

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
 Data File : BM042268.D
 Acq On : 11 Oct 2023 02:13
 Operator : MA/JU
 Sample : 04676-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ01

Quant Time: Oct 11 02:56:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 14:01:53 2023
 Response via : Initial Calibration

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

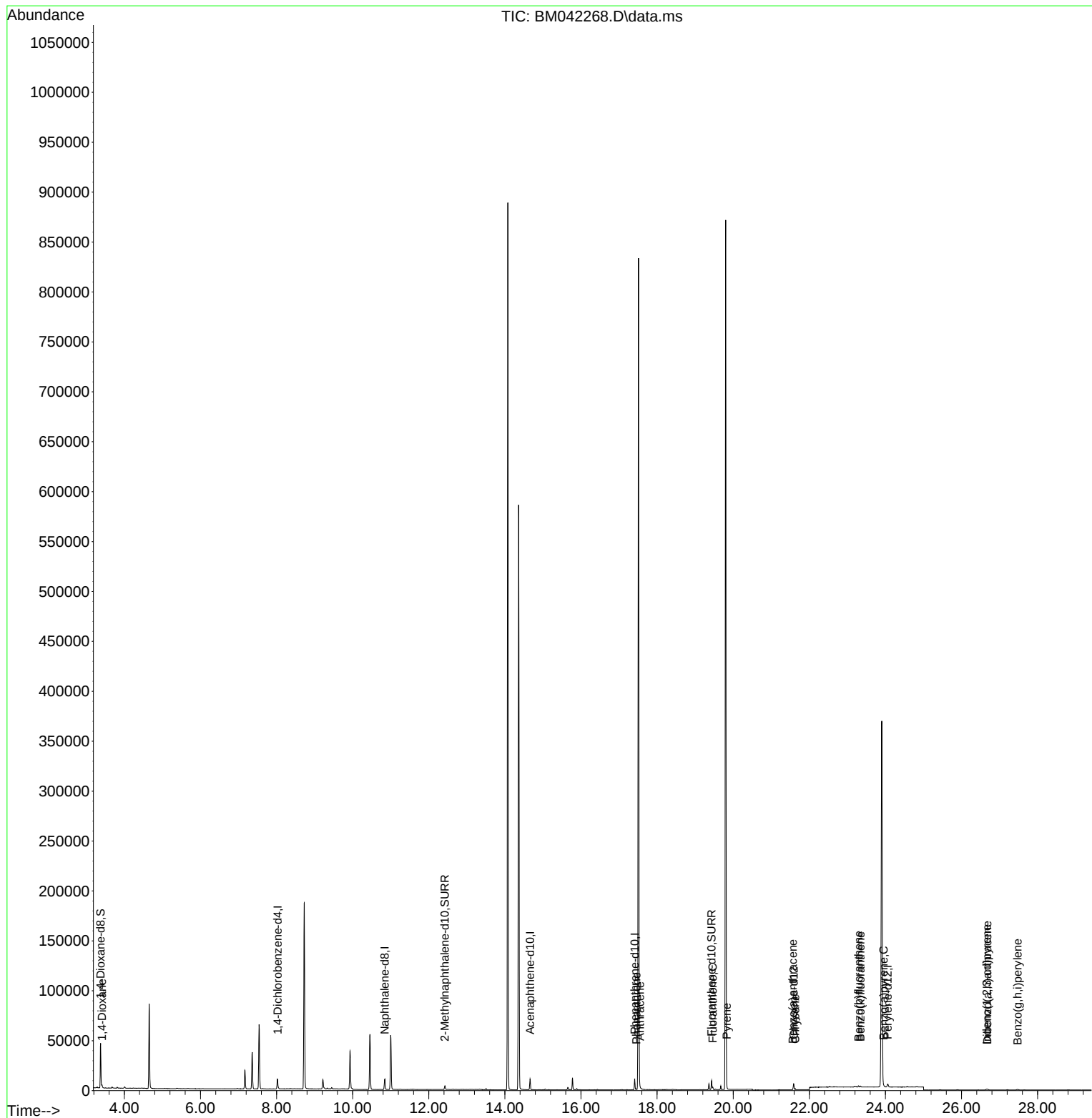
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	4859	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	13118	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	5335	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	10378	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.591	240	4365	0.400	ng/ul	# 0.00
23) Perylene-d12	24.061	264	4404	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	23872	3.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4767	0.265	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	6810	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	1106	0.164	ng/ul#	86
15) Phenanthrene	17.455	178	986	0.023	ng/ul#	75
16) Anthracene	17.548	178	1004	0.026	ng/ul#	74
19) Fluoranthene	19.464	202	1943	0.059	ng/ul#	81
20) Pyrene	19.831	202	1460	0.041	ng/ul#	74
21) Benzo(a)anthracene	21.571	228	1112	0.039	ng/ul#	85
22) Chrysene	21.629	228	1107	0.040	ng/ul#	86
24) Benzo(b)fluoranthene	23.295	252	1258	0.048	ng/ul#	13
25) Benzo(k)fluoranthene	23.345	252	1119	0.044	ng/ul#	8
26) Benzo(a)pyrene	23.950	252	658	0.029	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.663	276	1246	0.039	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.679	278	883	0.037	ng/ul#	26
29) Benzo(g,h,i)perylene	27.471	276	1110	0.042	ng/ul#	54

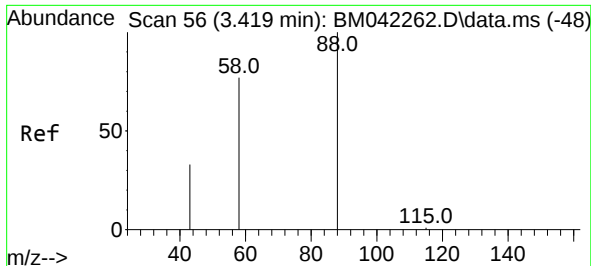
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 10 14:01:53 2023
Response via : Initial Calibration

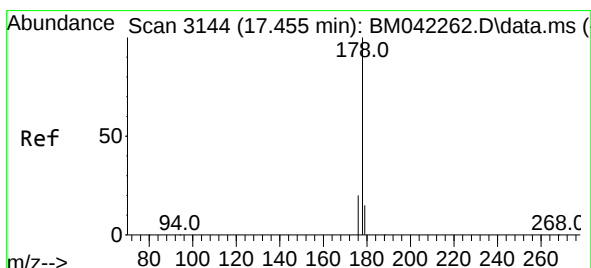
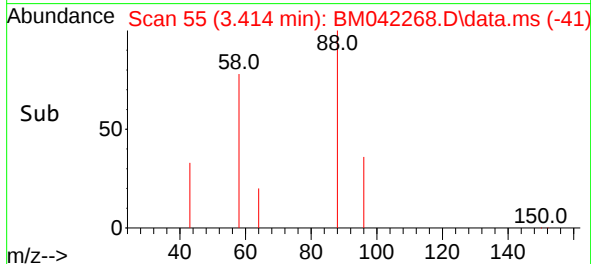
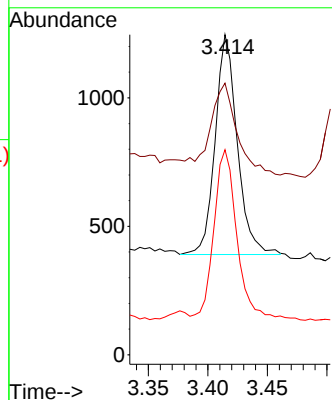
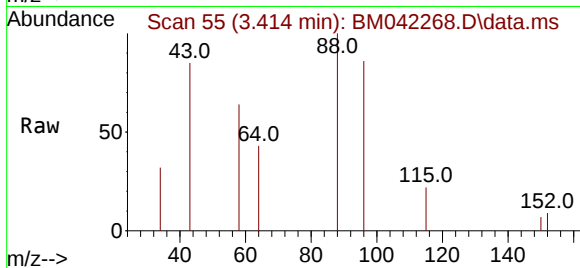




#2
1,4-Dioxane
Concen: 0.164 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042268.D
Acq: 11 Oct 2023 02:13

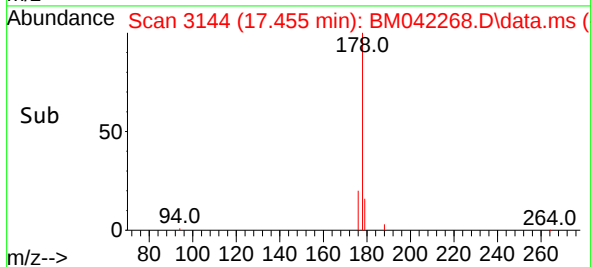
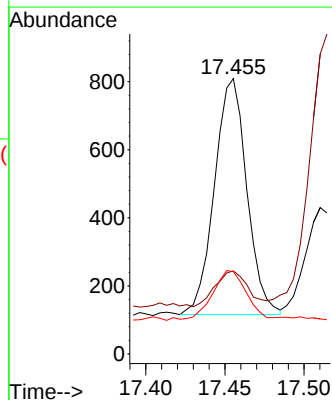
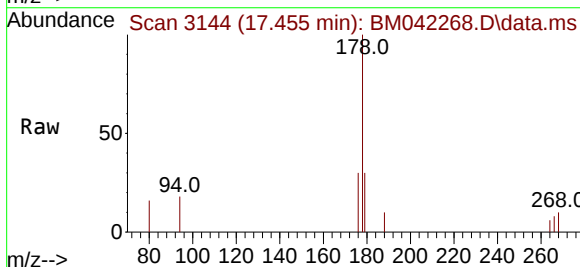
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BBJ01

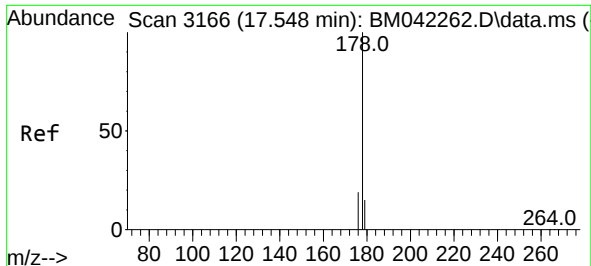
Tgt Ion: 88 Resp: 1106
Ion Ratio Lower Upper
88 100
43 84.8 52.1 78.1#
58 64.0 53.8 80.6



#15
Phenanthrene
Concen: 0.023 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM042268.D
Acq: 11 Oct 2023 02:13

Tgt Ion: 178 Resp: 986
Ion Ratio Lower Upper
178 100
179 30.2 13.0 19.4#
176 29.9 16.8 25.2#

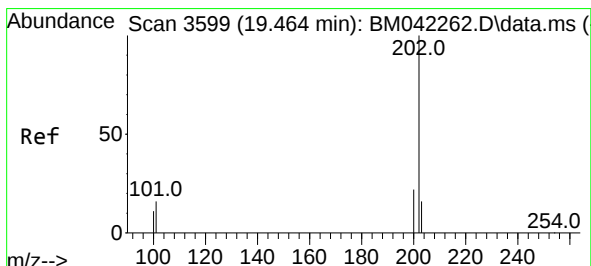
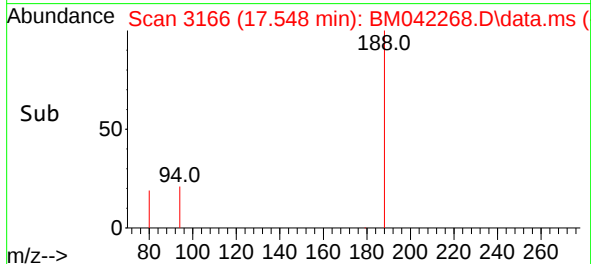
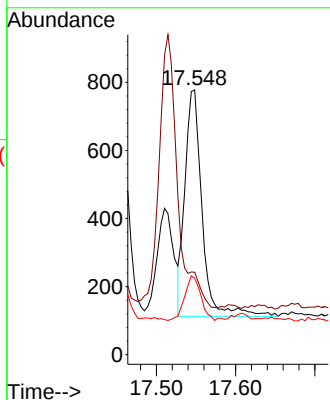
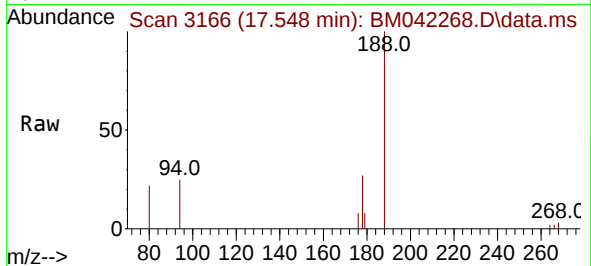




#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. -0.004 min
 Lab File: BM042268.D
 Acq: 11 Oct 2023 02:13

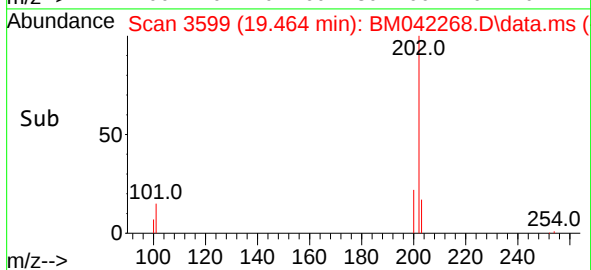
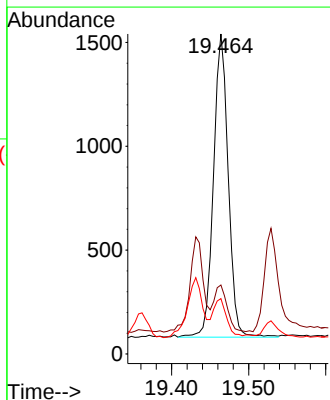
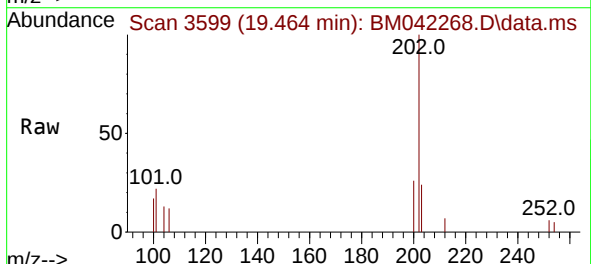
Instrument :
 BNA_M
 ClientSampleId :
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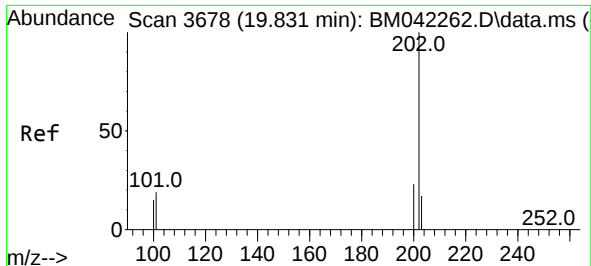
Tgt Ion:178 Resp: 1004
 Ion Ratio Lower Upper
 178 100
 179 31.1 12.9 19.3#
 176 28.9 16.3 24.5#



#19
 Fluoranthene
 Concen: 0.059 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM042268.D
 Acq: 11 Oct 2023 02:13

Tgt Ion:202 Resp: 1943
 Ion Ratio Lower Upper
 202 100
 101 21.5 11.1 16.7#
 100 17.3 8.2 12.2#

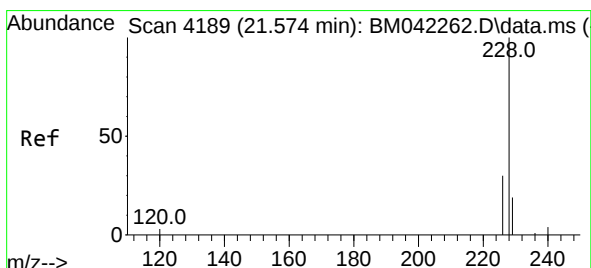
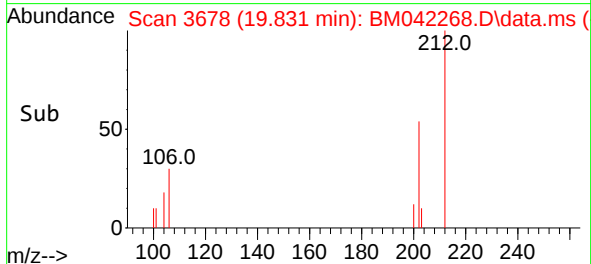
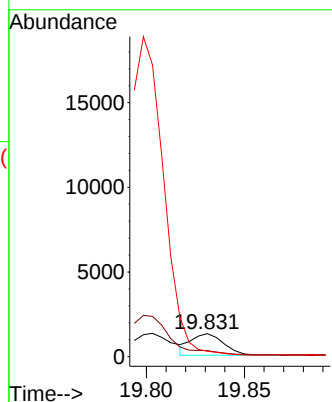
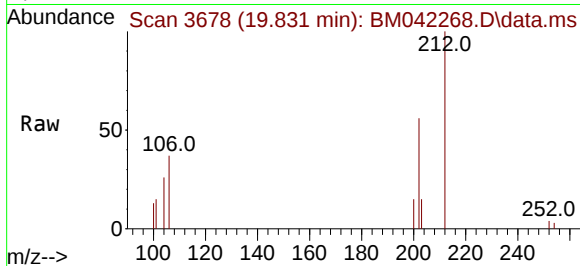




#20
Pyrene
Concen: 0.041 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM042268.D
Acq: 11 Oct 2023 02:13

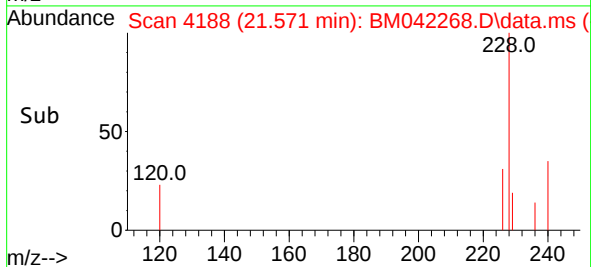
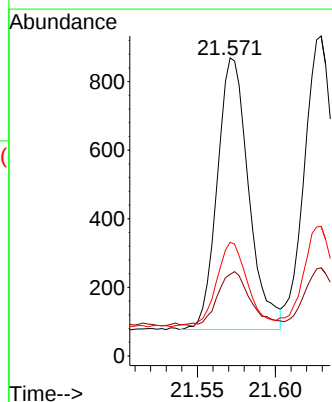
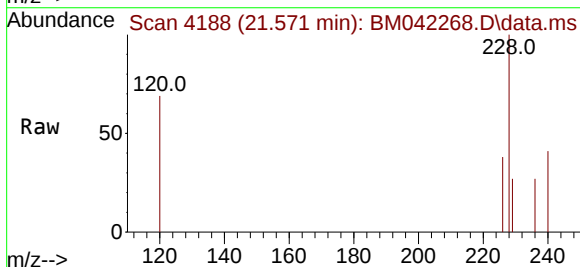
Instrument :
BNA_M
ClientSampleId :
BBJ01

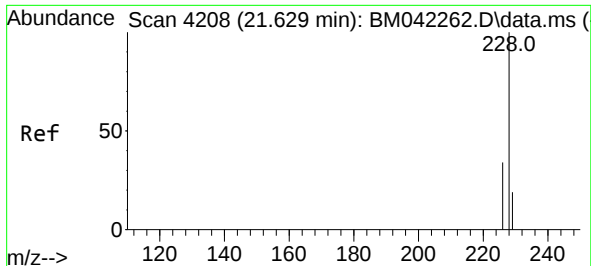
Tgt Ion:202 Resp: 1460
Ion Ratio Lower Upper
202 100
101 26.3 12.7 19.1#
100 23.3 9.9 14.9#



#21
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.009 min
Lab File: BM042268.D
Acq: 11 Oct 2023 02:13

Tgt Ion:228 Resp: 1112
Ion Ratio Lower Upper
228 100
229 27.4 15.8 23.8#
226 38.1 24.6 37.0#





#22

Chrysene

Concen: 0.040 ng/ul

RT: 21.629 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM042268.D

Acq: 11 Oct 2023 02:13

Instrument :

BNA_M

ClientSampleId :

BBJ01

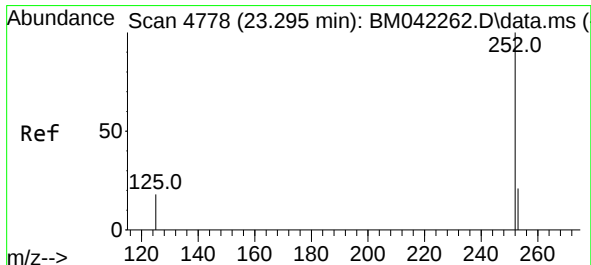
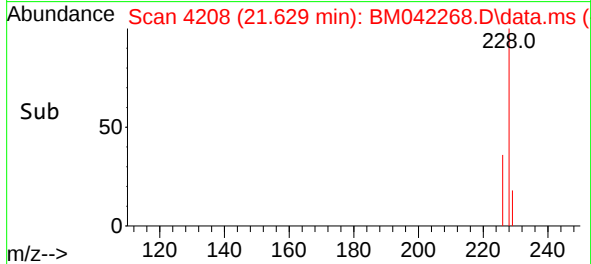
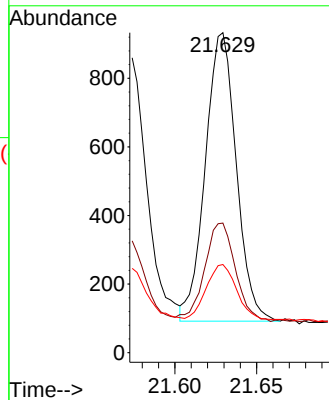
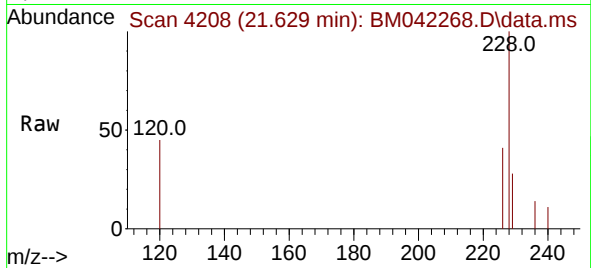
Tgt Ion:228 Resp: 1107

Ion Ratio Lower Upper

228 100

226 40.5 26.7 40.1#

229 27.5 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.048 ng/ul

RT: 23.295 min Scan# 4778

Delta R.T. -0.012 min

Lab File: BM042268.D

Acq: 11 Oct 2023 02:13

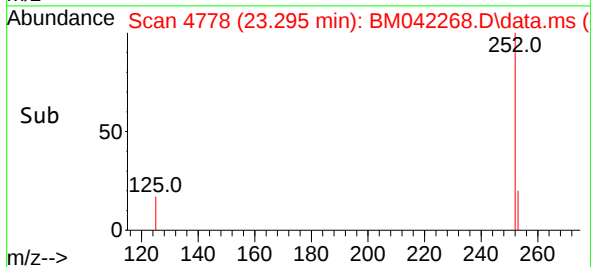
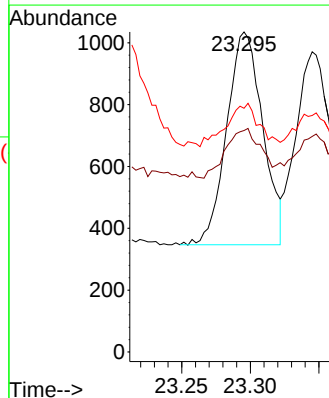
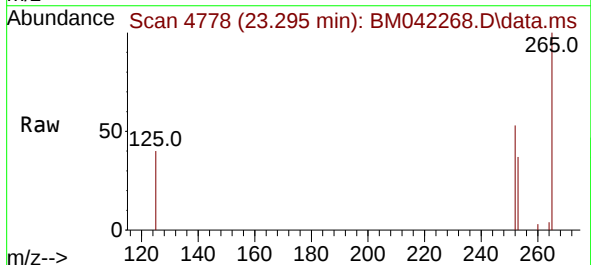
Tgt Ion:252 Resp: 1258

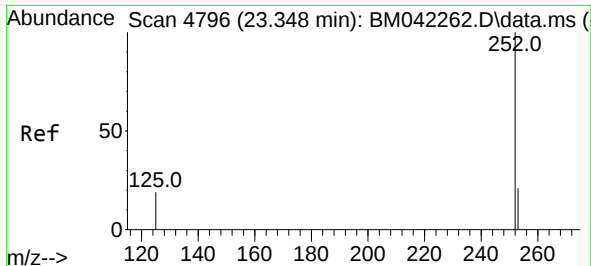
Ion Ratio Lower Upper

252 100

253 69.2 0.0 59.0#

125 76.1 0.0 49.6#

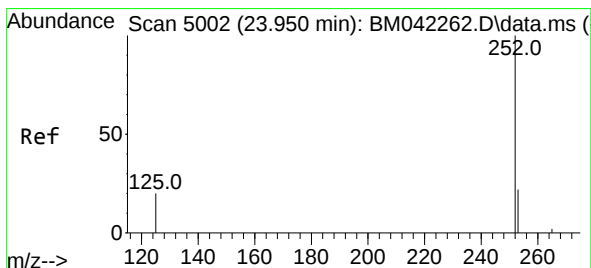
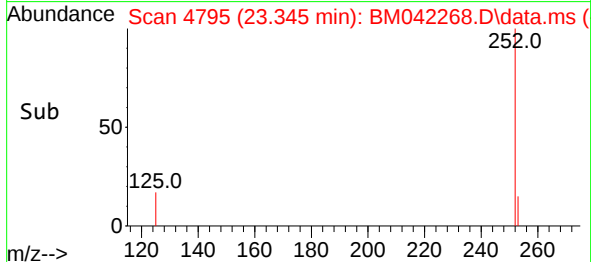
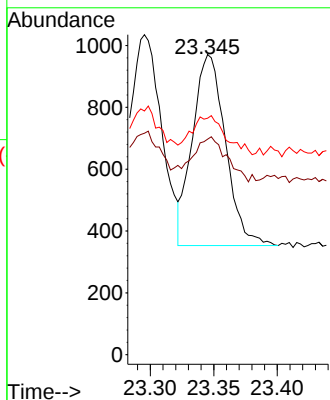
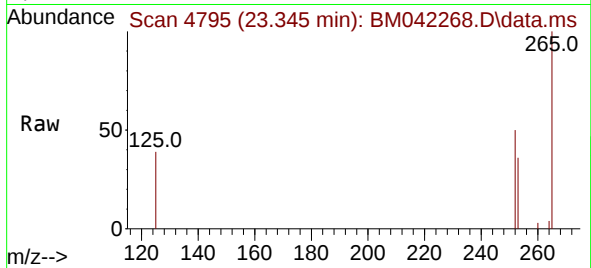




#25
Benzo(k)fluoranthene
Concen: 0.044 ng/u1
RT: 23.345 min Scan# 4795
Delta R.T. -0.012 min
Lab File: BM042268.D
Acq: 11 Oct 2023 02:13

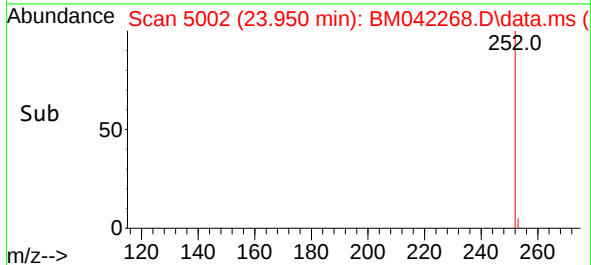
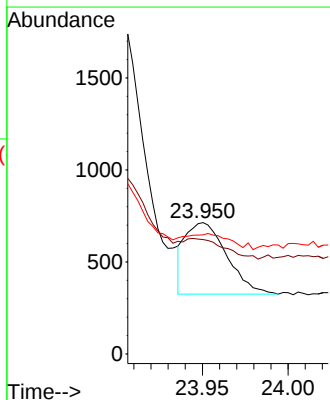
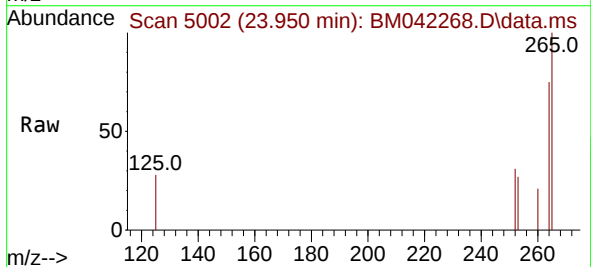
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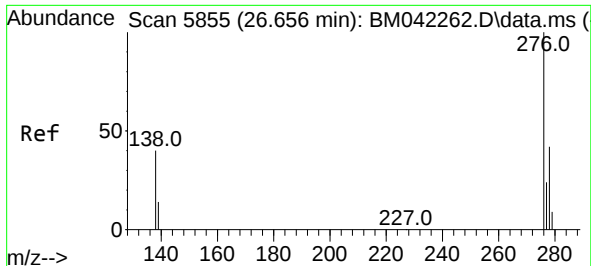
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Ion Ratio Lower Upper
252 100
253 71.8 23.4 35.0#
125 78.8 19.9 29.9#



#26
Benzo(a)pyrene
Concen: 0.029 ng/u1
RT: 23.950 min Scan# 5002
Delta R.T. -0.012 min
Lab File: BM042268.D
Acq: 11 Oct 2023 02:13

Tgt Ion:252 Resp: 658
Ion Ratio Lower Upper
252 100
253 87.1 25.3 37.9#
125 90.6 23.2 34.8#

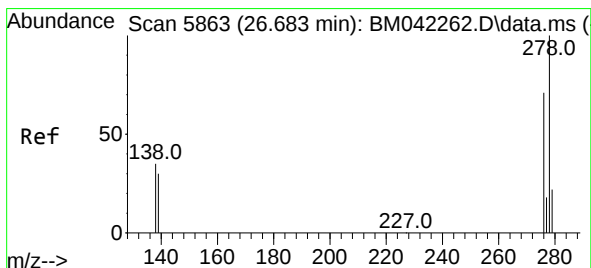
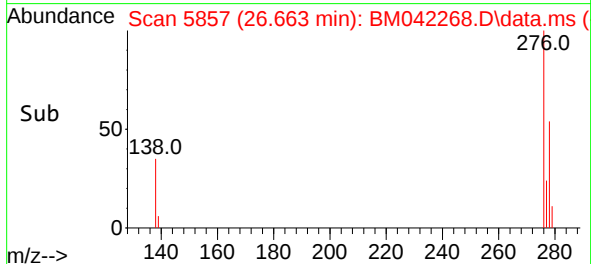
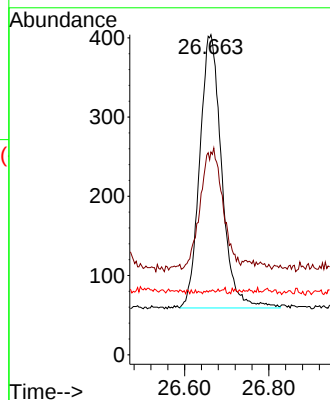
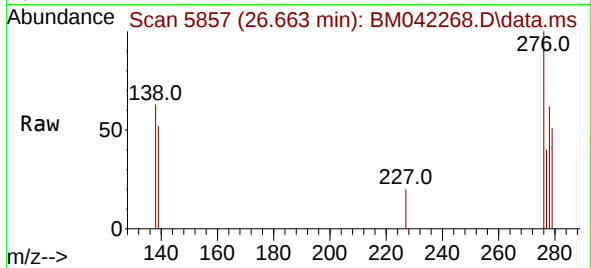




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng/ul
RT: 26.663 min Scan# 5857
Delta R.T. -0.007 min
Lab File: BM042268.D
Acq: 11 Oct 2023 02:13

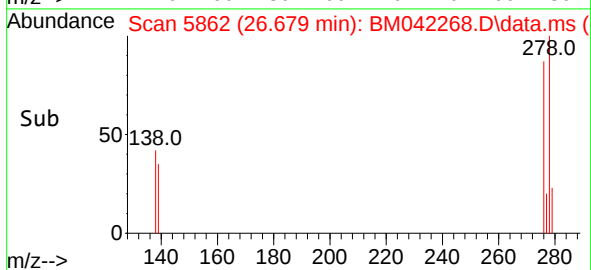
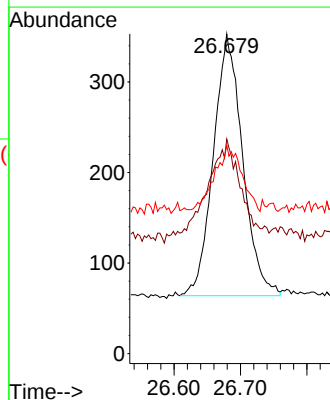
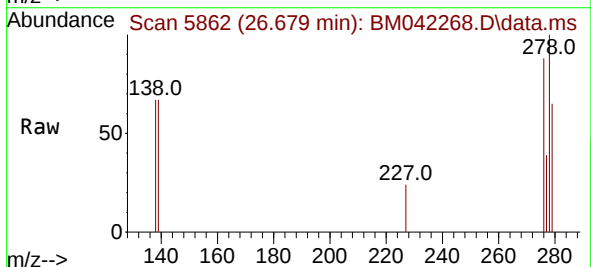
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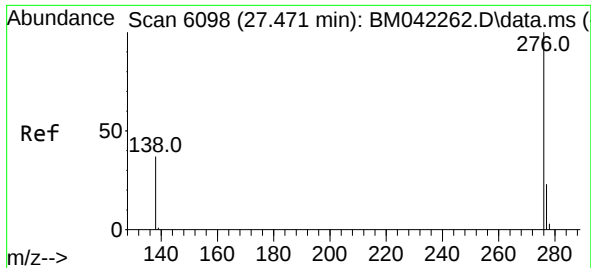
Tgt Ion:276 Resp: 1246
Ion Ratio Lower Upper
276 100
138 45.7 26.7 40.1#
227 0.3 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.679 min Scan# 5862
Delta R.T. -0.017 min
Lab File: BM042268.D
Acq: 11 Oct 2023 02:13

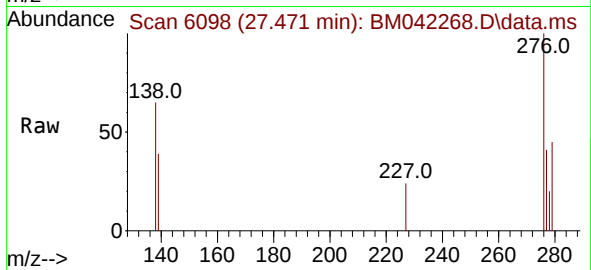
Tgt Ion:278 Resp: 883
Ion Ratio Lower Upper
278 100
139 67.1 21.7 32.5#
279 65.2 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.042 ng/ul
 RT: 27.471 min Scan# 6098
 Delta R.T. -0.017 min
 Lab File: BM042268.D
 Acq: 11 Oct 2023 02:13

Instrument :
 BNA_M
 ClientSampleId :
 BBJ01



Tgt Ion:276 Resp: 1110
 Ion Ratio Lower Upper
 276 100
 138 65.4 26.8 40.2#
 277 41.0 20.1 30.1#

