

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046895.D
 Acq On : 29 Jul 2024 22:13
 Operator : MA/JU
 Sample : P3329-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E22

Quant Time: Jul 30 00:02:52 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)

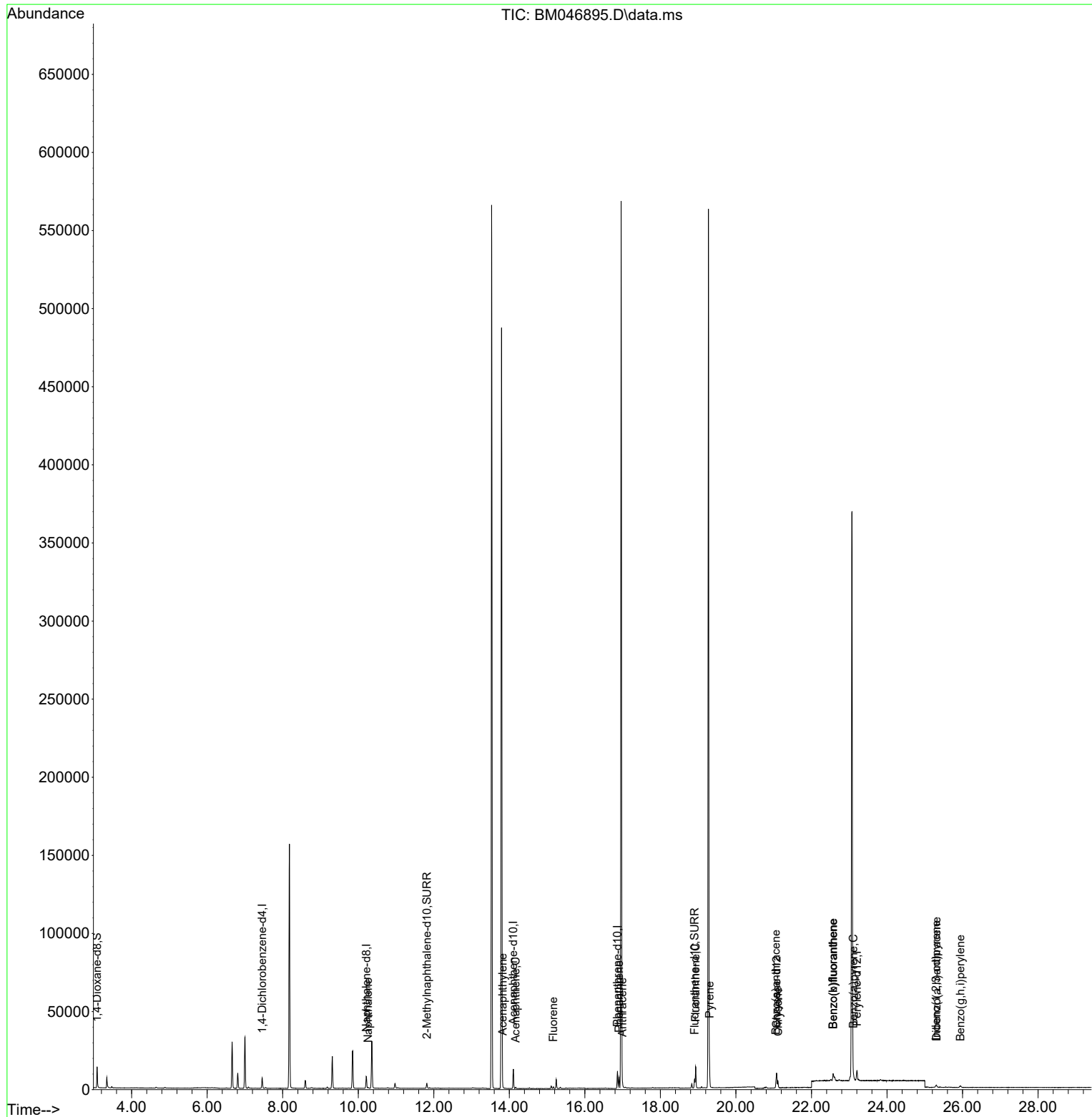
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3286	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.211	136	10239	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6687	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.863	188	13403	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	7832	0.400	ng/ul	0.00
23) Perylene-d12	23.203	264	8744	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	7919	3.442	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	4025	0.247	ng/ul	-0.01
18) Fluoranthene-d10	18.905	212	6648	0.261	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	737	0.028	ng/ul#	74
10) Acenaphthylene	13.822	152	802	0.026	ng/ul#	81
11) Acenaphthene	14.169	153	484	0.023	ng/ul	94
12) Fluorene	15.164	166	687	0.026	ng/ul#	96
15) Phenanthrene	16.905	178	7344	0.191	ng/ul	99
16) Anthracene	16.994	178	1789	0.050	ng/ul#	85
19) Fluoranthene	18.932	202	11937	0.347	ng/ul	98
20) Pyrene	19.300	202	12232	0.344	ng/ul	98
21) Benzo(a)anthracene	21.061	228	3870	0.119	ng/ul#	89
22) Chrysene	21.111	228	5018	0.151	ng/ul#	93
24) Benzo(b)fluoranthene	22.572	252	9655	0.252	ng/ul#	75
25) Benzo(k)fluoranthene	22.572	252	9655	0.250	ng/ul#	80
26) Benzo(a)pyrene	23.110	252	2949	0.107	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	25.303	276	2449	0.058	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.313	278	628	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	25.940	276	2162	0.058	ng/ul#	65

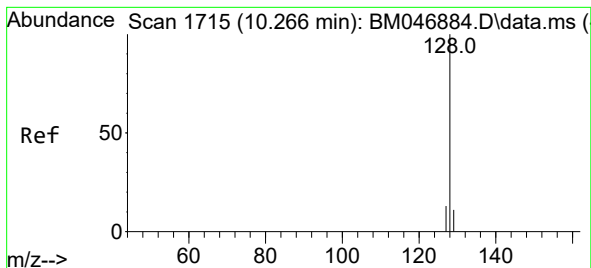
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.028 ng/ul

RT: 10.260 min Scan# 1714

Delta R.T. -0.016 min

Lab File: BM046895.D

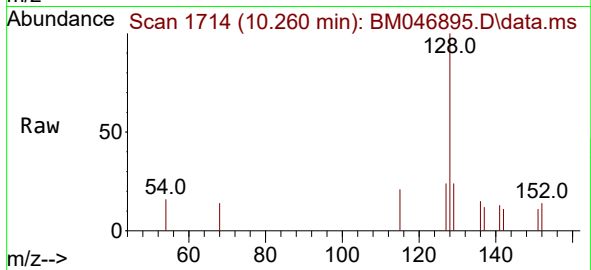
Acq: 29 Jul 2024 22:13

Instrument :

BNA_M

ClientSampleId :

F7E22



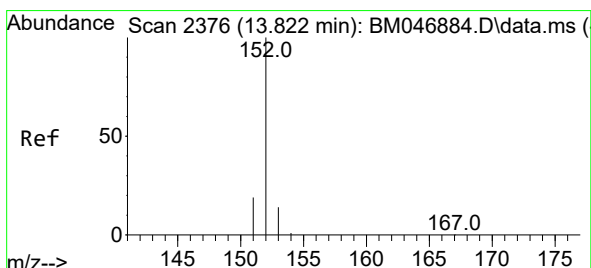
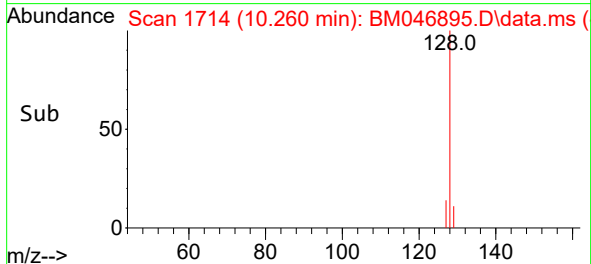
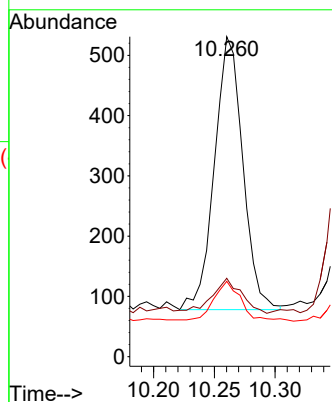
Tgt Ion:128 Resp: 737

Ion Ratio Lower Upper

128 100

129 24.5 10.1 15.1#

127 23.5 11.5 17.3#



#10

Acenaphthylene

Concen: 0.026 ng/ul

RT: 13.822 min Scan# 2376

Delta R.T. -0.009 min

Lab File: BM046895.D

Acq: 29 Jul 2024 22:13

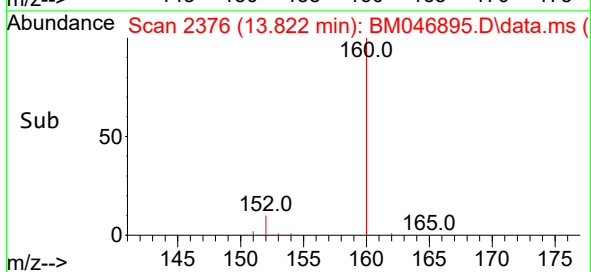
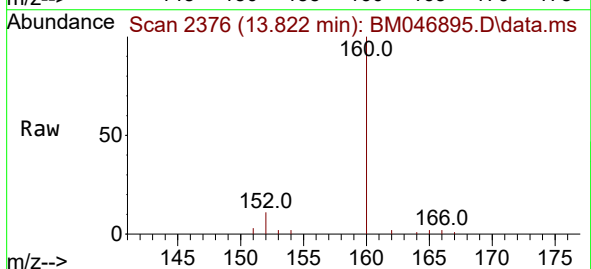
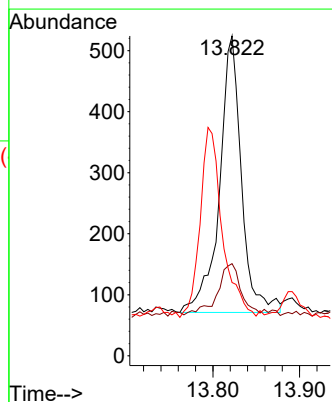
Tgt Ion:152 Resp: 802

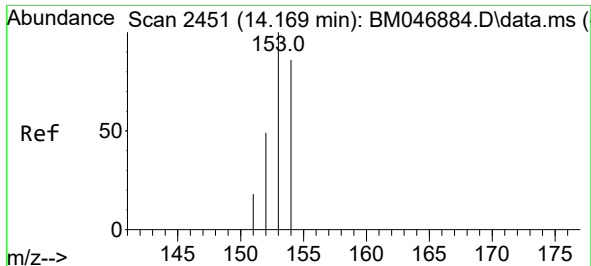
Ion Ratio Lower Upper

152 100

151 28.8 16.8 25.2#

153 22.9 11.0 16.6#

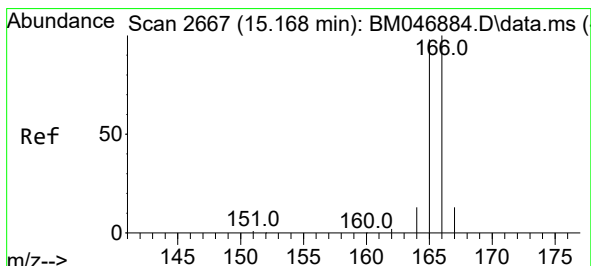
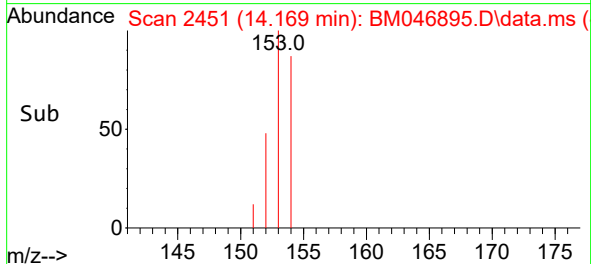
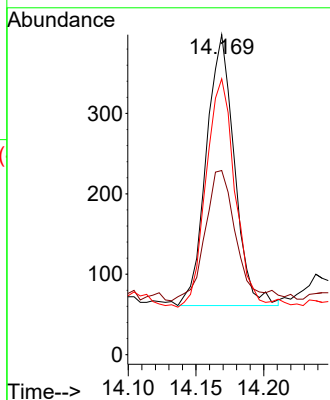
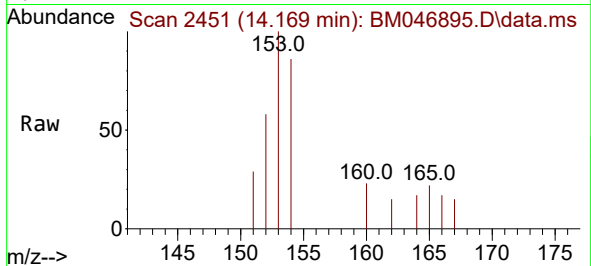




#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

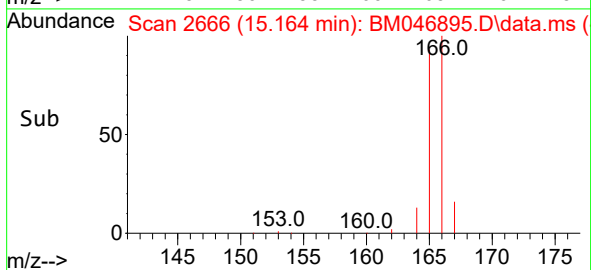
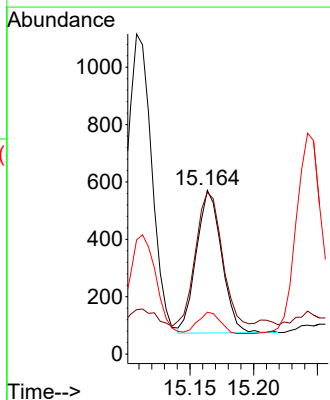
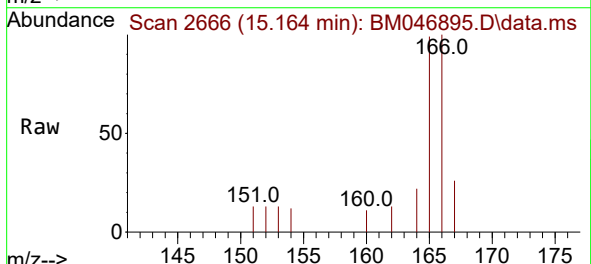
Instrument :
BNA_M
ClientSampleId :
F7E22

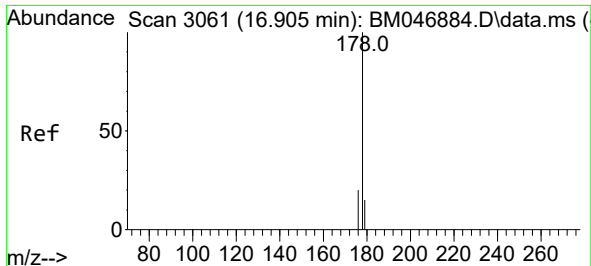
Tgt Ion:153 Resp: 484
Ion Ratio Lower Upper
153 100
152 57.5 38.6 57.8
154 86.2 70.8 106.2



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.164 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

Tgt Ion:166 Resp: 687
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.6
167 25.6 12.3 18.5#

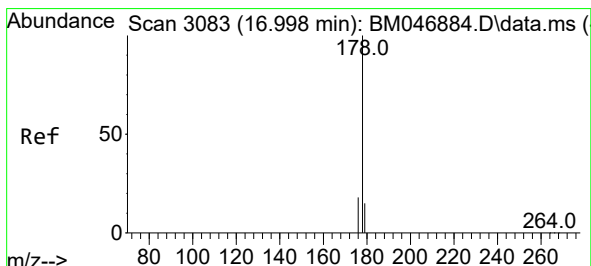
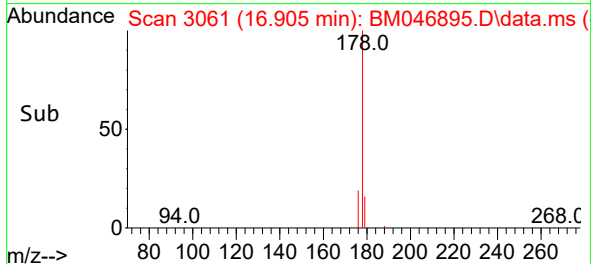
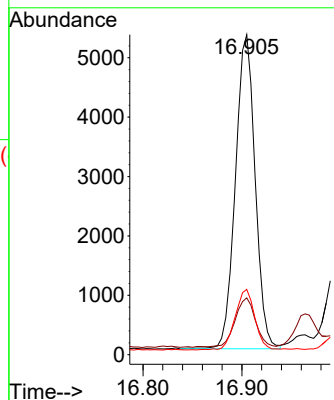
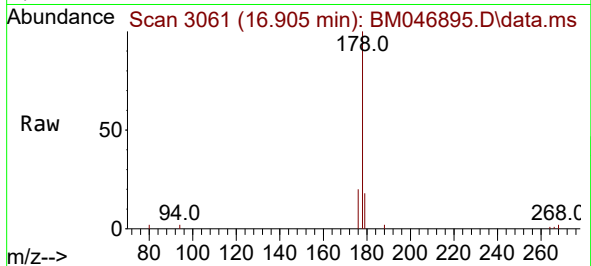




#15
Phenanthrene
Concen: 0.191 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.008 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

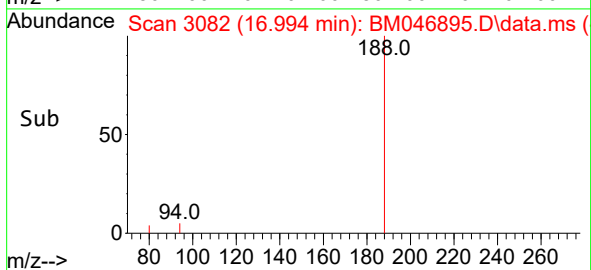
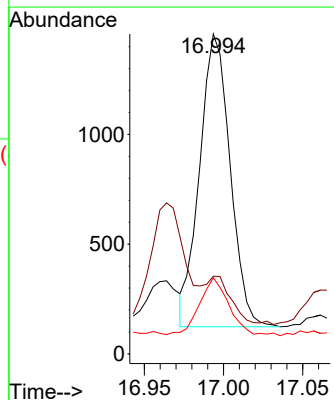
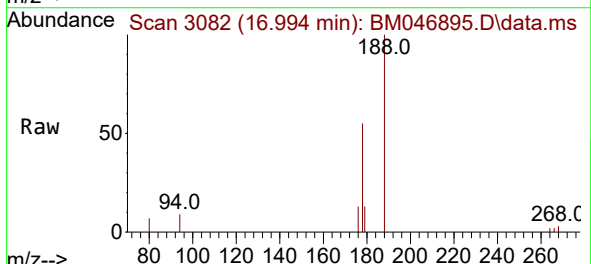
Instrument :
BNA_M
ClientSampleId :
F7E22

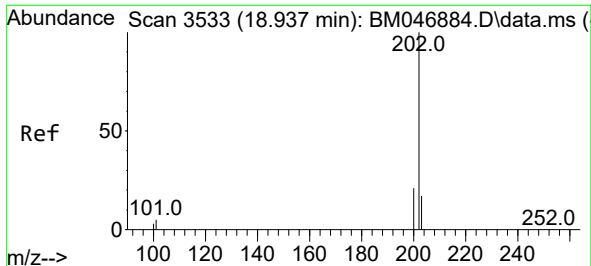
Tgt Ion:178 Resp: 7344
Ion Ratio Lower Upper
178 100
179 17.8 13.4 20.2
176 20.4 16.1 24.1



#16
Anthracene
Concen: 0.050 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. -0.013 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

Tgt Ion:178 Resp: 1789
Ion Ratio Lower Upper
178 100
179 24.3 13.1 19.7#
176 23.8 15.0 22.6#

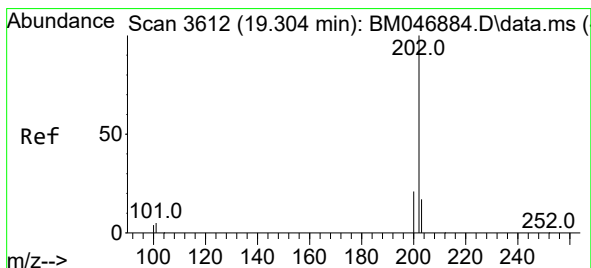
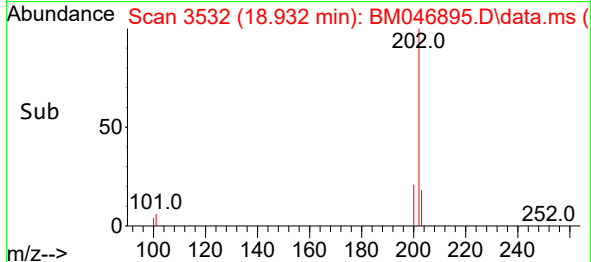
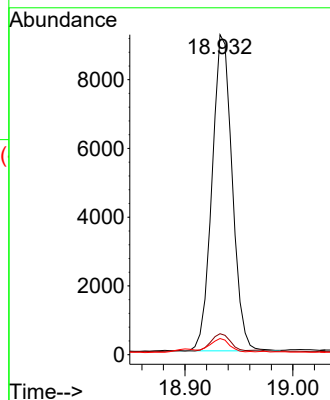
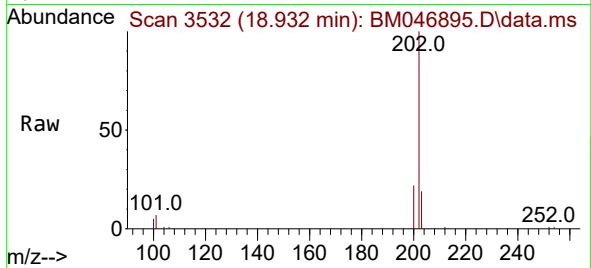




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 18.932 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

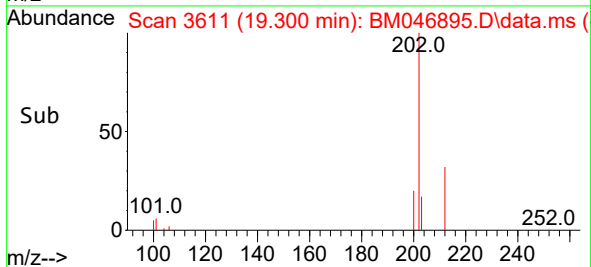
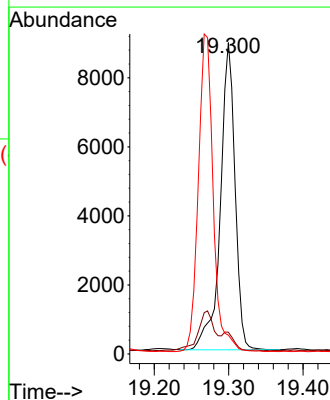
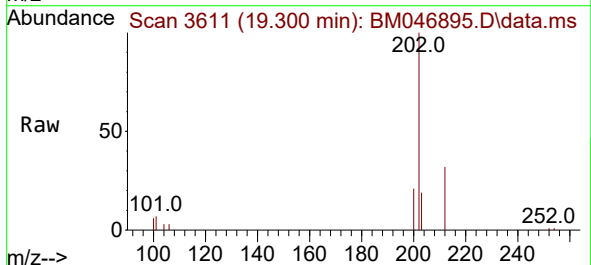
Instrument :
BNA_M
ClientSampleId :
F7E22

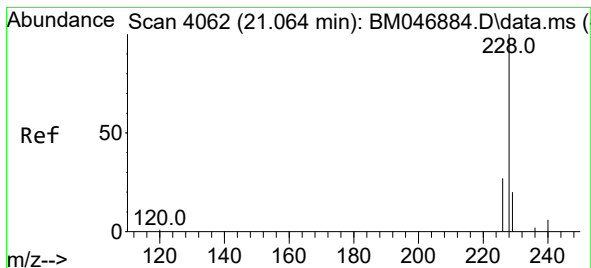
Tgt Ion:202 Resp: 11937
Ion Ratio Lower Upper
202 100
101 6.6 4.7 7.1
100 5.1 3.4 5.2



#20
Pyrene
Concen: 0.344 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

Tgt Ion:202 Resp: 12232
Ion Ratio Lower Upper
202 100
101 7.0 5.2 7.8
100 6.0 4.3 6.5





#21

Benzo(a)anthracene

Concen: 0.119 ng/ul

RT: 21.061 min Scan# 4061

Delta R.T. -0.003 min

Lab File: BM046895.D

Acq: 29 Jul 2024 22:13

Instrument :

BNA_M

ClientSampleId :

F7E22

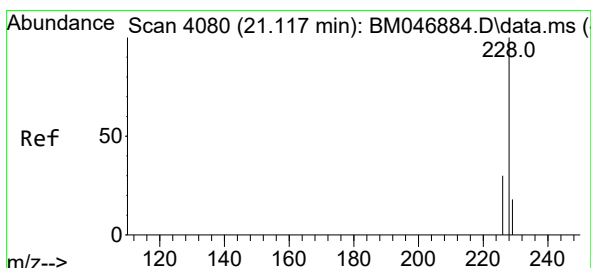
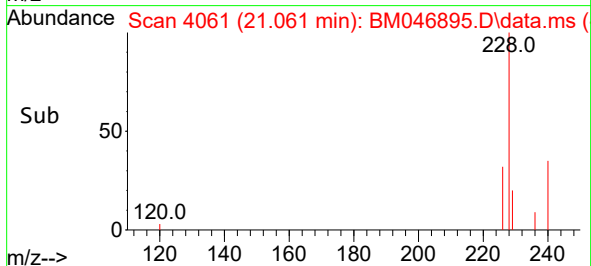
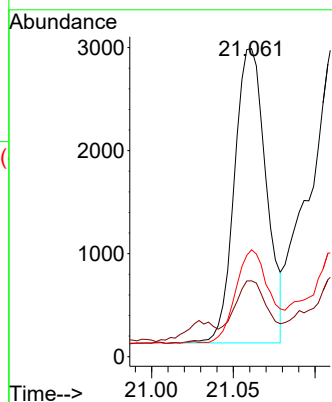
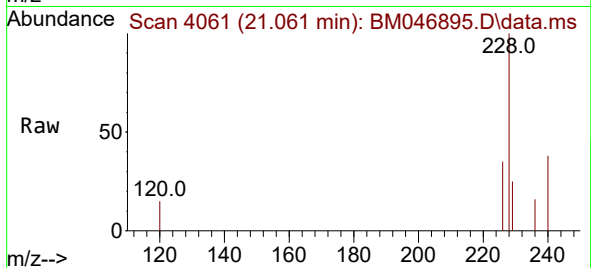
Tgt Ion:228 Resp: 3870

Ion Ratio Lower Upper

228 100

229 24.6 16.3 24.5#

226 34.7 22.3 33.5#



#22

Chrysene

Concen: 0.151 ng/ul

RT: 21.111 min Scan# 4078

Delta R.T. -0.006 min

Lab File: BM046895.D

Acq: 29 Jul 2024 22:13

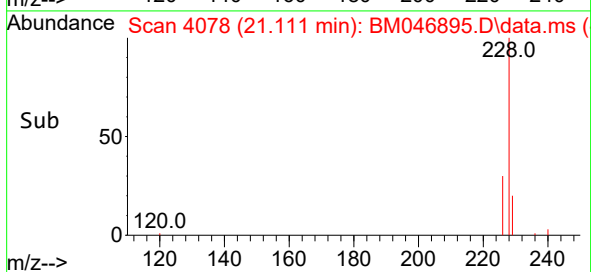
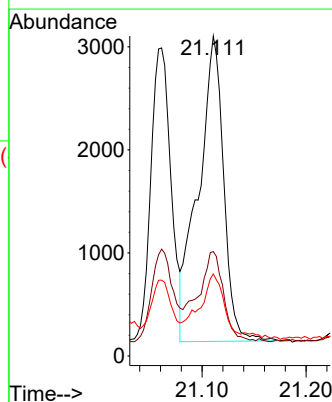
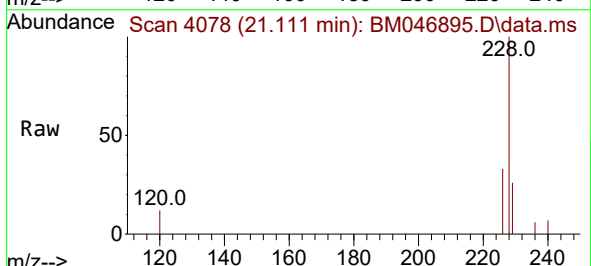
Tgt Ion:228 Resp: 5018

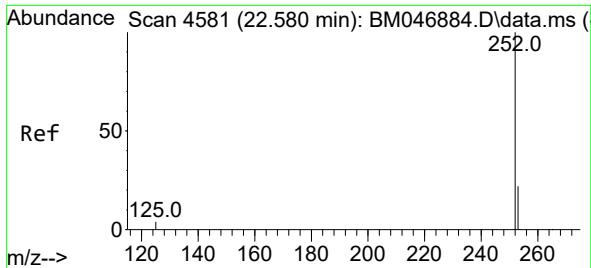
Ion Ratio Lower Upper

228 100

226 32.6 24.5 36.7

229 25.7 16.2 24.2#

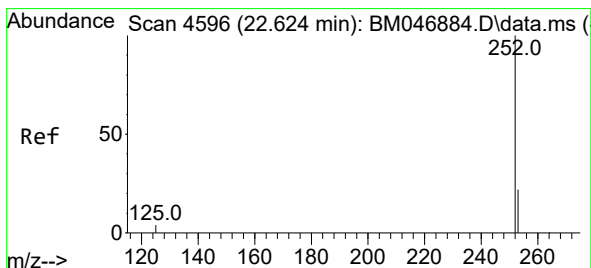
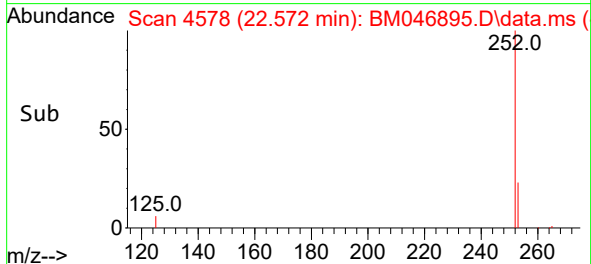
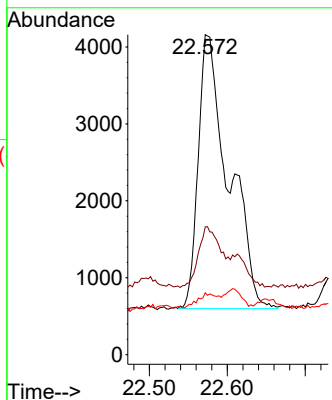
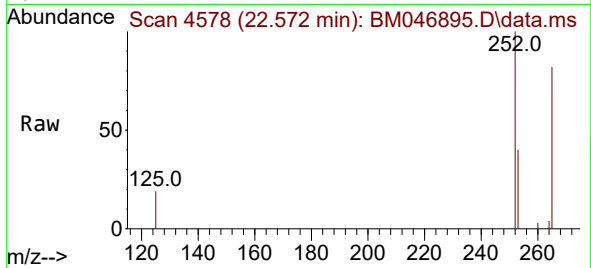




#24
Benzo(b)fluoranthene
Concen: 0.252 ng/ul
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

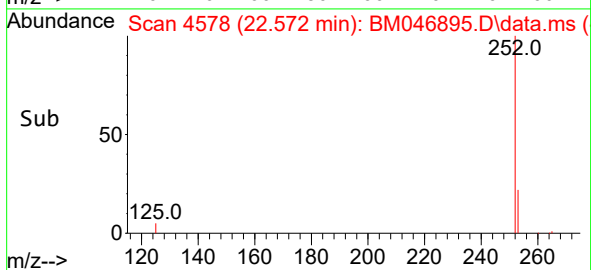
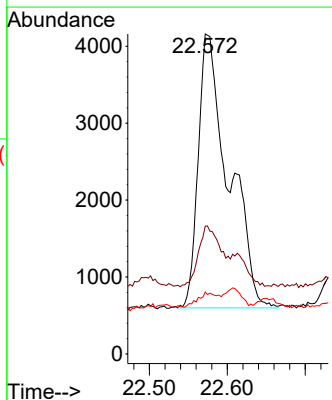
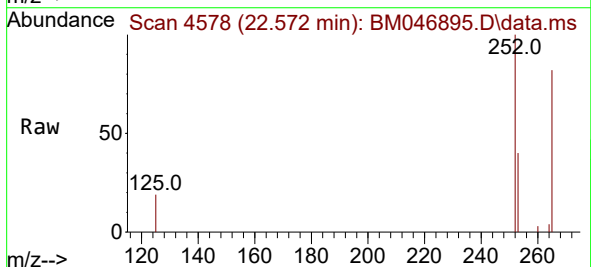
Instrument :
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F7E22

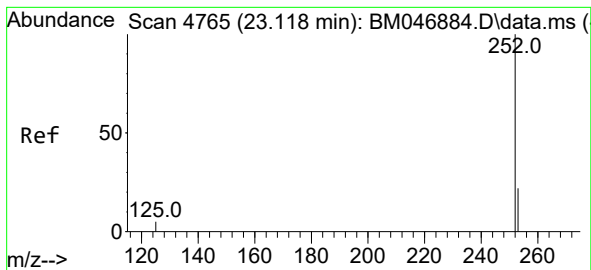
Tgt Ion:252 Resp: 9655
Ion Ratio Lower Upper
252 100
253 40.0 0.0 56.4
125 19.4 0.0 15.8#



#25
Benzo(k)fluoranthene
Concen: 0.250 ng/ul
RT: 22.572 min Scan# 4578
Delta R.T. -0.050 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

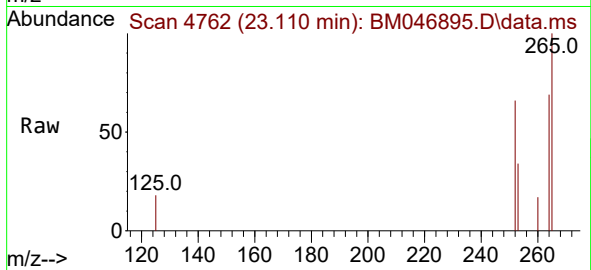
Tgt Ion:252 Resp: 9655
Ion Ratio Lower Upper
252 100
253 40.0 23.5 35.3#
125 19.4 8.6 13.0#



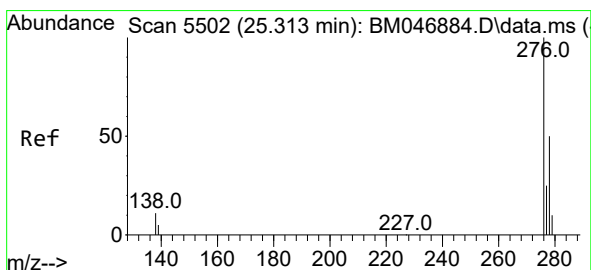
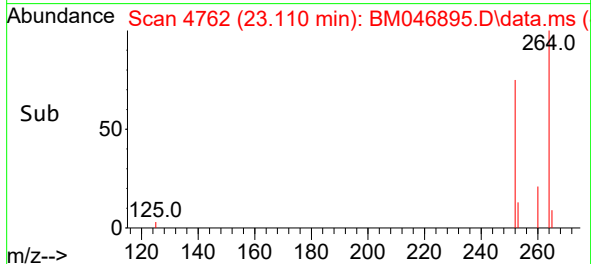
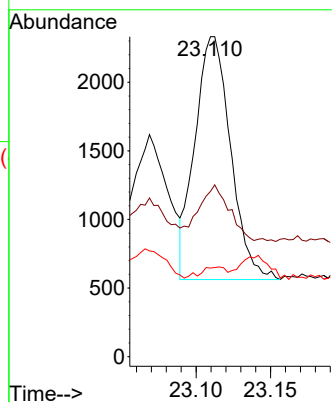


#26
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.110 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

Instrument :
BNA_M
ClientSampleId :
F7E22

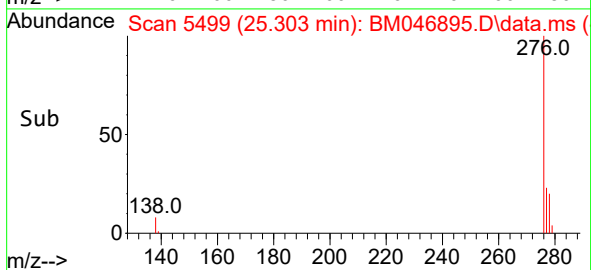
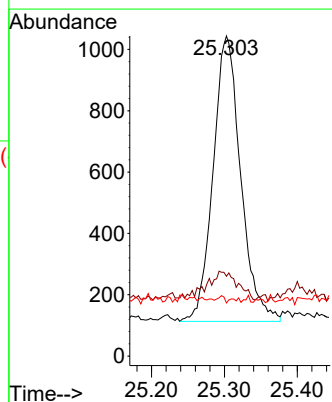
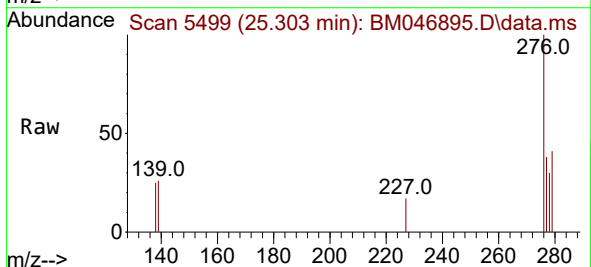


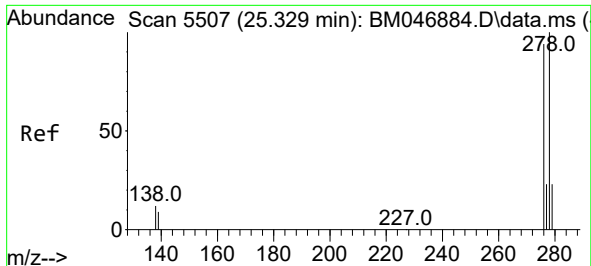
Tgt Ion:252 Resp: 2949
Ion Ratio Lower Upper
252 100
253 51.6 26.0 39.0#
125 27.7 7.8 11.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng/ul
RT: 25.303 min Scan# 5499
Delta R.T. -0.013 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

Tgt Ion:276 Resp: 2449
Ion Ratio Lower Upper
276 100
138 7.8 9.7 14.5#
227 0.6 0.2 0.2#

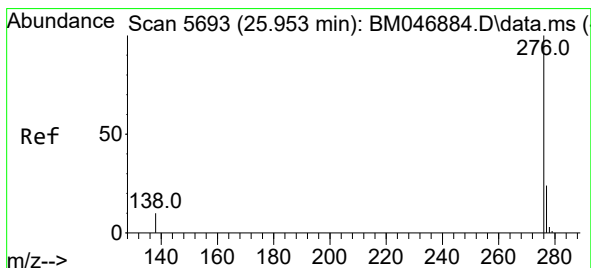
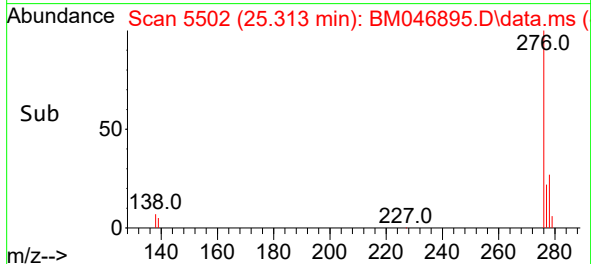
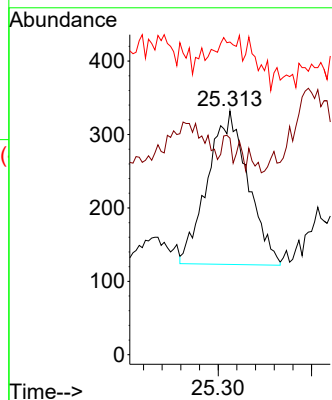
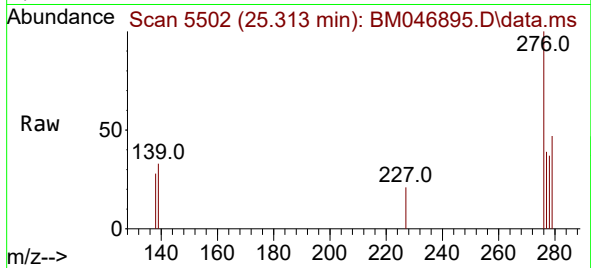




#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 25.313 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

Instrument :
BNA_M
ClientSampleId :
F7E22

Tgt Ion:278 Resp: 628
Ion Ratio Lower Upper
278 100
139 88.9 9.8 14.8#
279 128.3 25.2 37.8#



#29
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 25.940 min Scan# 5689
Delta R.T. -0.013 min
Lab File: BM046895.D
Acq: 29 Jul 2024 22:13

Tgt Ion:276 Resp: 2162
Ion Ratio Lower Upper
276 100
138 30.7 9.5 14.3#
277 40.6 20.9 31.3#

