

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041805.D
 Acq On : 12 Sep 2023 07:51
 Operator : MA/JU
 Sample : 04175-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYK3

Quant Time: Sep 12 08:51:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

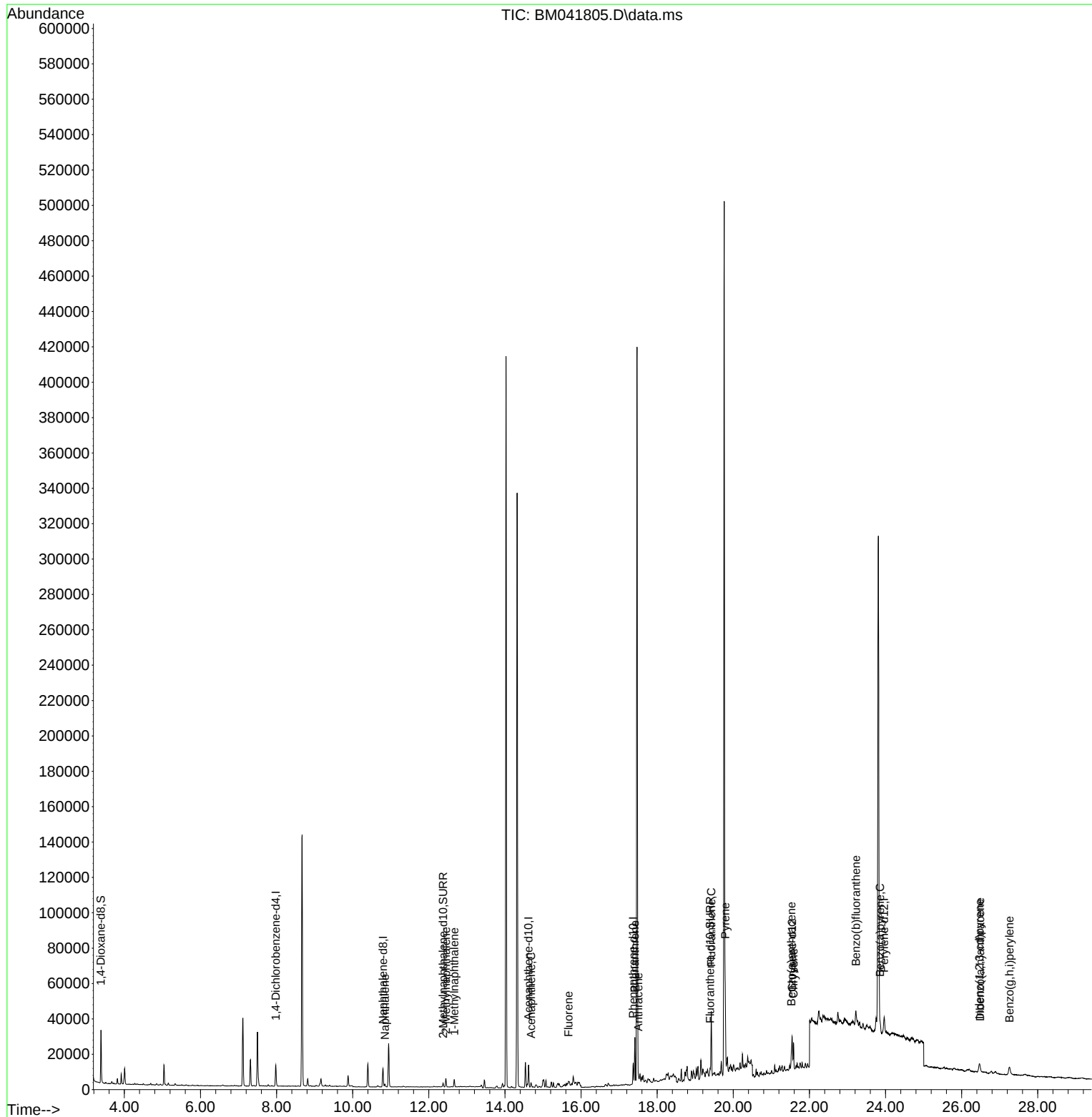
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	5746	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	13516	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.620	164	6539	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	12983	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	8243	0.400	ng/ul	# 0.00
23) Perylene-d12	23.965	264	10361	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	16444	1.873	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	2525	0.145	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	4490	0.112	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	2261	0.051	ng/ul#	86
7) 2-Methylnaphthalene	12.451	142	3346	0.133	ng/ul	99
8) 1-Methylnaphthalene	12.671	142	2787	0.110	ng/ul	98
11) Acenaphthene	14.685	153	1566	0.050	ng/ul	91
12) Fluorene	15.670	166	1980	0.056	ng/ul#	85
15) Phenanthrene	17.413	178	27560	0.503	ng/ul	98
16) Anthracene	17.506	178	2387	0.051	ng/ul#	61
19) Fluoranthene	19.422	202	29313	0.301	ng/ul	97
20) Pyrene	19.789	202	38670	0.400	ng/ul#	92
21) Benzo(a)anthracene	21.527	228	7981	0.119	ng/ul#	76
22) Chrysene	21.583	228	14224	0.196	ng/ul#	81
24) Benzo(b)fluoranthene	23.222	252	14575	0.157	ng/ul#	1
26) Benzo(a)pyrene	23.860	252	7208	0.096	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.468	276	7812	0.076	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.485	278	1897	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	27.256	276	9326	0.102	ng/ul#	25

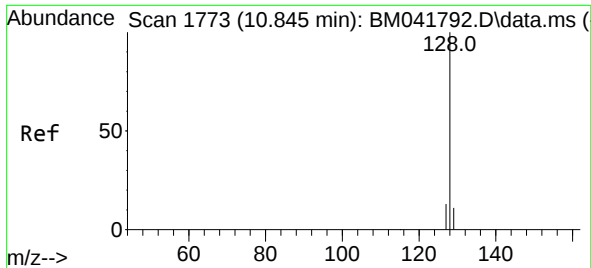
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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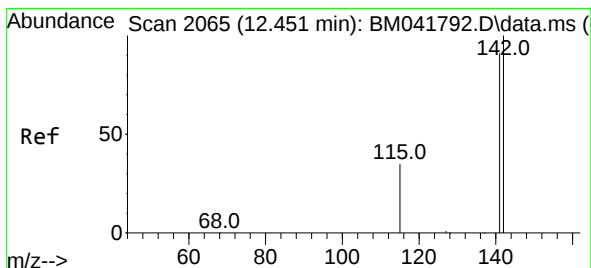
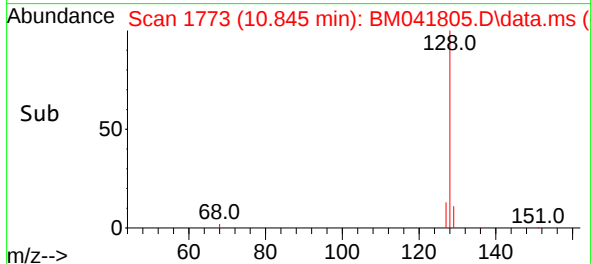
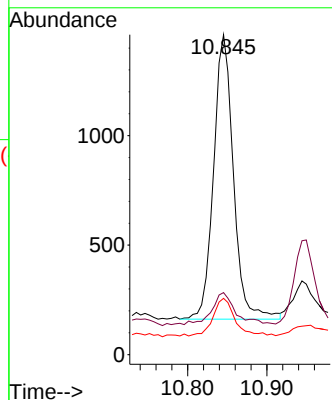
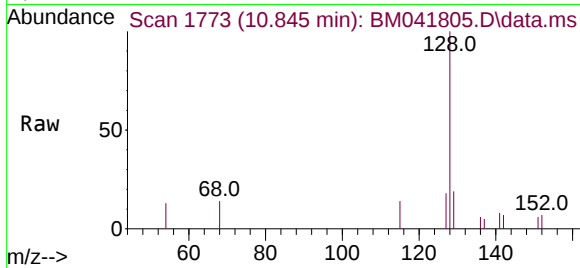




#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

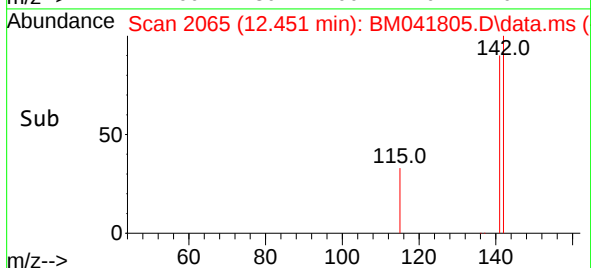
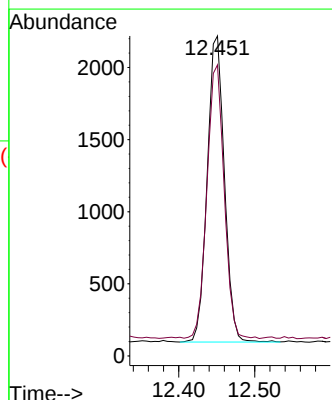
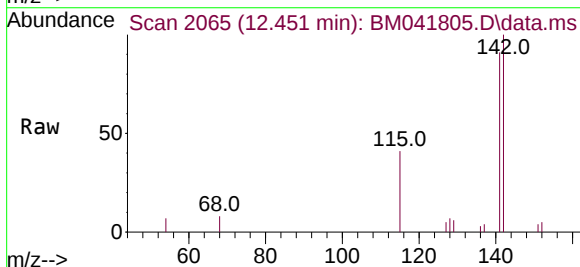
Instrument :
BNA_M
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EZYK3

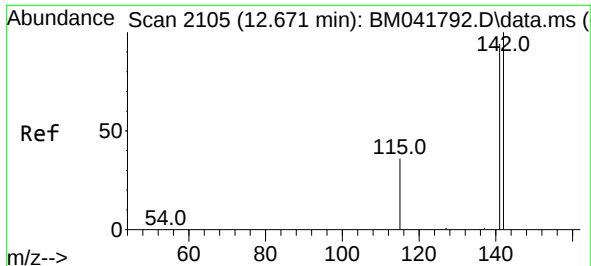
Tgt Ion:128 Resp: 2261
Ion Ratio Lower Upper
128 100
129 19.4 9.4 14.0#
127 17.6 11.0 16.6#



#7
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

Tgt Ion:142 Resp: 3346
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2

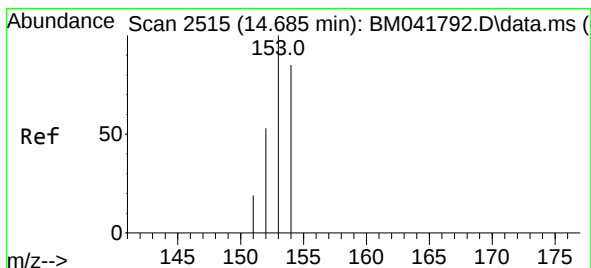
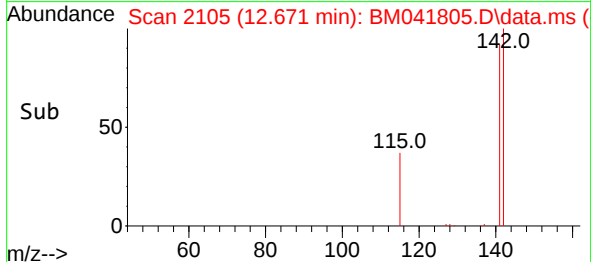
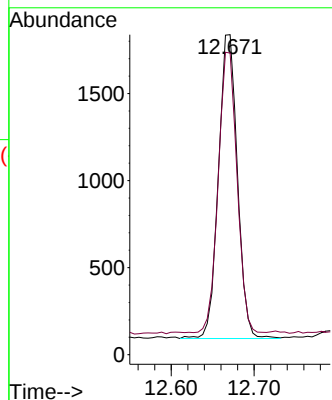
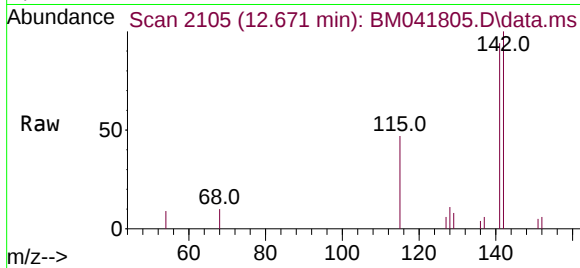




#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

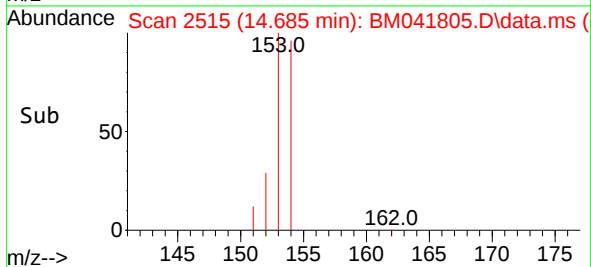
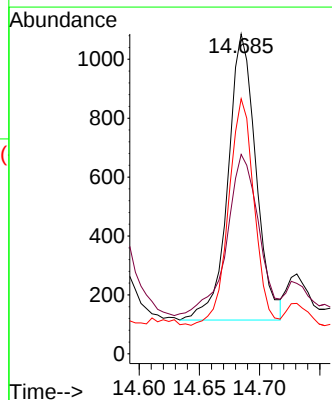
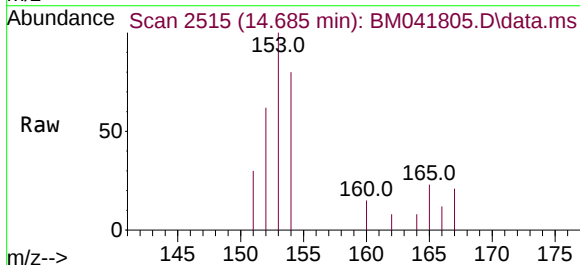
Instrument :
BNA_M
ClientSampleId :
EZYK3

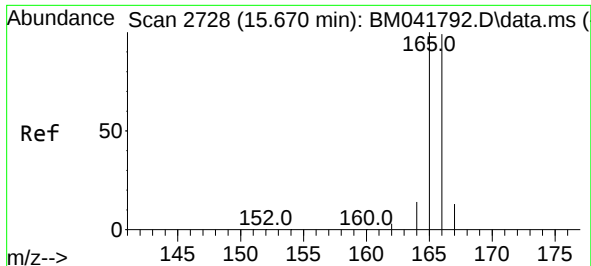
Tgt Ion:142 Resp: 2787
Ion Ratio Lower Upper
142 100
141 91.1 74.4 111.6



#11
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.685 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

Tgt Ion:153 Resp: 1566
Ion Ratio Lower Upper
153 100
152 62.3 43.4 65.2
154 79.7 69.4 104.0

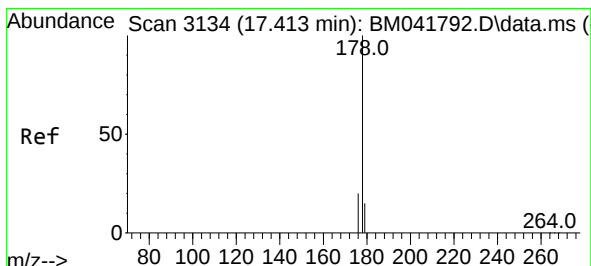
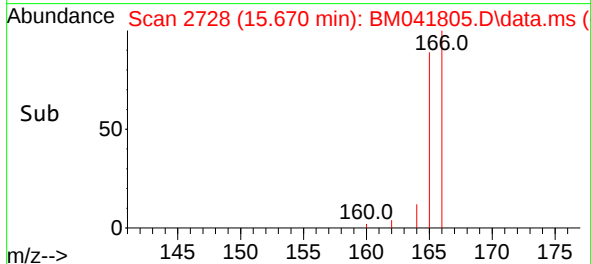
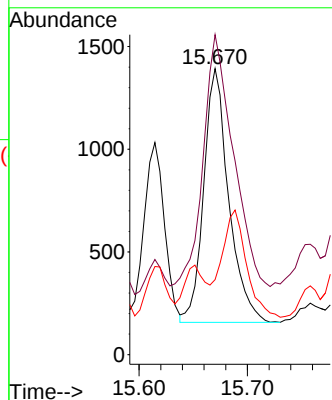
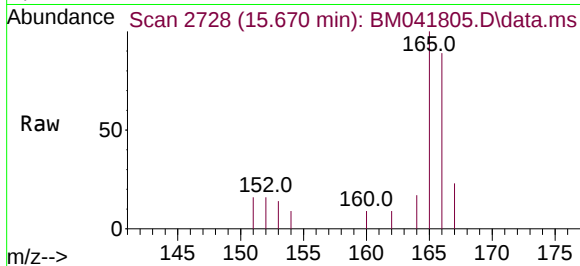




#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.670 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

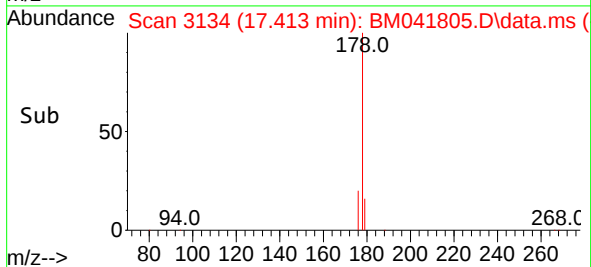
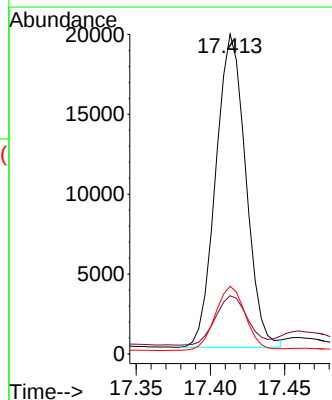
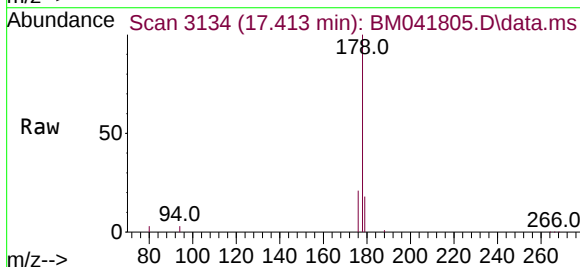
Instrument :
BNA_M
ClientSampleId :
EZYK3

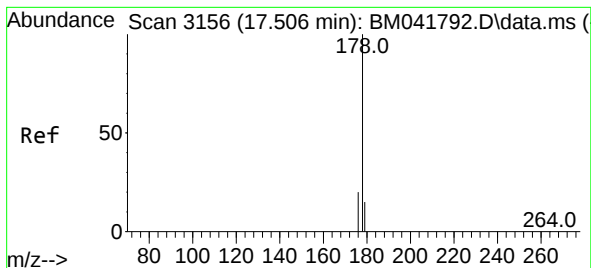
Tgt Ion:166 Resp: 1980
Ion Ratio Lower Upper
166 100
165 111.8 79.4 119.2
167 26.2 11.3 16.9#



#15
Phenanthrene
Concen: 0.503 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

Tgt Ion:178 Resp: 27560
Ion Ratio Lower Upper
178 100
179 18.2 12.9 19.3
176 21.1 16.9 25.3





#16

Anthracene

Concen: 0.051 ng/ul

RT: 17.506 min Scan# 3156

Delta R.T. 0.000 min

Lab File: BM041805.D

Acq: 12 Sep 2023 07:51

Instrument :

BNA_M

ClientSampleId :

EZYK3

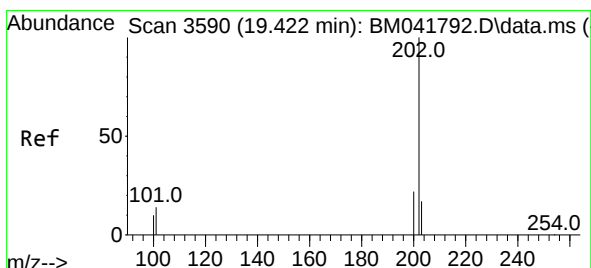
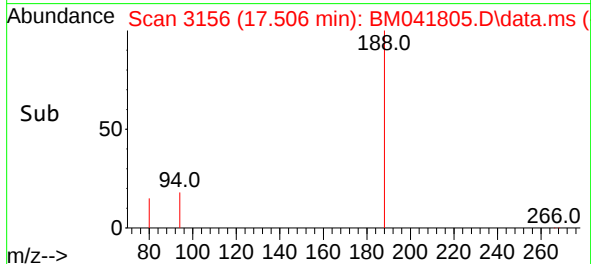
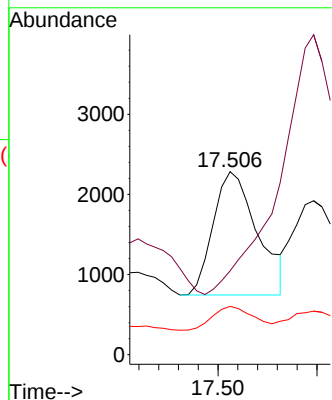
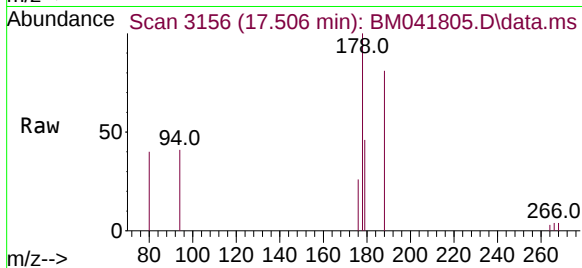
Tgt Ion:178 Resp: 2387

Ion Ratio Lower Upper

178 100

179 45.8 12.9 19.3#

176 26.4 15.8 23.8#



#19

Fluoranthene

Concen: 0.301 ng/ul

RT: 19.422 min Scan# 3590

Delta R.T. 0.000 min

Lab File: BM041805.D

Acq: 12 Sep 2023 07:51

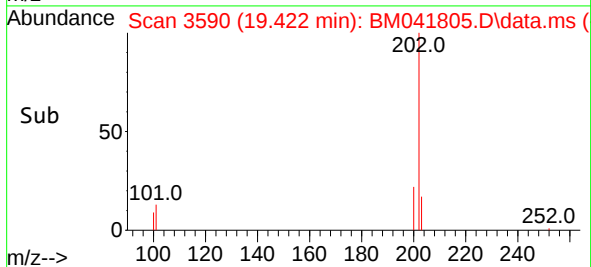
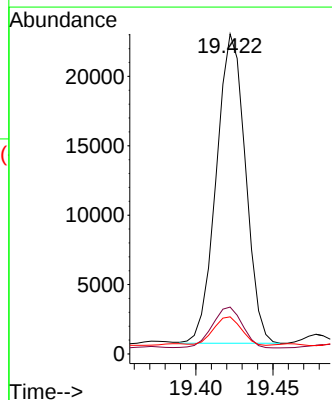
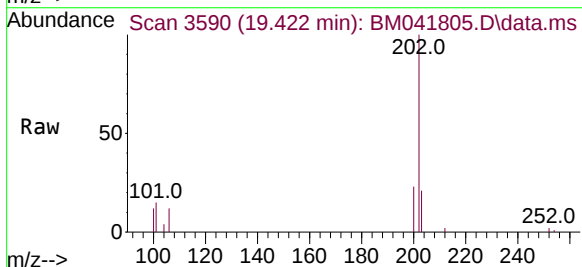
Tgt Ion:202 Resp: 29313

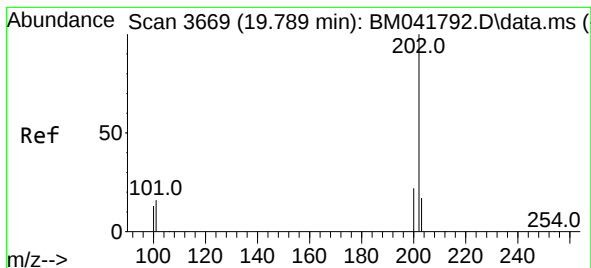
Ion Ratio Lower Upper

202 100

101 14.6 10.5 15.7

100 11.6 8.4 12.6





#20

Pyrene

Concen: 0.400 ng/ul

RT: 19.789 min Scan# 3669

Delta R.T. 0.000 min

Lab File: BM041805.D

Acq: 12 Sep 2023 07:51

Instrument :

BNA_M

ClientSampleId :

EZYK3

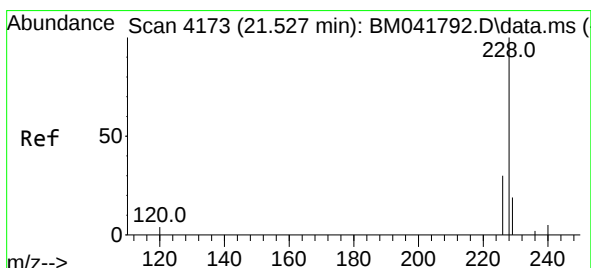
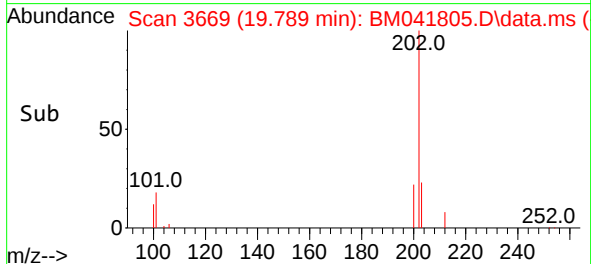
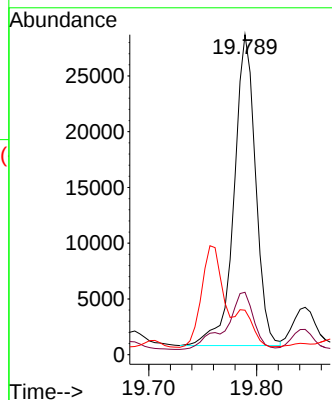
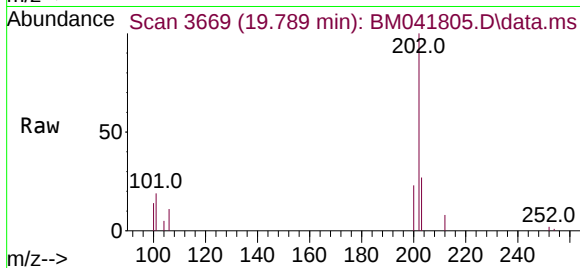
Tgt Ion:202 Resp: 38670

Ion Ratio Lower Upper

202 100

101 19.5 11.8 17.8#

100 13.9 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.119 ng/ul

RT: 21.527 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BM041805.D

Acq: 12 Sep 2023 07:51

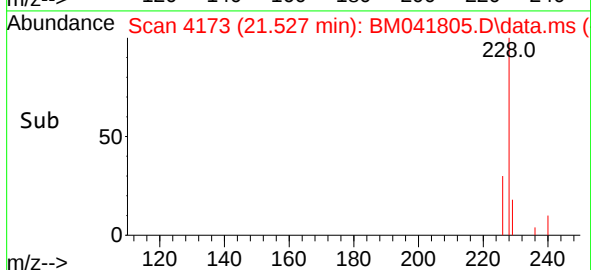
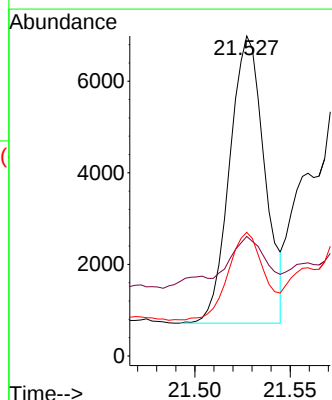
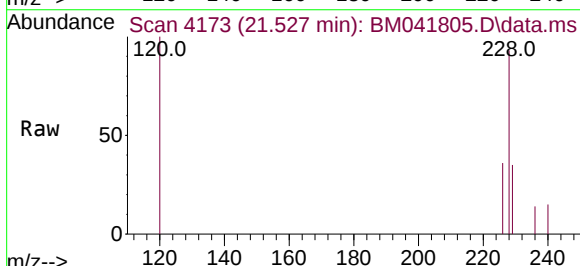
Tgt Ion:228 Resp: 7981

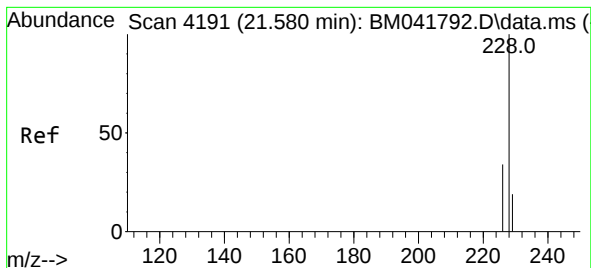
Ion Ratio Lower Upper

228 100

229 37.4 15.8 23.6#

226 38.6 24.8 37.2#





#22

Chrysene

Concen: 0.196 ng/ul

RT: 21.583 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM041805.D

Acq: 12 Sep 2023 07:51

Instrument :

BNA_M

ClientSampleId :

EZYK3

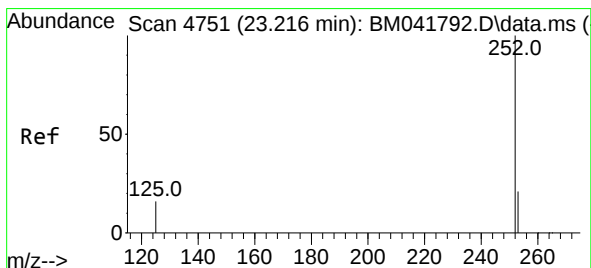
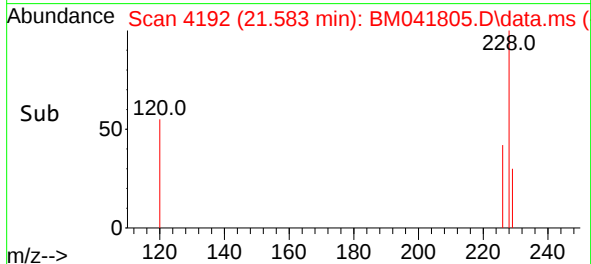
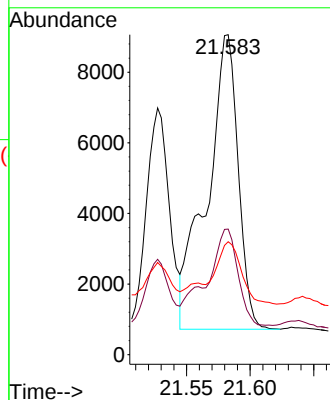
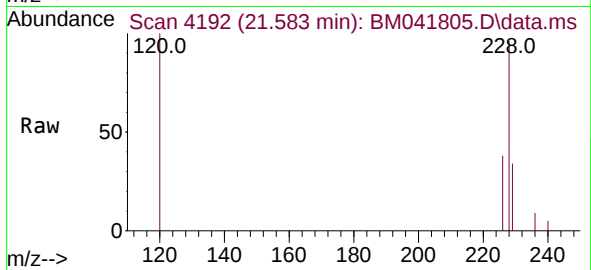
Tgt Ion:228 Resp: 14224

Ion Ratio Lower Upper

228 100

226 39.3 27.0 40.6

229 35.3 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.157 ng/ul

RT: 23.222 min Scan# 4753

Delta R.T. 0.006 min

Lab File: BM041805.D

Acq: 12 Sep 2023 07:51

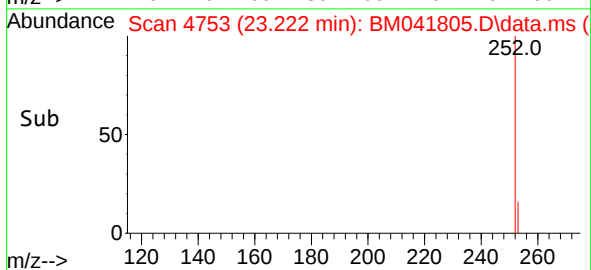
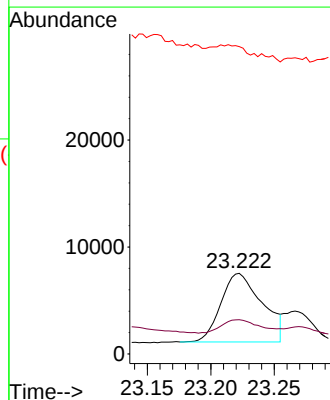
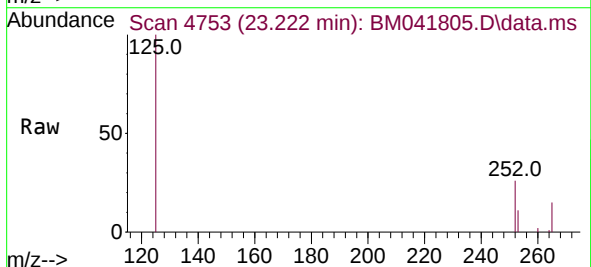
Tgt Ion:252 Resp: 14575

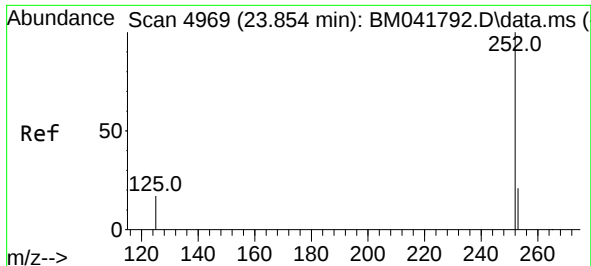
Ion Ratio Lower Upper

252 100

253 42.5 0.0 52.4

125 381.0 0.0 42.8#

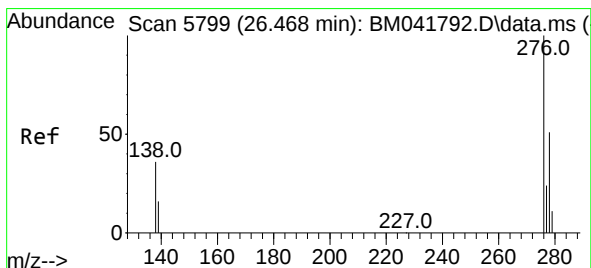
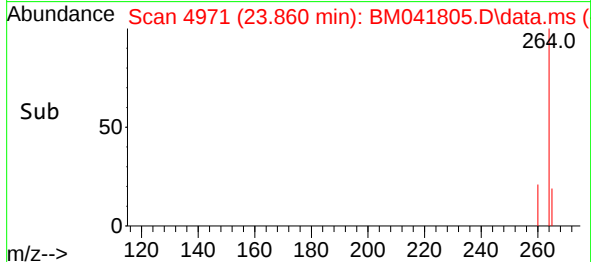
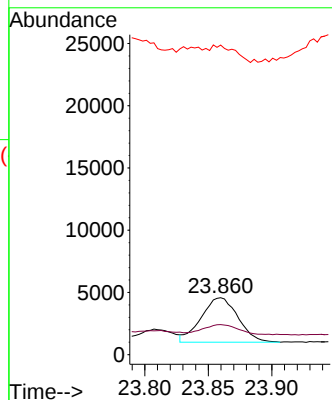
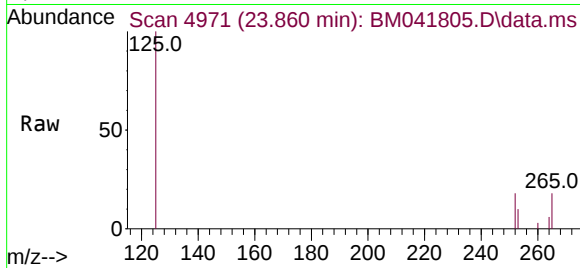




#26
Benzo(a)pyrene
Concen: 0.096 ng/ul
RT: 23.860 min Scan# 4971
Delta R.T. 0.006 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

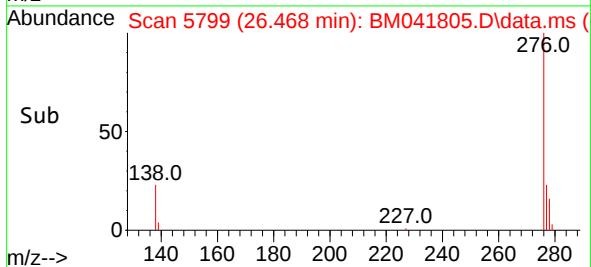
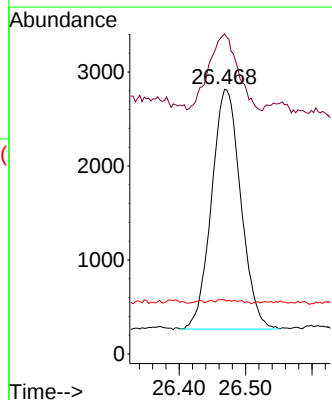
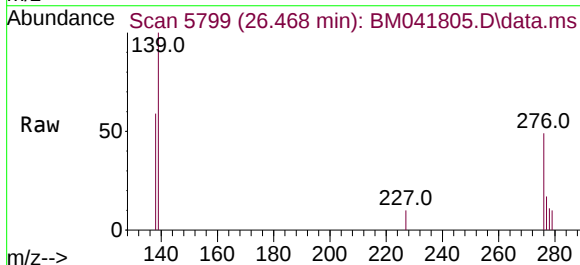
Instrument :
BNA_M
ClientSampleId :
EZYK3

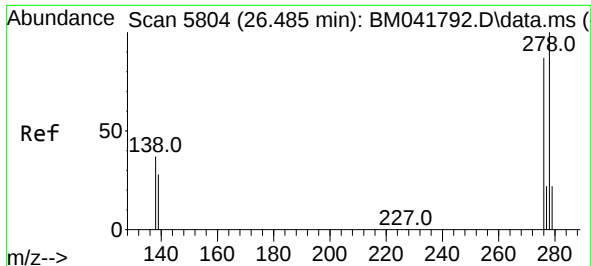
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Ion Ratio Lower Upper
252 100
253 52.8 22.4 33.6#
125 543.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. 0.000 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

Tgt Ion:276 Resp: 7812
Ion Ratio Lower Upper
276 100
138 34.0 26.4 39.6
227 1.3 0.1 0.1#

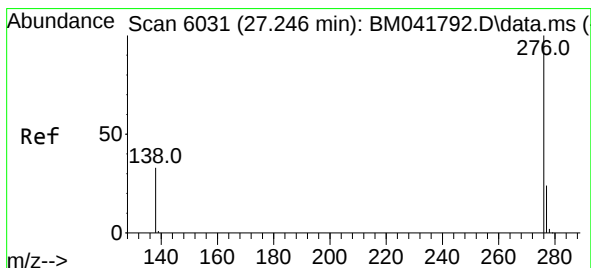
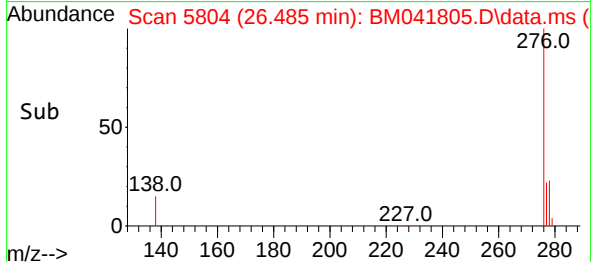
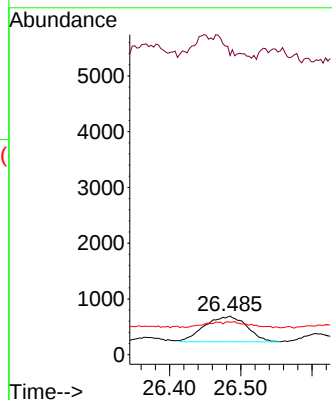
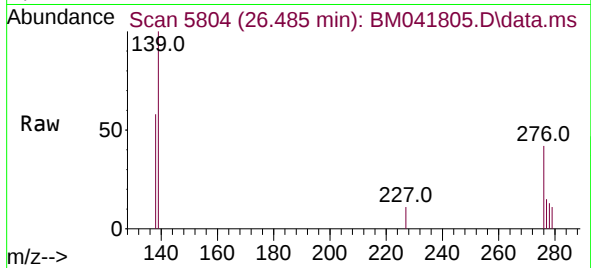




#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. 0.000 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

Instrument :
BNA_M
ClientSampleId :
EZYK3

Tgt Ion:278 Resp: 1897
Ion Ratio Lower Upper
278 100
139 774.2 23.0 34.6#
279 84.3 22.9 34.3#



#29
Benzo(g,h,i)perylene
Concen: 0.102 ng/ul
RT: 27.256 min Scan# 6034
Delta R.T. 0.010 min
Lab File: BM041805.D
Acq: 12 Sep 2023 07:51

Tgt Ion:276 Resp: 9326
Ion Ratio Lower Upper
276 100
138 99.1 25.0 37.4#
277 32.7 20.2 30.2#

