

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043112.D
 Acq On : 01 Dec 2023 08:09
 Operator : MA/JU
 Sample : 05459-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Quant Time: Dec 01 23:17:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

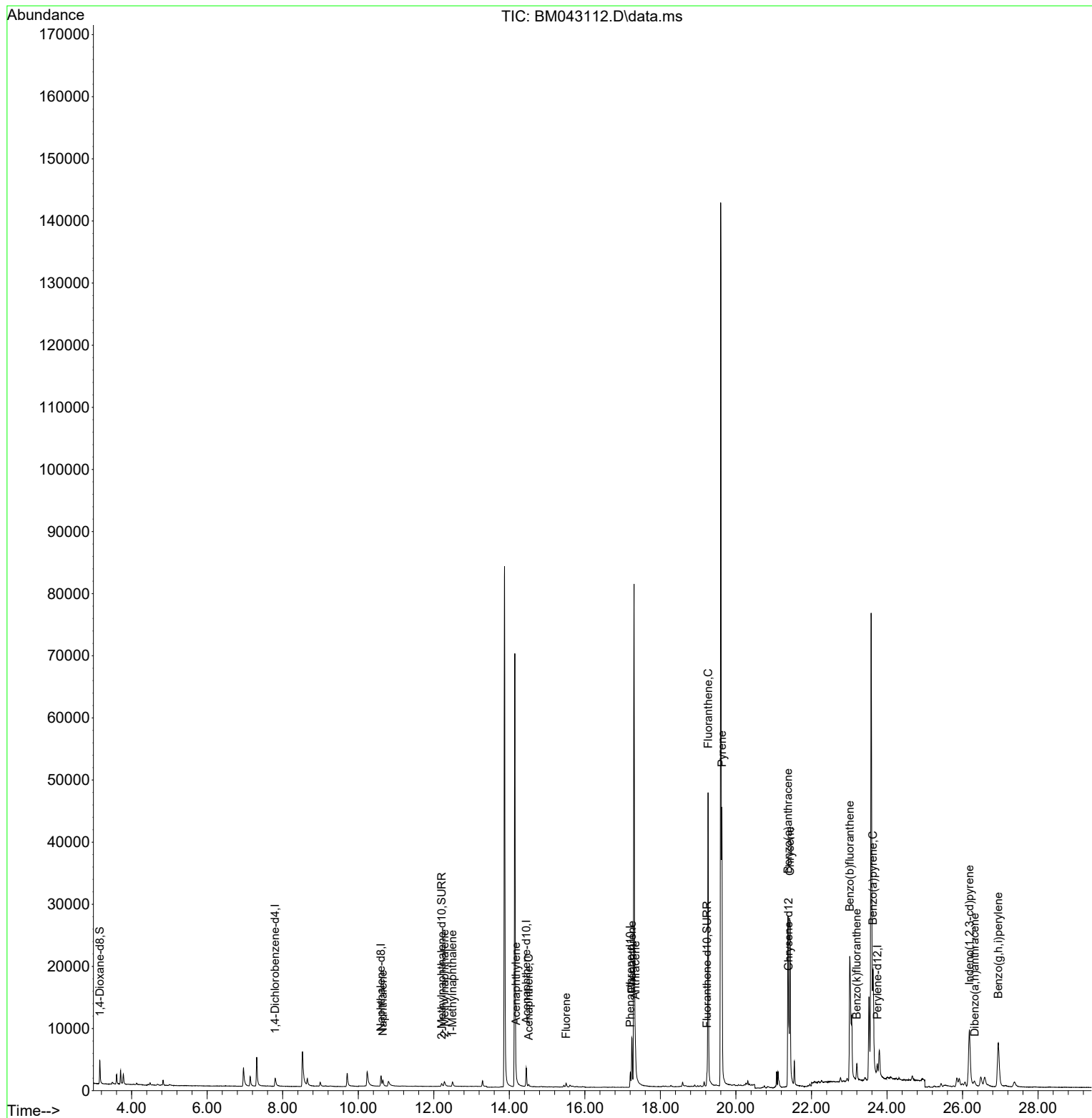
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	997	0.400	ng/ul	#-0.06
4) Naphthalene-d8	10.601	136	2959	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.447	164	1658	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.205	188	3566	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.394	240	2570	0.400	ng/ul	#-0.02
23) Perylene-d12	23.744	264	4486	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2572	1.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	1034	0.261	ng/ul	-0.03
18) Fluoranthene-d10	19.235	212	2453	0.262	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.651	128	1635	0.203	ng/ul	94
7) 2-Methylnaphthalene	12.284	142	894	0.188	ng/ul	100
8) 1-Methylnaphthalene	12.493	142	663	0.125	ng/ul	99
10) Acenaphthylene	14.178	152	241	0.028	ng/ul#	49
11) Acenaphthene	14.511	153	225	0.035	ng/ul#	90
12) Fluorene	15.501	166	457	0.069	ng/ul#	94
15) Phenanthrene	17.243	178	9417	0.925	ng/ul	94
16) Anthracene	17.340	178	4452	0.462	ng/ul	93
19) Fluoranthene	19.262	202	44423	3.049	ng/ul#	91
20) Pyrene	19.630	202	40675	2.625	ng/ul#	91
21) Benzo(a)anthracene	21.377	228	29351	3.520	ng/ul	95
22) Chrysene	21.432	228	28021	1.804	ng/ul	96
24) Benzo(b)fluoranthene	23.013	252	37569	2.482	ng/ul	80
25) Benzo(k)fluoranthene	23.200	252	3879	0.186	ng/ul	97
26) Benzo(a)pyrene	23.630	252	25100	1.519	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.181	276	19563	0.875	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.319	278	1315	0.076	ng/ul	92
29) Benzo(g,h,i)perylene	26.943	276	17940	0.825	ng/ul#	91

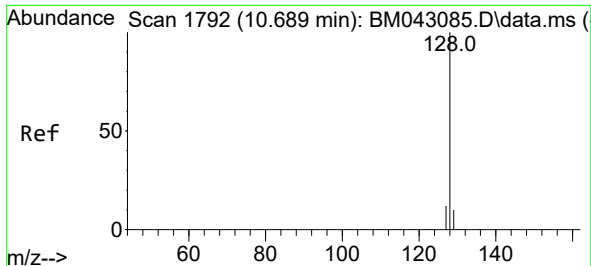
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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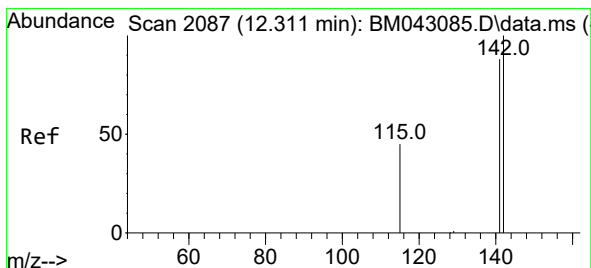
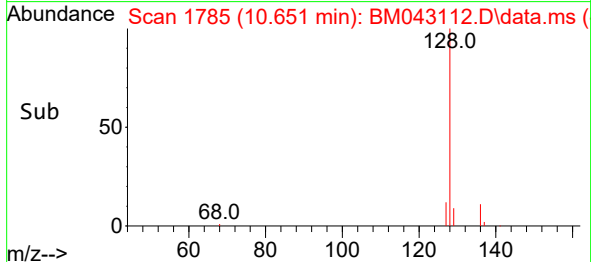
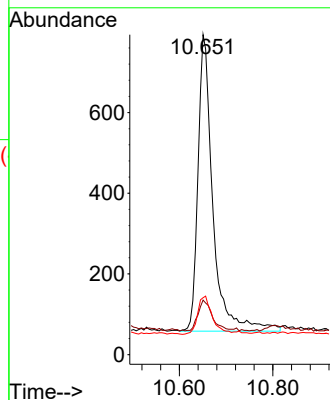
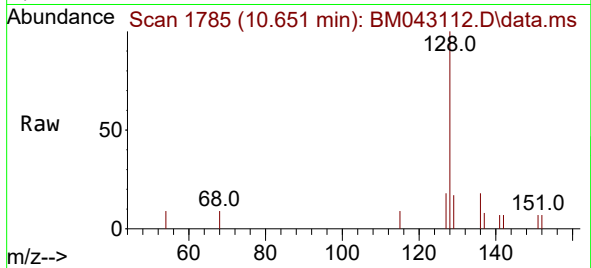




#5
Naphthalene
Concen: 0.203 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. -0.038 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

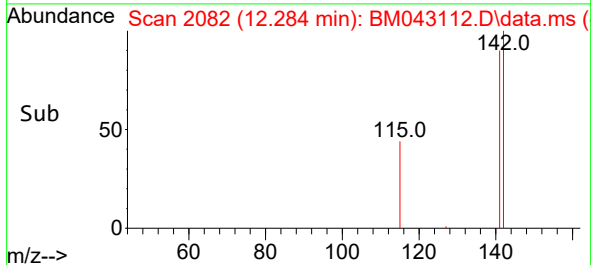
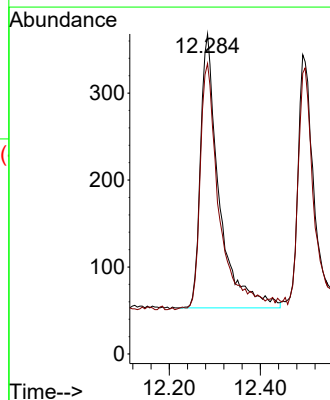
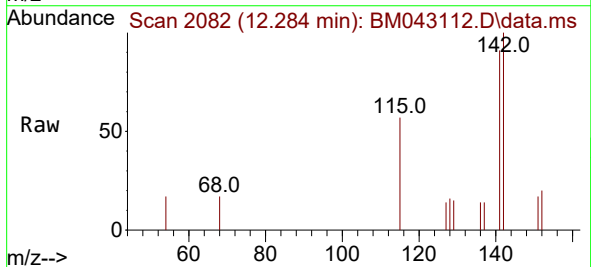
Instrument :
BNA_M
ClientSampleId :
C0AA4

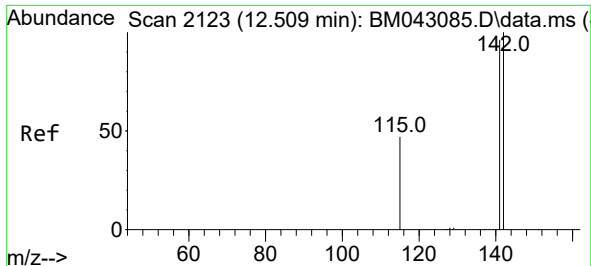
Tgt Ion:128 Resp: 1635
Ion Ratio Lower Upper
128 100
129 17.0 16.0 24.0
127 17.8 16.5 24.7



#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.027 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

Tgt Ion:142 Resp: 894
Ion Ratio Lower Upper
142 100
141 94.6 76.1 114.1

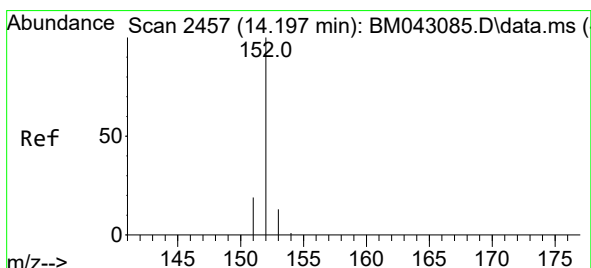
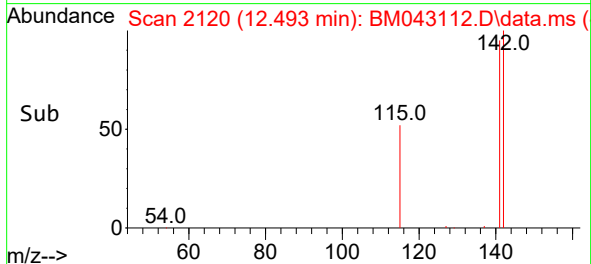
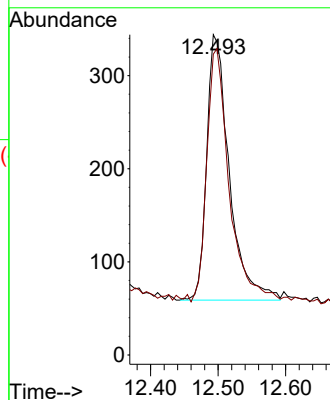
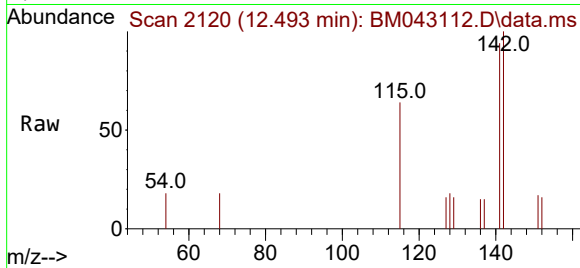




#8
1-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.493 min Scan# 2123
Delta R.T. -0.016 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

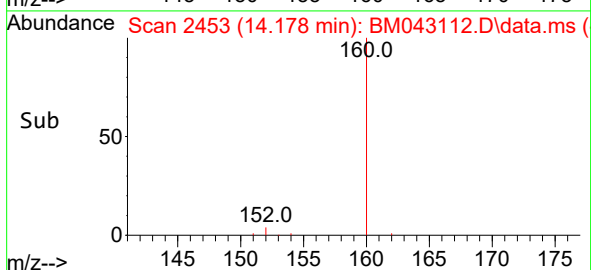
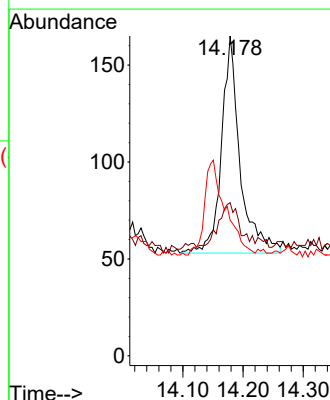
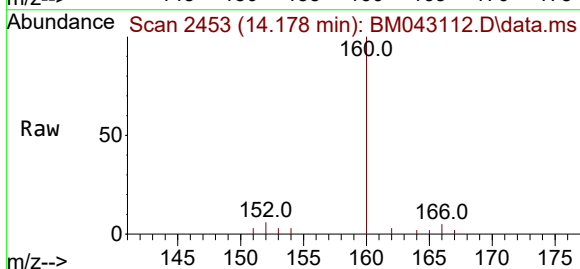
Instrument :
BNA_M
ClientSampleId :
C0AA4

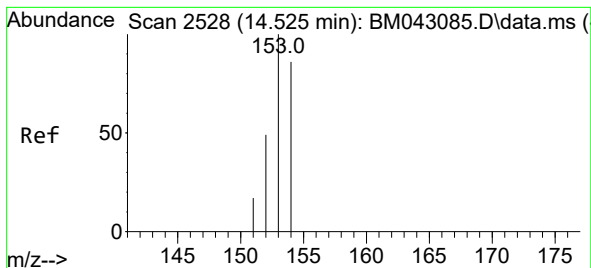
Tgt Ion:142 Resp: 663
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.8



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.018 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

Tgt Ion:152 Resp: 241
Ion Ratio Lower Upper
152 100
151 47.9 19.4 29.0#
153 42.4 14.6 21.8#





#11

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.511 min Scan# 21

Delta R.T. -0.014 min

Lab File: BM043112.D

Acq: 01 Dec 2023 08:09

Instrument :

BNA_M

ClientSampleId :

C0AA4

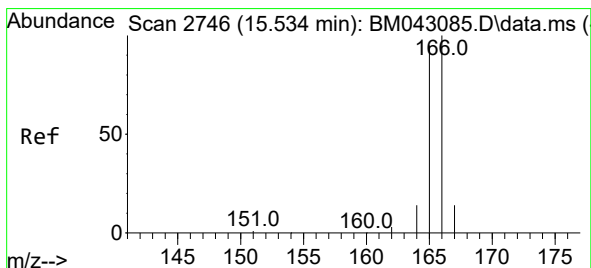
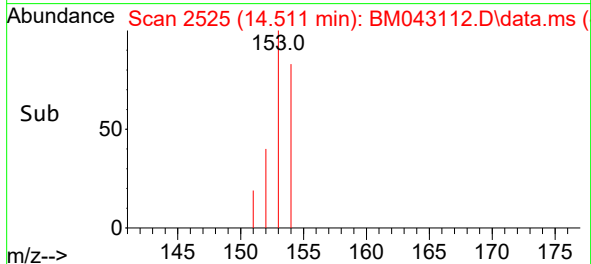
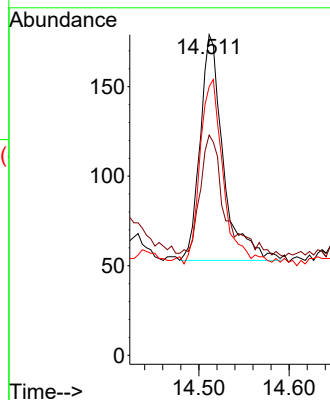
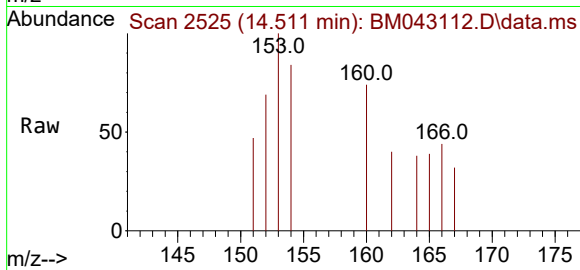
Tgt Ion:153 Resp: 225

Ion Ratio Lower Upper

153 100

152 68.7 43.9 65.9#

154 83.8 70.6 105.8



#12

Fluorene

Concen: 0.069 ng/ul

RT: 15.501 min Scan# 2739

Delta R.T. -0.032 min

Lab File: BM043112.D

Acq: 01 Dec 2023 08:09

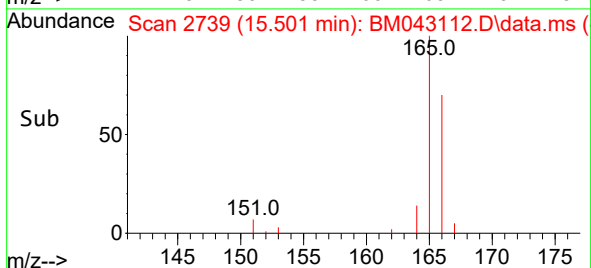
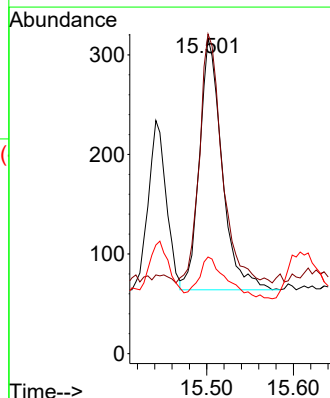
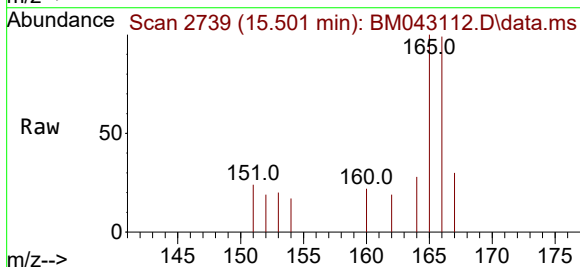
Tgt Ion:166 Resp: 457

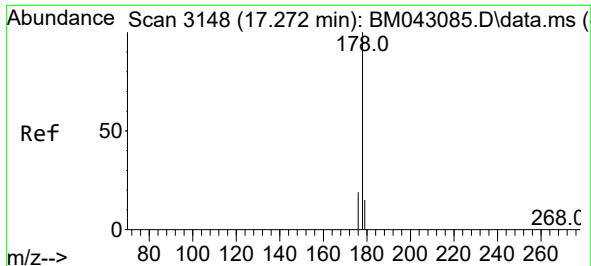
Ion Ratio Lower Upper

166 100

165 101.3 79.9 119.9

167 30.6 14.2 21.4#

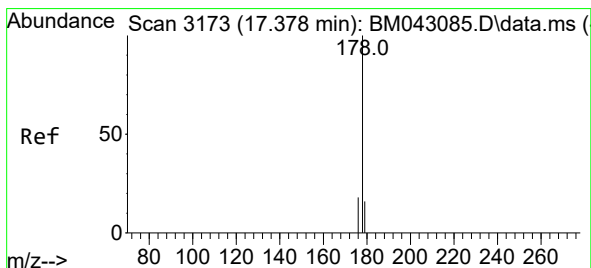
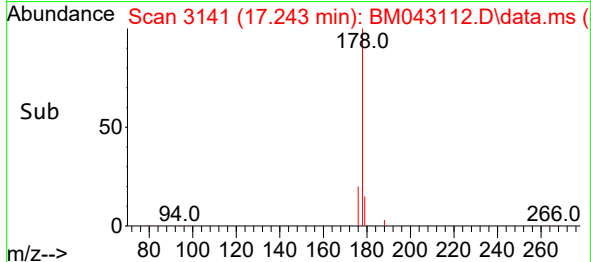
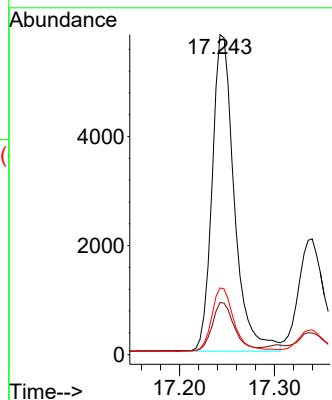
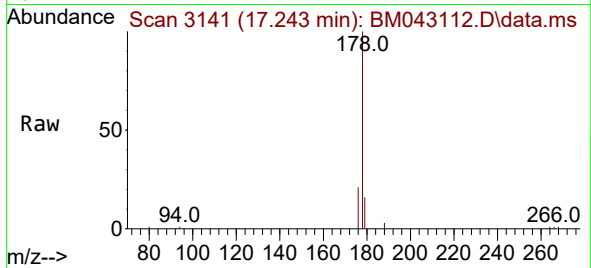




#15
Phenanthrene
Concen: 0.925 ng/ul
RT: 17.243 min Scan# 3141
Delta R.T. -0.029 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

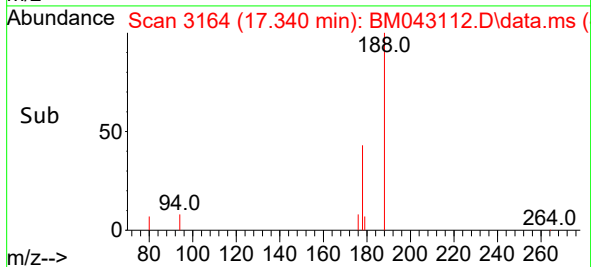
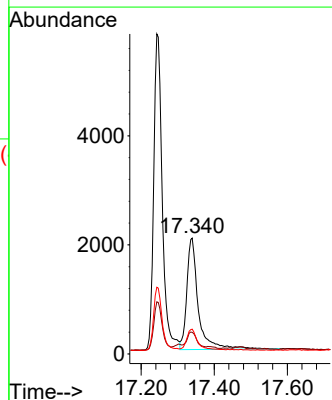
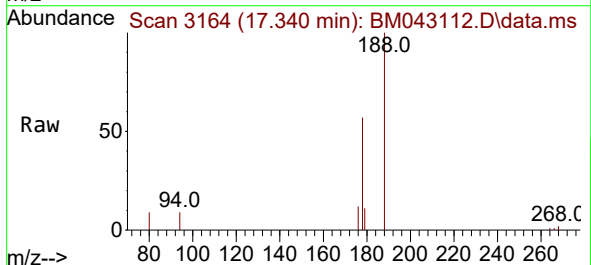
Instrument :
BNA_M
ClientSampleId :
C0AA4

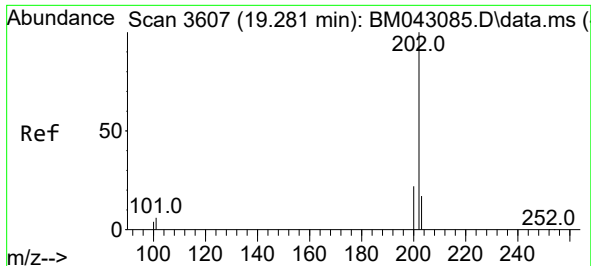
Tgt Ion:	178	Resp:	9417
Ion Ratio	Lower	Upper	
178	100		
179	16.3	15.7	23.5
176	20.9	18.9	28.3



#16
Anthracene
Concen: 0.462 ng/ul
RT: 17.340 min Scan# 3164
Delta R.T. -0.038 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

Tgt Ion:	178	Resp:	4452
Ion Ratio	Lower	Upper	
178	100		
179	18.7	17.3	25.9
176	21.4	20.5	30.7

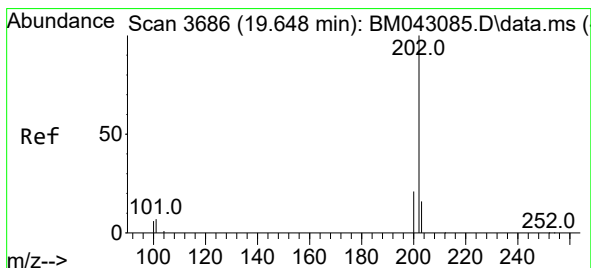
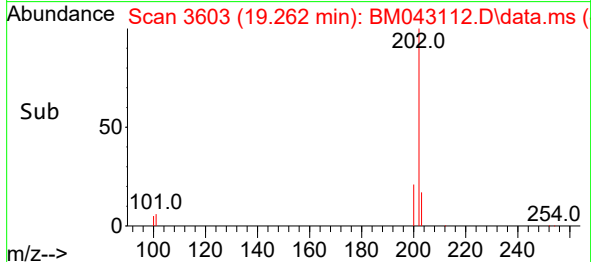
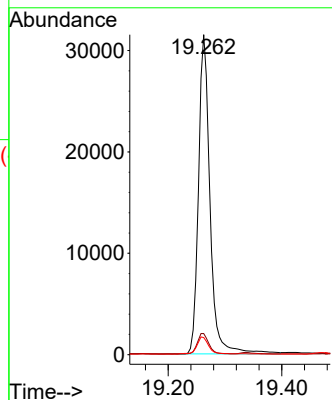
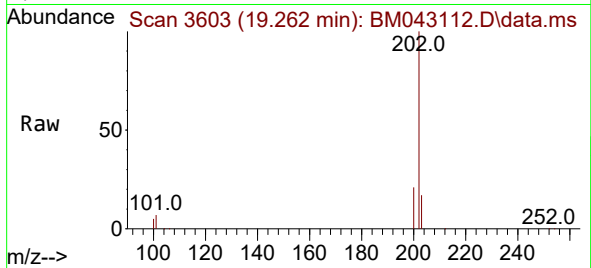




#19
Fluoranthene
Concen: 3.049 ng/ul
RT: 19.262 min Scan# 3603
Delta R.T. -0.018 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

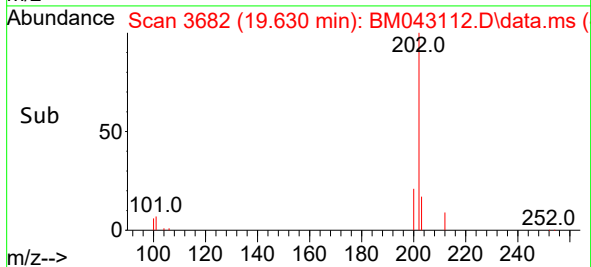
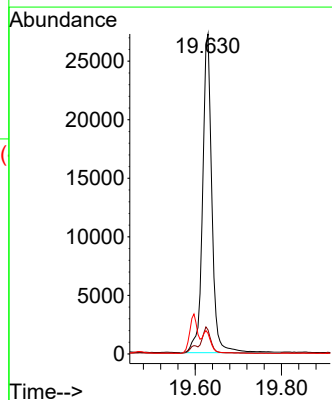
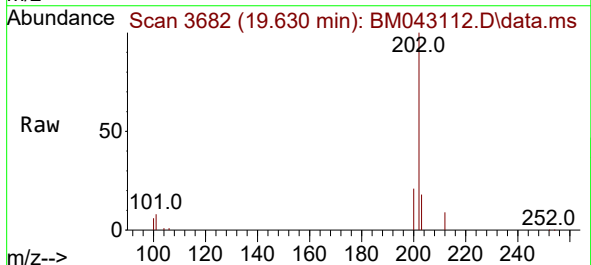
Instrument :
BNA_M
ClientSampleId :
C0AA4

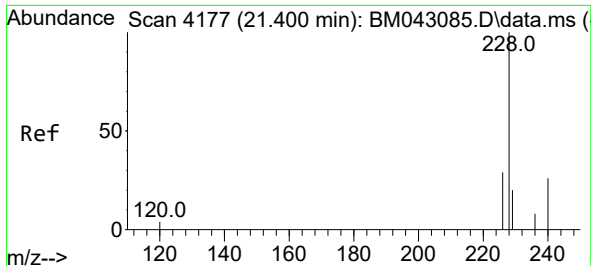
Tgt Ion:202 Resp: 44423
Ion Ratio Lower Upper
202 100
101 6.6 7.8 11.8#
100 5.4 7.1 10.7#



#20
Pyrene
Concen: 2.625 ng/ul
RT: 19.630 min Scan# 3682
Delta R.T. -0.018 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

Tgt Ion:202 Resp: 40675
Ion Ratio Lower Upper
202 100
101 7.5 8.7 13.1#
100 6.4 7.8 11.8#

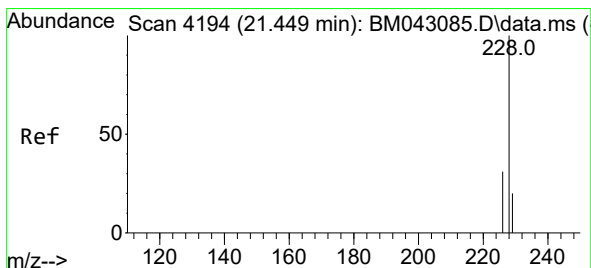
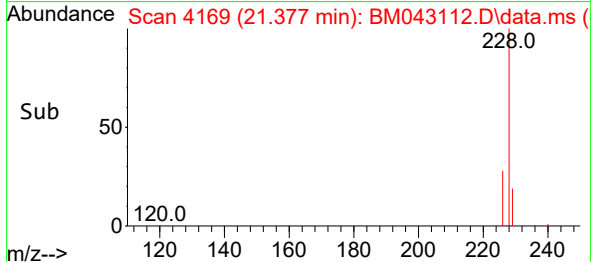
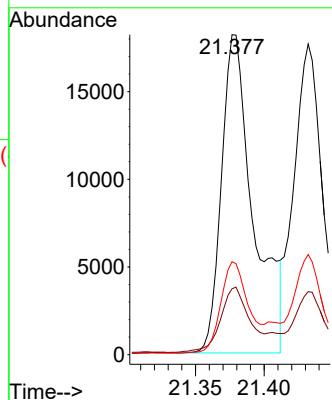
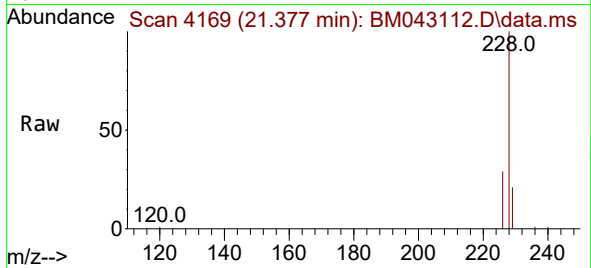




#21
Benzo(a)anthracene
Concen: 3.520 ng/ul
RT: 21.377 min Scan# 41
Delta R.T. -0.023 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

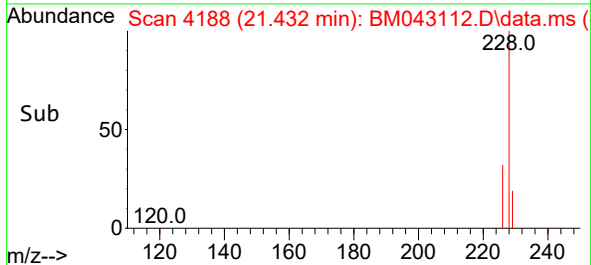
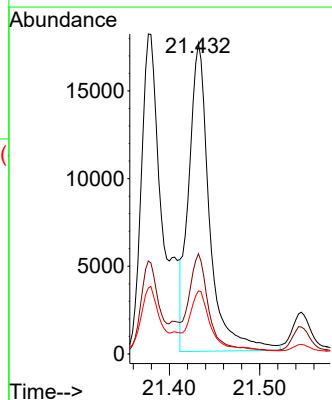
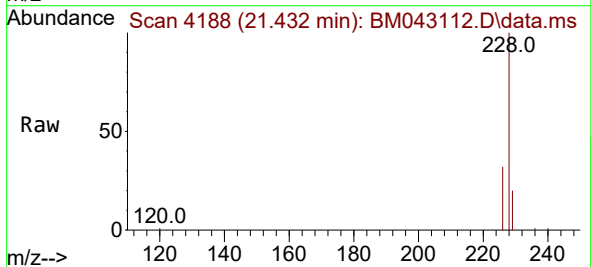
Instrument :
BNA_M
ClientSampleId :
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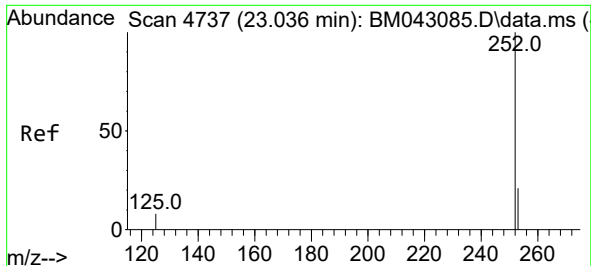
Tgt Ion:228 Resp: 29351
Ion Ratio Lower Upper
228 100
229 20.6 19.4 29.0
226 29.0 24.9 37.3



#22
Chrysene
Concen: 1.804 ng/ul
RT: 21.432 min Scan# 4188
Delta R.T. -0.017 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

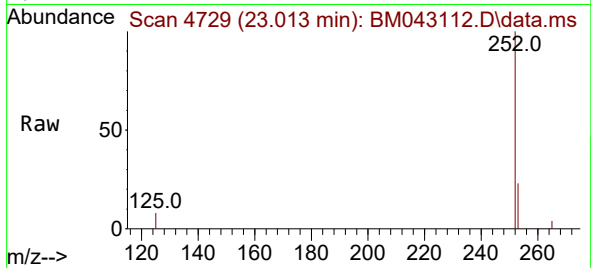
Tgt Ion:228 Resp: 28021
Ion Ratio Lower Upper
228 100
226 32.2 27.2 40.8
229 20.3 18.0 27.0



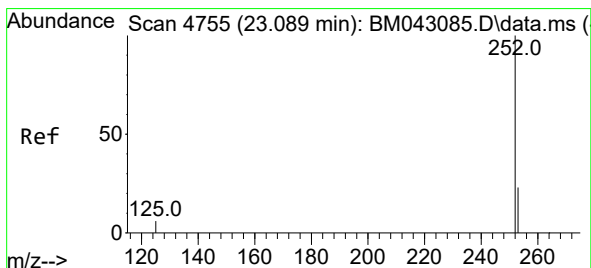
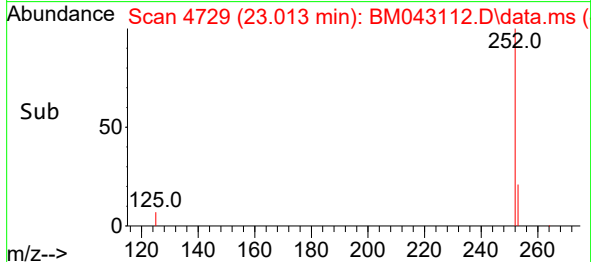
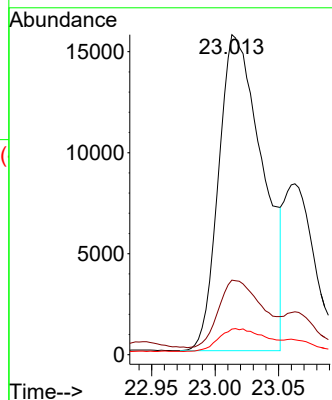


#24
Benzo(b)fluoranthene
Concen: 2.482 ng/ul
RT: 23.013 min Scan# 4729
Delta R.T. -0.023 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

Instrument :
BNA_M
ClientSampleId :
C0AA4

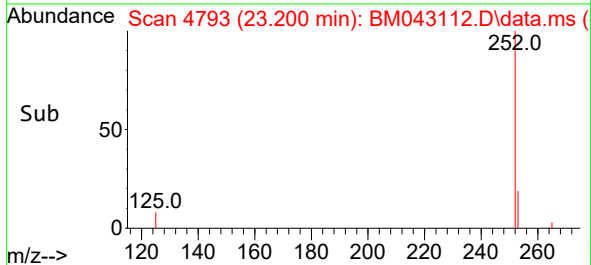
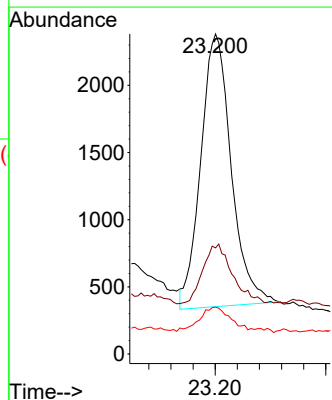
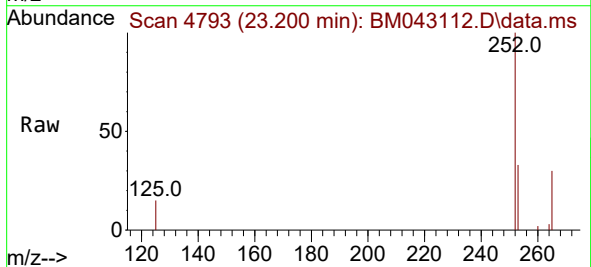


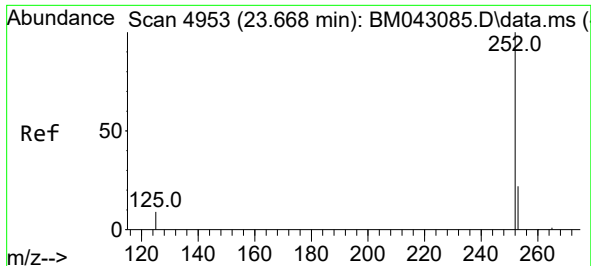
Tgt Ion:252 Resp: 37569
Ion Ratio Lower Upper
252 100
253 23.3 0.0 71.8
125 8.0 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.186 ng/ul
RT: 23.200 min Scan# 4793
Delta R.T. 0.111 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

Tgt Ion:252 Resp: 3879
Ion Ratio Lower Upper
252 100
253 33.2 28.2 42.2
125 14.7 11.0 16.6

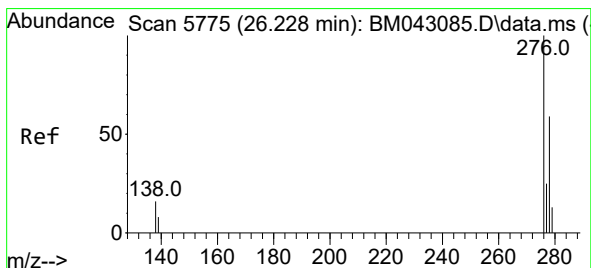
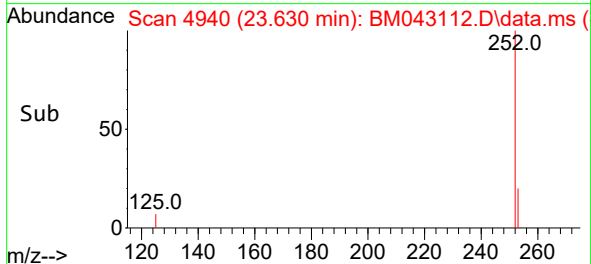
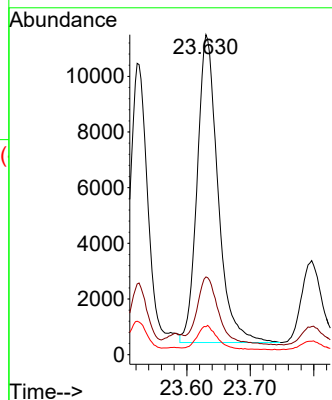
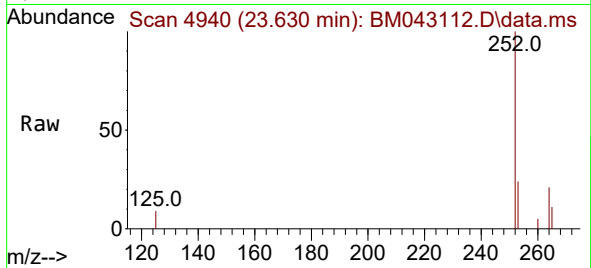




#26
Benzo(a)pyrene
Concen: 1.519 ng/ul
RT: 23.630 min Scan# 4953
Delta R.T. -0.038 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

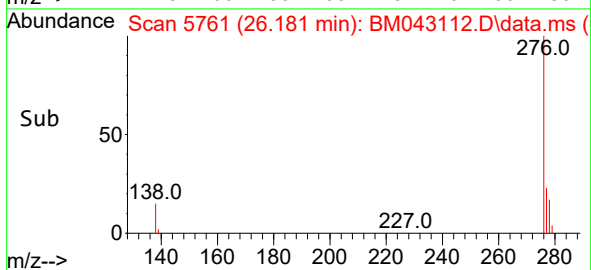
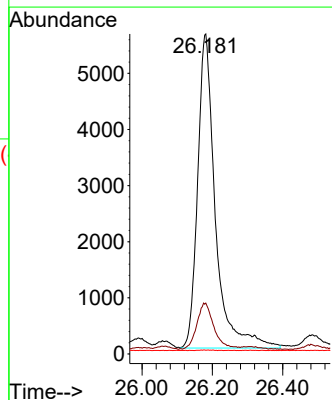
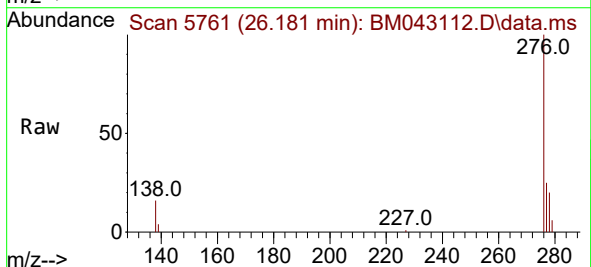
Instrument :
BNA_M
ClientSampleId :
C0AA4

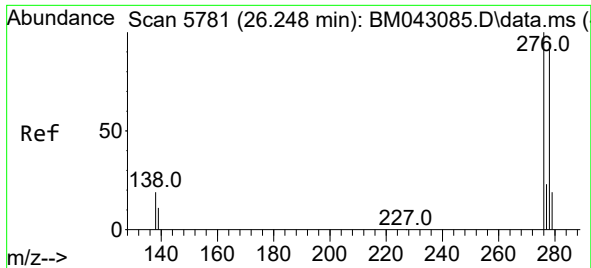
Tgt Ion:252 Resp: 25100
Ion Ratio Lower Upper
252 100
253 24.3 36.6 55.0#
125 8.7 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.875 ng/ul
RT: 26.181 min Scan# 5761
Delta R.T. -0.047 min
Lab File: BM043112.D
Acq: 01 Dec 2023 08:09

Tgt Ion:276 Resp: 19563
Ion Ratio Lower Upper
276 100
138 14.3 0.0 0.0#
227 0.1 0.2 0.2#

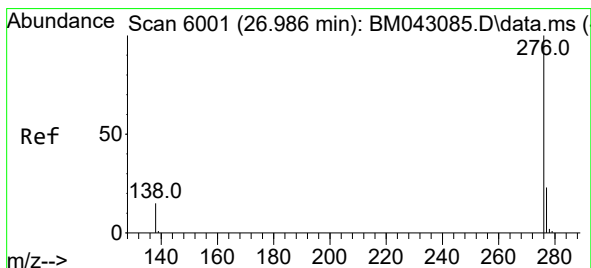
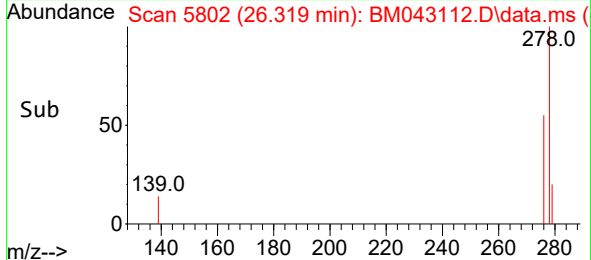
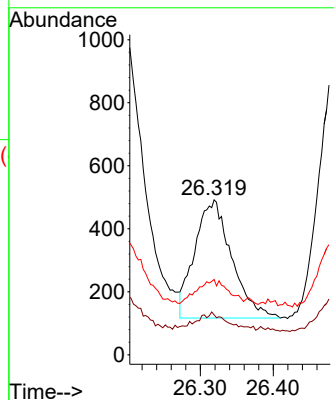
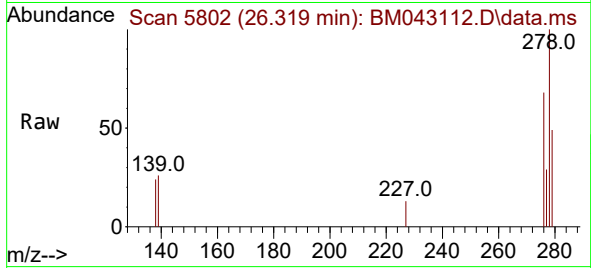




#28
 Dibenzo(a,h)anthracene
 Concen: 0.076 ng/ul
 RT: 26.319 min Scan# 51
 Delta R.T. 0.071 min
 Lab File: BM043112.D
 Acq: 01 Dec 2023 08:09

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Tgt Ion:278 Resp: 1315
 Ion Ratio Lower Upper
 278 100
 139 25.8 18.1 27.1
 279 48.6 34.4 51.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.825 ng/ul
 RT: 26.943 min Scan# 5988
 Delta R.T. -0.043 min
 Lab File: BM043112.D
 Acq: 01 Dec 2023 08:09

Tgt Ion:276 Resp: 17940
 Ion Ratio Lower Upper
 276 100
 138 16.7 17.8 26.8#
 277 25.6 23.8 35.8

