

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042644.D
 Acq On : 08 Nov 2023 11:36
 Operator : MA/JU
 Sample : 05168-03DL2 10X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA014DL2

Quant Time: Nov 08 12:07:47 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)

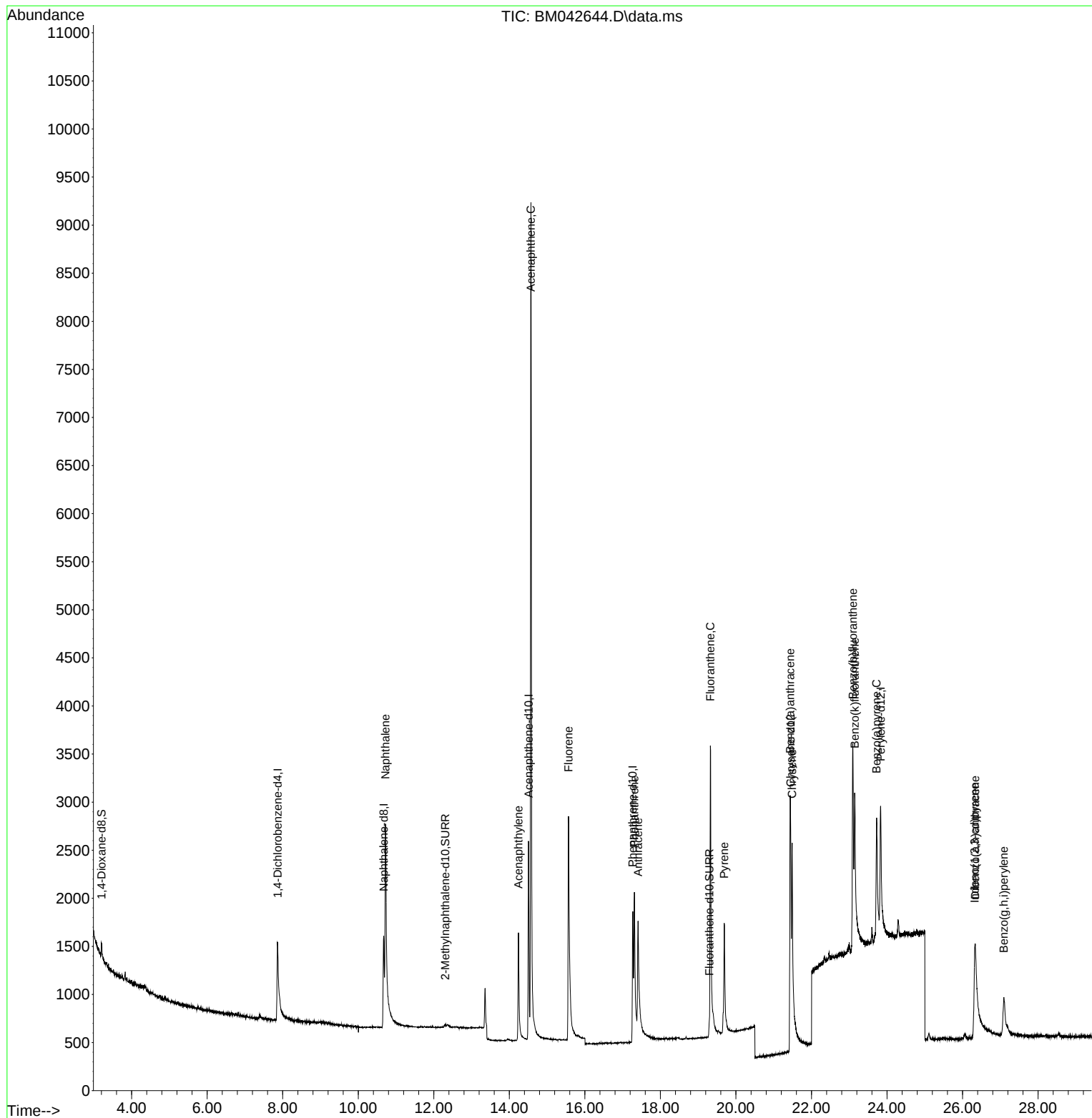
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	1003	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	2228	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1267	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	2264	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	1935	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	2257	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	115	0.087	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.300	152	105	0.034	ng/ul	0.03
18) Fluoranthene-d10	19.295	212	272	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.722	128	4735	0.658	ng/ul	99
10) Acenaphthylene	14.243	152	1817	0.210	ng/ul#	93
11) Acenaphthene	14.571	153	5917	1.006	ng/ul	99
12) Fluorene	15.566	166	2622	0.389	ng/ul	97
15) Phenanthrene	17.310	178	2143	0.244	ng/ul	95
16) Anthracene	17.407	178	2282	0.287	ng/ul	94
19) Fluoranthene	19.323	202	3900	0.322	ng/ul	99
20) Pyrene	19.690	202	1414	0.106	ng/ul#	89
21) Benzo(a)anthracene	21.435	228	2674	0.310	ng/ul	98
22) Chrysene	21.487	228	2364	0.266	ng/ul	97
24) Benzo(b)fluoranthene	23.092	252	3514	0.385	ng/ul	95
25) Benzo(k)fluoranthene	23.145	252	2614	0.274	ng/ul	95
26) Benzo(a)pyrene	23.723	252	3251	0.344	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.322	276	1845	0.150	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.335	278	2530	0.289	ng/ul#	90
29) Benzo(g,h,i)perylene	27.093	276	1334	0.117	ng/ul#	80

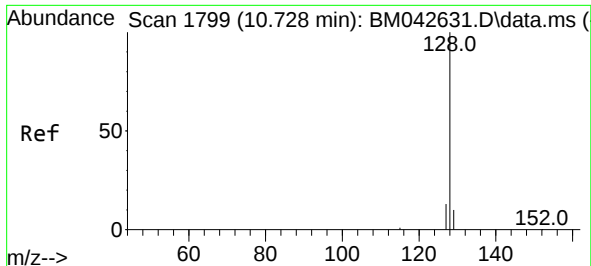
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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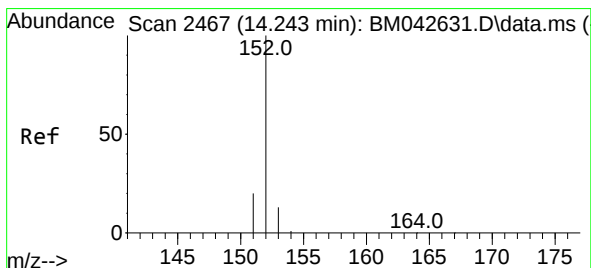
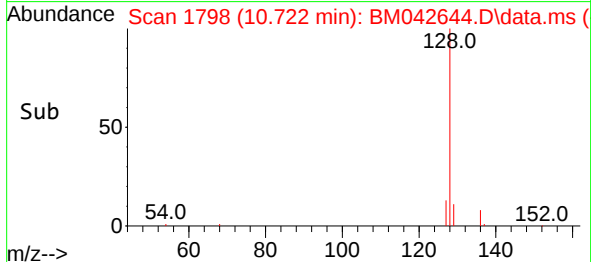
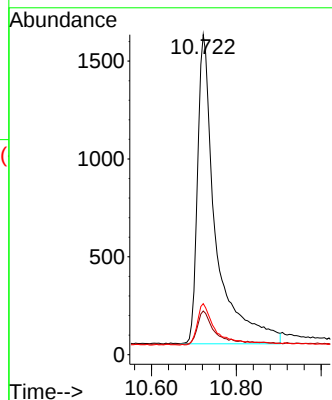
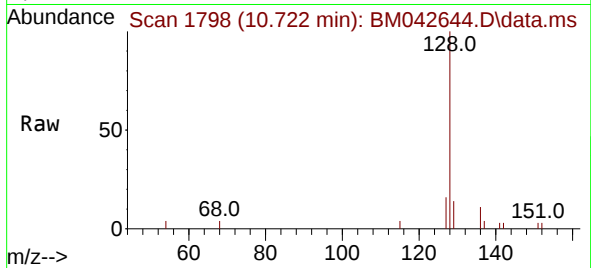




#5
Naphthalene
Concen: 0.658 ng/u1
RT: 10.722 min Scan# 1798
Delta R.T. -0.013 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

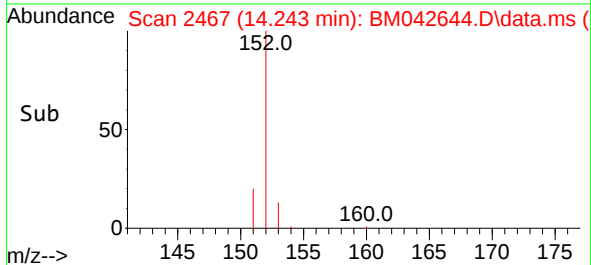
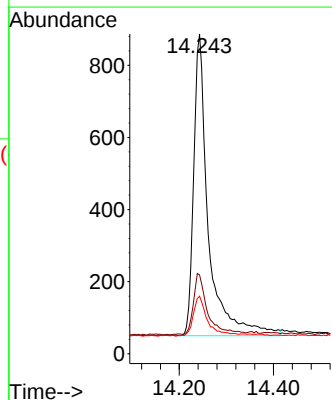
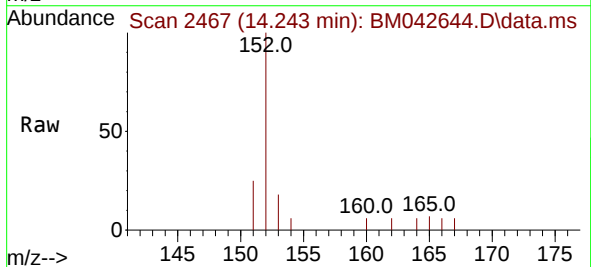
Instrument :
BNA_M
ClientSampleId :
XA014DL2

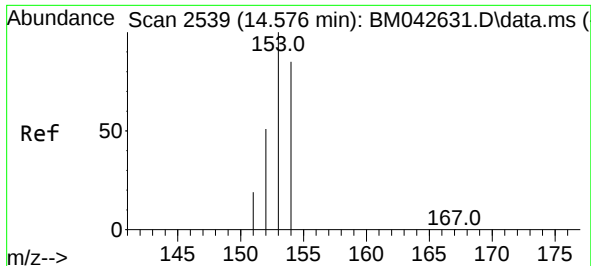
Tgt Ion:128 Resp: 4735
Ion Ratio Lower Upper
128 100
129 13.6 11.3 16.9
127 16.0 13.0 19.4



#10
Acenaphthylene
Concen: 0.210 ng/u1
RT: 14.243 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

Tgt Ion:152 Resp: 1817
Ion Ratio Lower Upper
152 100
151 24.7 17.2 25.8
153 18.0 11.8 17.8#

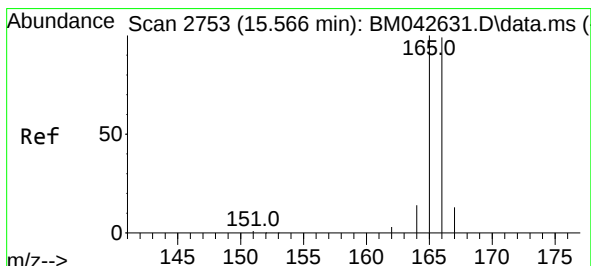
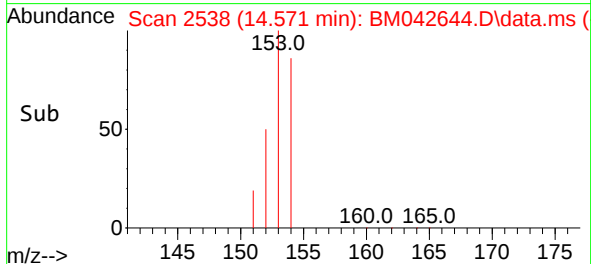
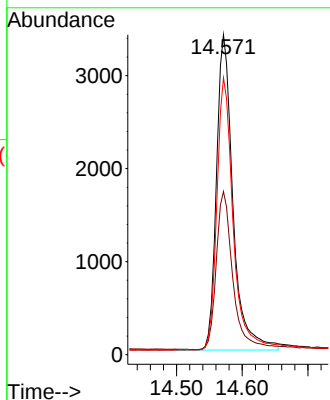
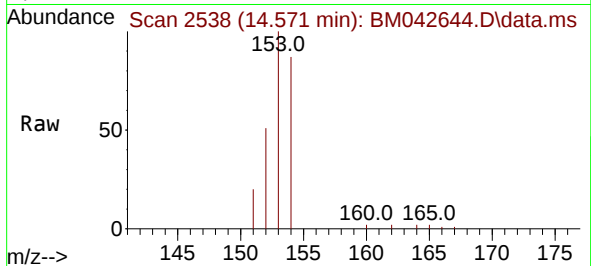




#11
Acenaphthene
Concen: 1.006 ng/ul
RT: 14.571 min Scan# 21
Delta R.T. -0.007 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

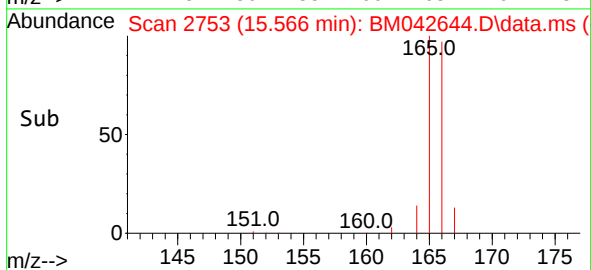
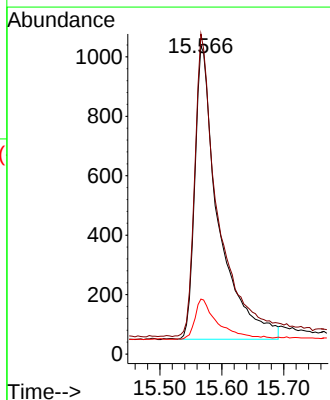
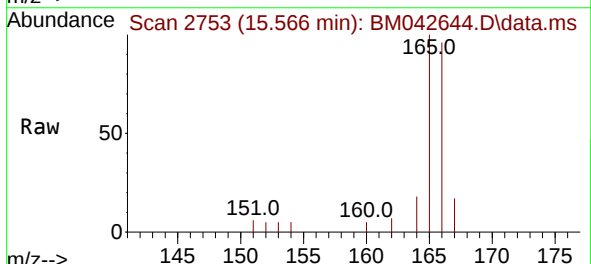
Instrument :
BNA_M
ClientSampleId :
XA014DL2

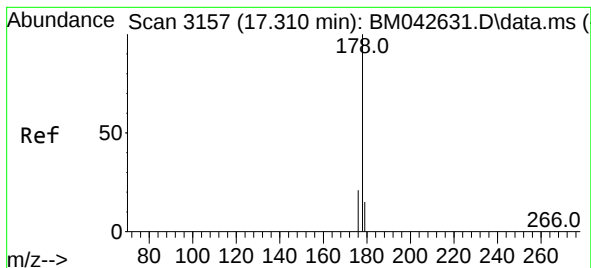
Tgt Ion:153 Resp: 5917
Ion Ratio Lower Upper
153 100
152 51.0 41.8 62.6
154 86.5 69.2 103.8



#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.566 min Scan# 2753
Delta R.T. -0.002 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

Tgt Ion:166 Resp: 2622
Ion Ratio Lower Upper
166 100
165 103.9 81.2 121.8
167 17.8 11.9 17.9





#15

Phenanthrene

Concen: 0.244 ng/ul

RT: 17.310 min Scan# 3157

Delta R.T. -0.002 min

Lab File: BM042644.D

Acq: 08 Nov 2023 11:36

Instrument :

BNA_M

ClientSampleId :

XA014DL2

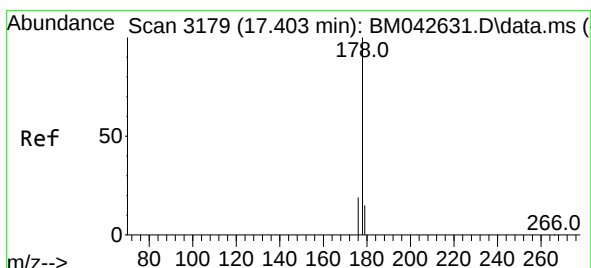
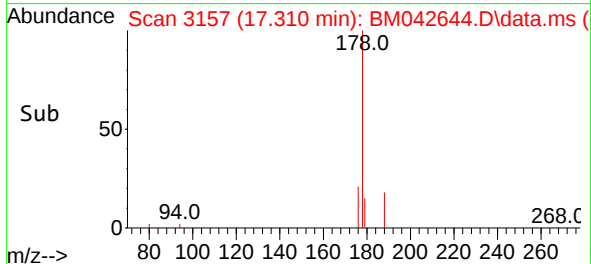
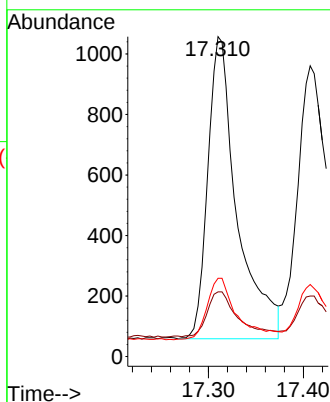
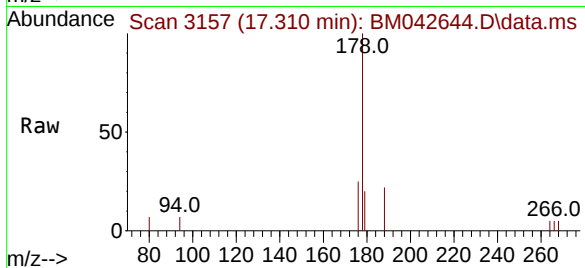
Tgt Ion:178 Resp: 2143

Ion Ratio Lower Upper

178 100

179 20.2 13.7 20.5

176 24.5 18.2 27.2



#16

Anthracene

Concen: 0.287 ng/ul

RT: 17.407 min Scan# 3180

Delta R.T. -0.002 min

Lab File: BM042644.D

Acq: 08 Nov 2023 11:36

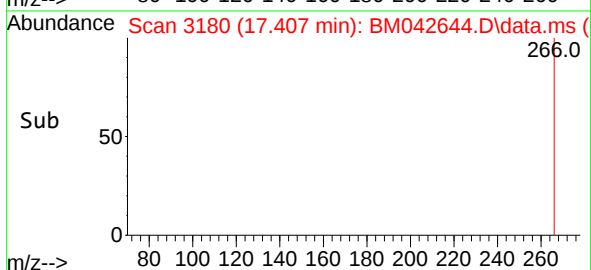
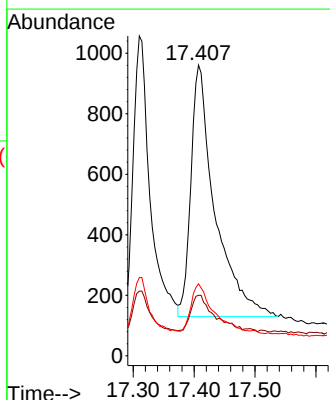
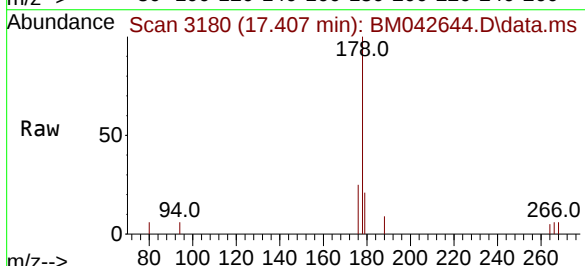
Tgt Ion:178 Resp: 2282

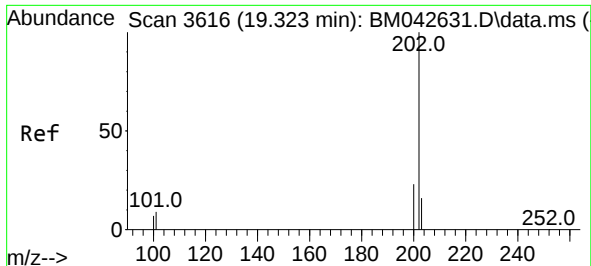
Ion Ratio Lower Upper

178 100

179 20.8 14.2 21.4

176 24.8 17.6 26.4

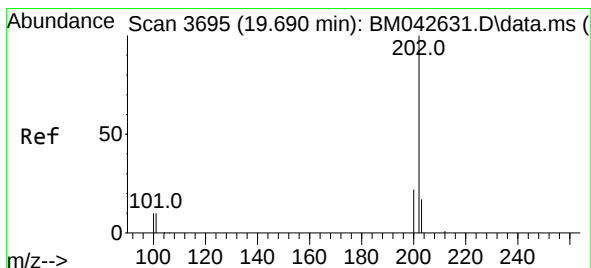
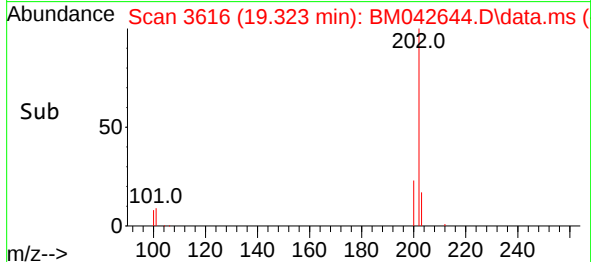
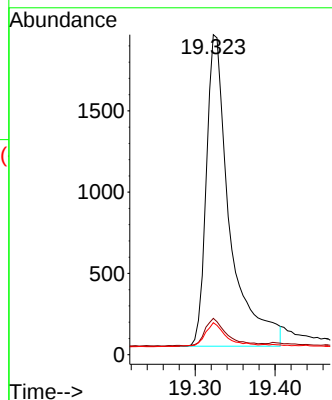
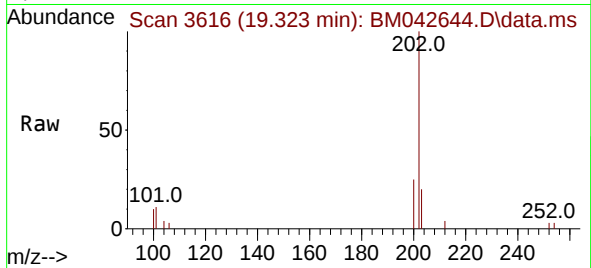




#19
Fluoranthene
Concen: 0.322 ng/ul
RT: 19.323 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

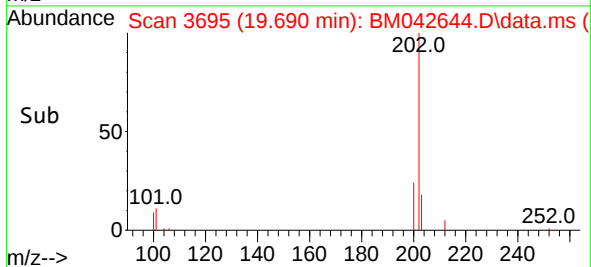
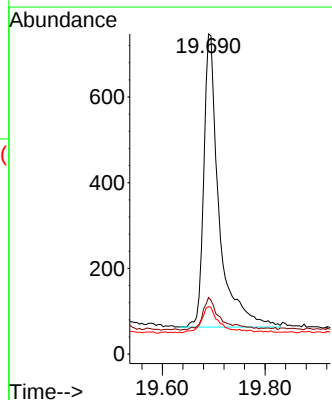
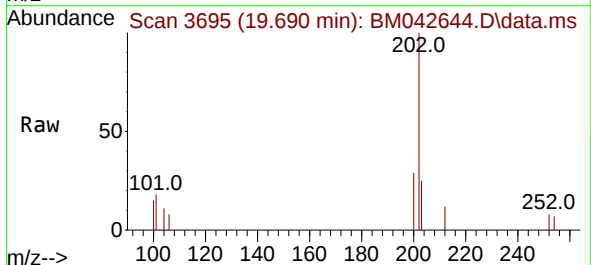
Instrument :
BNA_M
ClientSampleId :
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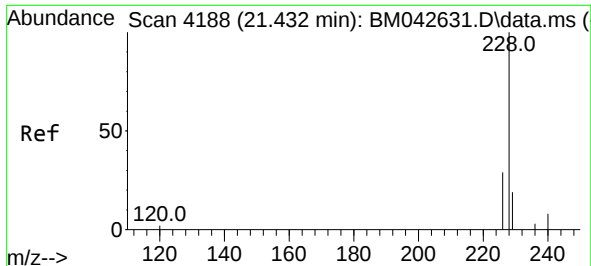
Tgt Ion:202	Resp:	3900
Ion Ratio	Lower	Upper
202	100	
101	11.4	9.0 13.6
100	10.0	7.3 10.9



#20
Pyrene
Concen: 0.106 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

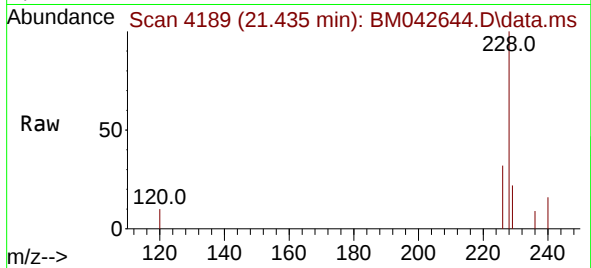
Tgt Ion:202	Resp:	1414
Ion Ratio	Lower	Upper
202	100	
101	17.7	10.6 16.0#
100	14.9	8.6 13.0#



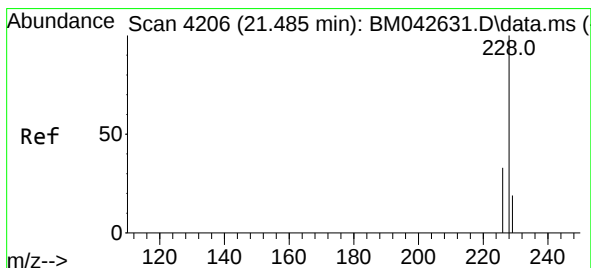
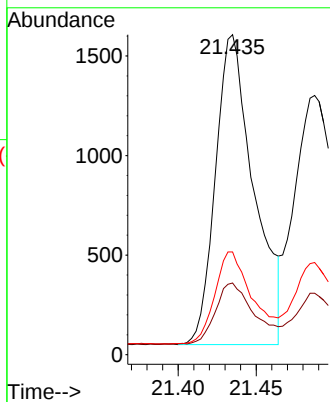
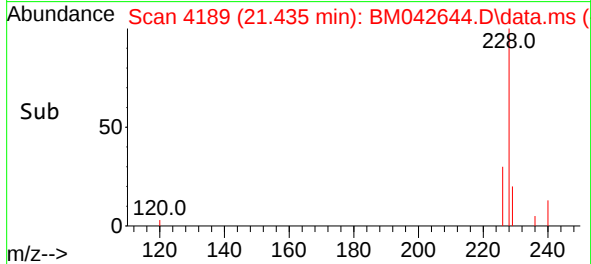


#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.435 min Scan# 4188
Delta R.T. -0.002 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

Instrument :
BNA_M
ClientSampleId :
XA014DL2

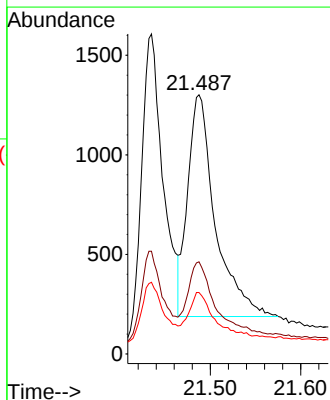
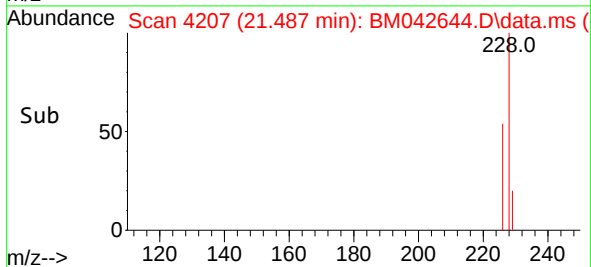
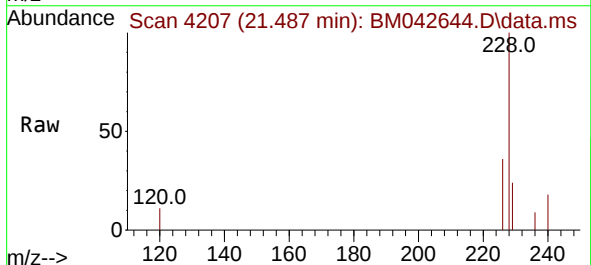


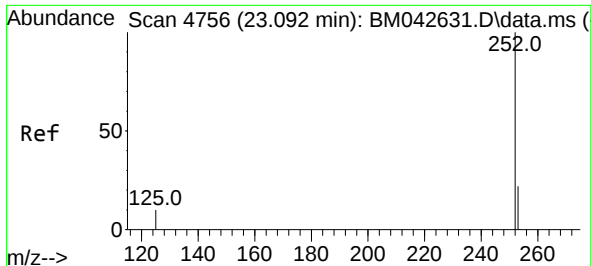
Tgt Ion:228 Resp: 2674
Ion Ratio Lower Upper
228 100
229 22.4 17.0 25.4
226 32.1 25.2 37.8



#22
Chrysene
Concen: 0.266 ng/ul
RT: 21.487 min Scan# 4207
Delta R.T. -0.005 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

Tgt Ion:228 Resp: 2364
Ion Ratio Lower Upper
228 100
226 35.6 27.4 41.0
229 23.7 17.0 25.6

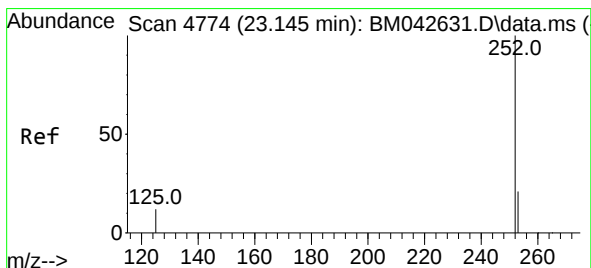
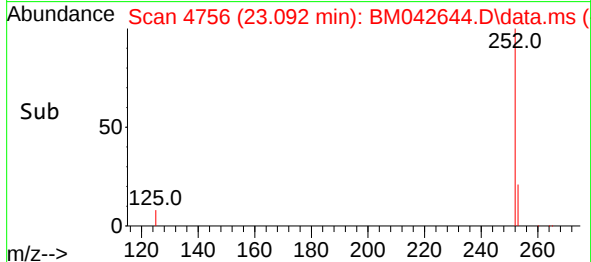
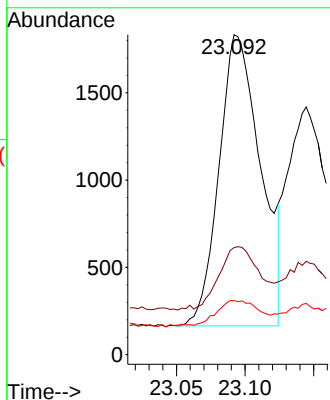
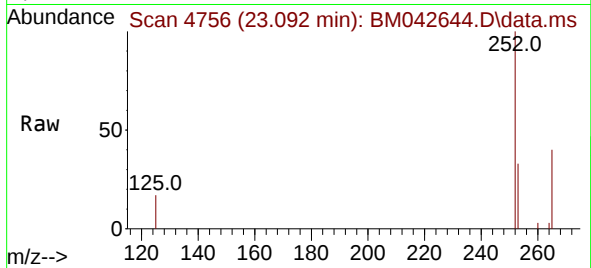




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.092 min Scan# 4756
Delta R.T. -0.008 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

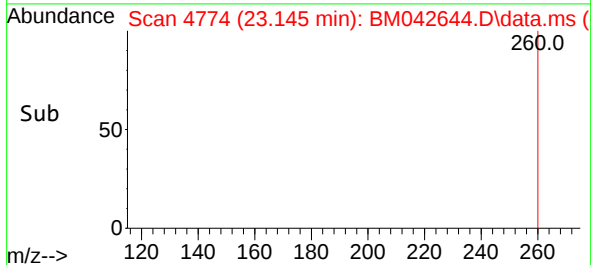
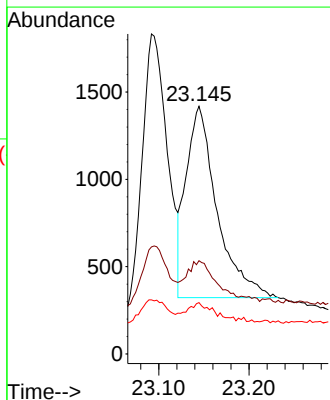
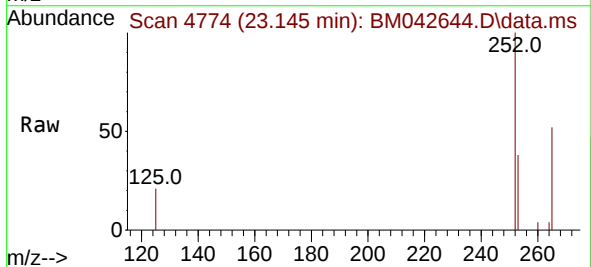
Instrument :
BNA_M
ClientSampleId :
XA014DL2

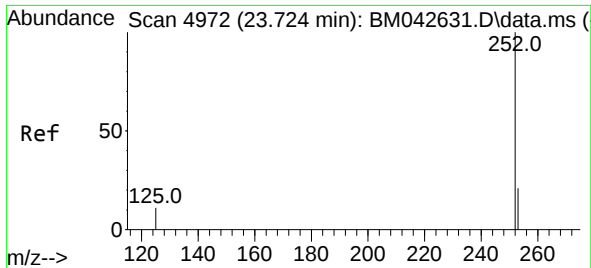
Tgt Ion:252	Resp:	3514
Ion	Ratio	Lower Upper
252	100	
253	33.4	0.0 65.8
125	16.9	0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.274 ng/ul
RT: 23.145 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

Tgt Ion:252	Resp:	2614
Ion	Ratio	Lower Upper
252	100	
253	37.6	27.0 40.6
125	20.7	17.5 26.3

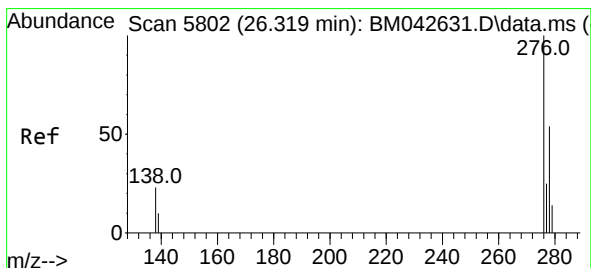
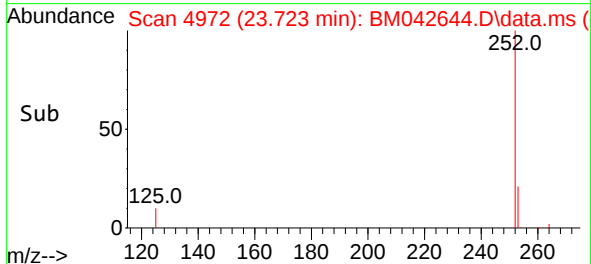
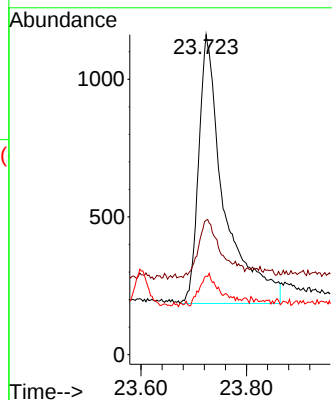
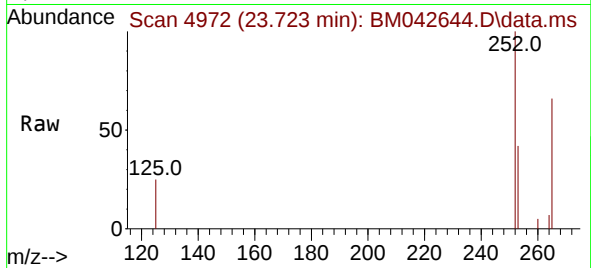




#26
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.723 min Scan# 4972
Delta R.T. -0.011 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

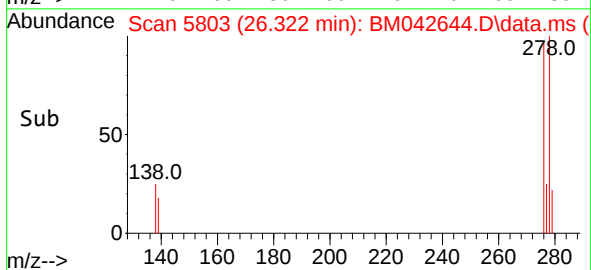
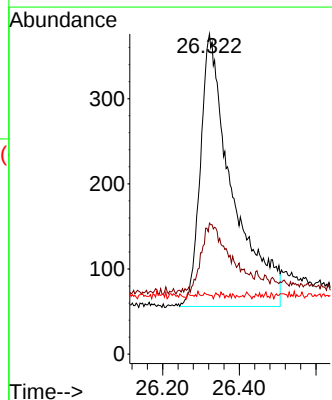
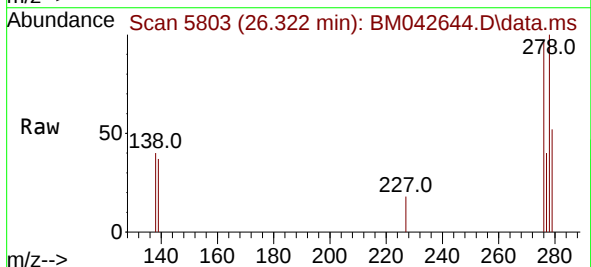
Instrument :
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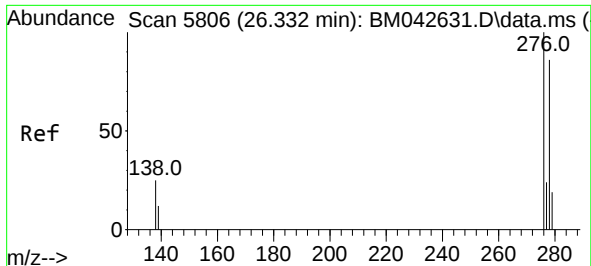
Tgt Ion:252	Resp:	3251
Ion Ratio	Lower	Upper
252	100	
253	42.0	31.7 47.5
125	24.5	22.1 33.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 26.322 min Scan# 5803
Delta R.T. -0.006 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

Tgt Ion:276	Resp:	1845
Ion Ratio	Lower	Upper
276	100	
138	22.9	20.7 31.1
227	0.4	0.1 0.1#

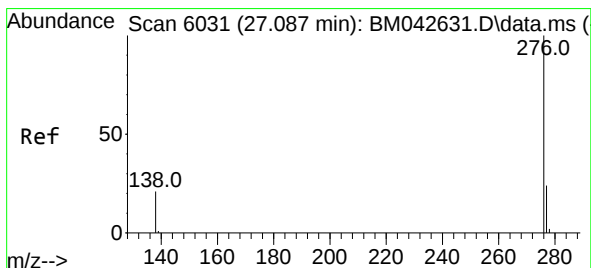
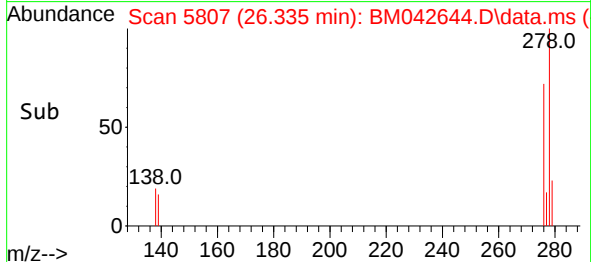
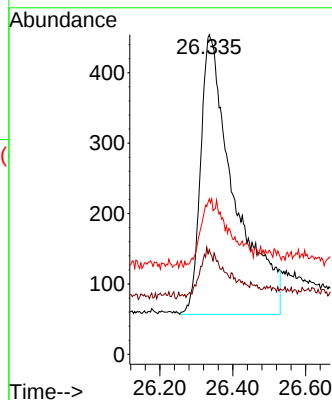
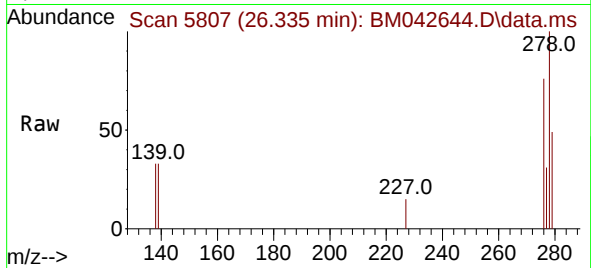




#28
Dibenzo(a,h)anthracene
Concen: 0.289 ng/ul
RT: 26.335 min Scan# 5806
Delta R.T. -0.012 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

Instrument :
BNA_M
ClientSampleId :
XA014DL2

Tgt Ion:278 Resp: 2530
Ion Ratio Lower Upper
278 100
139 32.8 24.3 36.5
279 48.7 31.5 47.3#



#29
Benzo(g,h,i)perylene
Concen: 0.117 ng/ul
RT: 27.093 min Scan# 6033
Delta R.T. -0.012 min
Lab File: BM042644.D
Acq: 08 Nov 2023 11:36

Tgt Ion:276 Resp: 1334
Ion Ratio Lower Upper
276 100
138 38.0 22.3 33.5#
277 40.4 23.6 35.4#

