

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042643.D
 Acq On : 08 Nov 2023 10:44
 Operator : MA/JU
 Sample : 05168-03DL 5X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA014DL

Quant Time: Nov 08 11:13:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

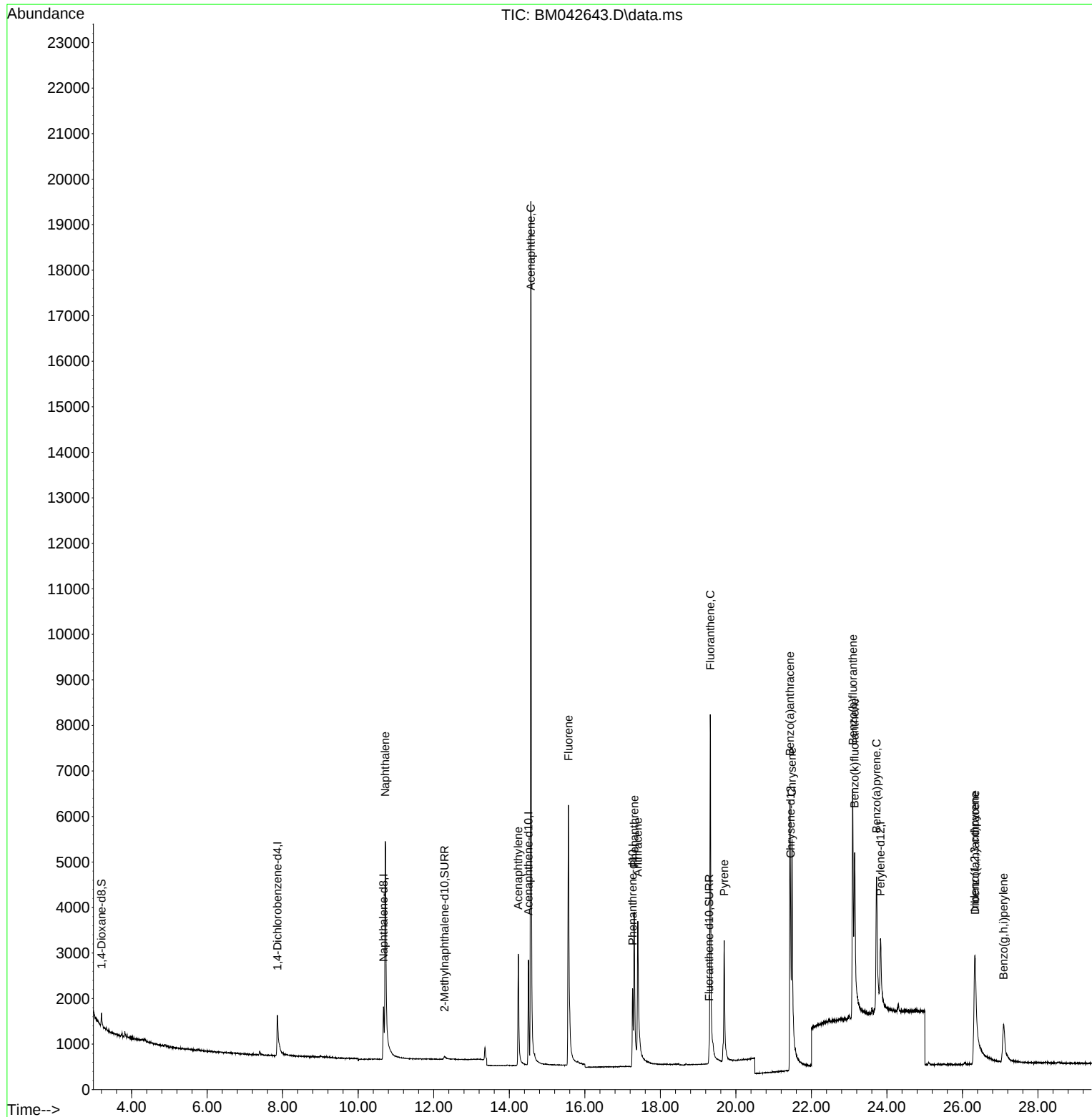
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	938	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.667	136	2290	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.507	164	1324	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.268	188	2559	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	2227	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	2573	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	206	0.166	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.284	152	224	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	591	0.077	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	9678	1.309	ng/ul	95
10) Acenaphthylene	14.238	152	3733	0.412	ng/ul	99
11) Acenaphthene	14.571	153	12245	1.992	ng/ul	99
12) Fluorene	15.566	166	5665	0.803	ng/ul	99
15) Phenanthrene	17.310	178	4648	0.468	ng/ul	99
16) Anthracene	17.403	178	5285	0.589	ng/ul	99
19) Fluoranthene	19.323	202	8809	0.633	ng/ul	97
20) Pyrene	19.690	202	3073	0.201	ng/ul	98
21) Benzo(a)anthracene	21.432	228	6392	0.645	ng/ul	99
22) Chrysene	21.484	228	5444	0.531	ng/ul	97
24) Benzo(b)fluoranthene	23.095	252	7785	0.749	ng/ul	88
25) Benzo(k)fluoranthene	23.145	252	5844	0.537	ng/ul#	91
26) Benzo(a)pyrene	23.723	252	7050	0.655	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.325	276	4006	0.286	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.339	278	5410	0.542	ng/ul#	91
29) Benzo(g,h,i)perylene	27.087	276	2785	0.214	ng/ul	94

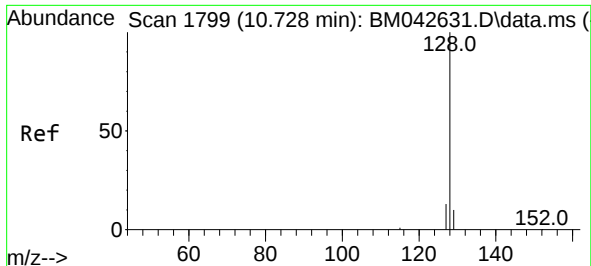
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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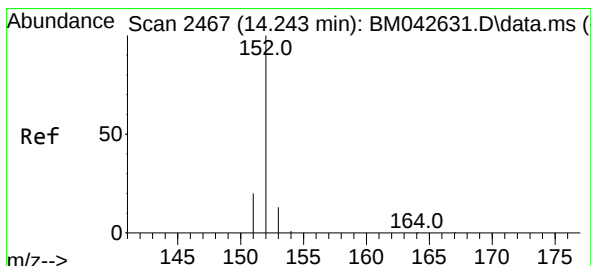
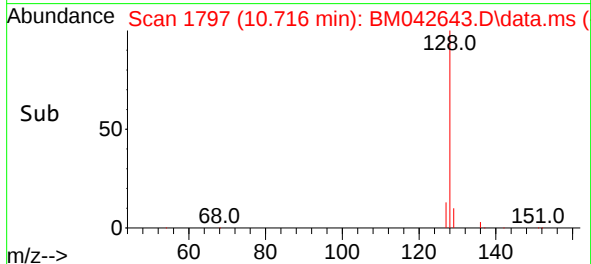
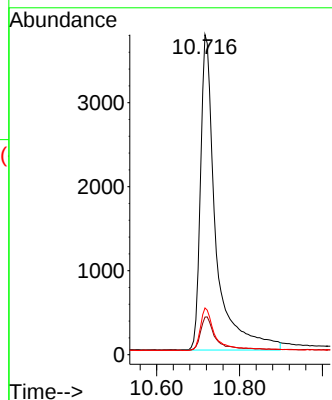
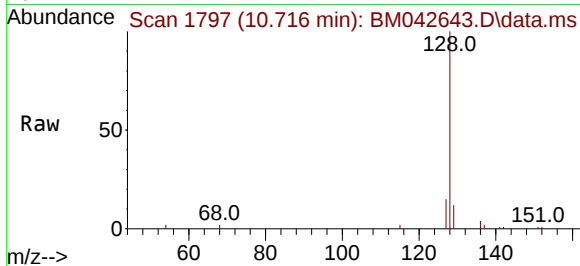




#5
Naphthalene
Concen: 1.309 ng/ul
RT: 10.716 min Scan# 1797
Delta R.T. -0.019 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

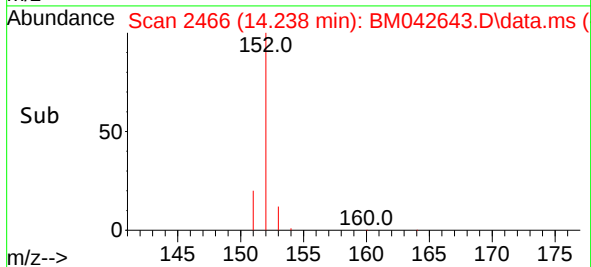
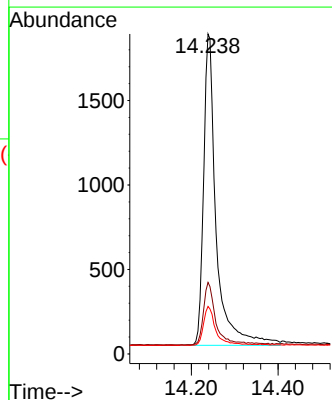
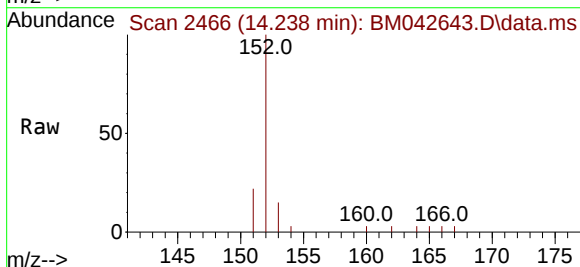
Instrument :
BNA_M
ClientSampleId :
XA014DL

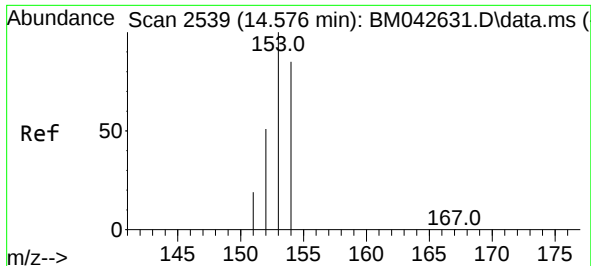
Tgt Ion:	128	Resp:	9678
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.3	16.9
127	14.6	13.0	19.4



#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.007 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

Tgt Ion:	152	Resp:	3733
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.2	25.8
153	14.8	11.8	17.8

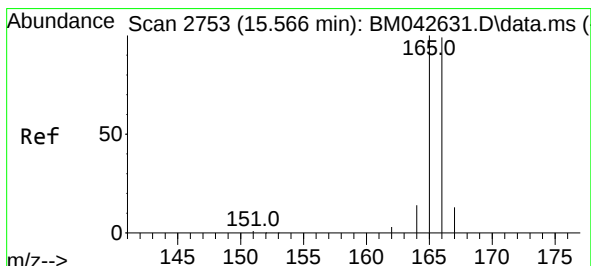
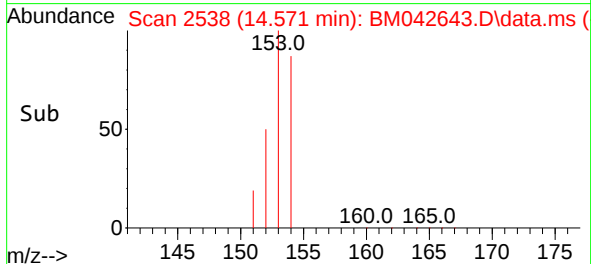
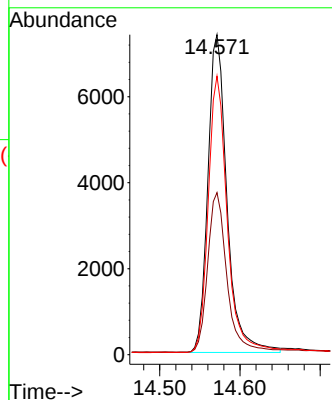
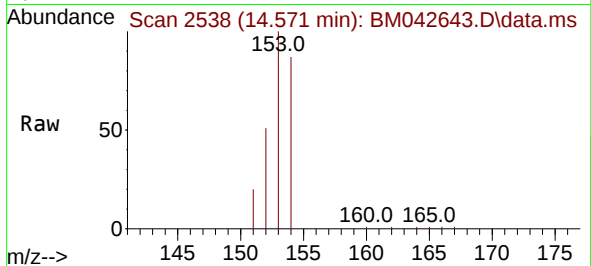




#11
Acenaphthene
Concen: 1.992 ng/ul
RT: 14.571 min Scan# 21
Delta R.T. -0.007 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

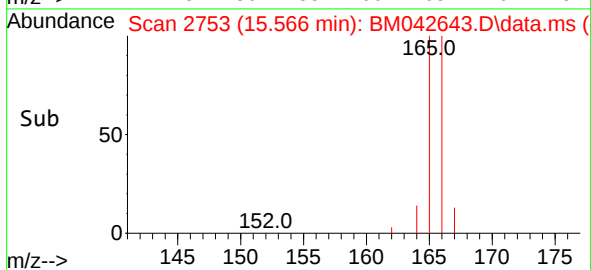
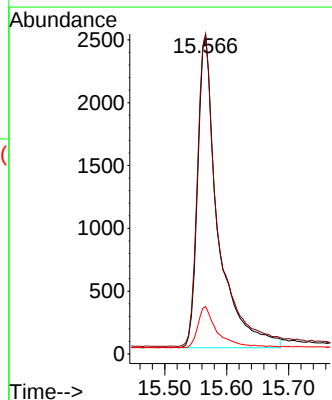
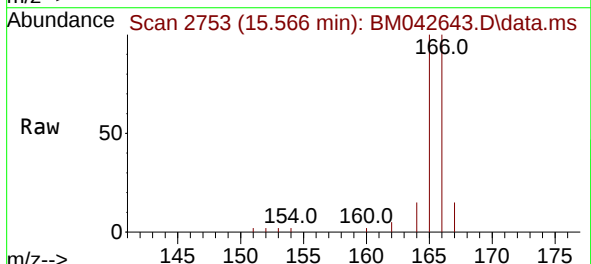
Instrument :
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ClientSampleId :
XA014DL

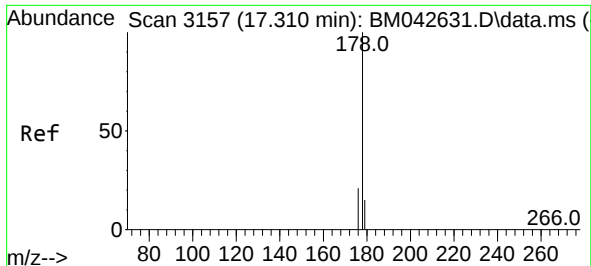
Tgt Ion:153 Resp: 12245
Ion Ratio Lower Upper
153 100
152 50.7 41.8 62.6
154 87.0 69.2 103.8



#12
Fluorene
Concen: 0.803 ng/ul
RT: 15.566 min Scan# 2753
Delta R.T. -0.002 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

Tgt Ion:166 Resp: 5665
Ion Ratio Lower Upper
166 100
165 100.4 81.2 121.8
167 14.9 11.9 17.9

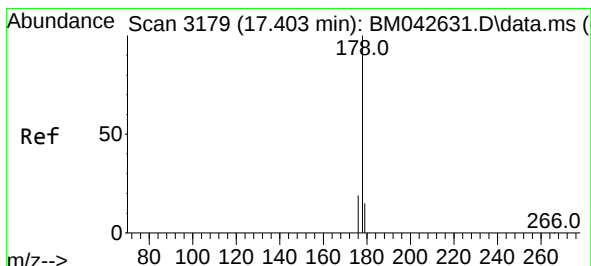
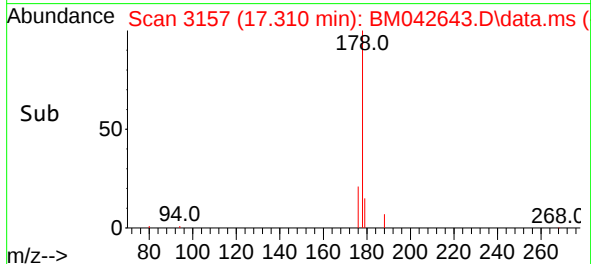
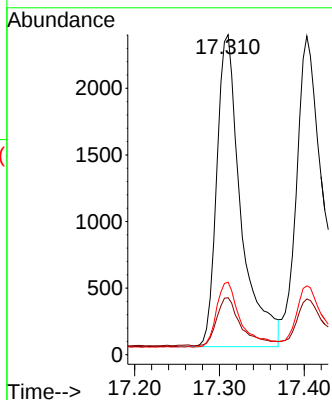
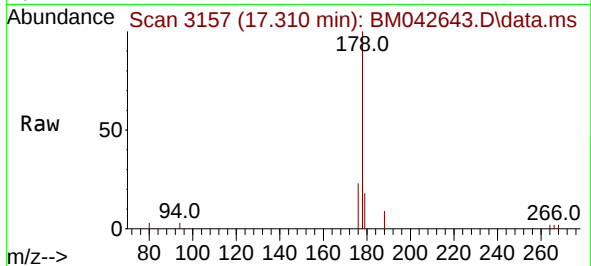




#15
Phenanthrene
Concen: 0.468 ng/ul
RT: 17.310 min Scan# 3157
Delta R.T. -0.002 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

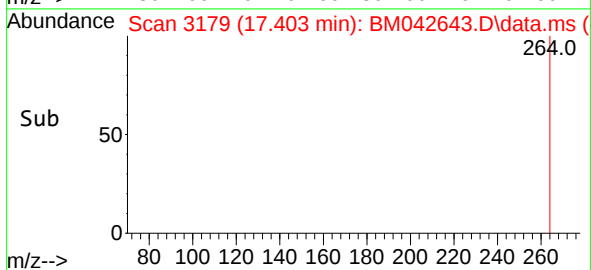
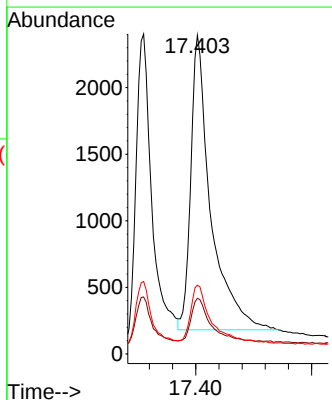
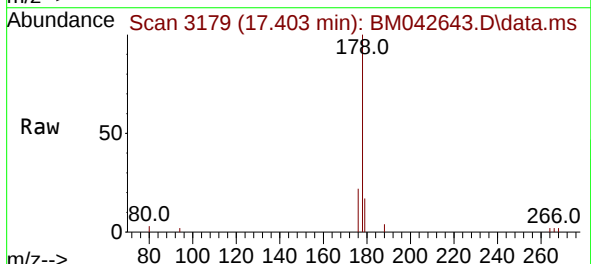
Instrument :
BNA_M
ClientSampleId :
XA014DL

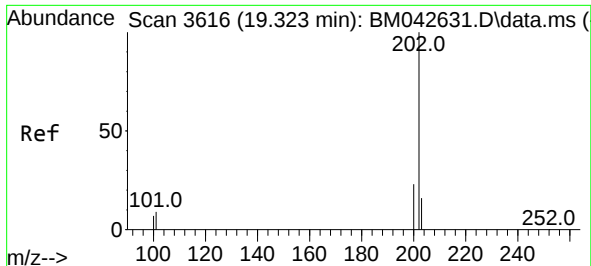
Tgt Ion:	178	Resp:	4648
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.7	20.5
176	22.6	18.2	27.2



#16
Anthracene
Concen: 0.589 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

Tgt Ion:	178	Resp:	5285
Ion Ratio	Lower	Upper	
178	100		
179	17.5	14.2	21.4
176	21.6	17.6	26.4

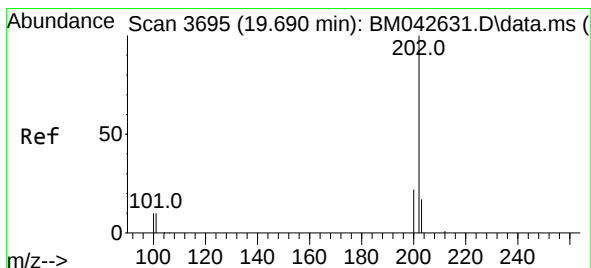
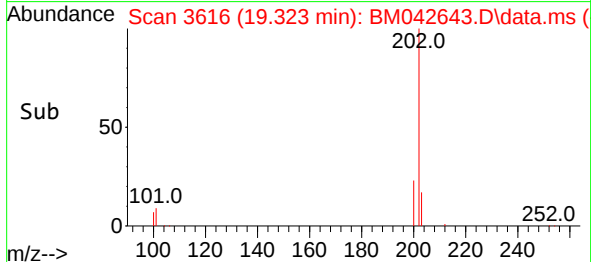
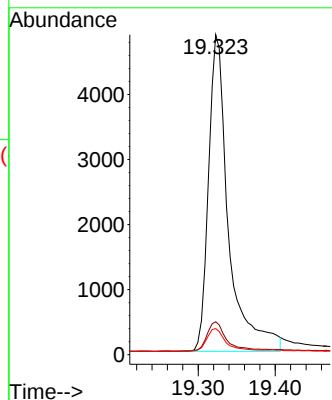
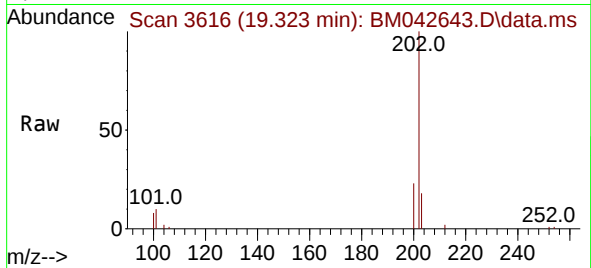




#19
Fluoranthene
Concen: 0.633 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

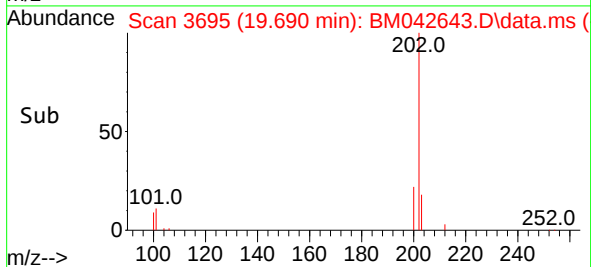
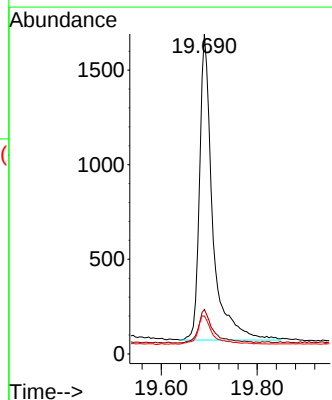
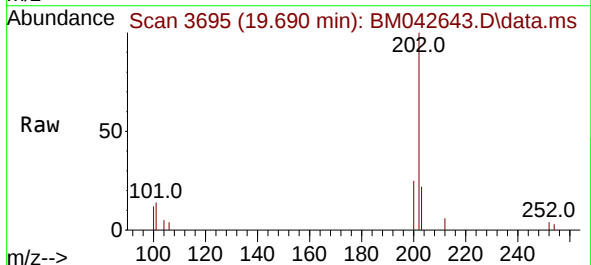
Instrument :
BNA_M
ClientSampleId :
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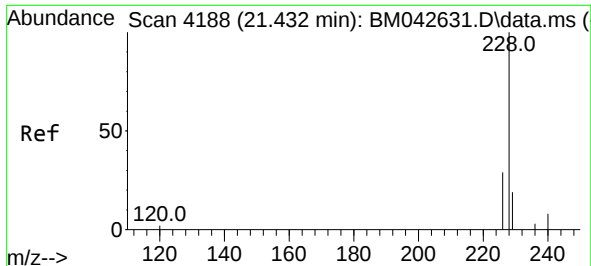
Tgt Ion:202 Resp: 8809
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.6
100 8.1 7.3 10.9



#20
Pyrene
Concen: 0.201 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

Tgt Ion:202 Resp: 3073
Ion Ratio Lower Upper
202 100
101 13.9 10.6 16.0
100 11.8 8.6 13.0

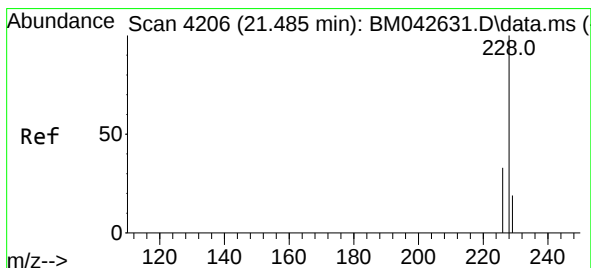
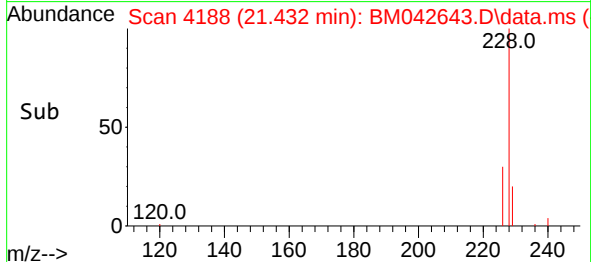
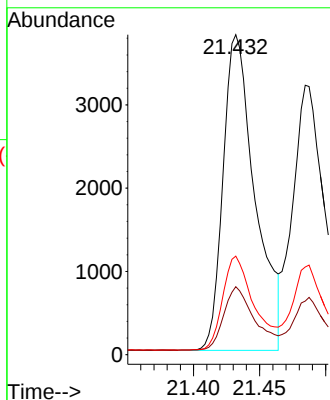
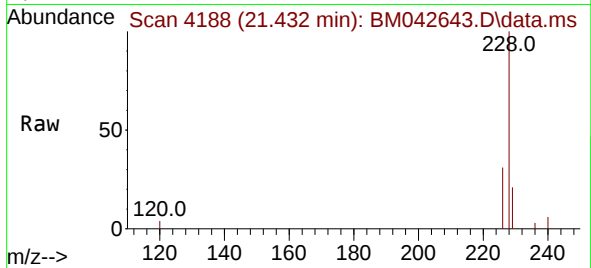




#21
Benzo(a)anthracene
Concen: 0.645 ng/ul
RT: 21.432 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

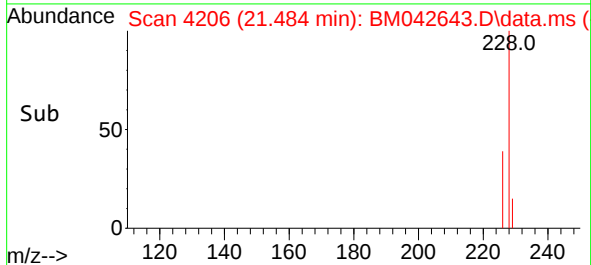
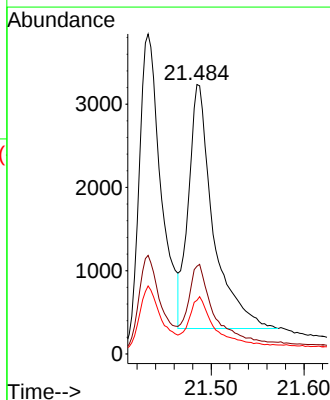
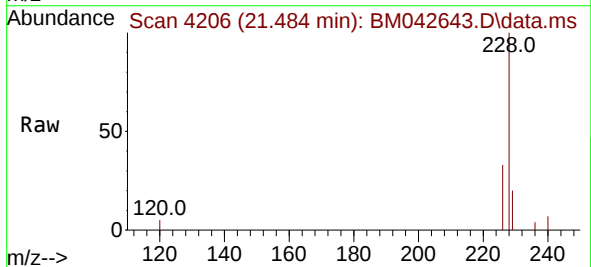
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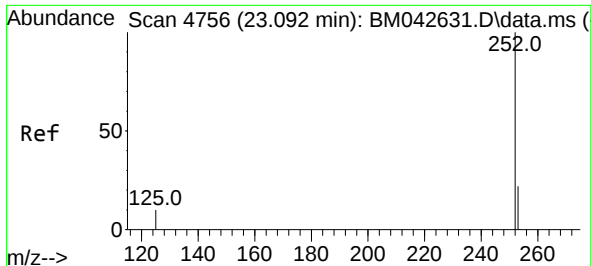
Tgt Ion:228 Resp: 6392
Ion Ratio Lower Upper
228 100
229 21.2 17.0 25.4
226 30.8 25.2 37.8



#22
Chrysene
Concen: 0.531 ng/ul
RT: 21.484 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

Tgt Ion:228 Resp: 5444
Ion Ratio Lower Upper
228 100
226 32.5 27.4 41.0
229 19.9 17.0 25.6

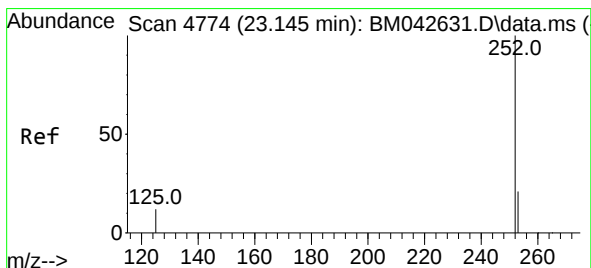
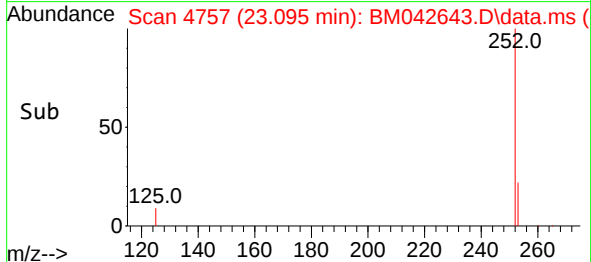
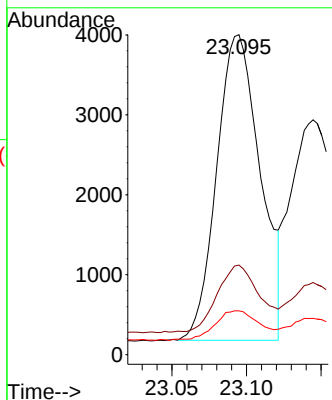
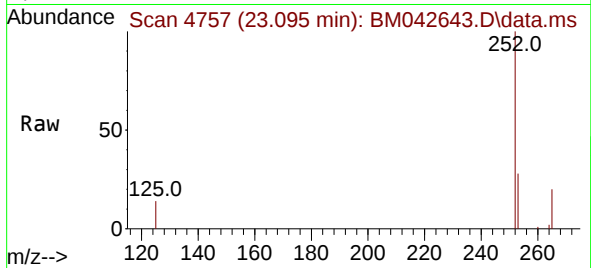




#24
Benzo(b)fluoranthene
Concen: 0.749 ng/ul
RT: 23.095 min Scan# 4756
Delta R.T. -0.005 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

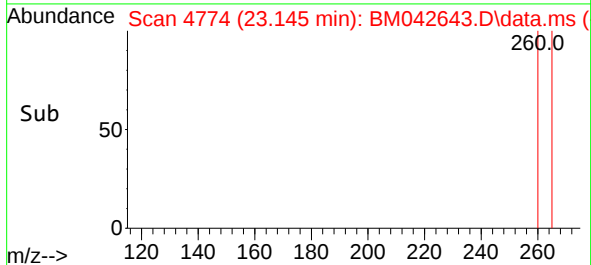
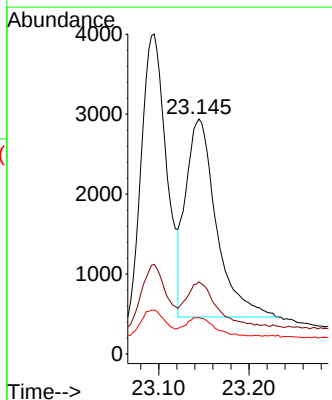
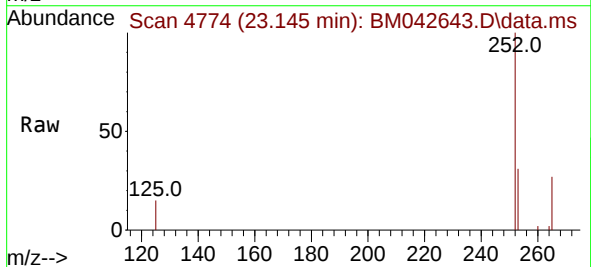
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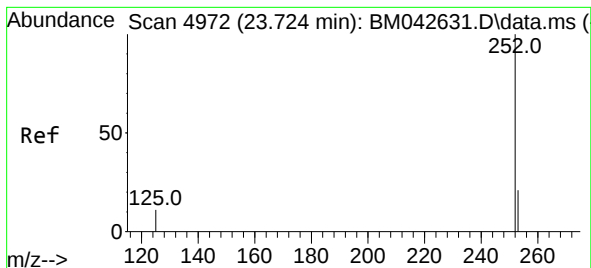
Tgt Ion:252 Resp: 7785
Ion Ratio Lower Upper
252 100
253 28.0 0.0 65.8
125 13.7 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.537 ng/ul
RT: 23.145 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

Tgt Ion:252 Resp: 5844
Ion Ratio Lower Upper
252 100
253 30.7 27.0 40.6
125 15.5 17.5 26.3#





#26

Benzo(a)pyrene

Concen: 0.655 ng/ul

RT: 23.723 min Scan# 4972

Delta R.T. -0.011 min

Lab File: BM042643.D

Acq: 08 Nov 2023 10:44

Instrument :

BNA_M

ClientSampleId :

XA014DL

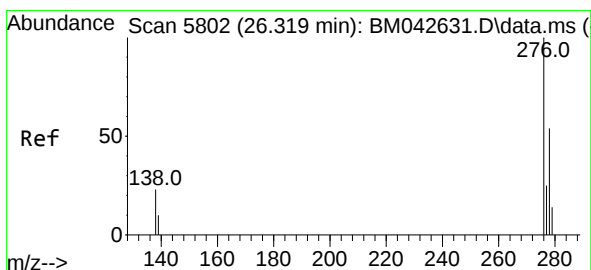
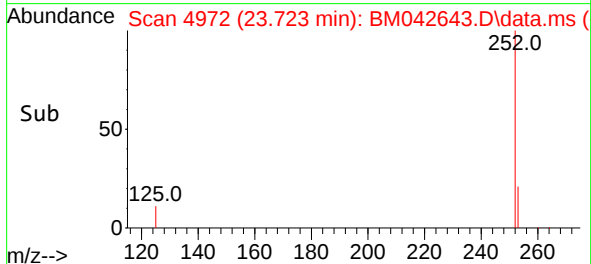
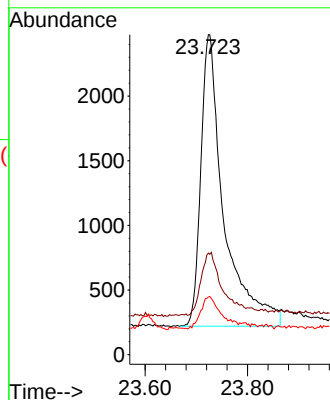
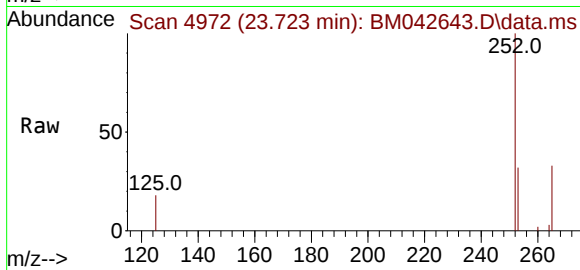
Tgt Ion:252 Resp: 7050

Ion Ratio Lower Upper

252 100

253 31.8 31.7 47.5

125 18.0 22.1 33.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.286 ng/ul

RT: 26.325 min Scan# 5804

Delta R.T. -0.002 min

Lab File: BM042643.D

Acq: 08 Nov 2023 10:44

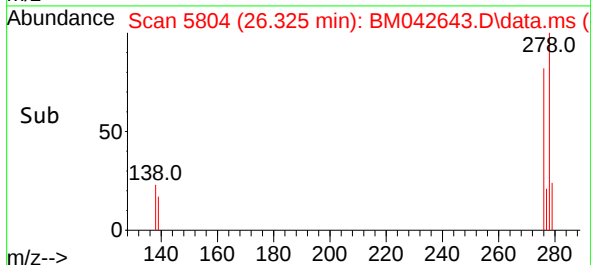
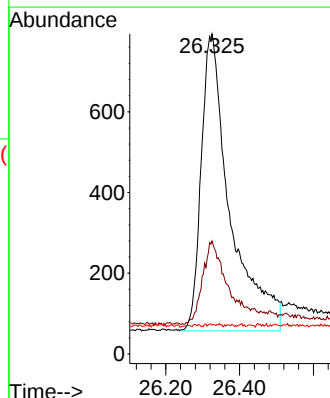
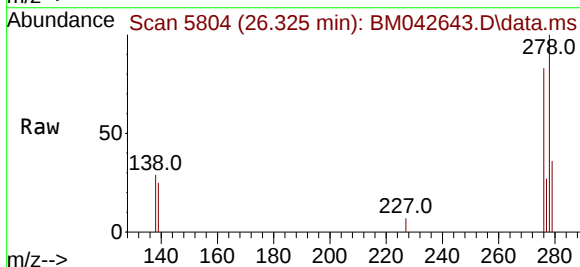
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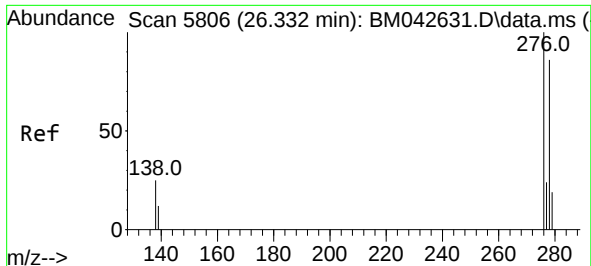
Ion Ratio Lower Upper

276 100

138 27.5 20.7 31.1

227 0.1 0.1 0.1#

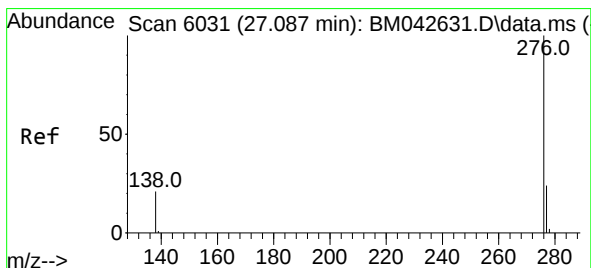
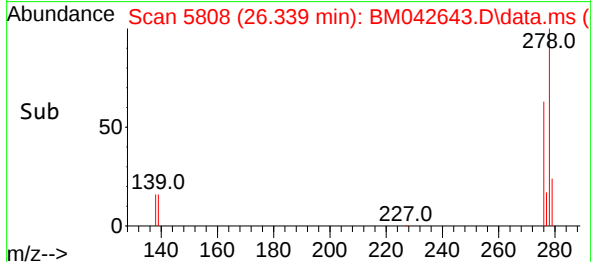
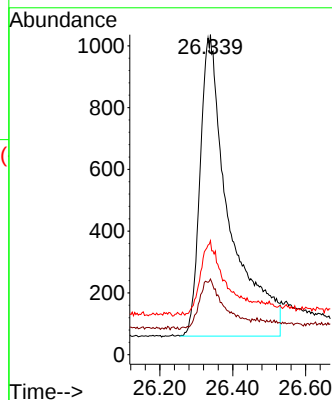
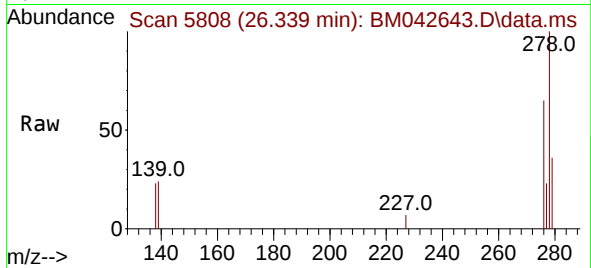




#28
Dibenzo(a,h)anthracene
Concen: 0.542 ng/ul
RT: 26.339 min Scan# 5806
Delta R.T. -0.009 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

Instrument :
BNA_M
ClientSampleId :
XA014DL

Tgt Ion:278 Resp: 5410
Ion Ratio Lower Upper
278 100
139 23.6 24.3 36.5#
279 35.6 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.214 ng/ul
RT: 27.087 min Scan# 6031
Delta R.T. -0.019 min
Lab File: BM042643.D
Acq: 08 Nov 2023 10:44

Tgt Ion:276 Resp: 2785
Ion Ratio Lower Upper
276 100
138 30.3 22.3 33.5
277 33.0 23.6 35.4

