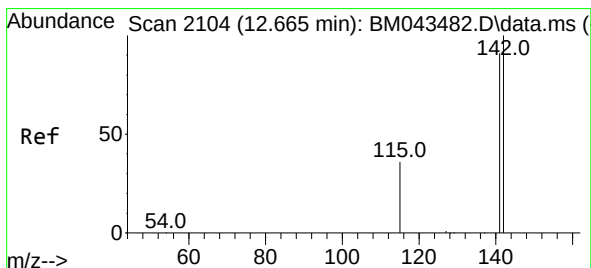
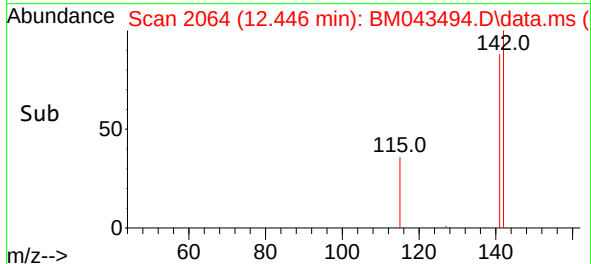
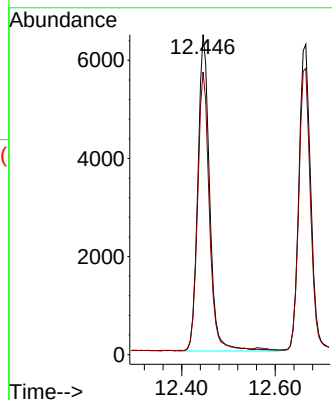
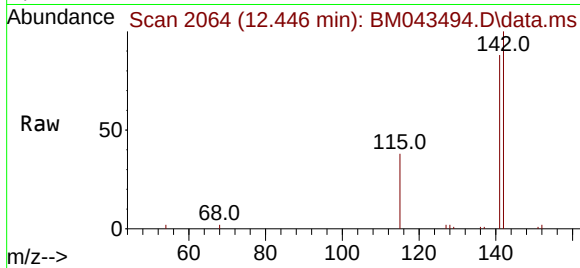




#7
2-Methylnaphthalene
Concen: 0.266 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

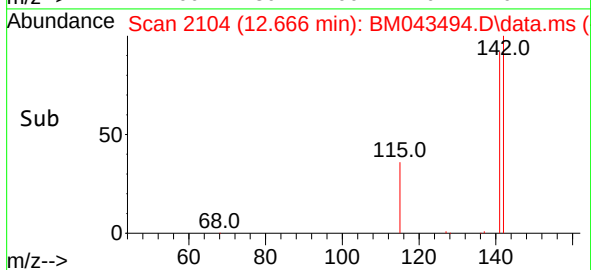
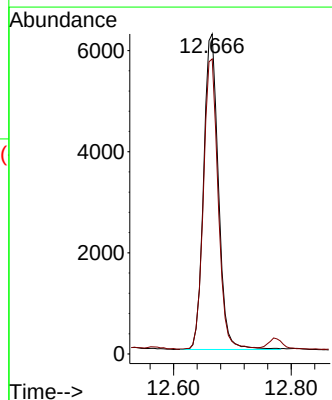
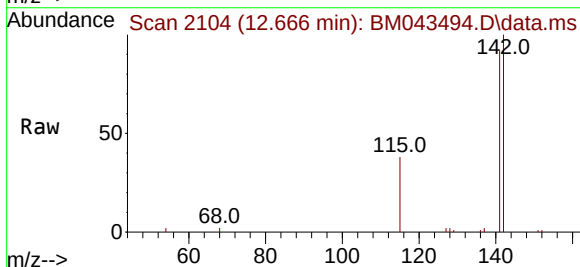
Instrument :
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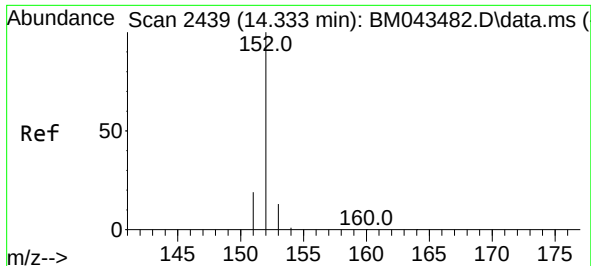
Tgt Ion:142 Resp: 11329
Ion Ratio Lower Upper
142 100
141 87.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.666 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Tgt Ion:142 Resp: 10886
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5

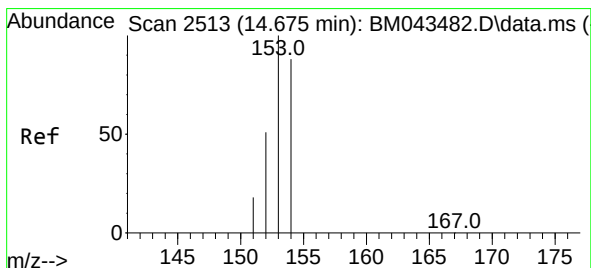
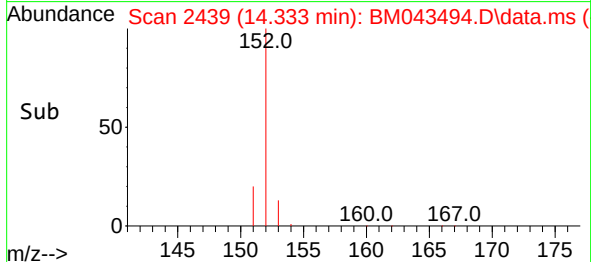
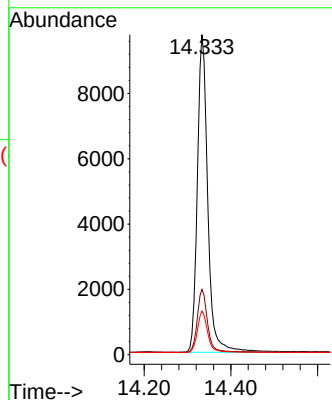
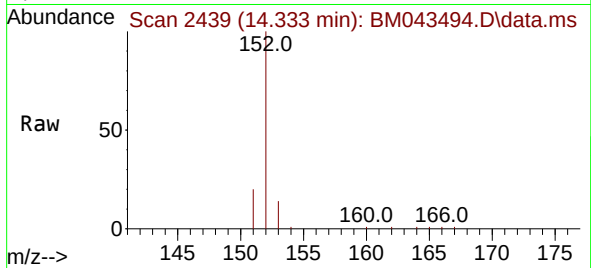




#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 14.333 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

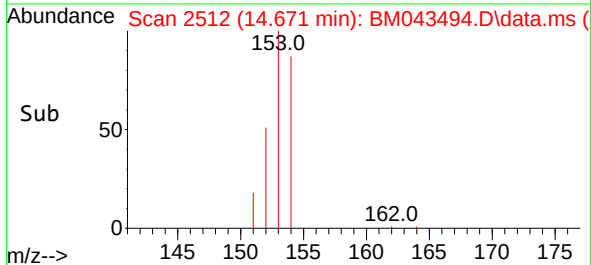
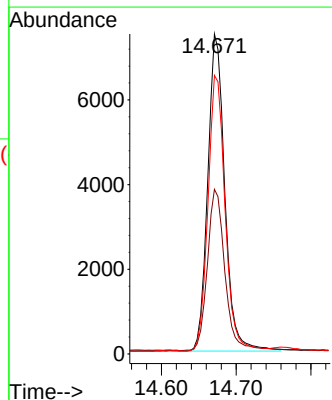
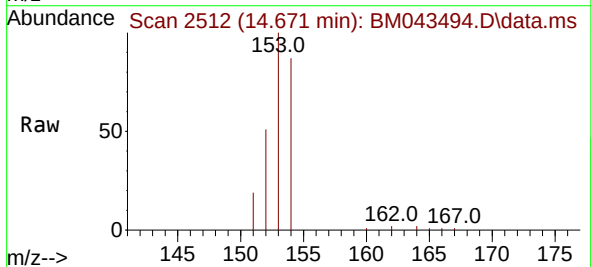
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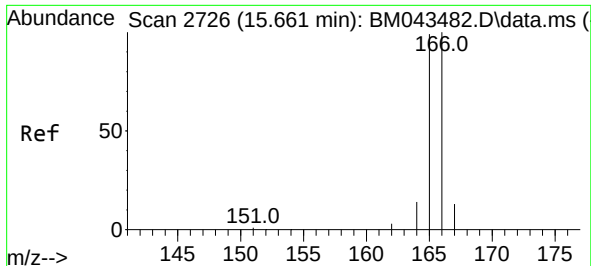
Tgt Ion:152 Resp: 16280
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.6 10.4 15.6



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.671 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Tgt Ion:153 Resp: 11873
Ion Ratio Lower Upper
153 100
152 51.5 42.1 63.1
154 87.0 71.3 106.9

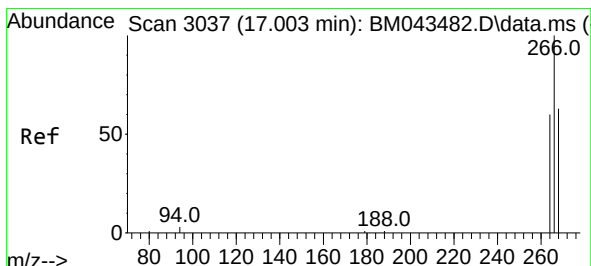
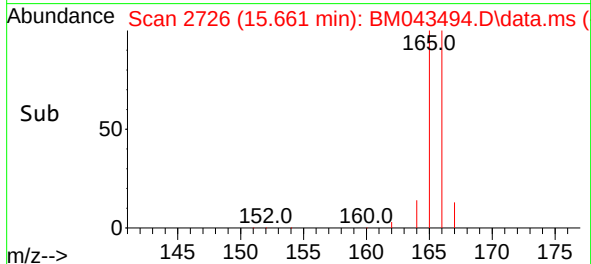
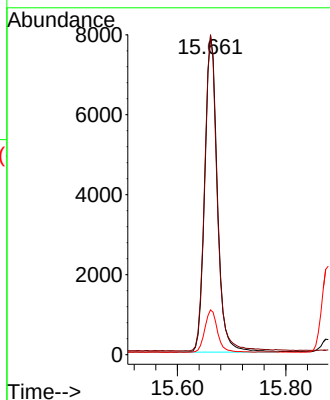
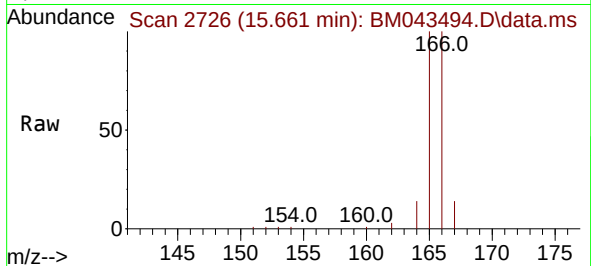




#12
 Fluorene
 Concen: 0.269 ng/ul
 RT: 15.661 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM043494.D
 Acq: 21 Dec 2023 09:52

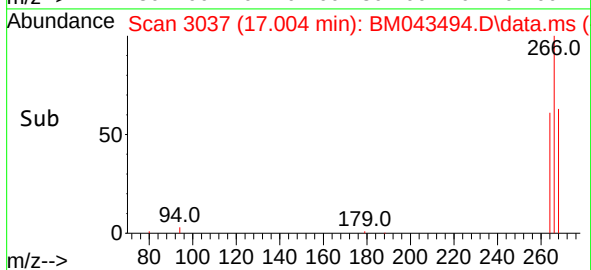
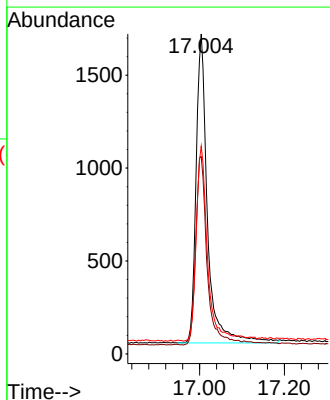
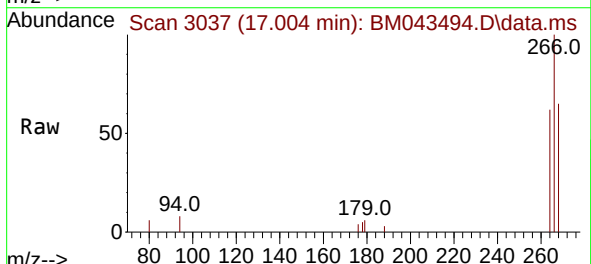
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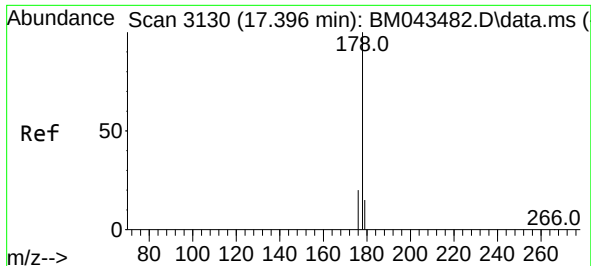
Tgt Ion:166 Resp: 12753
 Ion Ratio Lower Upper
 166 100
 165 100.1 80.3 120.5
 167 14.0 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.674 ng/ul
 RT: 17.004 min Scan# 3037
 Delta R.T. -0.004 min
 Lab File: BM043494.D
 Acq: 21 Dec 2023 09:52

Tgt Ion:266 Resp: 3112
 Ion Ratio Lower Upper
 266 100
 264 62.8 51.7 77.5
 268 64.3 51.9 77.9

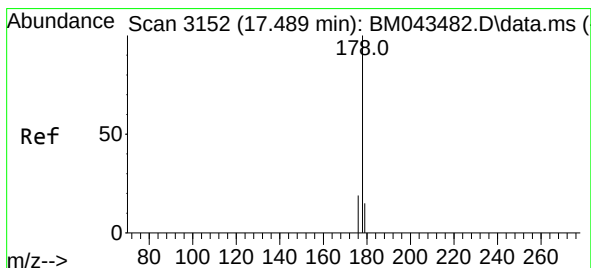
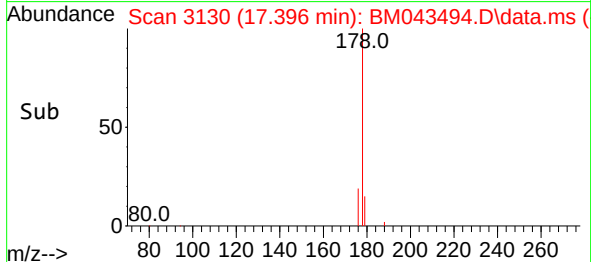
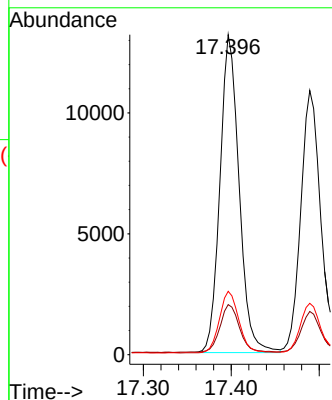
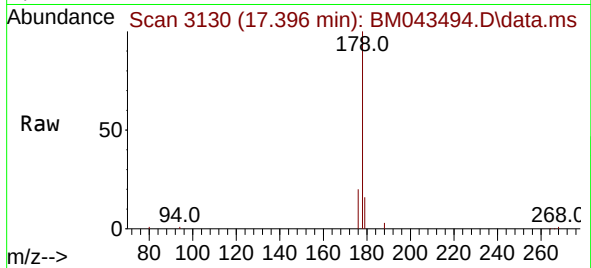




#15
Phenanthrene
Concen: 0.286 ng/u1
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

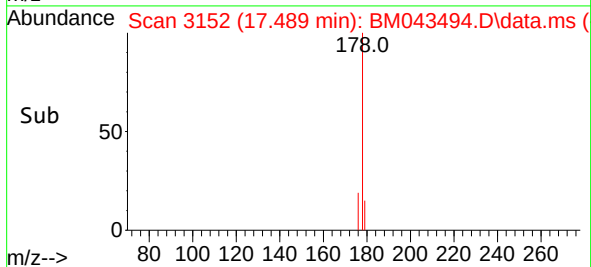
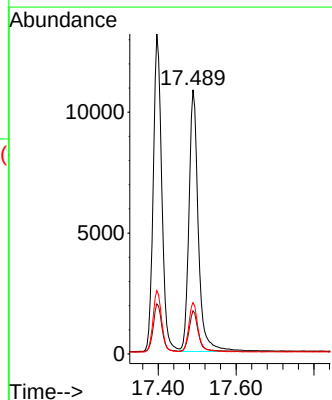
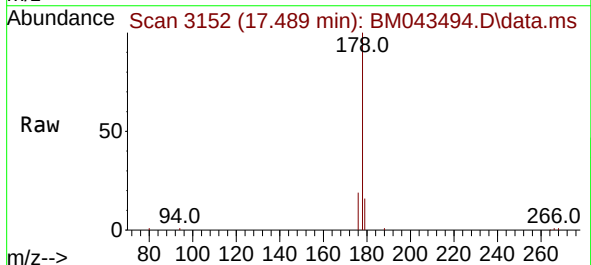
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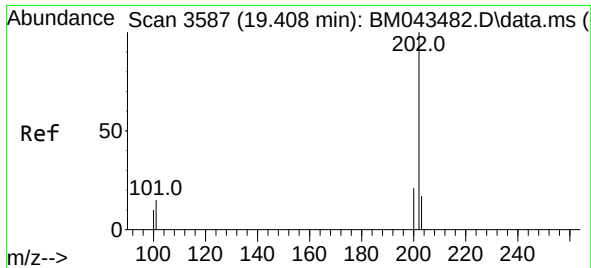
Tgt Ion:178 Resp: 19896
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.8 16.2 24.2



#16
Anthracene
Concen: 0.287 ng/u1
RT: 17.489 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Tgt Ion:178 Resp: 18103
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.4 15.6 23.4

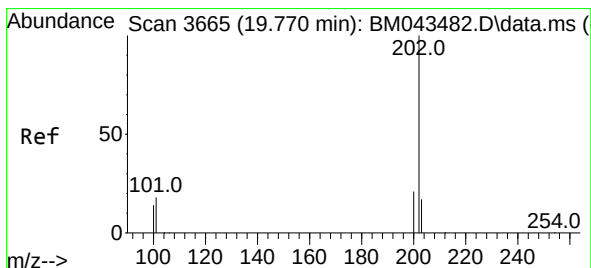
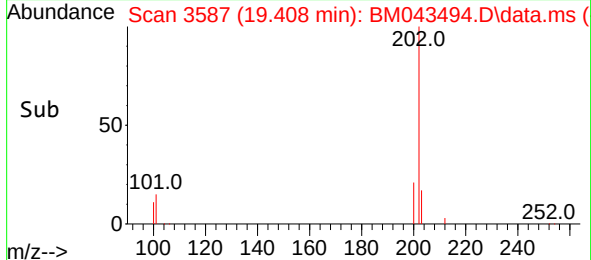
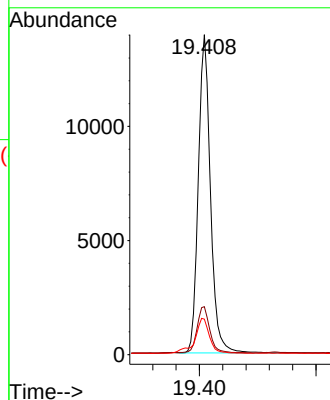
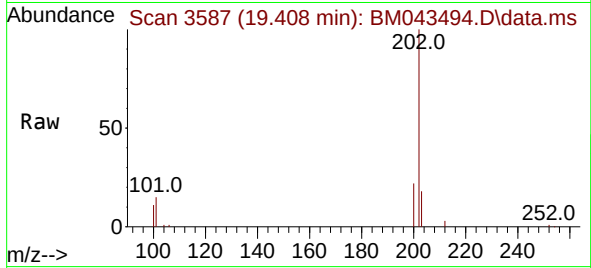




#19
Fluoranthene
Concen: 0.260 ng/ul
RT: 19.408 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

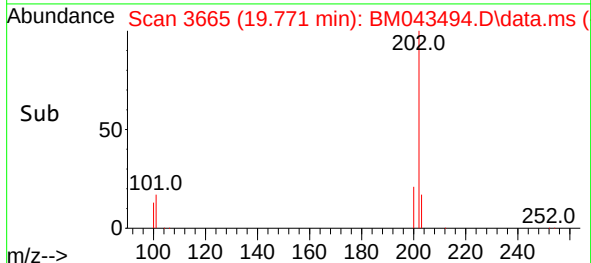
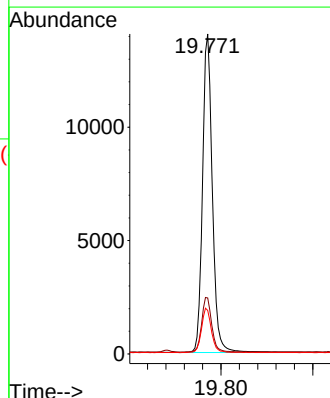
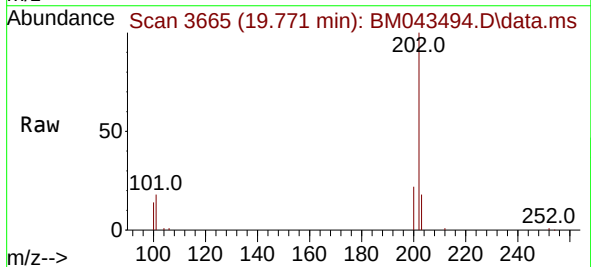
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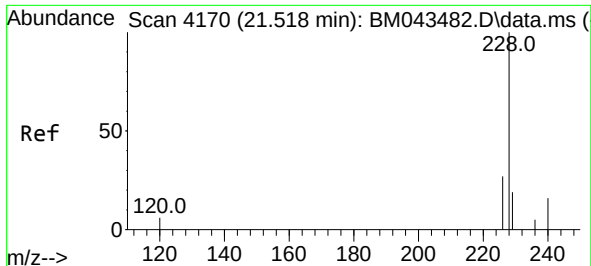
Tgt Ion:202 Resp: 20129
Ion Ratio Lower Upper
202 100
101 15.0 10.1 15.1
100 11.1 7.4 11.2



#20
Pyrene
Concen: 0.271 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Tgt Ion:202 Resp: 20810
Ion Ratio Lower Upper
202 100
101 17.5 12.7 19.1
100 13.6 9.8 14.8

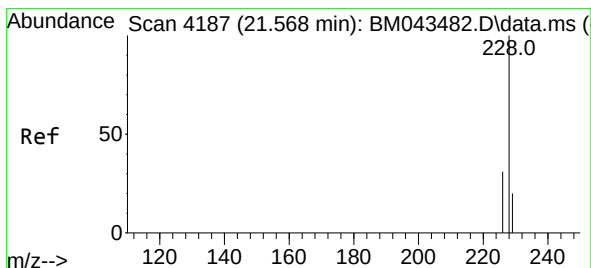
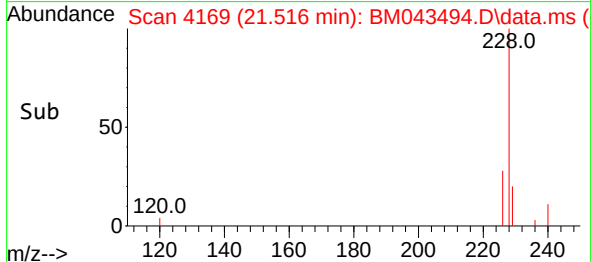
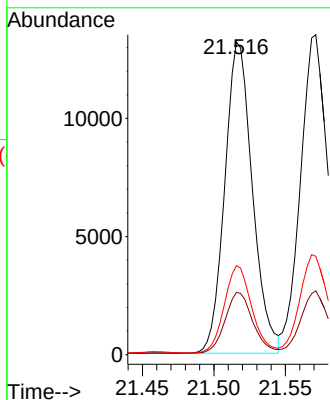
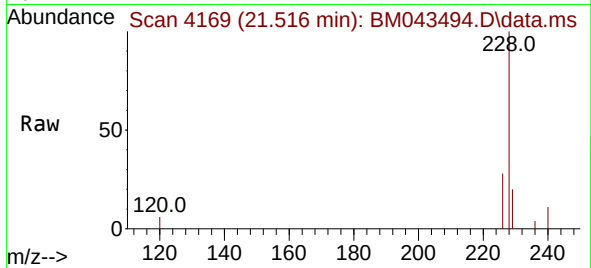




#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.516 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

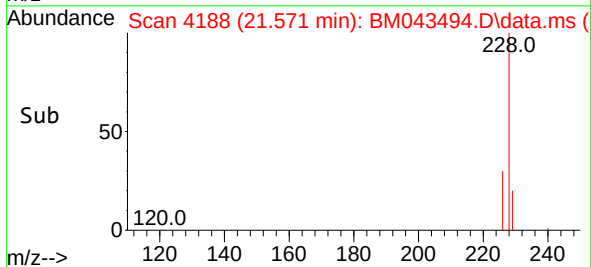
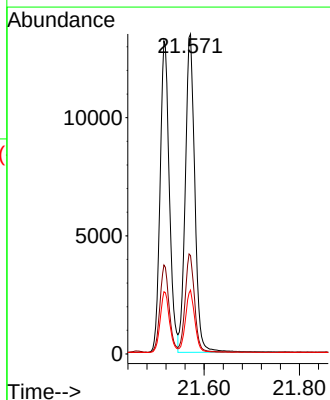
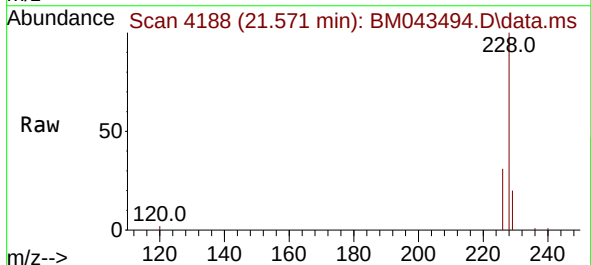
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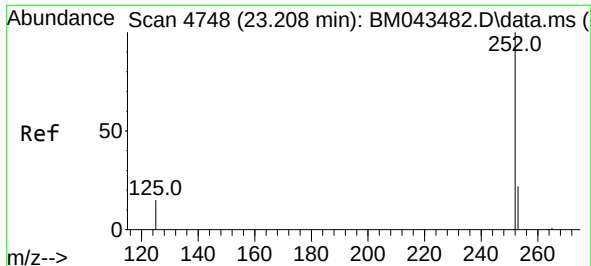
Tgt Ion:228 Resp: 17719
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 28.4 22.6 34.0



#22
Chrysene
Concen: 0.294 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Tgt Ion:228 Resp: 18694
Ion Ratio Lower Upper
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226 30.7 24.8 37.2
229 19.9 15.7 23.5

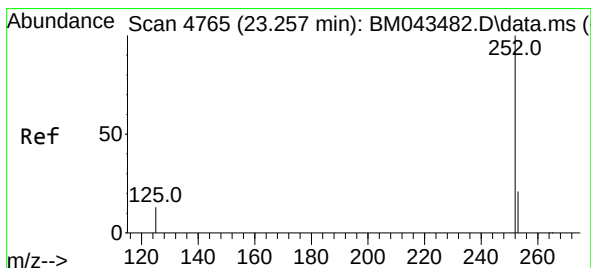
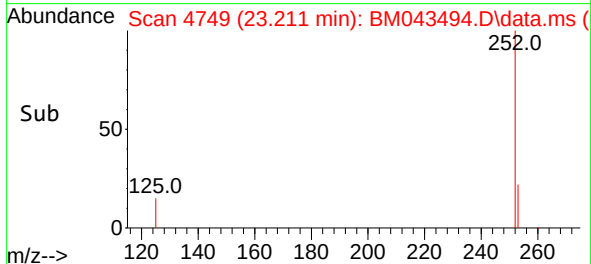
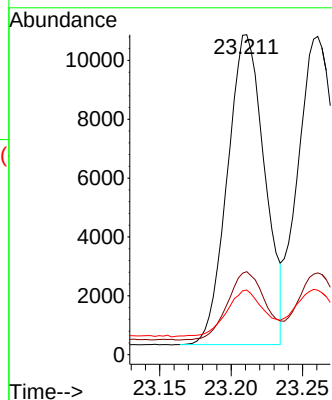
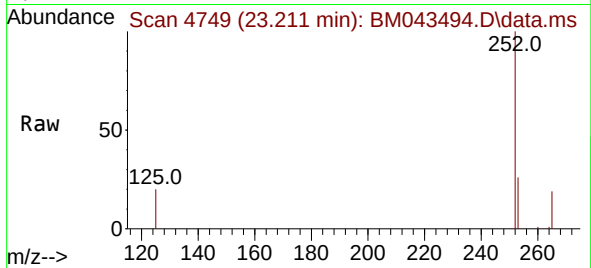




#24
Benzo(b)fluoranthene
Concen: 0.269 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.006 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

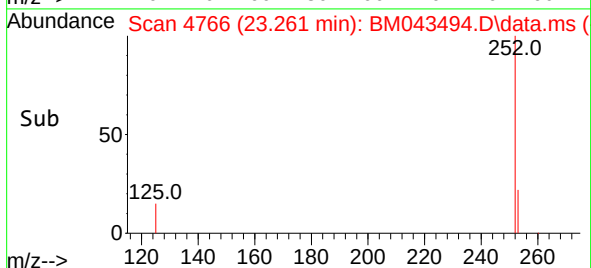
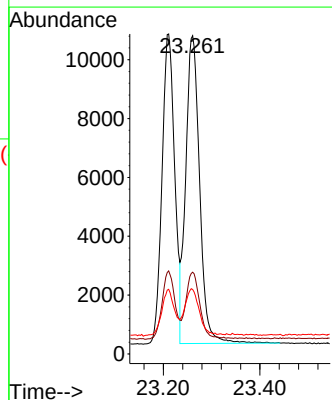
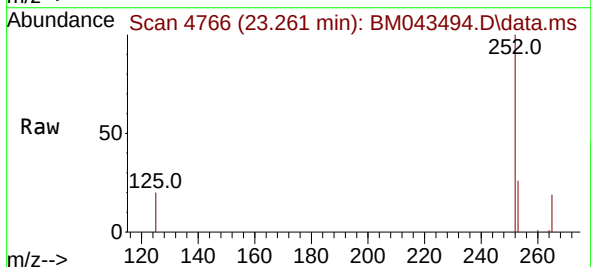
Instrument :
BNA_M
ClientSampleId :
SLCS940

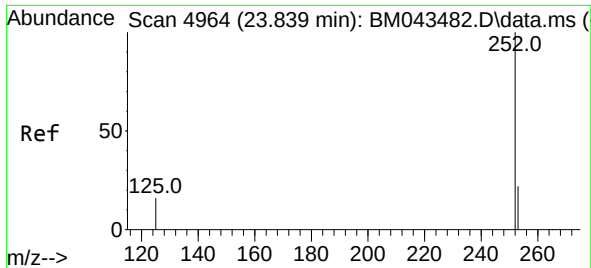
Tgt Ion:252 Resp: 19123
Ion Ratio Lower Upper
252 100
253 26.0 0.0 48.8
125 20.2 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.284 ng/ul
RT: 23.261 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Tgt Ion:252 Resp: 20910
Ion Ratio Lower Upper
252 100
253 25.7 18.6 28.0
125 20.3 11.8 17.8#

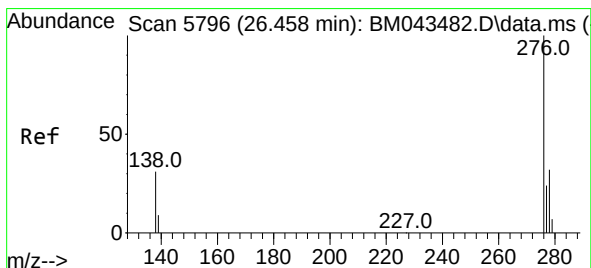
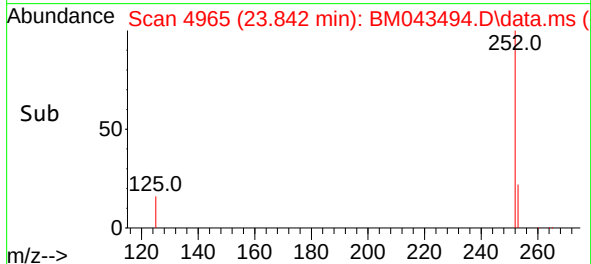
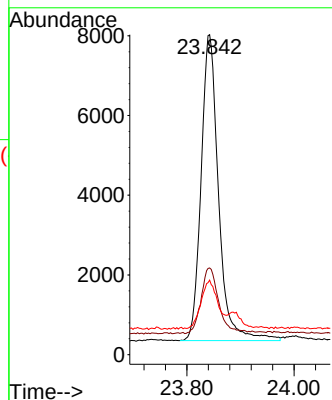
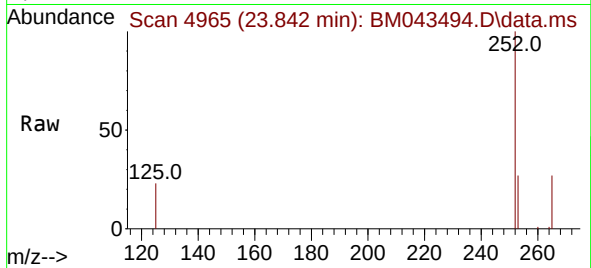




#26
Benzo(a)pyrene
Concen: 0.296 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.006 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

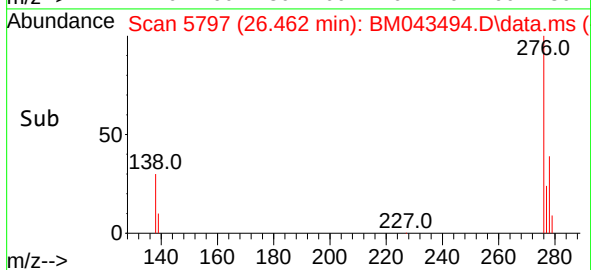
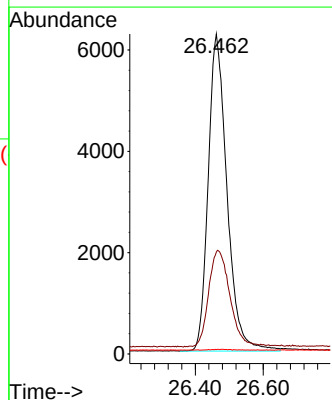
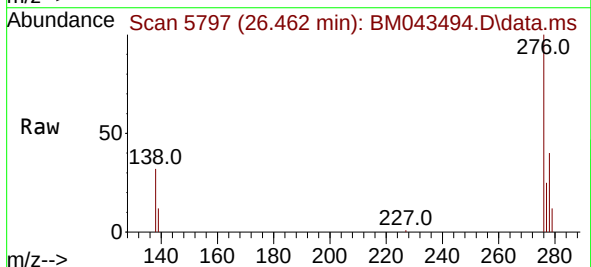
Instrument :
BNA_M
ClientSampleId :
SLCS940

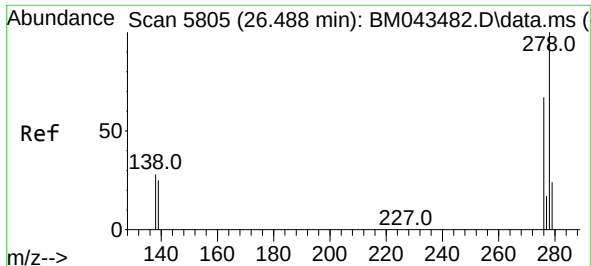
Tgt Ion:252 Resp: 17354
Ion Ratio Lower Upper
252 100
253 27.1 20.2 30.2
125 23.3 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 26.462 min Scan# 5797
Delta R.T. -0.013 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Tgt Ion:276 Resp: 23986
Ion Ratio Lower Upper
276 100
138 34.4 24.6 36.8
227 0.0 0.0 0.0#

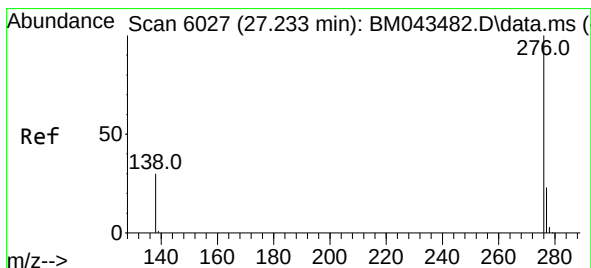
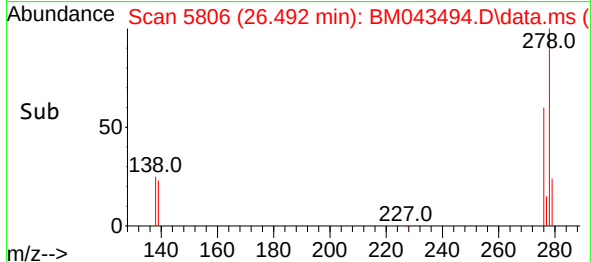
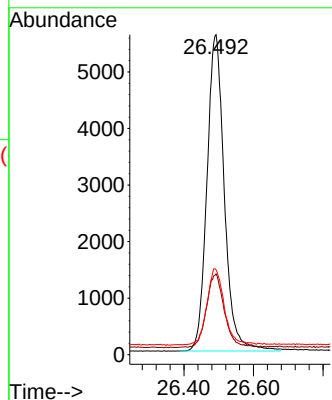
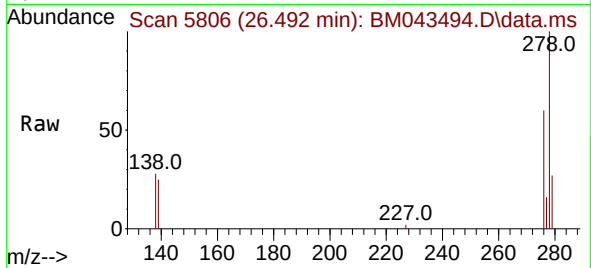




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.492 min Scan# 5806
Delta R.T. -0.006 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Instrument :
BNA_M
ClientSampleId :
SLCS940

Tgt Ion:278 Resp: 19439
Ion Ratio Lower Upper
278 100
139 25.3 17.4 26.2
279 26.6 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 27.233 min Scan# 6027
Delta R.T. -0.010 min
Lab File: BM043494.D
Acq: 21 Dec 2023 09:52

Tgt Ion:276 Resp: 20313
Ion Ratio Lower Upper
276 100
138 31.8 23.1 34.7
277 24.6 19.4 29.0

