

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038244.D
 Acq On : 23 Dec 2022 22:09
 Operator : CG/JU
 Sample : N6014-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:25:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

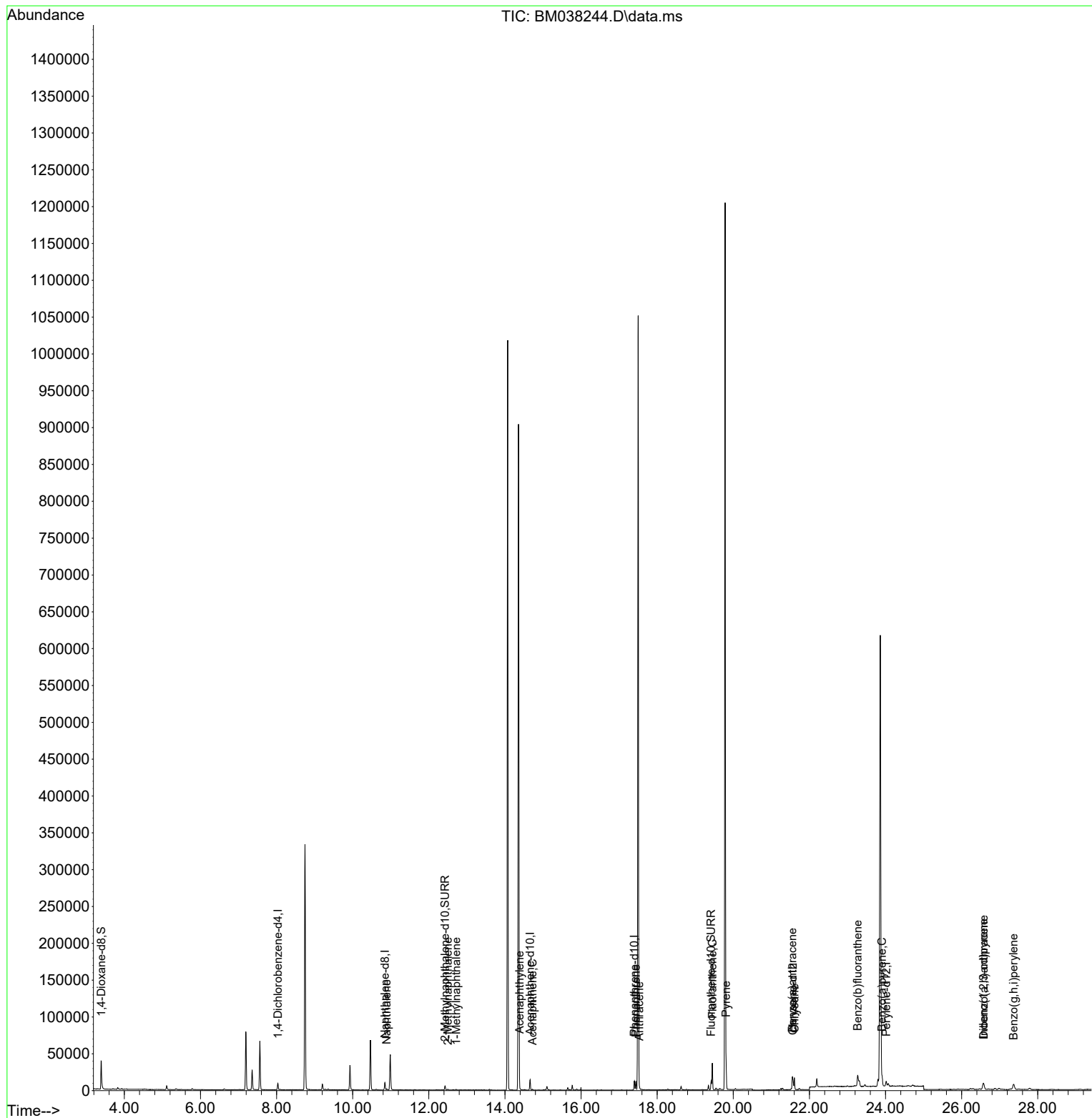
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4297	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12925	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.662	164	7257	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	14322	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	9025	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	9225	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	24680	5.646	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	6901	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	12161	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	1312	0.035	ng/ul#	83
7) 2-Methylnaphthalene	12.500	142	612	0.026	ng/ul	98
8) 1-Methylnaphthalene	12.720	142	489	0.020	ng/ul	97
10) Acenaphthylene	14.384	152	1548	0.039	ng/ul#	77
11) Acenaphthene	14.722	153	650	0.023	ng/ul#	92
15) Phenanthrene	17.443	178	11819	0.247	ng/ul	99
16) Anthracene	17.531	178	2645	0.057	ng/ul#	88
19) Fluoranthene	19.450	202	29960	0.606	ng/ul	100
20) Pyrene	19.812	202	28241	0.565	ng/ul	98
21) Benzo(a)anthracene	21.551	228	13549	0.342	ng/ul	96
22) Chrysene	21.606	228	16293	0.423	ng/ul	97
24) Benzo(b)fluoranthene	23.269	252	26113	0.640	ng/ul	99
26) Benzo(a)pyrene	23.909	252	17690	0.497	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.572	276	15174	0.307	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.579	278	3921	0.102	ng/ul#	54
29) Benzo(g,h,i)perylene	27.367	276	16446	0.396	ng/ul	99

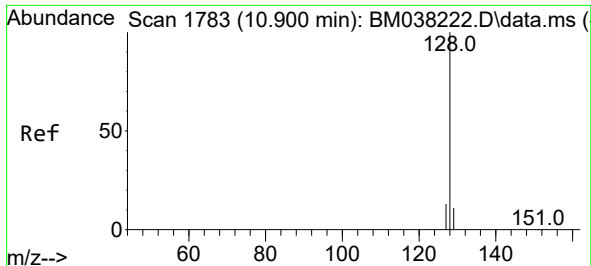
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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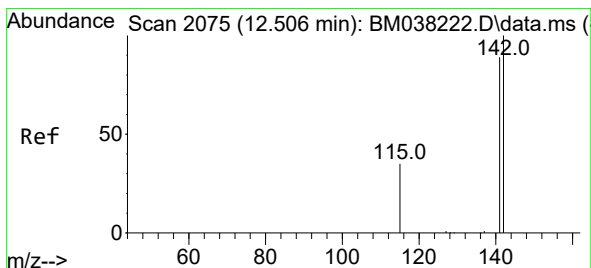
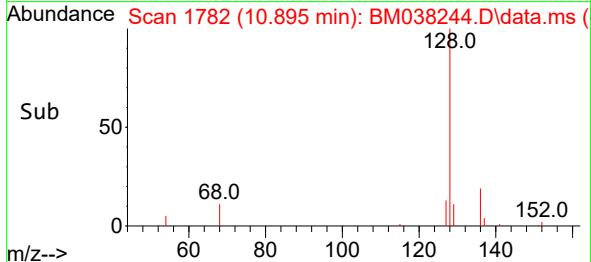
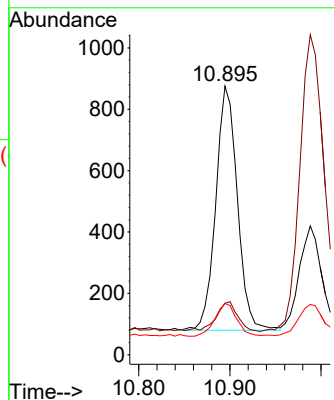
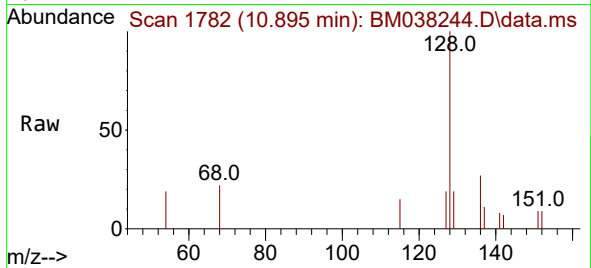




#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

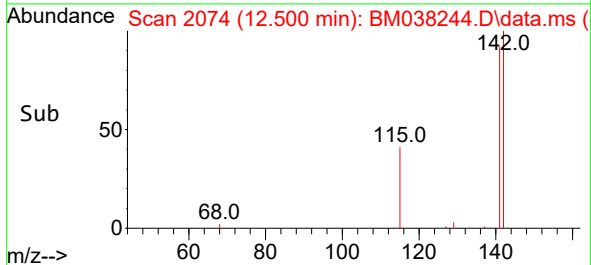
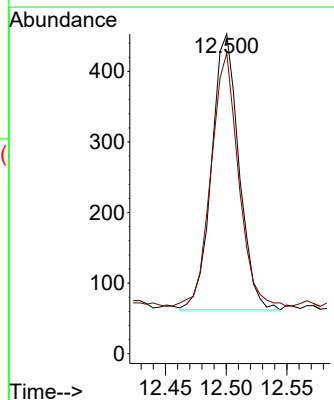
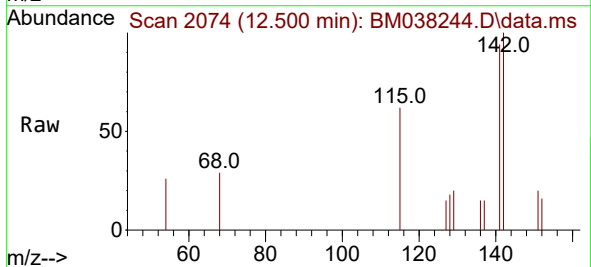
Instrument :
BNA_M
ClientSampleId :

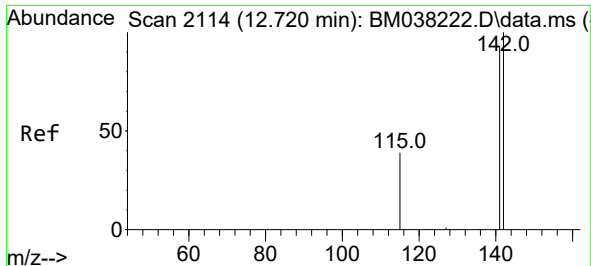
Tgt Ion:128 Resp: 1312
Ion Ratio Lower Upper
128 100
129 19.2 9.4 14.0#
127 19.1 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

Tgt Ion:142 Resp: 612
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9

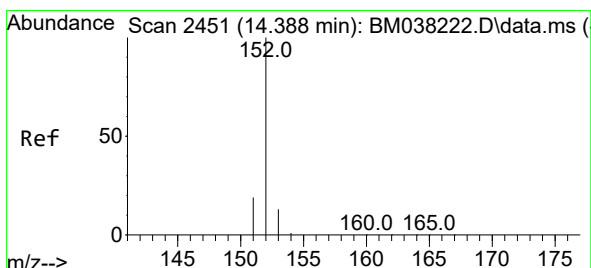
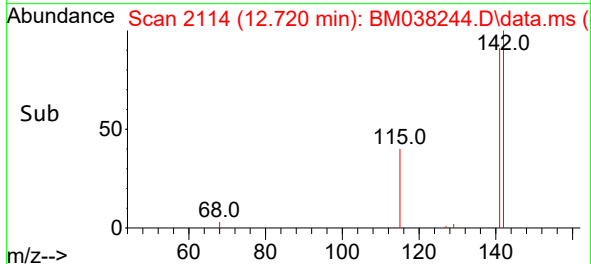
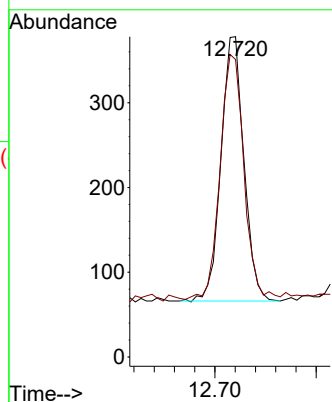
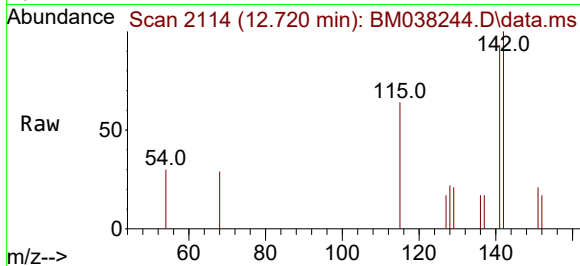




#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

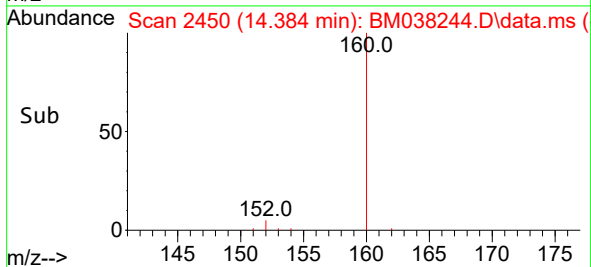
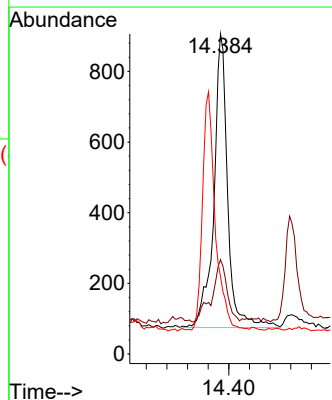
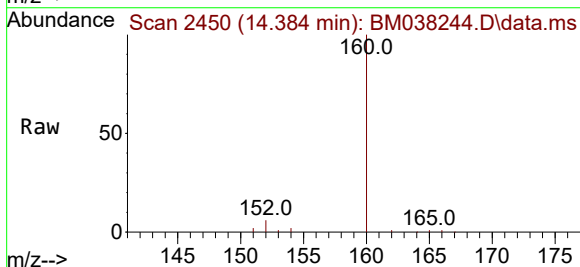
Instrument :
BNA_M
ClientSampleId :

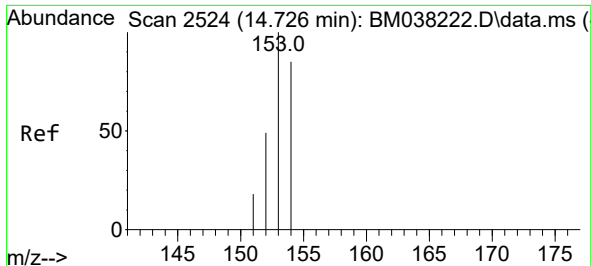
Tgt Ion:142 Resp: 489
Ion Ratio Lower Upper
142 100
141 96.3 74.7 112.1



#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

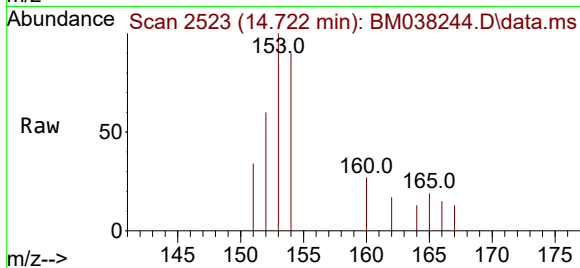
Tgt Ion:152 Resp: 1548
Ion Ratio Lower Upper
152 100
151 29.5 16.2 24.2#
153 24.2 10.7 16.1#



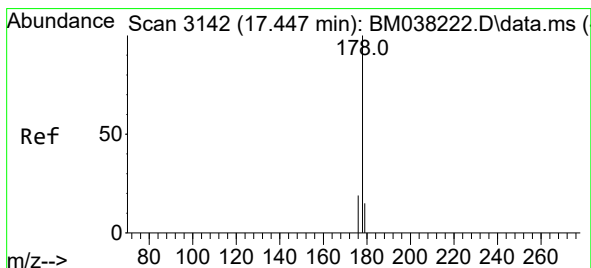
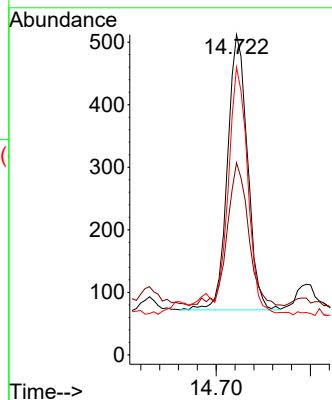
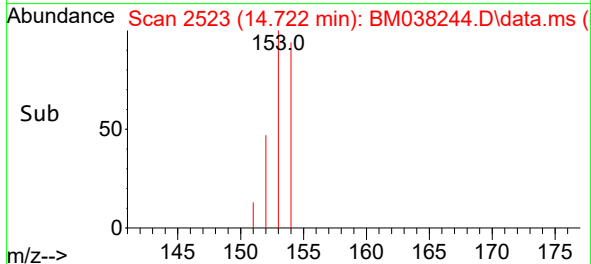


#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.722 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

Instrument :
BNA_M
ClientSampleId :

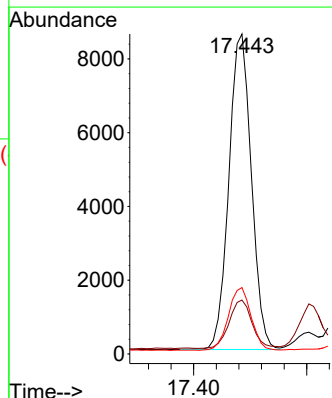
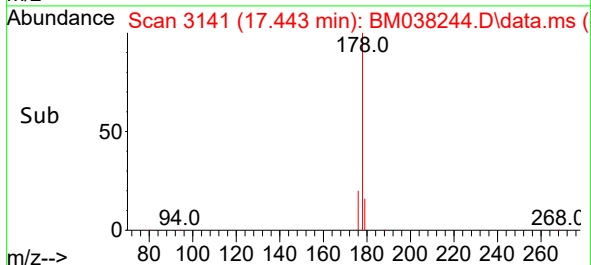
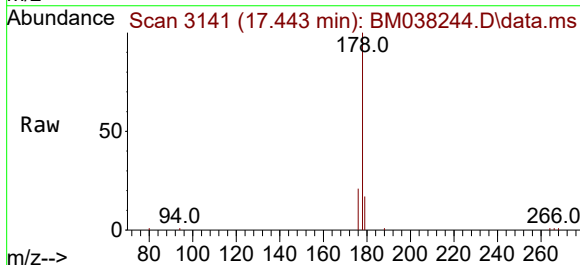


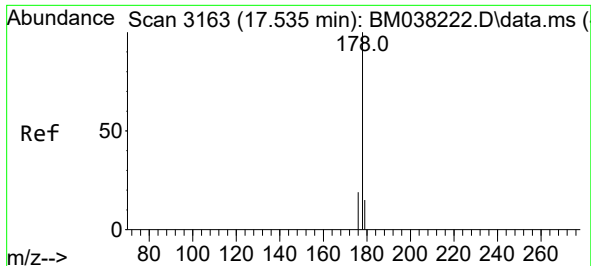
Tgt Ion:153 Resp: 650
Ion Ratio Lower Upper
153 100
152 60.0 39.4 59.0#
154 89.8 69.0 103.4



#15
Phenanthrene
Concen: 0.247 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

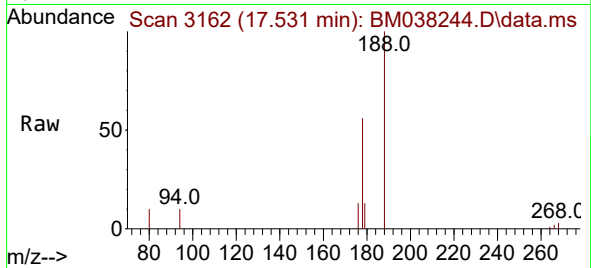
Tgt Ion:178 Resp: 11819
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.4
176 20.8 16.2 24.4



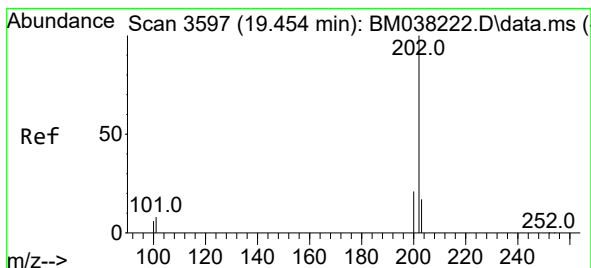
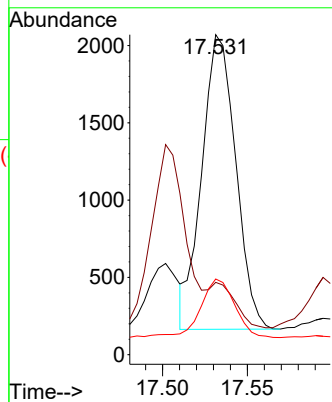
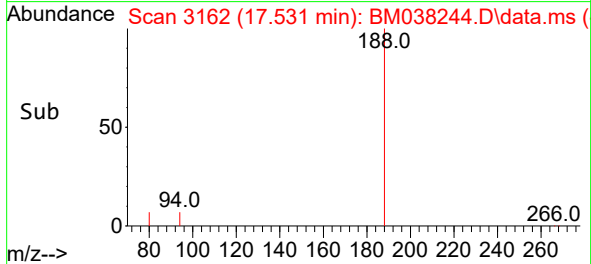


#16
 Anthracene
 Concen: 0.057 ng/ul
 RT: 17.531 min Scan# 3162
 Delta R.T. -0.008 min
 Lab File: BM038244.D
 Acq: 23 Dec 2022 22:09

Instrument :
 BNA_M
 ClientSampleId :

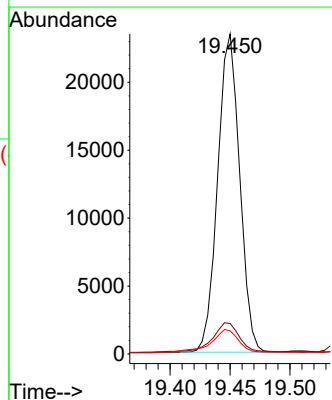
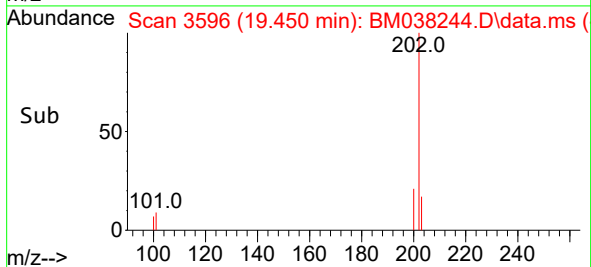
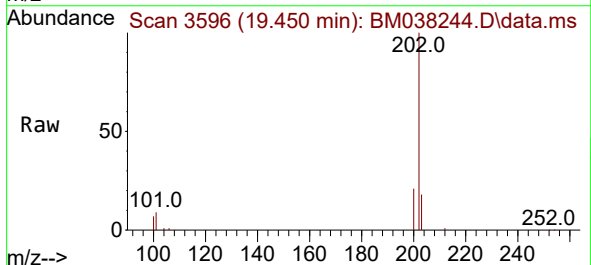


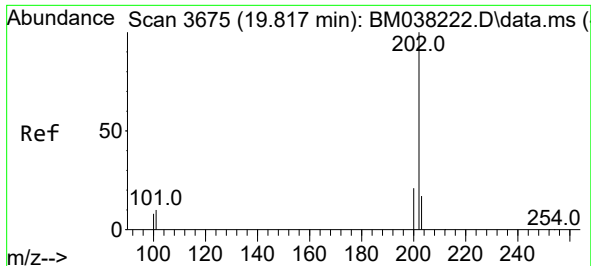
Tgt Ion:178 Resp: 2645
 Ion Ratio Lower Upper
 178 100
 179 22.6 13.0 19.6#
 176 23.7 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.606 ng/ul
 RT: 19.450 min Scan# 3596
 Delta R.T. -0.004 min
 Lab File: BM038244.D
 Acq: 23 Dec 2022 22:09

Tgt Ion:202 Resp: 29960
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.5 11.3
 100 7.3 5.6 8.4

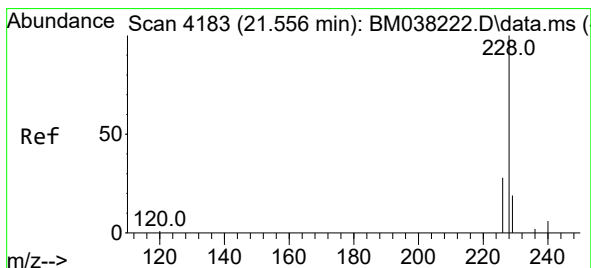
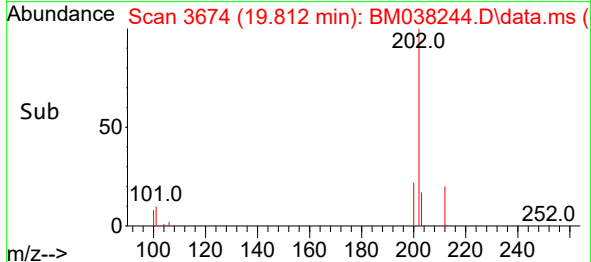
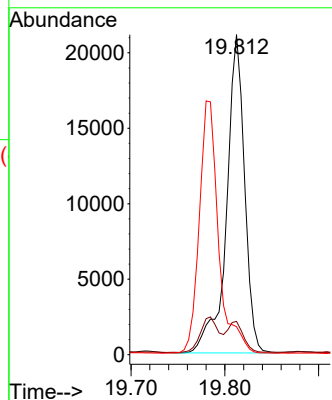
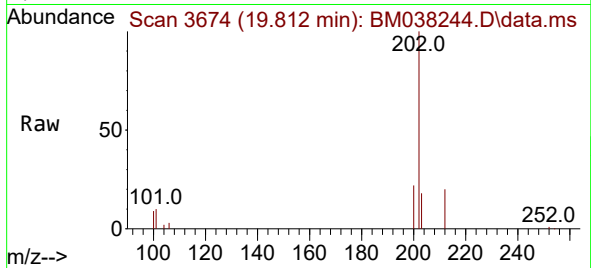




#20
Pyrene
Concen: 0.565 ng/ul
RT: 19.812 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

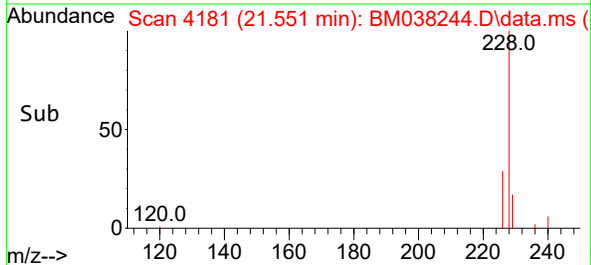
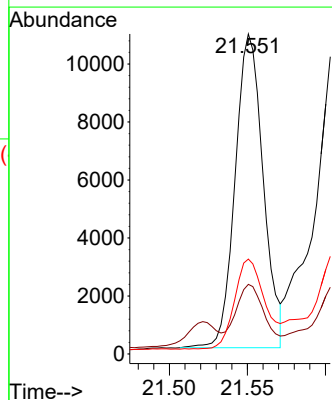
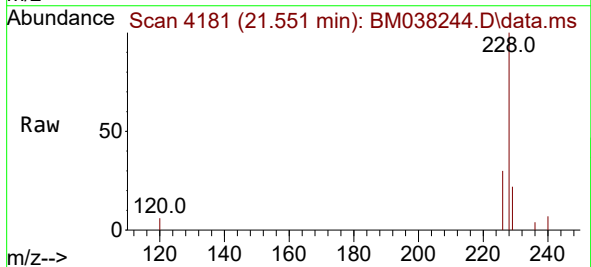
Instrument :
BNA_M
ClientSampleId :

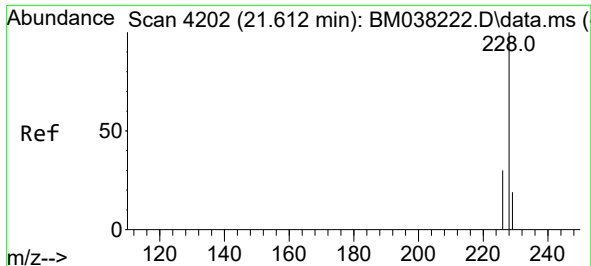
Tgt Ion:202 Resp: 28241
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.7 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. -0.009 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

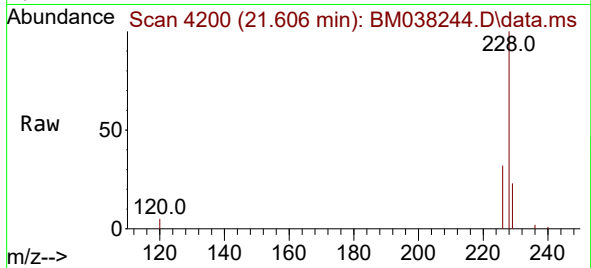
Tgt Ion:228 Resp: 13549
Ion Ratio Lower Upper
228 100
229 21.8 15.5 23.3
226 29.7 22.2 33.2



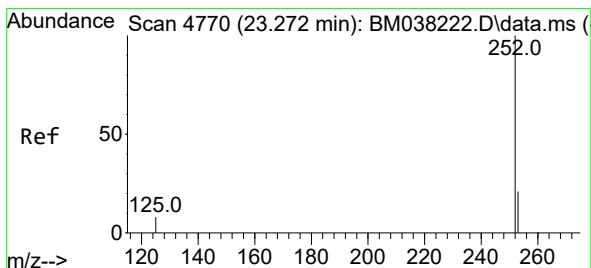
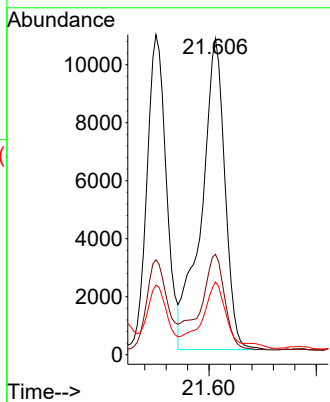
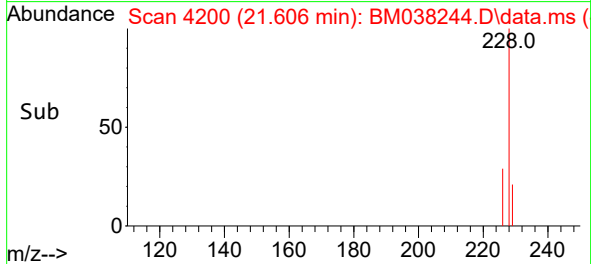


#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09

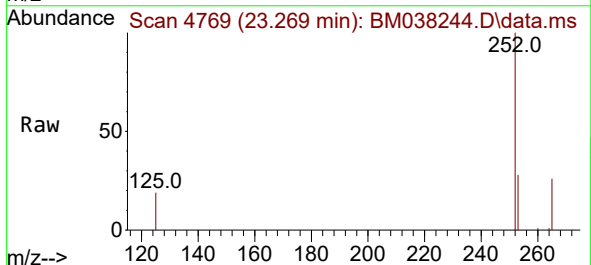
Instrument :
BNA_M
ClientSampleId :



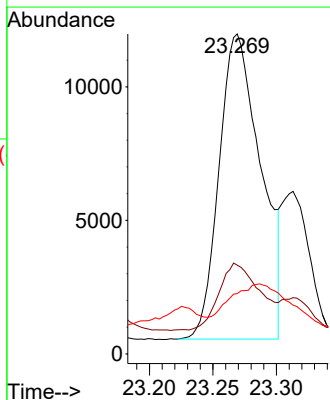
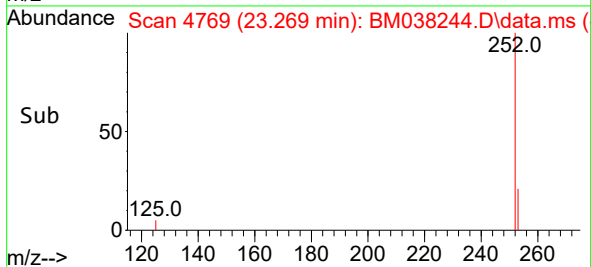
Tgt Ion:228 Resp: 16293
Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.4
229 23.0 16.0 24.0

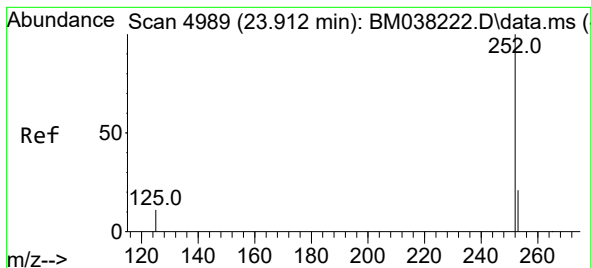


#24
Benzo(b)fluoranthene
Concen: 0.640 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038244.D
Acq: 23 Dec 2022 22:09



Tgt Ion:252 Resp: 26113
Ion Ratio Lower Upper
252 100
253 27.8 0.0 56.0
125 18.8 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.497 ng/ul

RT: 23.909 min Scan# 4989

Delta R.T. -0.003 min

Lab File: BM038244.D

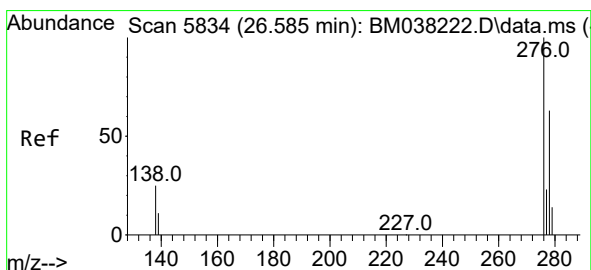
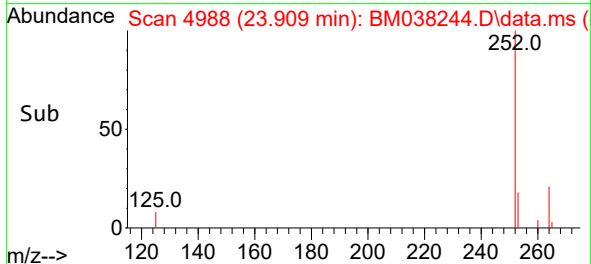
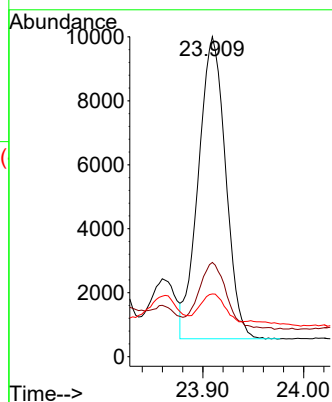
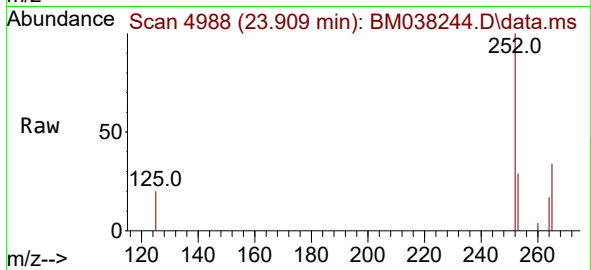
Acq: 23 Dec 2022 22:09

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	17690
Ion Ratio	Lower	Upper
252	100	
253	29.4	24.2 36.4
125	19.6	17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.307 ng/ul

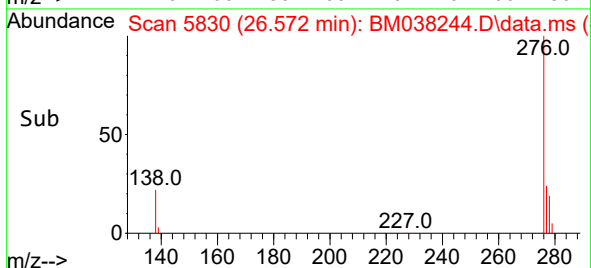
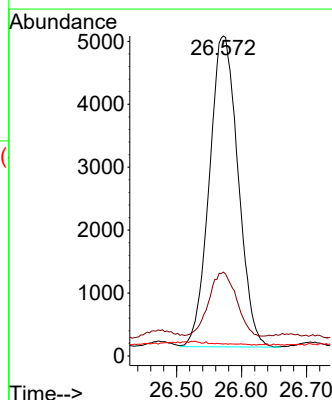
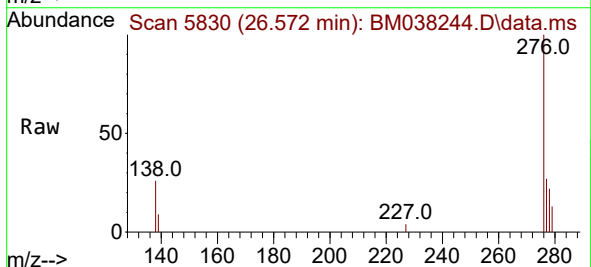
RT: 26.572 min Scan# 5830

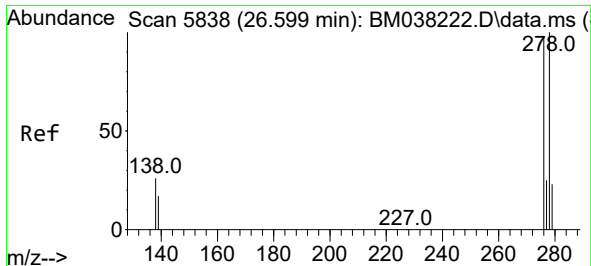
Delta R.T. -0.010 min

Lab File: BM038244.D

Acq: 23 Dec 2022 22:09

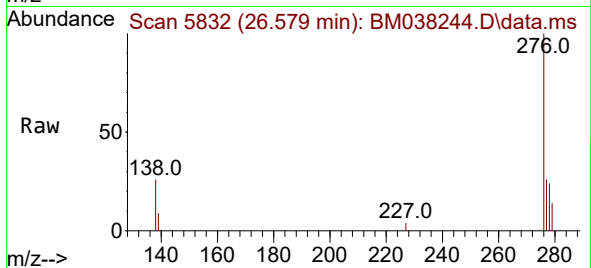
Tgt Ion:276	Resp:	15174
Ion Ratio	Lower	Upper
276	100	
138	20.6	21.7 32.5#
227	0.0	0.0 0.0



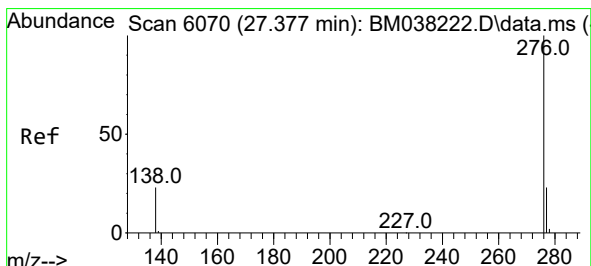
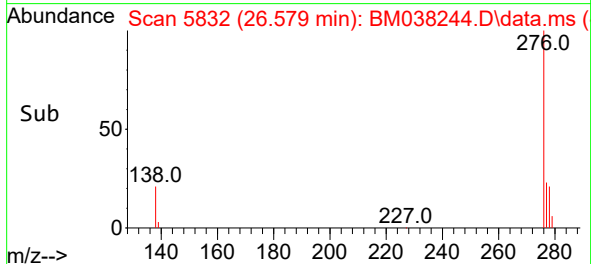
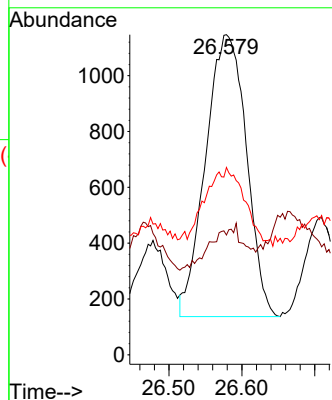


#28
 Dibenzo(a,h)anthracene
 Concen: 0.102 ng/ul
 RT: 26.579 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BM038244.D
 Acq: 23 Dec 2022 22:09

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 3921
 Ion Ratio Lower Upper
 278 100
 139 37.4 16.8 25.2#
 279 58.5 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.396 ng/ul
 RT: 27.367 min Scan# 6067
 Delta R.T. -0.003 min
 Lab File: BM038244.D
 Acq: 23 Dec 2022 22:09

Tgt Ion:276 Resp: 16446
 Ion Ratio Lower Upper
 276 100
 138 26.4 20.8 31.2
 277 24.9 20.5 30.7

