

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045622.D
 Acq On : 29 Apr 2024 16:36
 Operator : MA/JU
 Sample : P2154-03DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA392DL

Quant Time: Apr 29 17:12:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

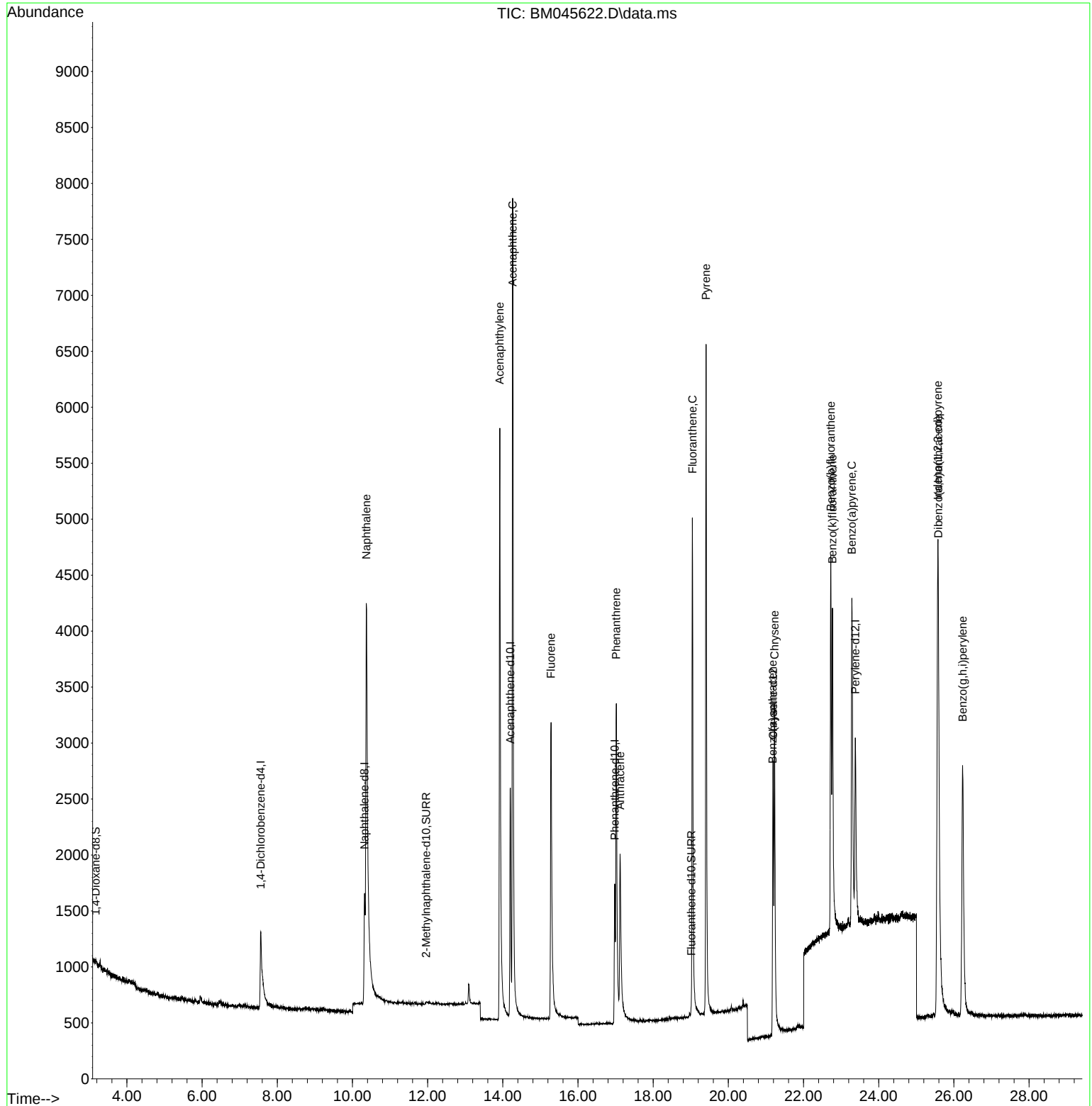
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	929	0.400	ng/ul	0.00
4) Naphthalene-d8	10.320	136	2886	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.200	164	1445	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.976	188	2332	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	1823	0.400	ng/ul	0.00
23) Perylene-d12	23.376	264	2666	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	43	0.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	78	0.020	ng/ul	0.03
18) Fluoranthene-d10	19.015	212	139	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	9827	1.268	ng/ul#	90
10) Acenaphthylene	13.918	152	8970	1.259	ng/ul#	94
11) Acenaphthene	14.261	153	5553	1.049	ng/ul	96
12) Fluorene	15.283	166	3024	0.534	ng/ul	98
15) Phenanthrene	17.018	178	4221	0.622	ng/ul	98
16) Anthracene	17.119	178	3296	0.519	ng/ul	97
19) Fluoranthene	19.043	202	5474	0.651	ng/ul#	92
20) Pyrene	19.405	202	6729	0.778	ng/ul#	94
21) Benzo(a)anthracene	21.182	228	1532	0.263	ng/ul	98
22) Chrysene	21.225	228	3530	0.394	ng/ul	99
24) Benzo(b)fluoranthene	22.724	252	4543	0.507	ng/ul	96
25) Benzo(k)fluoranthene	22.768	252	4634	0.409	ng/ul	97
26) Benzo(a)pyrene	23.286	252	5577	0.600	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.572	276	7545	0.558	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.585	278	4777	0.446	ng/ul	93
29) Benzo(g,h,i)perylene	26.232	276	5441	0.448	ng/ul	97

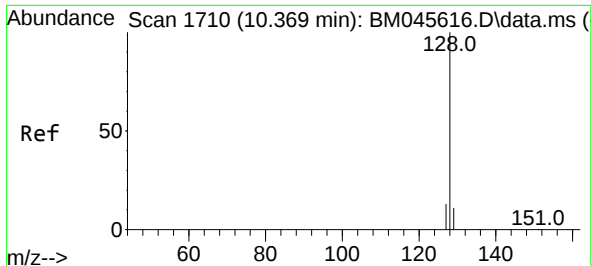
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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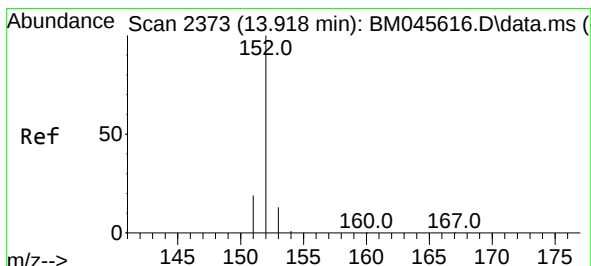
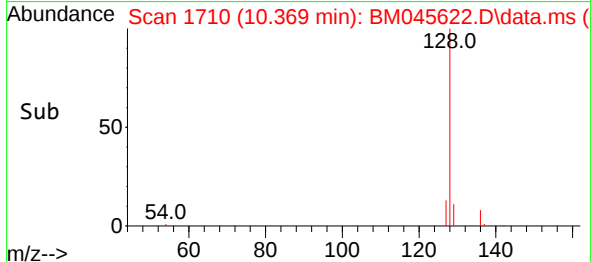
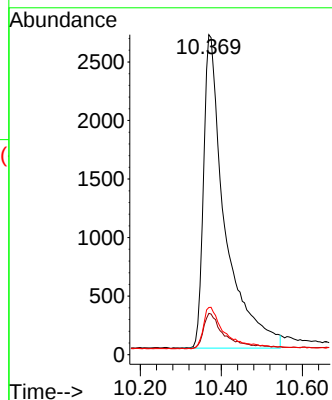
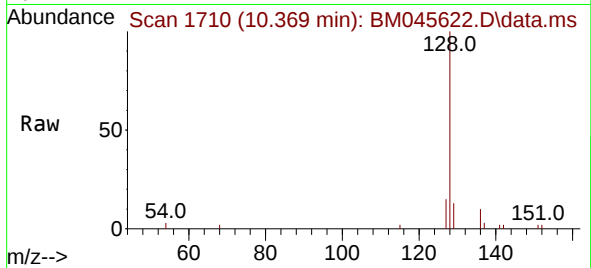




#5
Naphthalene
Concen: 1.268 ng/ul
RT: 10.369 min Scan# 1710
Delta R.T. -0.011 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

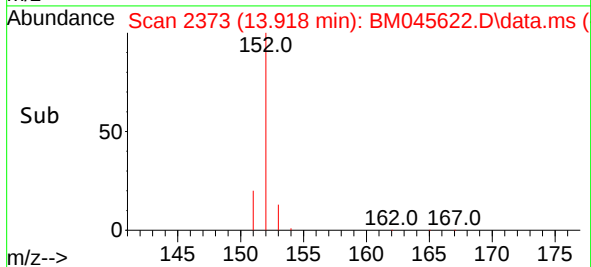
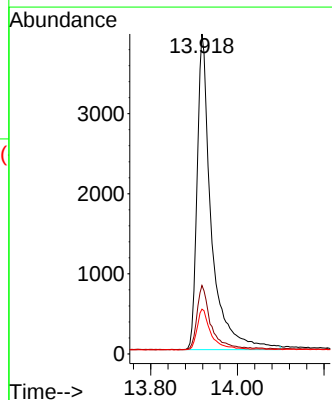
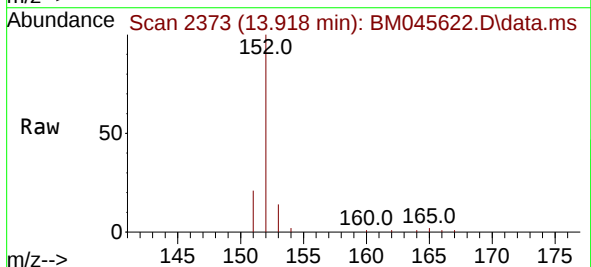
Instrument :
BNA_M
ClientSampleId :
XA392DL

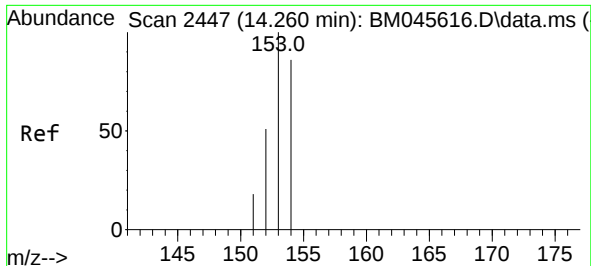
Tgt Ion:128 Resp: 9827
Ion Ratio Lower Upper
128 100
129 12.9 14.0 21.0#
127 14.7 15.4 23.2#



#10
Acenaphthylene
Concen: 1.259 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Tgt Ion:152 Resp: 8970
Ion Ratio Lower Upper
152 100
151 21.4 18.6 28.0
153 14.0 14.1 21.1#

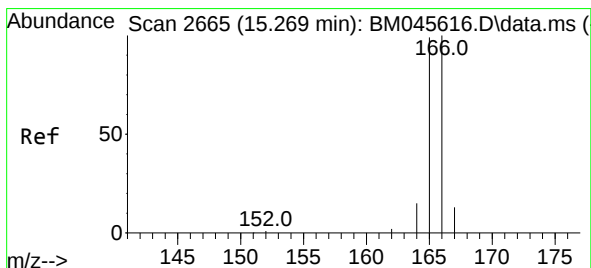
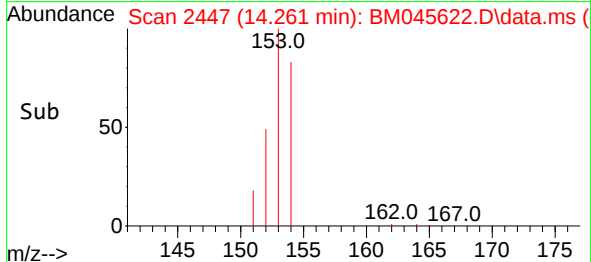
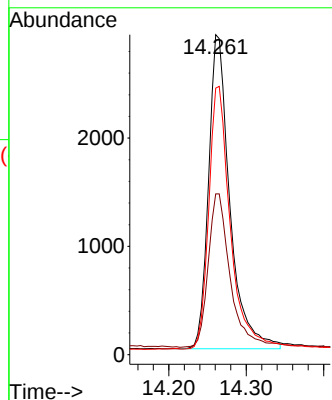
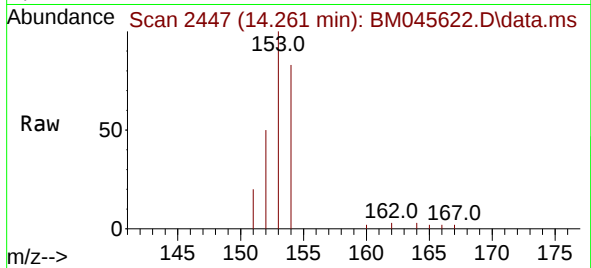




#11
Acenaphthene
Concen: 1.049 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

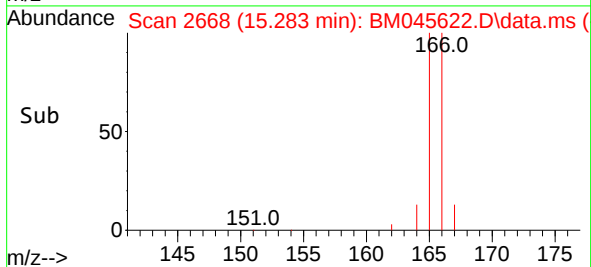
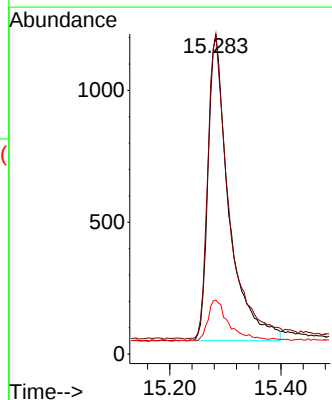
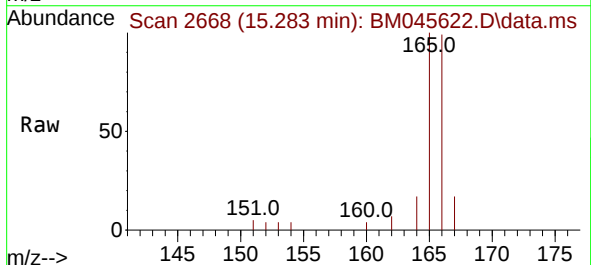
Instrument :
BNA_M
ClientSampleId :
XA392DL

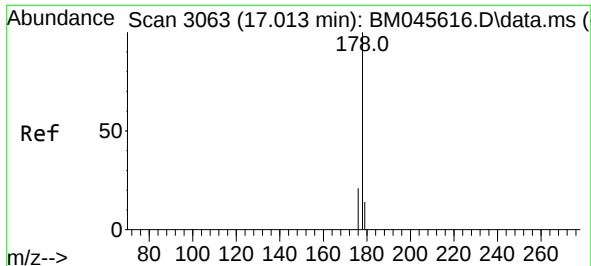
Tgt Ion:153 Resp: 5553
Ion Ratio Lower Upper
153 100
152 50.3 43.4 65.2
154 83.3 69.0 103.6



#12
Fluorene
Concen: 0.534 ng/ul
RT: 15.283 min Scan# 2668
Delta R.T. 0.005 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Tgt Ion:166 Resp: 3024
Ion Ratio Lower Upper
166 100
165 100.6 82.2 123.2
167 17.0 14.8 22.2

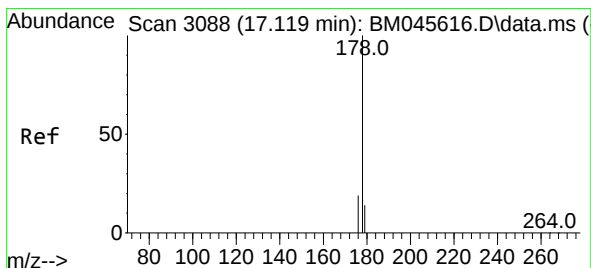
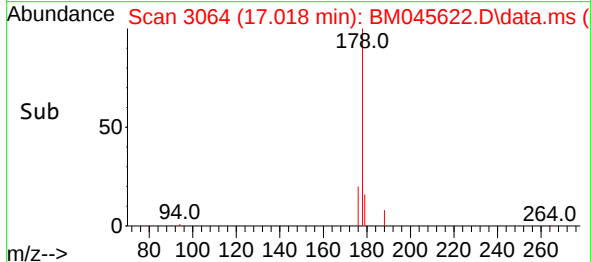
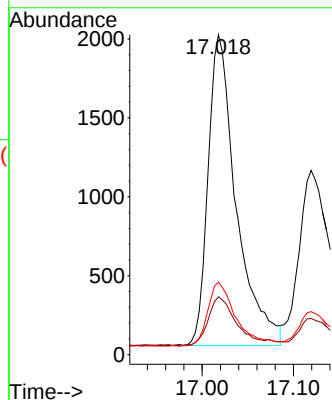
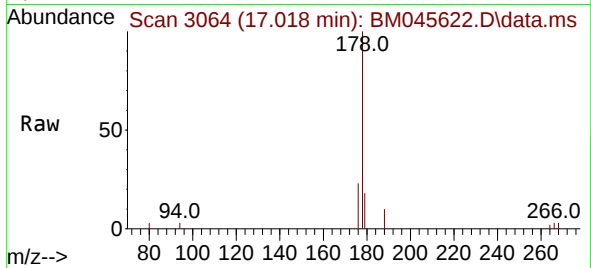




#15
Phenanthrene
Concen: 0.622 ng/ul
RT: 17.018 min Scan# 3064
Delta R.T. -0.004 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

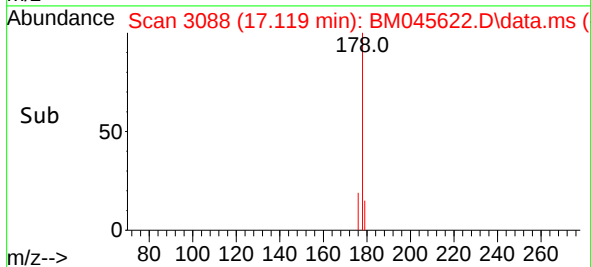
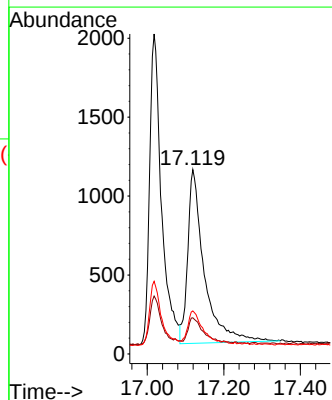
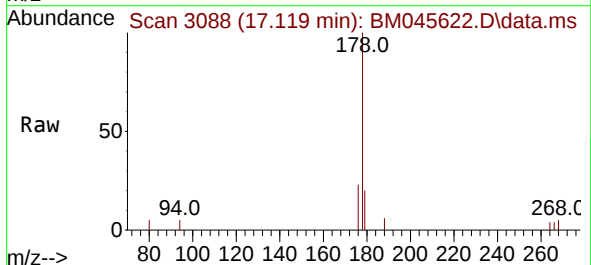
Instrument :
BNA_M
ClientSampleId :
XA392DL

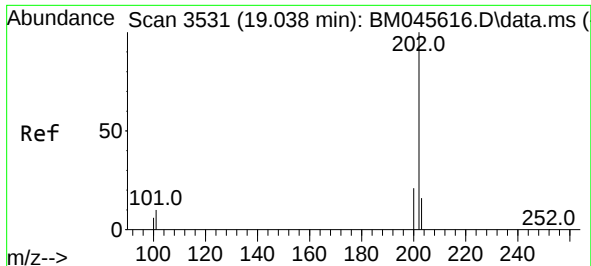
Tgt Ion:178 Resp: 4221
Ion Ratio Lower Upper
178 100
179 18.1 15.4 23.2
176 22.7 19.0 28.4



#16
Anthracene
Concen: 0.519 ng/ul
RT: 17.119 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Tgt Ion:178 Resp: 3296
Ion Ratio Lower Upper
178 100
179 19.6 17.8 26.6
176 23.4 18.7 28.1

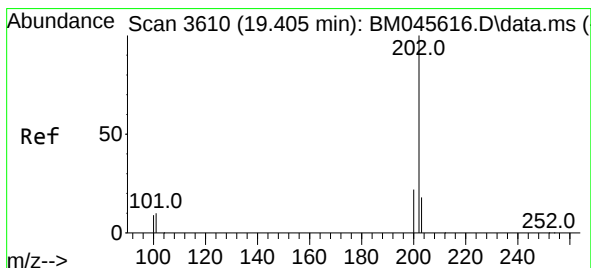
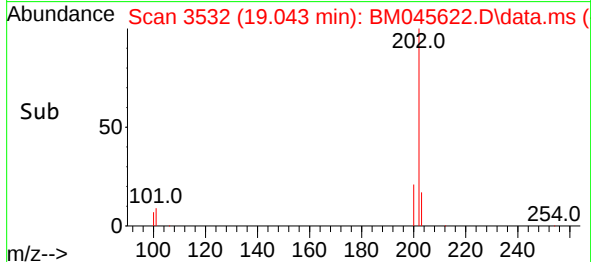
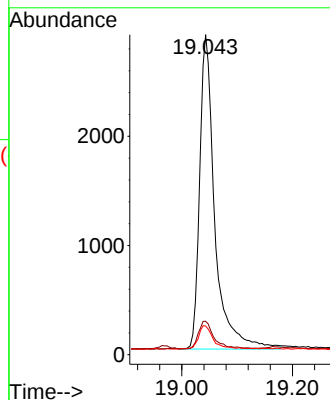
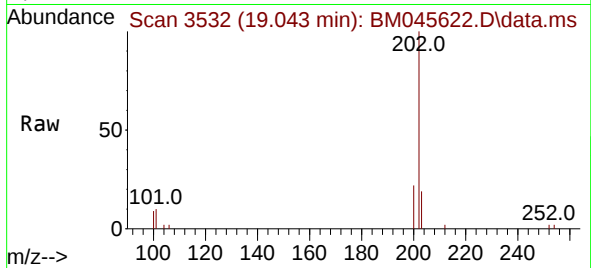




#19
Fluoranthene
Concen: 0.651 ng/ul
RT: 19.043 min Scan# 3531
Delta R.T. -0.004 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

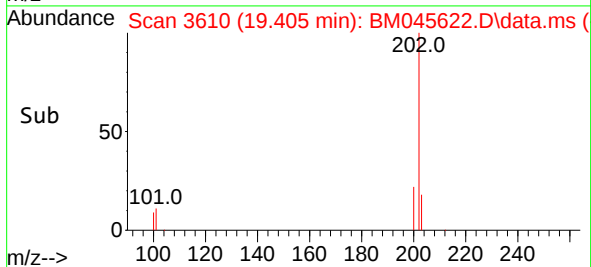
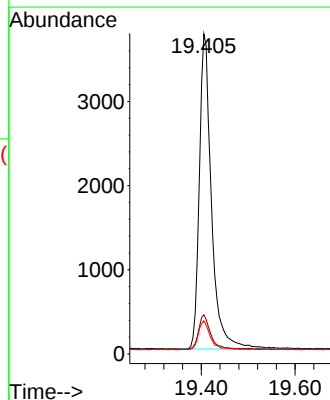
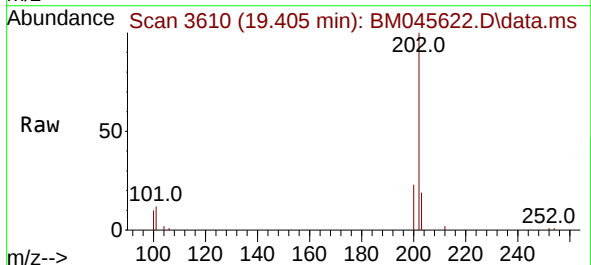
Instrument :
BNA_M
ClientSampleId :
XA392DL

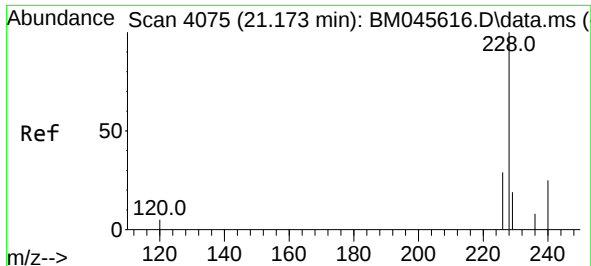
Tgt Ion:202 Resp: 5474
Ion Ratio Lower Upper
202 100
101 10.4 11.2 16.8#
100 8.9 9.1 13.7#



#20
Pyrene
Concen: 0.778 ng/ul
RT: 19.405 min Scan# 3610
Delta R.T. -0.009 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

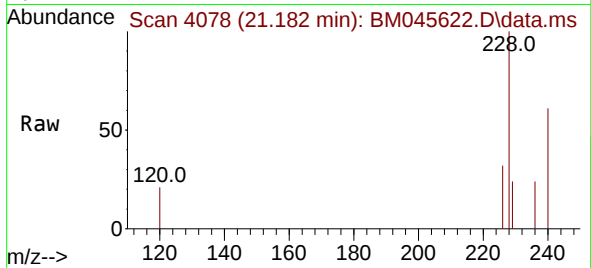
Tgt Ion:202 Resp: 6729
Ion Ratio Lower Upper
202 100
101 12.2 11.5 17.3
100 10.4 10.6 15.8#



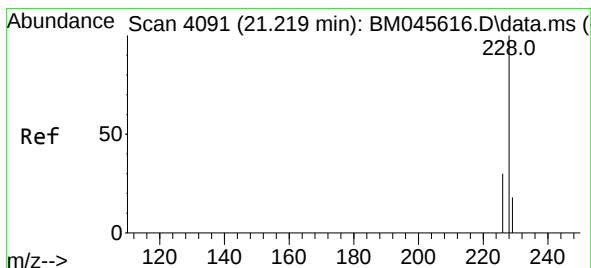
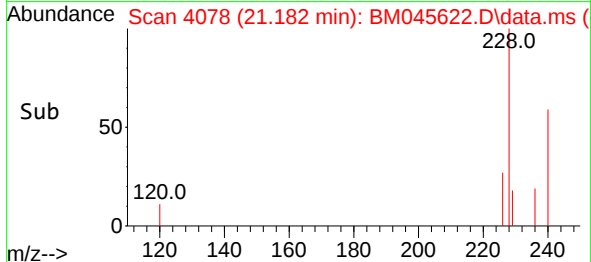
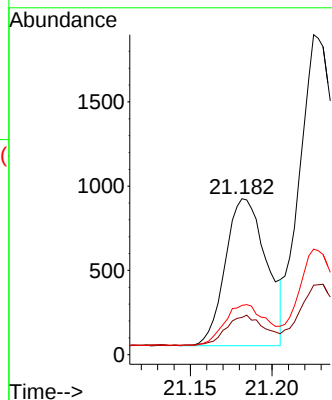


#21
Benzo(a)anthracene
Concen: 0.263 ng/u1
RT: 21.182 min Scan# 4078
Delta R.T. 0.000 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Instrument :
BNA_M
ClientSampleId :
XA392DL

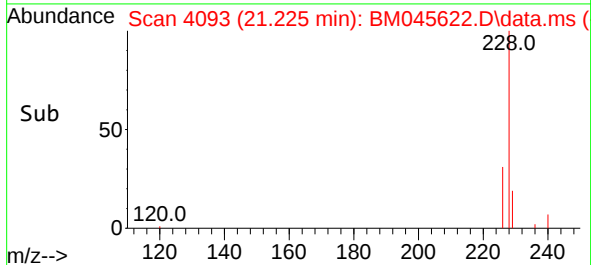
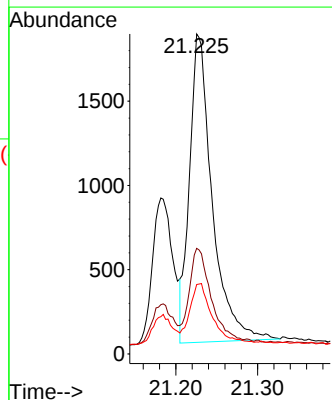
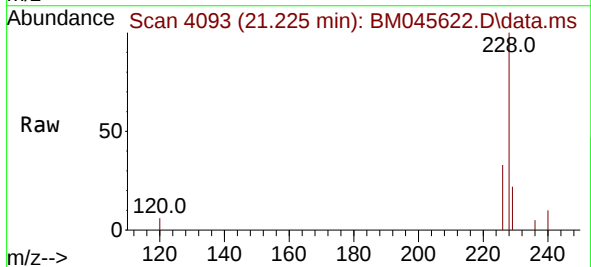


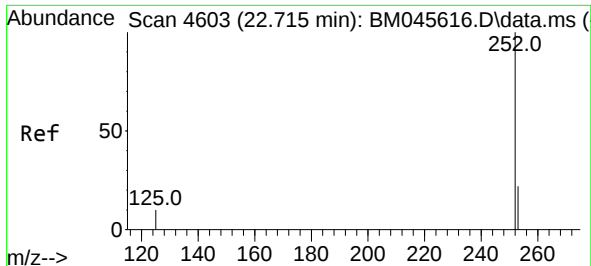
Tgt Ion:228 Resp: 1532
Ion Ratio Lower Upper
228 100
229 23.9 19.4 29.2
226 31.5 26.3 39.5



#22
Chrysene
Concen: 0.394 ng/u1
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

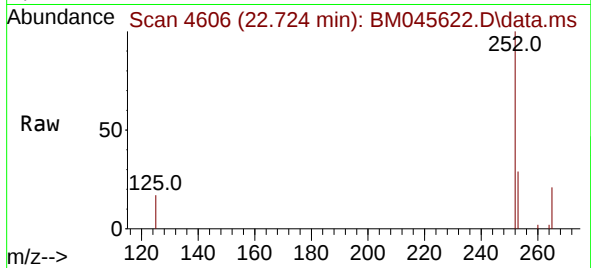
Tgt Ion:228 Resp: 3530
Ion Ratio Lower Upper
228 100
226 33.0 26.3 39.5
229 21.7 17.8 26.8



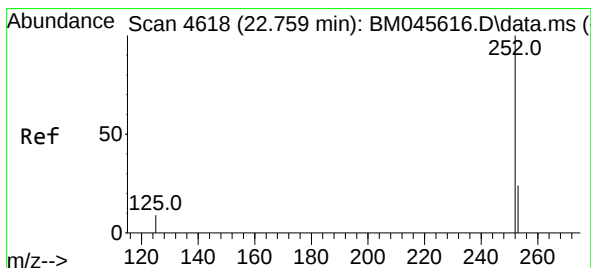
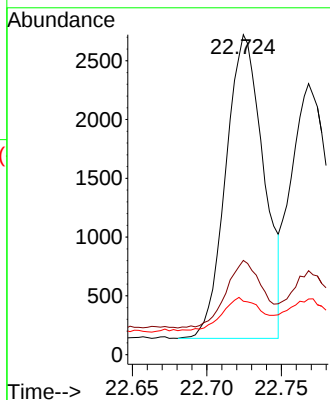


#24
Benzo(b)fluoranthene
Concen: 0.507 ng/ul
RT: 22.724 min Scan# 4606
Delta R.T. -0.006 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Instrument :
BNA_M
ClientSampleId :
XA392DL

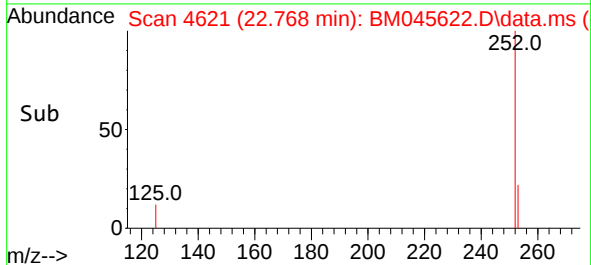
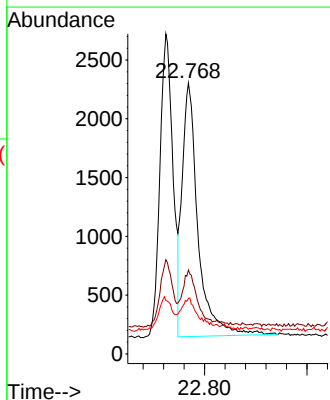
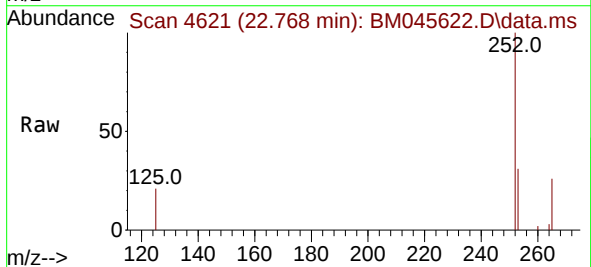


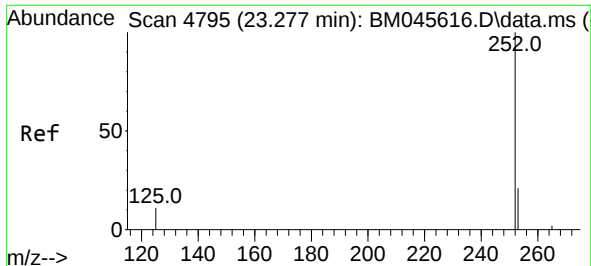
Tgt Ion:252 Resp: 4543
Ion Ratio Lower Upper
252 100
253 29.4 0.0 63.4
125 16.7 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul
RT: 22.768 min Scan# 4621
Delta R.T. -0.003 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

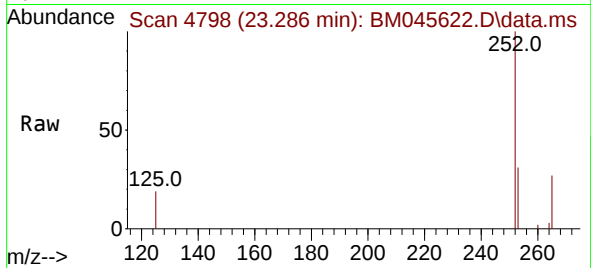
Tgt Ion:252 Resp: 4634
Ion Ratio Lower Upper
252 100
253 31.0 25.4 38.0
125 20.6 14.8 22.2



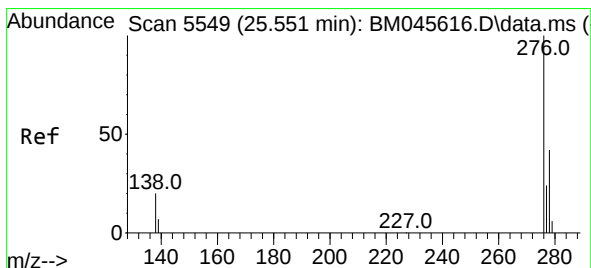
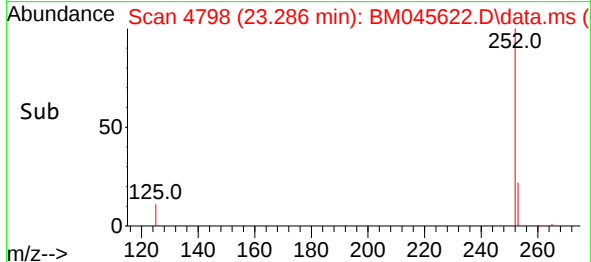
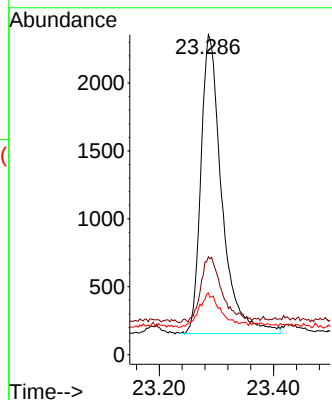


#26
Benzo(a)pyrene
Concen: 0.600 ng/ul
RT: 23.286 min Scan# 4795
Delta R.T. -0.006 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Instrument :
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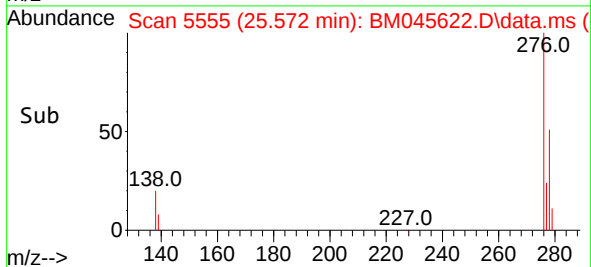
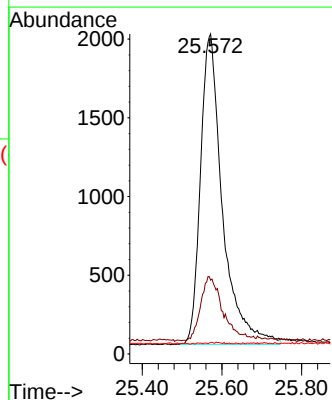
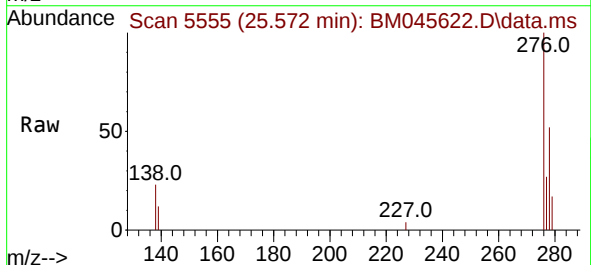


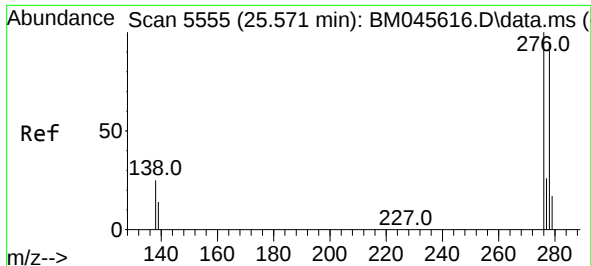
Tgt Ion:252 Resp: 5577
Ion Ratio Lower Upper
252 100
253 30.6 31.6 47.4#
125 19.3 19.5 29.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng/ul
RT: 25.572 min Scan# 5555
Delta R.T. 0.000 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Tgt Ion:276 Resp: 7545
Ion Ratio Lower Upper
276 100
138 21.0 19.8 29.6
227 0.1 0.2 0.2#

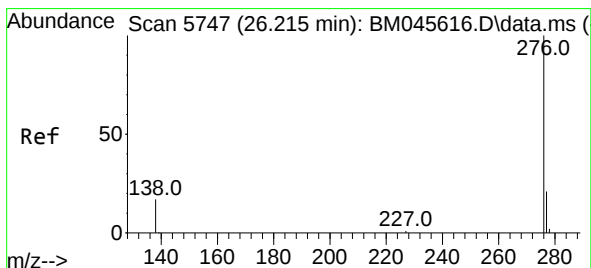
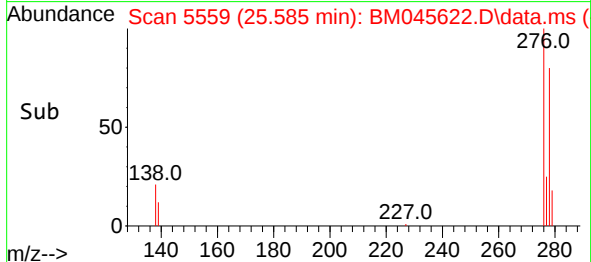
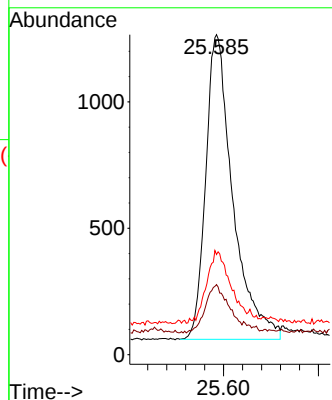
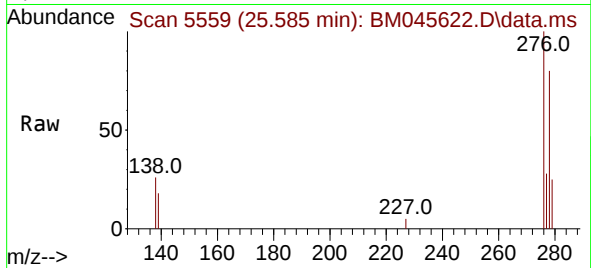




#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 25.585 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Instrument :
BNA_M
ClientSampleId :
XA392DL

Tgt Ion:278 Resp: 4777
Ion Ratio Lower Upper
278 100
139 21.9 19.0 28.6
279 31.3 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 26.232 min Scan# 5752
Delta R.T. -0.003 min
Lab File: BM045622.D
Acq: 29 Apr 2024 16:36

Tgt Ion:276 Resp: 5441
Ion Ratio Lower Upper
276 100
138 23.3 20.8 31.2
277 26.5 21.8 32.8

