

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043124.D
 Acq On : 01 Dec 2023 16:07
 Operator : MA/JU
 Sample : 05459-10DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4DL

Quant Time: Dec 02 00:06:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

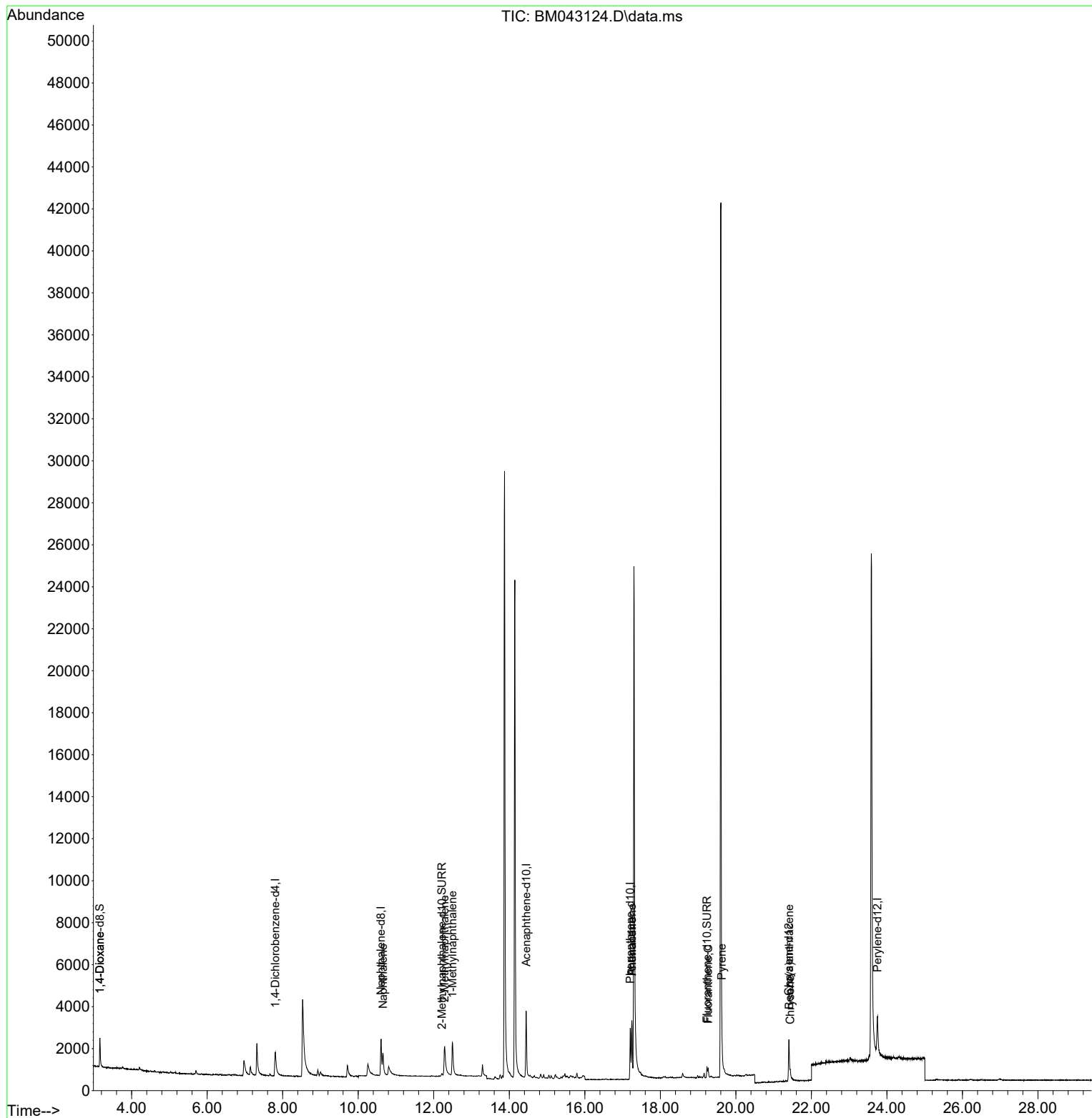
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1183	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.601	136	3319	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.446	164	1791	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	3561	0.400	ng/ul	-0.01
17) Chrysene-d12	21.403	240	2273	0.400	ng/ul	# 0.00
23) Perylene-d12	23.747	264	3901	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	993	0.547	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	339	0.076	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	689	0.083	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.159	88	42	0.022	ng/ul#	78
5) Naphthalene	10.656	128	1893	0.210	ng/ul	95
7) 2-Methylnaphthalene	12.289	142	2050	0.385	ng/ul	94
8) 1-Methylnaphthalene	12.493	142	1504	0.253	ng/ul	98
15) Phenanthrene	17.247	178	3443	0.339	ng/ul	96
16) Anthracene	17.247	178	3405	0.354	ng/ul	92
19) Fluoranthene	19.267	202	427	0.033	ng/ul#	66
20) Pyrene	19.629	202	581	0.042	ng/ul#	57
21) Benzo(a)anthracene	21.414	228	428	0.058	ng/ul#	65
22) Chrysene	21.438	228	418	0.030	ng/ul#	67

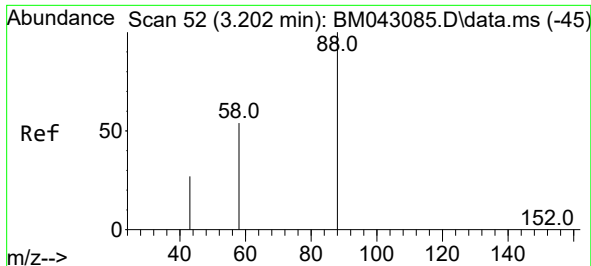
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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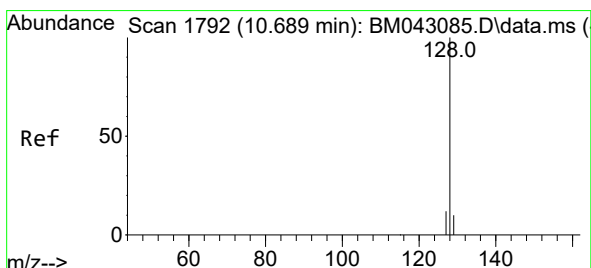
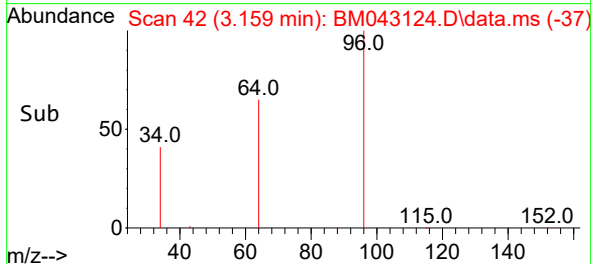
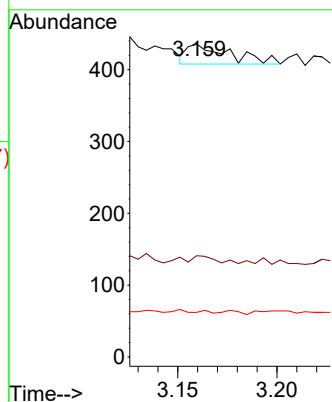
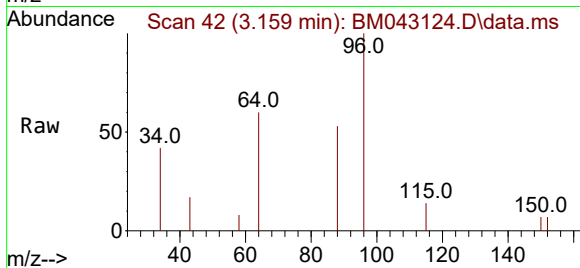




#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.159 min Scan# 41
Delta R.T. -0.038 min
Lab File: BM043124.D
Acq: 01 Dec 2023 16:07

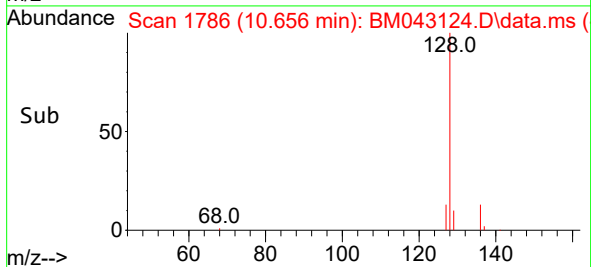
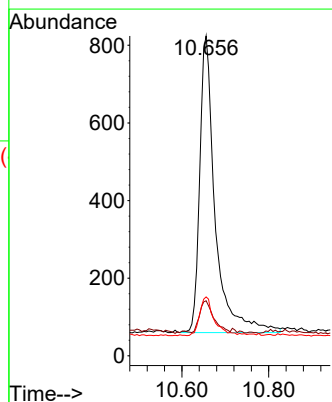
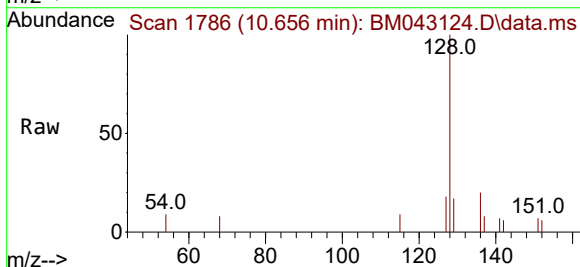
Instrument :
BNA_M
ClientSampleId :
C0AJ4DL

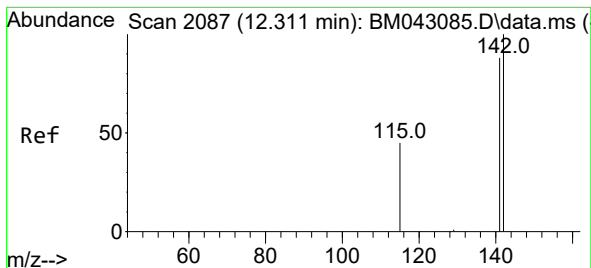
Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 32.3 22.8 34.2
58 14.2 26.8 40.2#



#5
Naphthalene
Concen: 0.210 ng/ul
RT: 10.656 min Scan# 1786
Delta R.T. -0.011 min
Lab File: BM043124.D
Acq: 01 Dec 2023 16:07

Tgt Ion: 128 Resp: 1893
Ion Ratio Lower Upper
128 100
129 17.2 16.0 24.0
127 18.4 16.5 24.7

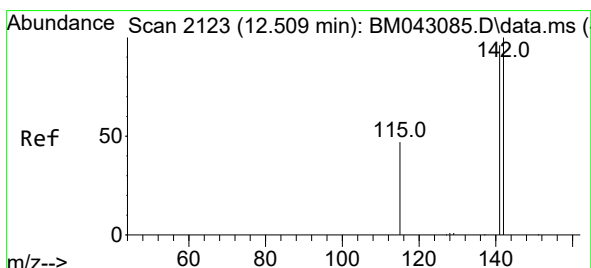
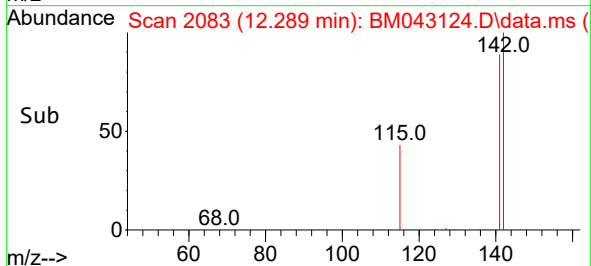
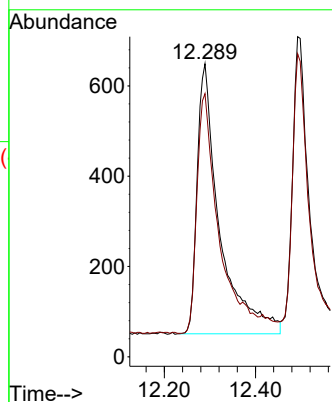
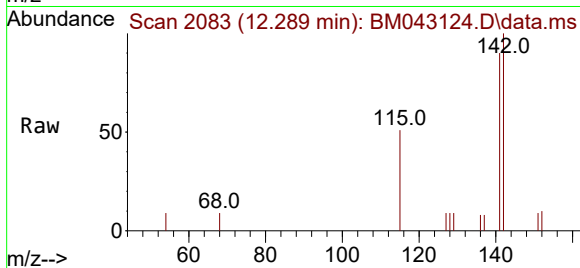




#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.289 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM043124.D
Acq: 01 Dec 2023 16:07

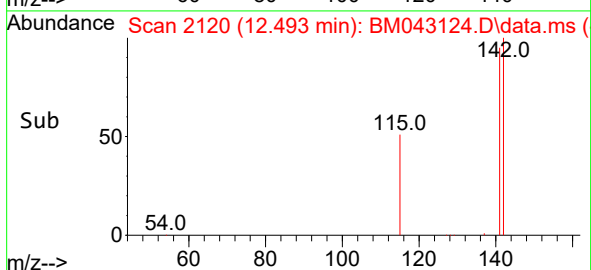
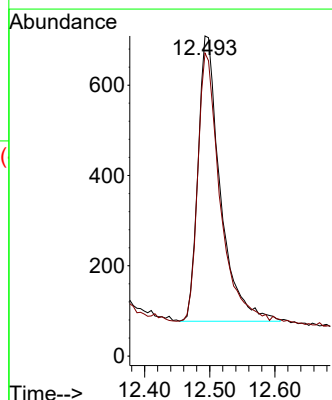
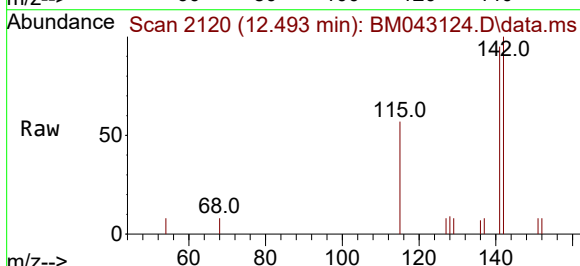
Instrument :
BNA_M
ClientSampleId :
C0AJ4DL

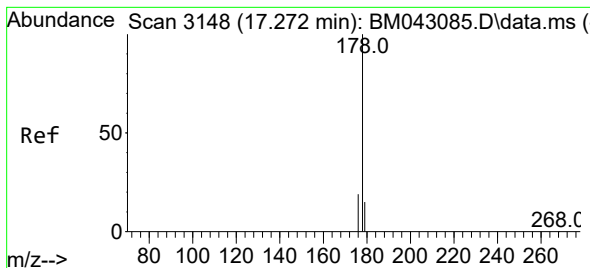
Tgt Ion:142 Resp: 2050
Ion Ratio Lower Upper
142 100
141 89.5 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.253 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM043124.D
Acq: 01 Dec 2023 16:07

Tgt Ion:142 Resp: 1504
Ion Ratio Lower Upper
142 100
141 93.8 73.8 110.8





#15

Phenanthrene

Concen: 0.339 ng/ul

RT: 17.247 min Scan# 3142

Delta R.T. -0.013 min

Lab File: BM043124.D

Acq: 01 Dec 2023 16:07

Instrument :

BNA_M

ClientSampleId :

C0AJ4DL

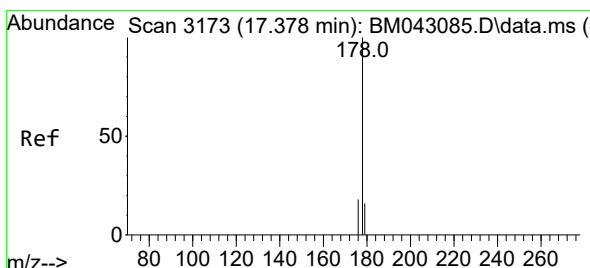
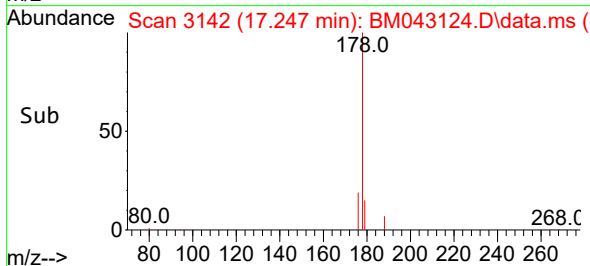
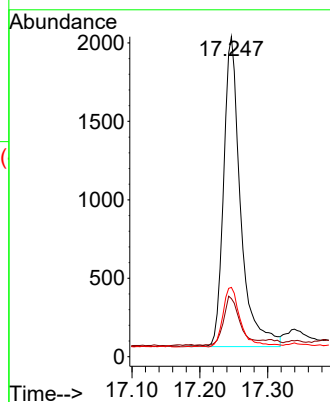
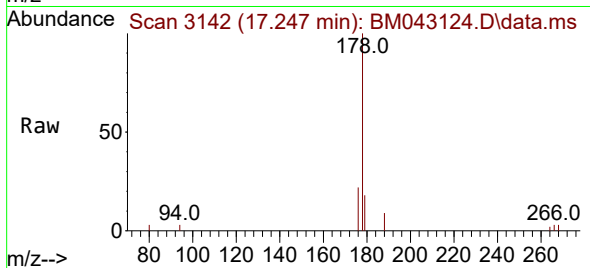
Tgt Ion:178 Resp: 3443

Ion Ratio Lower Upper

178 100

179 18.1 15.7 23.5

176 21.7 18.9 28.3



#16

Anthracene

Concen: 0.354 ng/ul

RT: 17.247 min Scan# 3142

Delta R.T. -0.114 min

Lab File: BM043124.D

Acq: 01 Dec 2023 16:07

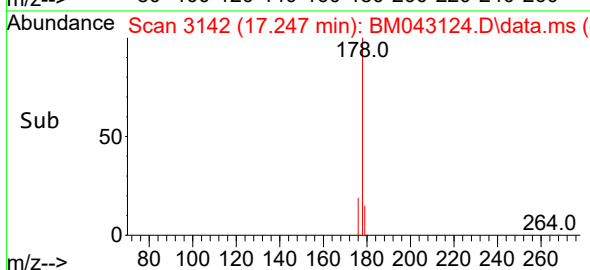
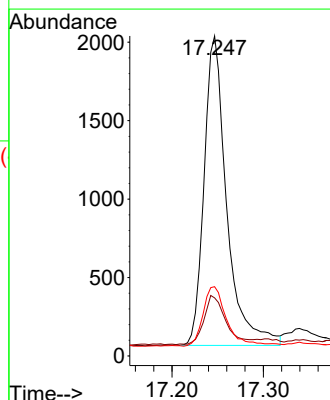
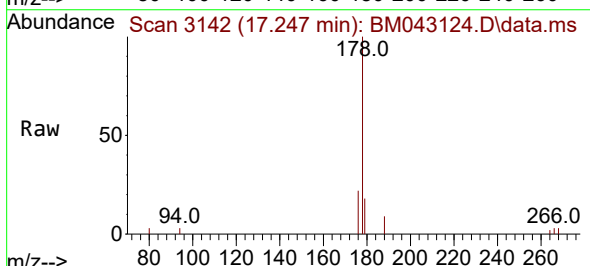
Tgt Ion:178 Resp: 3405

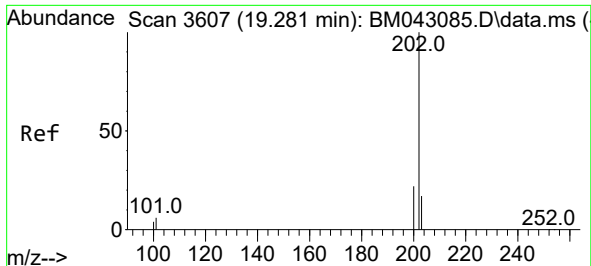
Ion Ratio Lower Upper

178 100

179 18.1 17.3 25.9

176 21.7 20.5 30.7

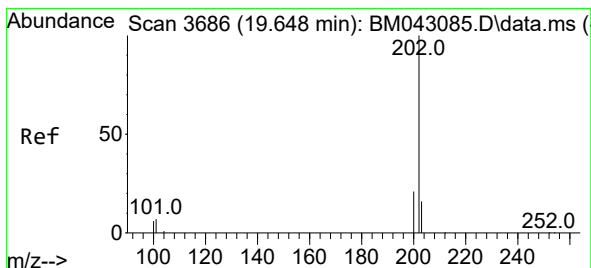
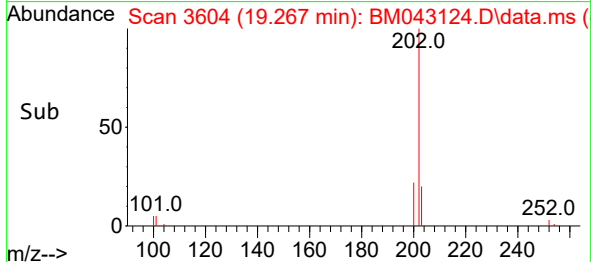
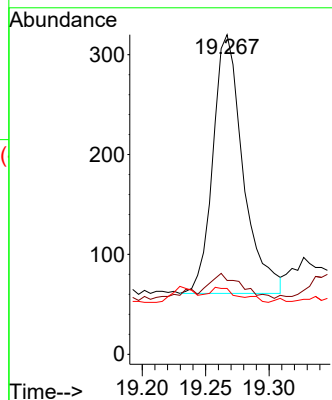
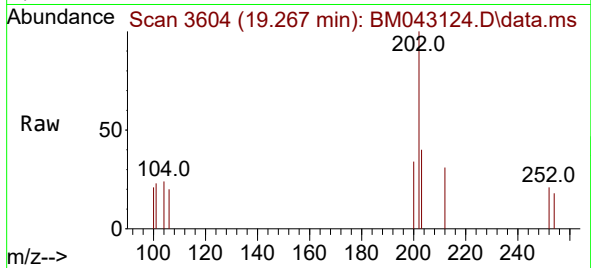




#19
Fluoranthene
Concen: 0.033 ng/ul
RT: 19.267 min Scan# 3604
Delta R.T. -0.005 min
Lab File: BM043124.D
Acq: 01 Dec 2023 16:07

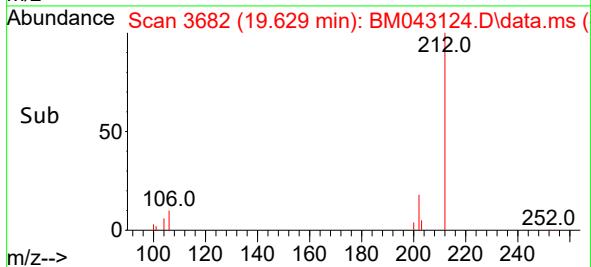
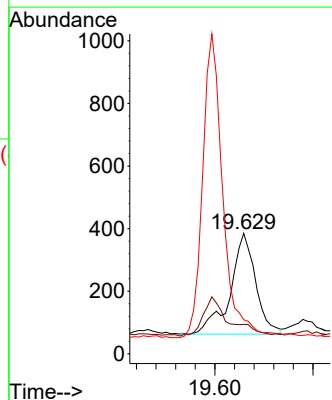
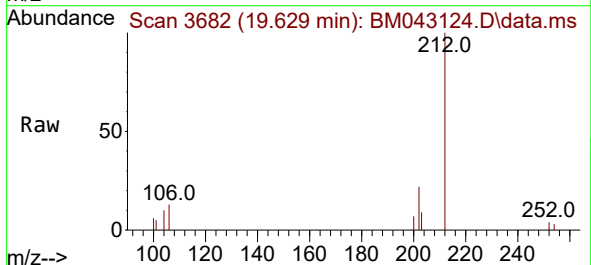
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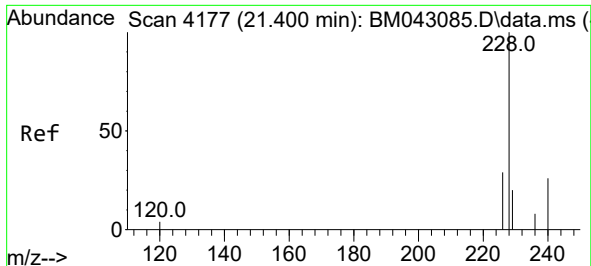
Tgt Ion:202 Resp: 427
Ion Ratio Lower Upper
202 100
101 23.1 7.8 11.8#
100 20.6 7.1 10.7#



#20
Pyrene
Concen: 0.042 ng/ul
RT: 19.629 min Scan# 3682
Delta R.T. -0.009 min
Lab File: BM043124.D
Acq: 01 Dec 2023 16:07

Tgt Ion:202 Resp: 581
Ion Ratio Lower Upper
202 100
101 24.4 8.7 13.1#
100 28.3 7.8 11.8#

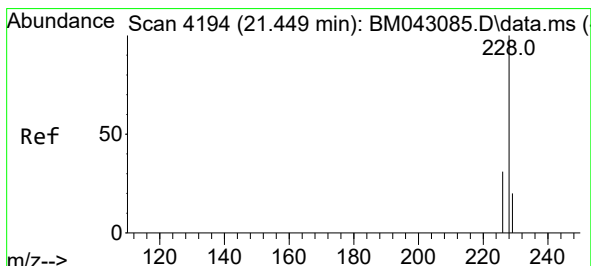
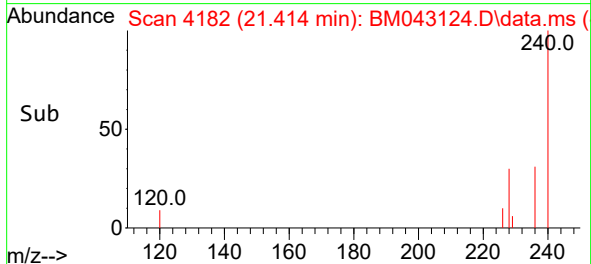
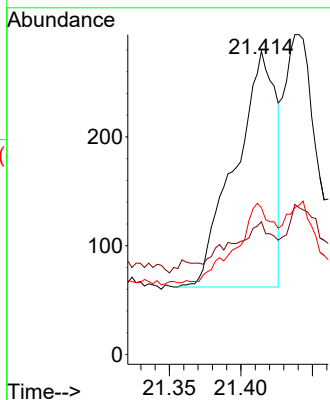
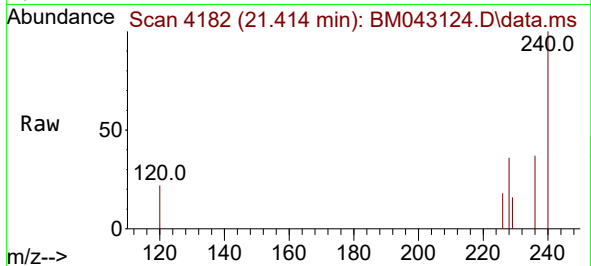




#21
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.414 min Scan# 4182
Delta R.T. 0.026 min
Lab File: BM043124.D
Acq: 01 Dec 2023 16:07

Instrument :
BNA_M
ClientSampleId :
C0AJ4DL

Tgt Ion:228 Resp: 428
Ion Ratio Lower Upper
228 100
229 43.7 19.4 29.0#
226 48.4 24.9 37.3#



#22
Chrysene
Concen: 0.030 ng/ul
RT: 21.438 min Scan# 4190
Delta R.T. -0.000 min
Lab File: BM043124.D
Acq: 01 Dec 2023 16:07

Tgt Ion:228 Resp: 418
Ion Ratio Lower Upper
228 100
226 45.9 27.2 40.8#
229 46.9 18.0 27.0#

