

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011123\
 Data File : BM038430.D
 Acq On : 11 Jan 2023 14:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 12 01:11:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 01:09:22 2023
 Response via : Initial Calibration

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

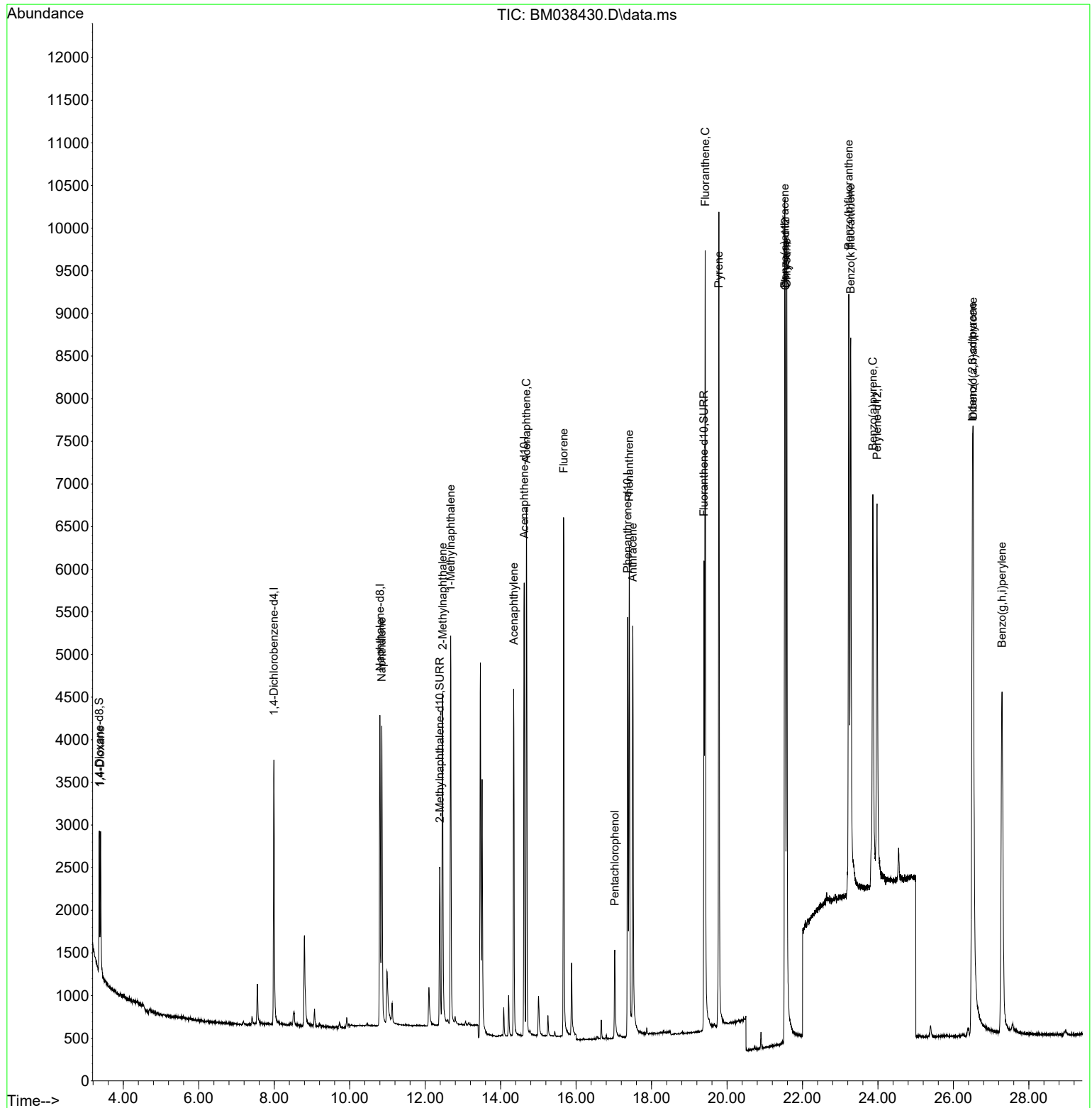
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	1757	0.400	ng/ul	0.00
4) Naphthalene-d8	10.801	136	5091	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.624	164	2927	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	6418	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	6664	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	6755	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	978	0.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.385	152	2740	0.359	ng/ul	-0.01
18) Fluoranthene-d10	19.389	212	6649	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	989	0.368	ng/ul	96
5) Naphthalene	10.851	128	5021	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.462	142	3028	0.362	ng/ul	97
8) 1-Methylnaphthalene	12.676	142	3110	0.366	ng/ul	97
10) Acenaphthylene	14.347	152	4685	0.344	ng/ul	99
11) Acenaphthene	14.685	153	3647	0.361	ng/ul	98
12) Fluorene	15.670	166	4111	0.359	ng/ul	98
14) Pentachlorophenol	17.025	266	891	0.390	ng/ul	96
15) Phenanthrene	17.409	178	6613	0.349	ng/ul	100
16) Anthracene	17.502	178	6016	0.345	ng/ul	99
19) Fluoranthene	19.422	202	8409	0.365	ng/ul	98
20) Pyrene	19.784	202	9000	0.365	ng/ul	97
21) Benzo(a)anthracene	21.530	228	8109	0.366	ng/ul	99
22) Chrysene	21.583	228	8686	0.371	ng/ul	99
24) Benzo(b)fluoranthene	23.228	252	9702	0.397	ng/ul	95
25) Benzo(k)fluoranthene	23.278	252	9637	0.395	ng/ul	95
26) Benzo(a)pyrene	23.865	252	9083	0.393	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.505	276	12015	0.355	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.525	278	9445	0.357	ng/ul	96
29) Benzo(g,h,i)perylene	27.290	276	10404	0.346	ng/ul	100

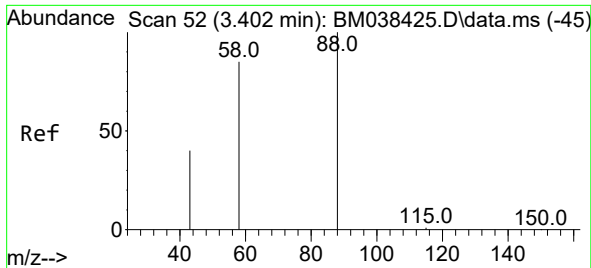
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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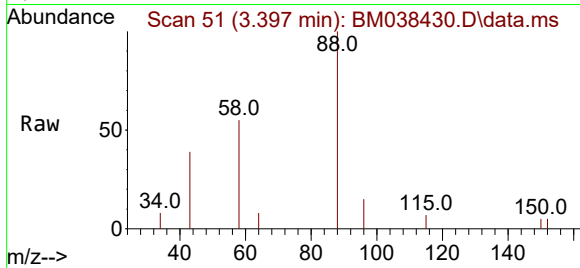
Quant Time: Jan 12 01:11:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 01:09:22 2023
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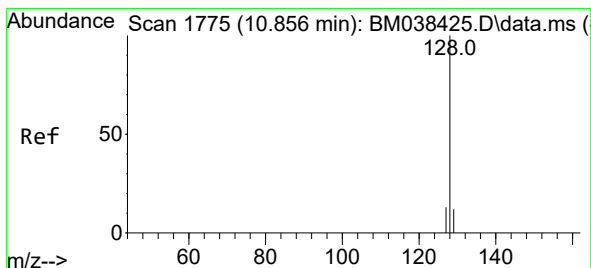
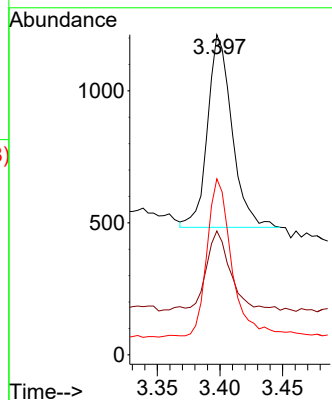
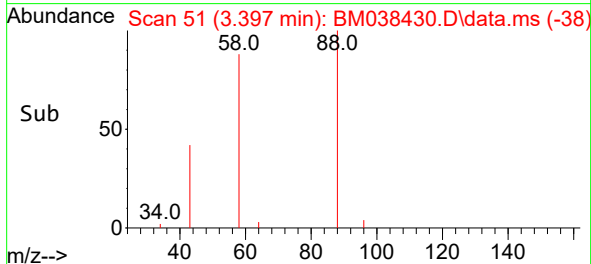
#2
1,4-Dioxane
Concen: 0.368 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

Instrument :
BNA_M
ClientSampleId :

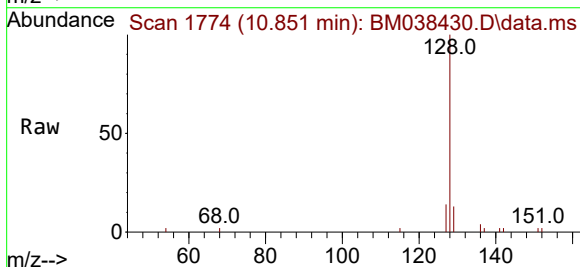


Tgt Ion: 88 Resp: 989

Ion	Ratio	Lower	Upper
88	100		
43	38.7	32.6	49.0
58	55.0	46.6	69.8

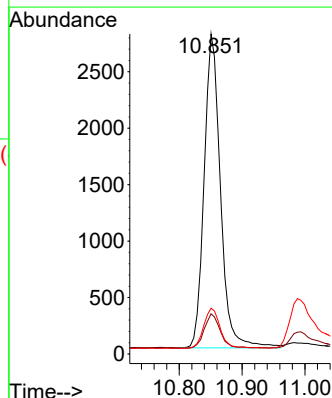
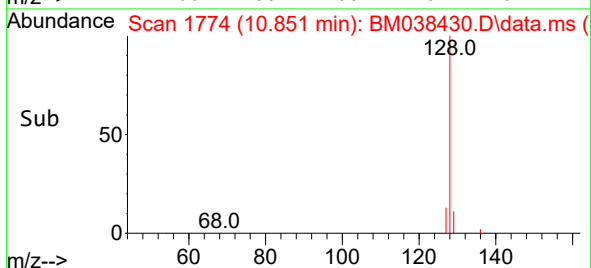


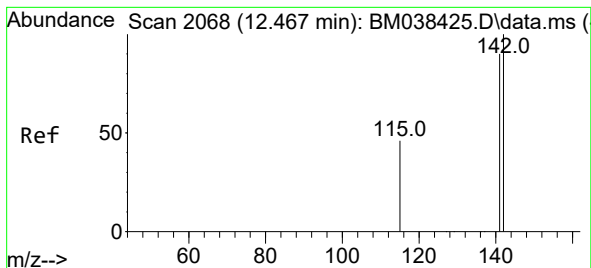
#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.851 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37



Tgt Ion: 128 Resp: 5021

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.2	15.2
127	14.3	11.4	17.2

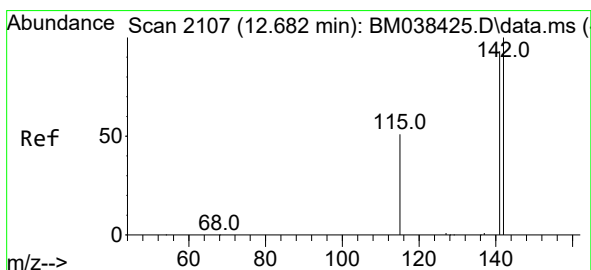
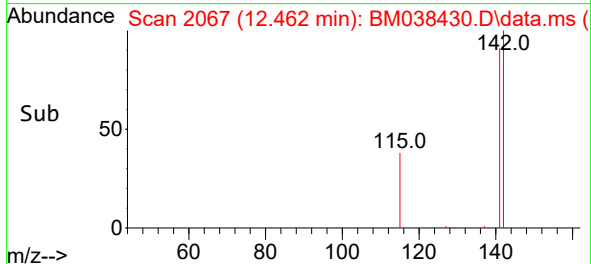
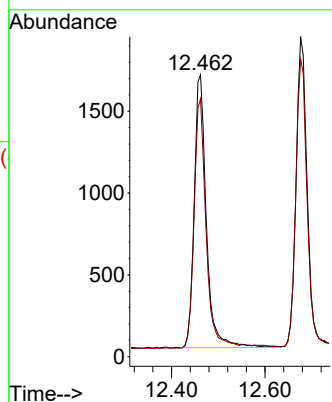
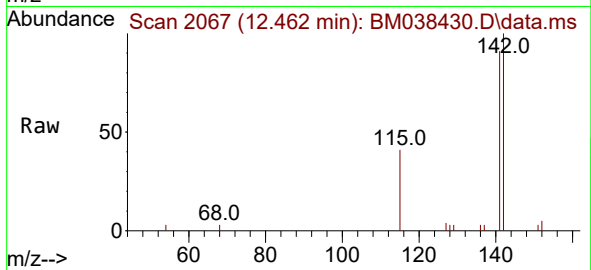




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.462 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

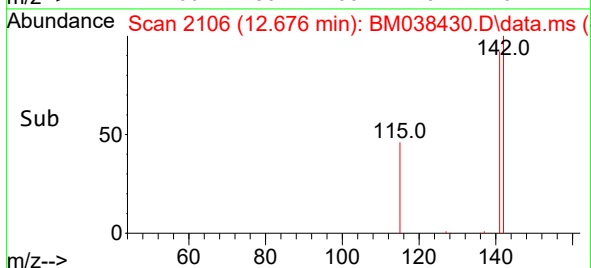
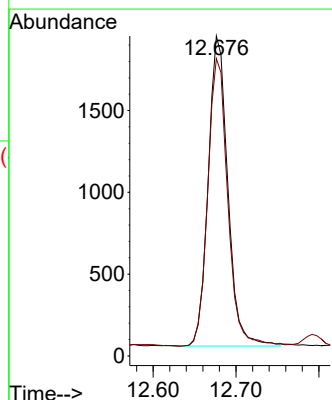
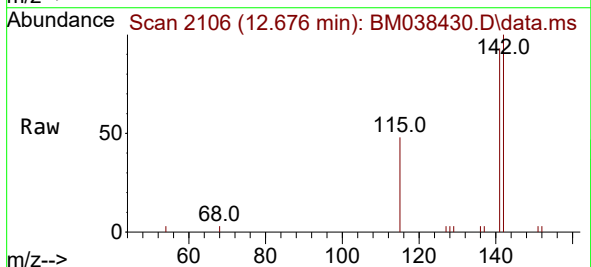
Instrument :
BNA_M
ClientSampleId :

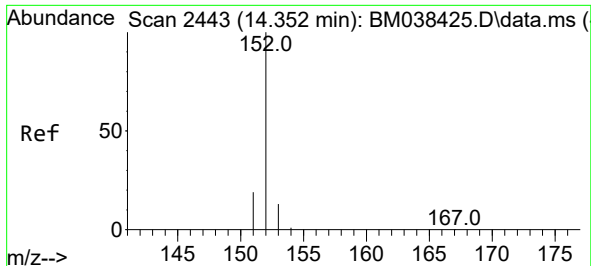
Tgt Ion:142 Resp: 3028
Ion Ratio Lower Upper
142 100
141 91.7 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.676 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

Tgt Ion:142 Resp: 3110
Ion Ratio Lower Upper
142 100
141 94.7 73.2 109.8

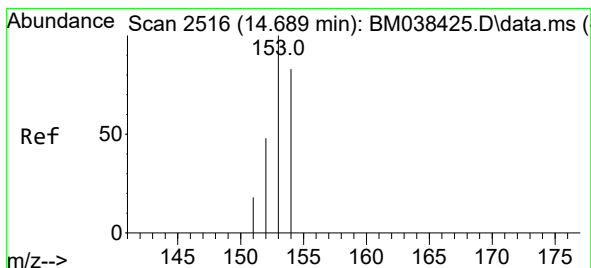
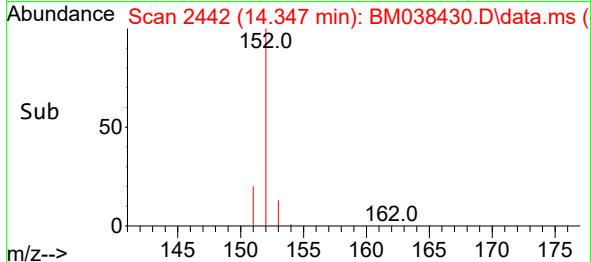
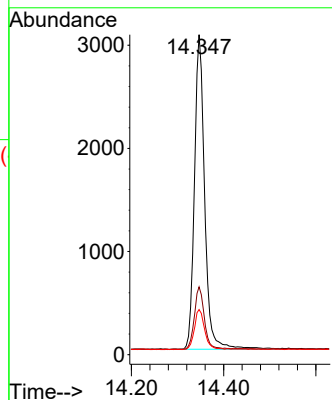
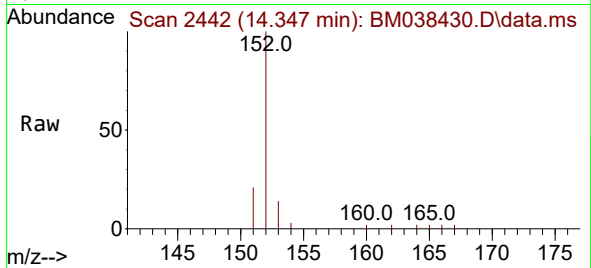




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.347 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

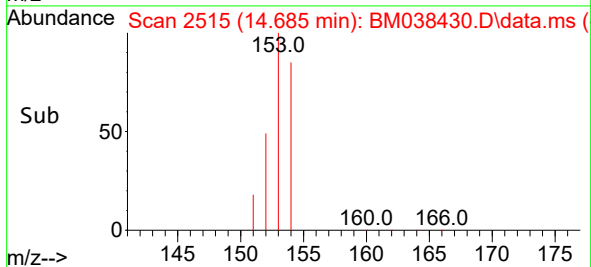
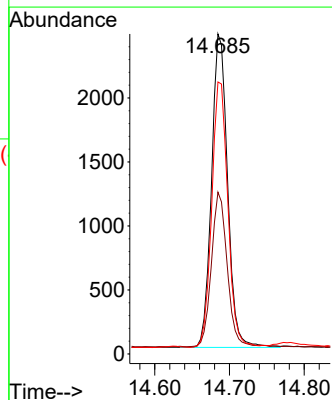
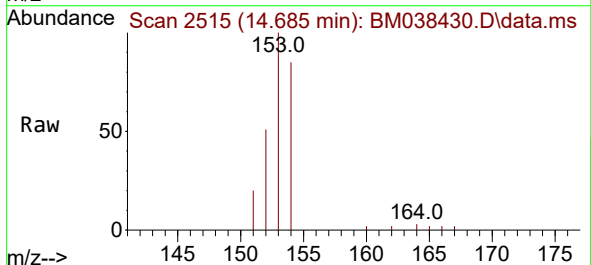
Instrument :
BNA_M
ClientSampleId :

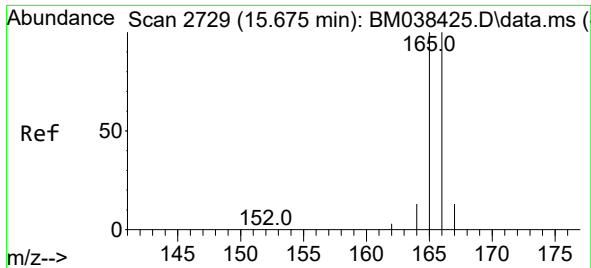
Tgt Ion:152 Resp: 4685
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.4
153 14.1 12.0 18.0



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.685 min Scan# 2515
Delta R.T. -0.005 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

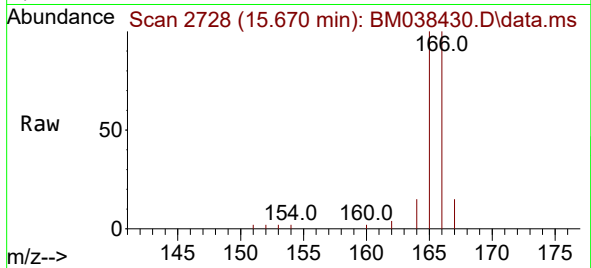
Tgt Ion:153 Resp: 3647
Ion Ratio Lower Upper
153 100
152 50.6 38.8 58.2
154 85.0 67.3 100.9



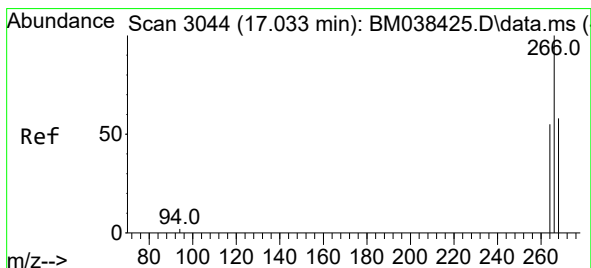
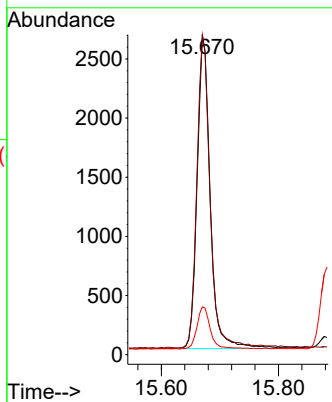
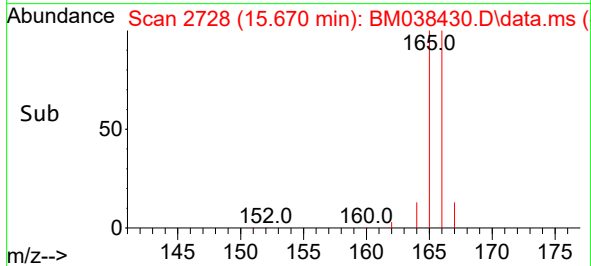


#12
 Fluorene
 Concen: 0.359 ng/ul
 RT: 15.670 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM038430.D
 Acq: 11 Jan 2023 14:37

Instrument :
 BNA_M
 ClientSampleId :

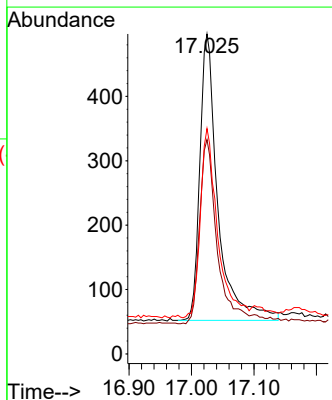
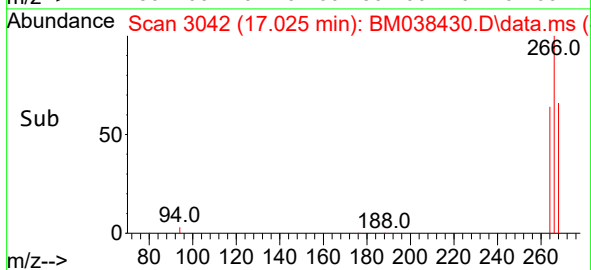
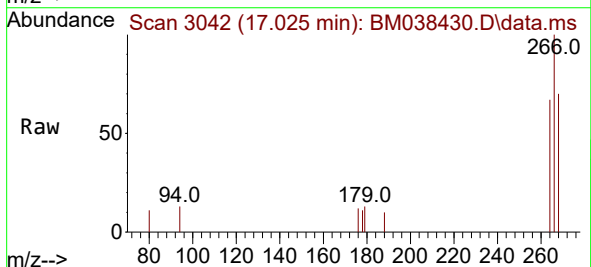


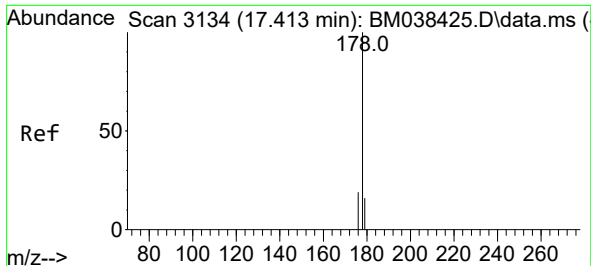
Tgt Ion:166 Resp: 4111
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.2 117.2
 167 14.9 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.390 ng/ul
 RT: 17.025 min Scan# 3042
 Delta R.T. -0.009 min
 Lab File: BM038430.D
 Acq: 11 Jan 2023 14:37

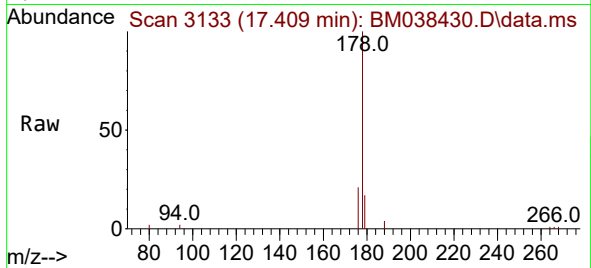
Tgt Ion:266 Resp: 891
 Ion Ratio Lower Upper
 266 100
 264 64.9 50.0 75.0
 268 63.4 48.2 72.2



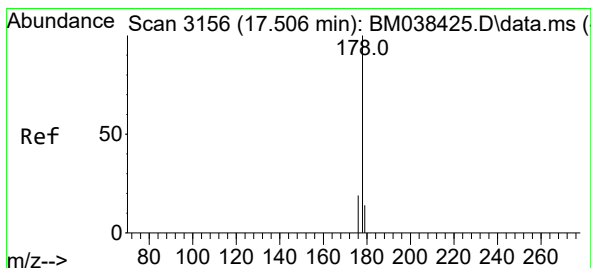
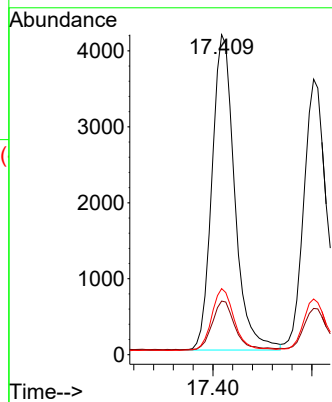
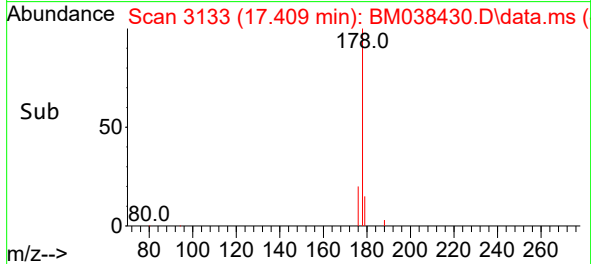


#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

Instrument :
BNA_M
ClientSampleId :

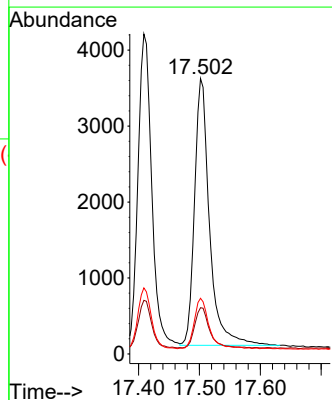
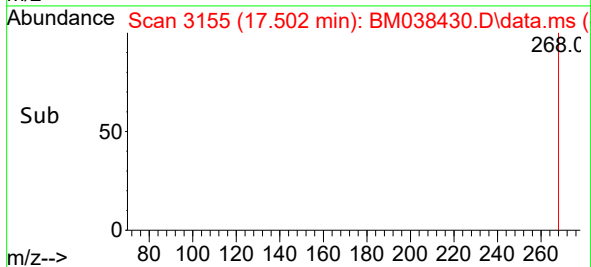
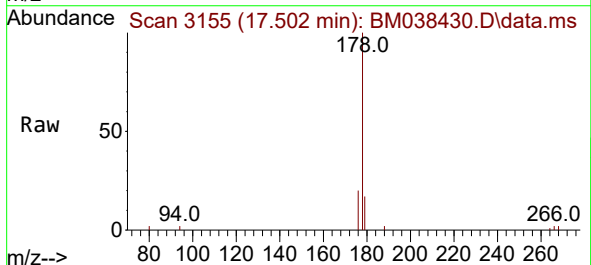


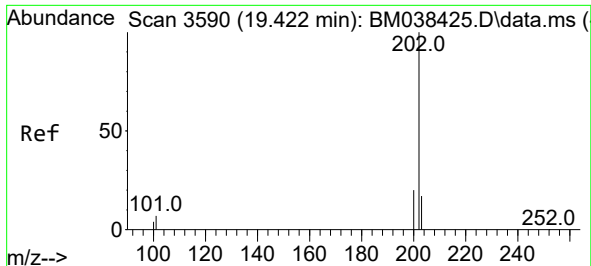
Tgt Ion:178 Resp: 6613
Ion Ratio Lower Upper
178 100
179 16.8 13.5 20.3
176 20.7 16.6 25.0



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

Tgt Ion:178 Resp: 6016
Ion Ratio Lower Upper
178 100
179 16.8 14.2 21.2
176 20.2 15.8 23.8

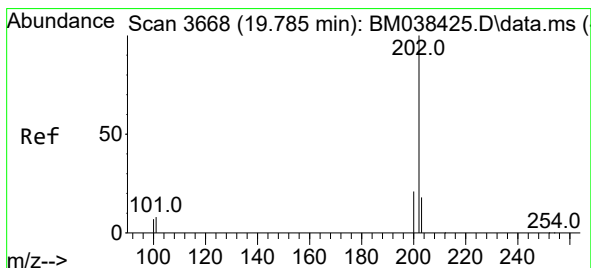
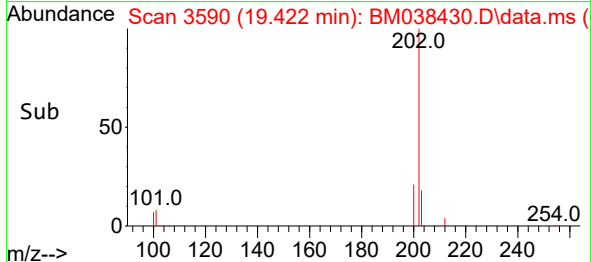
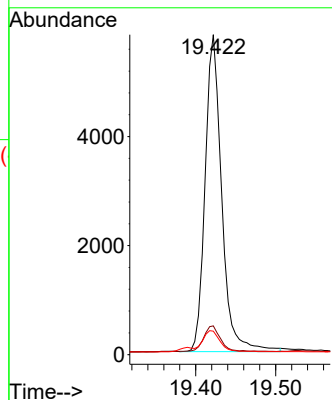
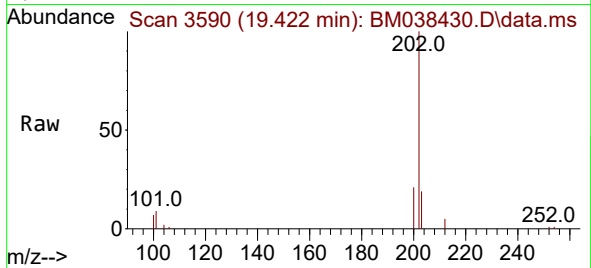




#19
Fluoranthene
Concen: 0.365 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

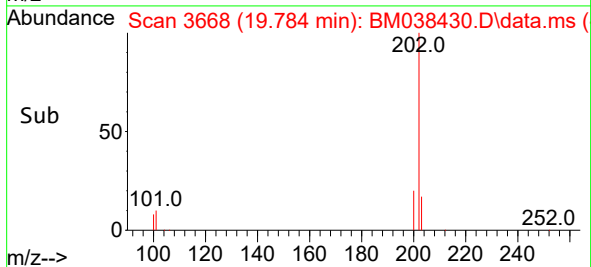
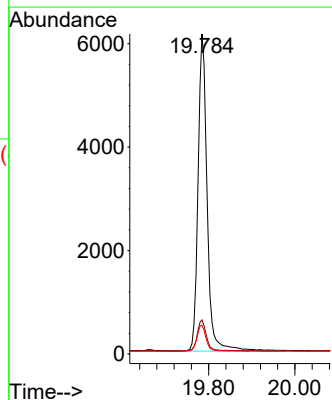
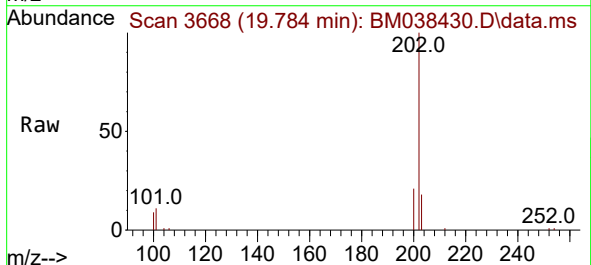
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BNA_M
ClientSampleId :

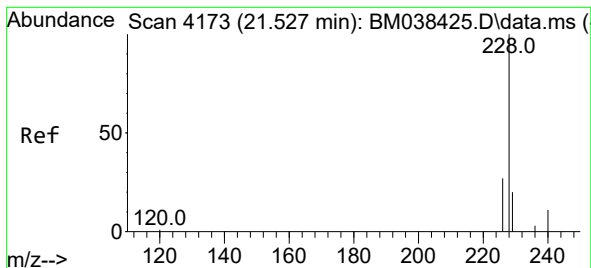
Tgt Ion:202 Resp: 8409
Ion Ratio Lower Upper
202 100
101 9.0 6.6 10.0
100 7.3 5.4 8.2



#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.784 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BM038430.D
Acq: 11 Jan 2023 14:37

Tgt Ion:202 Resp: 9000
Ion Ratio Lower Upper
202 100
101 10.6 7.8 11.6
100 9.0 6.5 9.7





#21

Benzo(a)anthracene

Concen: 0.366 ng/ul

RT: 21.530 min Scan# 4174

Delta R.T. 0.003 min

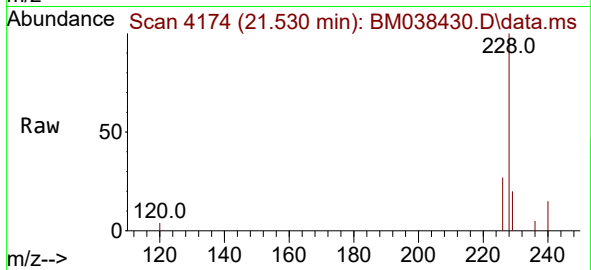
Lab File: BM038430.D

Acq: 11 Jan 2023 14:37

Instrument :

BNA_M

ClientSampleId :



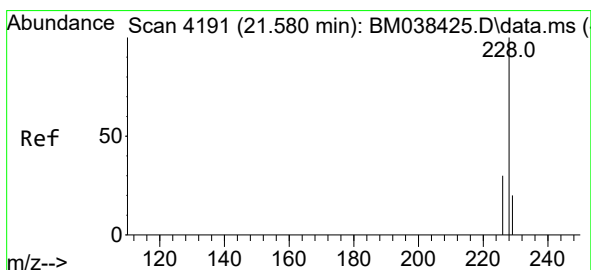
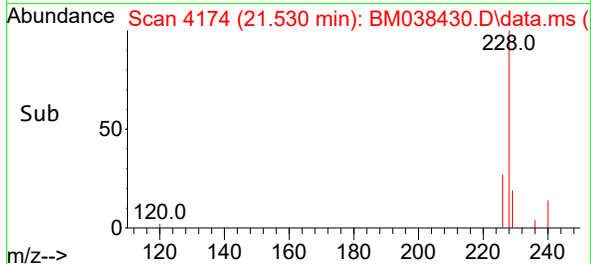
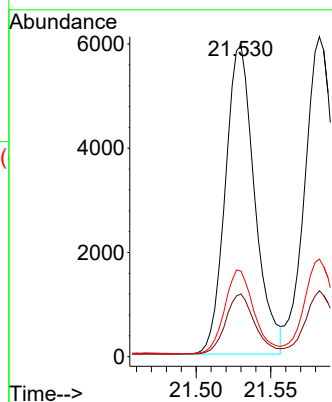
Tgt Ion:228 Resp: 8109

Ion Ratio Lower Upper

228 100

229 20.2 16.4 24.6

226 27.5 22.2 33.2



#22

Chrysene

Concen: 0.371 ng/ul

RT: 21.583 min Scan# 4192

Delta R.T. 0.003 min

Lab File: BM038430.D

Acq: 11 Jan 2023 14:37

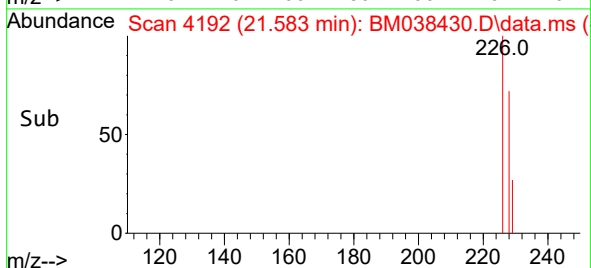
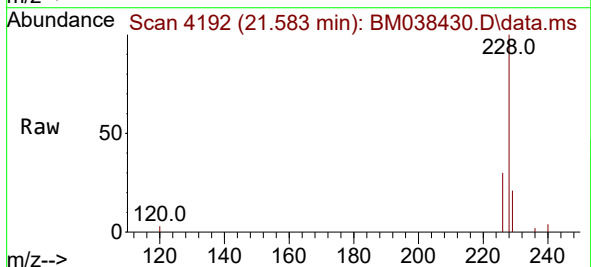
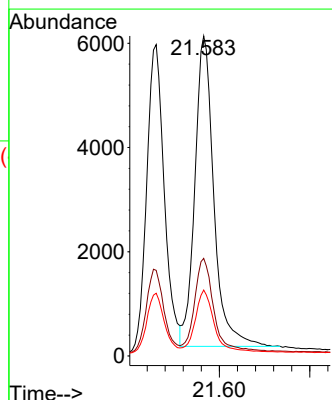
Tgt Ion:228 Resp: 8686

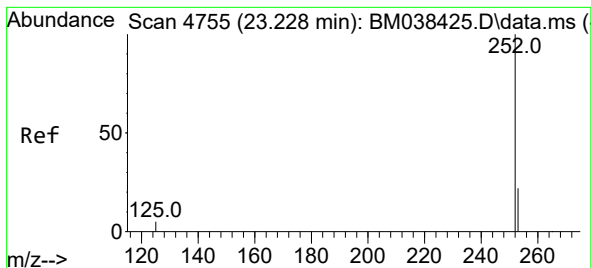
Ion Ratio Lower Upper

228 100

226 30.5 25.3 37.9

229 20.6 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.397 ng/ul

RT: 23.228 min Scan# 4755

Delta R.T. -0.000 min

Lab File: BM038430.D

Acq: 11 Jan 2023 14:37

Instrument :

BNA_M

ClientSampleId :

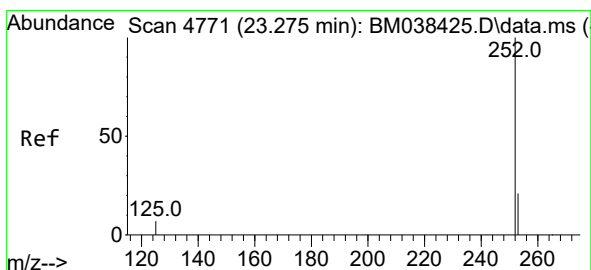
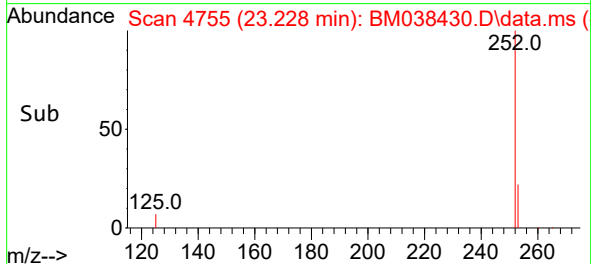
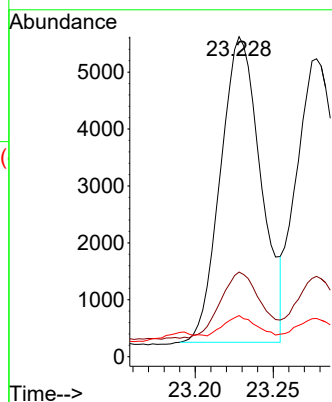
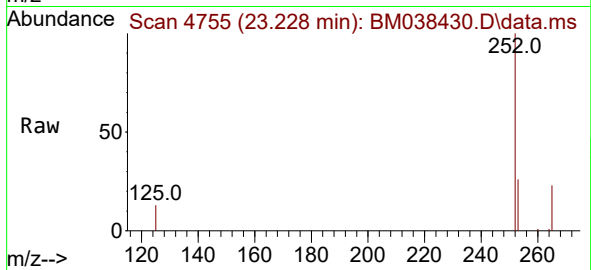
Tgt Ion:252 Resp: 9702

Ion Ratio Lower Upper

252 100

253 26.5 0.0 60.4

125 12.8 0.0 27.6



#25

Benzo(k)fluoranthene

Concen: 0.395 ng/ul

RT: 23.278 min Scan# 4772

Delta R.T. 0.003 min

Lab File: BM038430.D

Acq: 11 Jan 2023 14:37

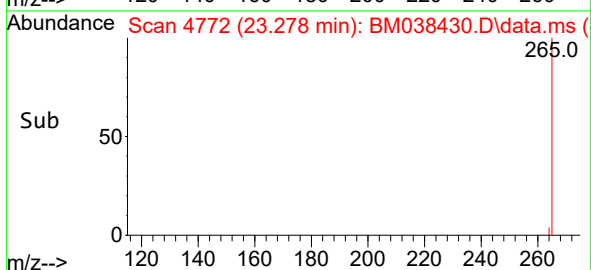
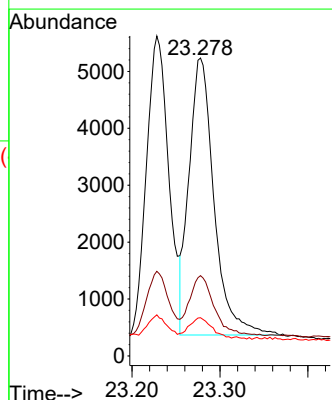
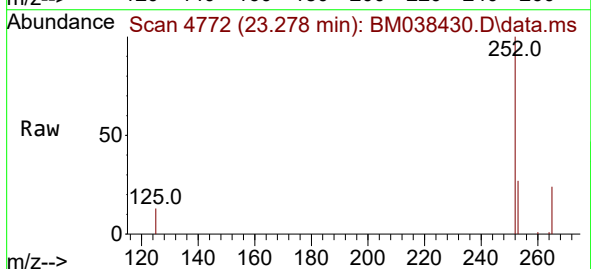
Tgt Ion:252 Resp: 9637

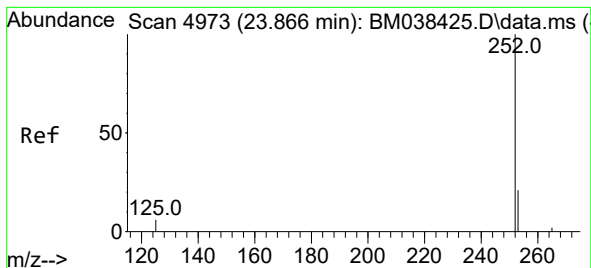
Ion Ratio Lower Upper

252 100

253 27.0 24.4 36.6

125 12.9 10.7 16.1





#26

Benzo(a)pyrene

Concen: 0.393 ng/ul

RT: 23.865 min Scan# 4973

Delta R.T. -0.000 min

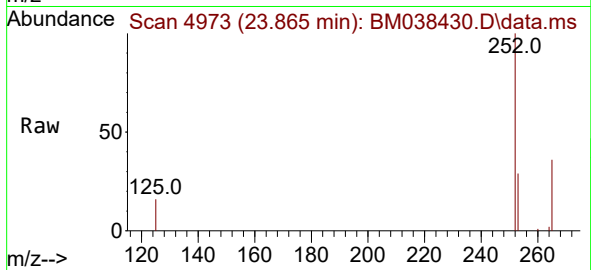
Lab File: BM038430.D

Acq: 11 Jan 2023 14:37

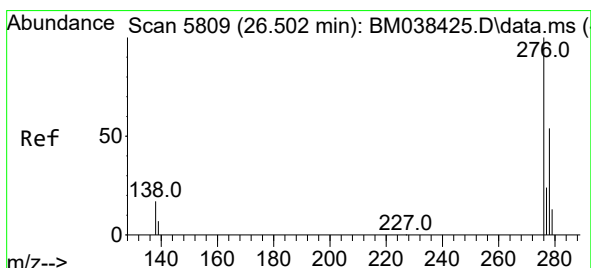
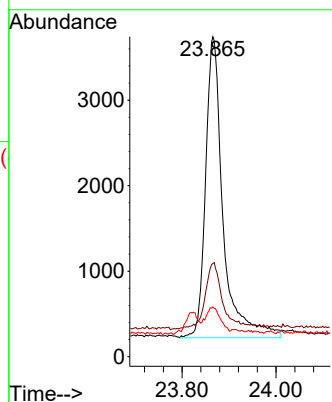
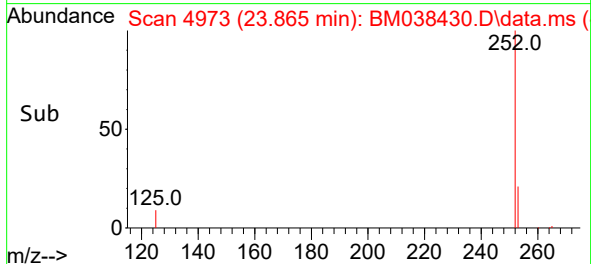
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	252	Resp:	9083
Ion Ratio	Lower	Upper	
252	100		
253	29.1	27.4	41.2
125	15.6	13.8	20.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng/ul

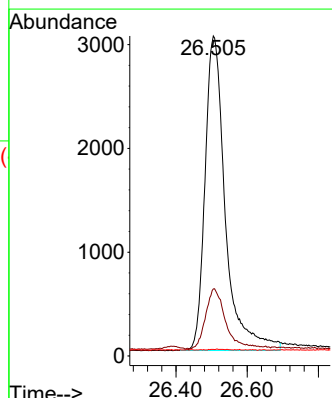
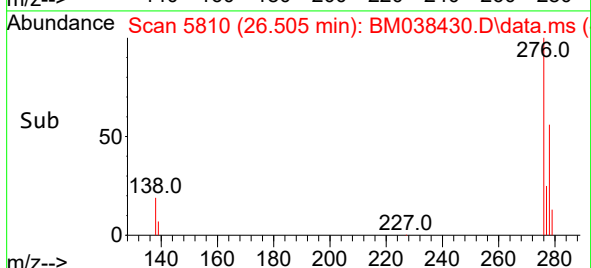
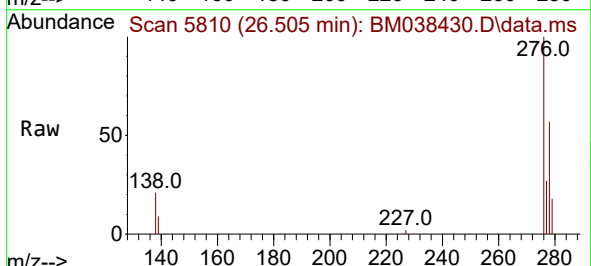
RT: 26.505 min Scan# 5810

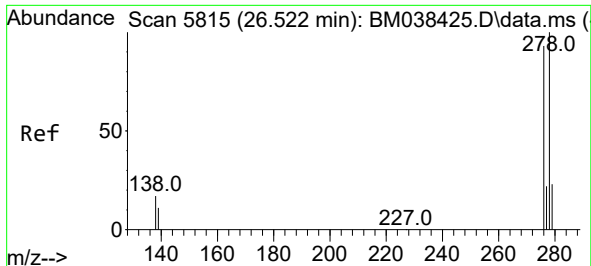
Delta R.T. 0.003 min

Lab File: BM038430.D

Acq: 11 Jan 2023 14:37

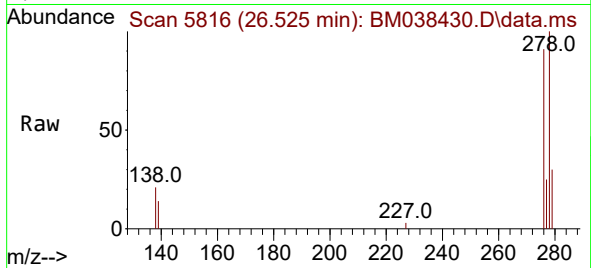
Tgt Ion:	276	Resp:	12015
Ion Ratio	Lower	Upper	
276	100		
138	18.7	14.1	21.1
227	0.0	0.1	0.1



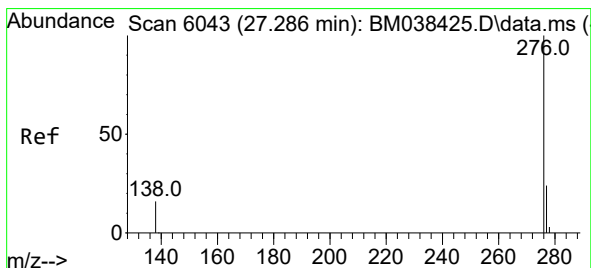
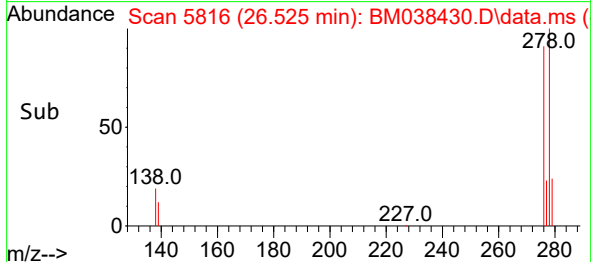
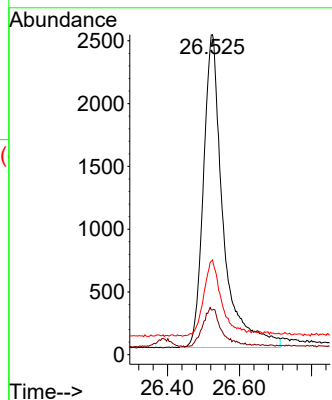


#28
 Dibenzo(a,h)anthracene
 Concen: 0.357 ng/ul
 RT: 26.525 min Scan# 5815
 Delta R.T. 0.003 min
 Lab File: BM038430.D
 Acq: 11 Jan 2023 14:37

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 9445
 Ion Ratio Lower Upper
 278 100
 139 14.0 11.4 17.0
 279 29.6 26.4 39.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.346 ng/ul
 RT: 27.290 min Scan# 6044
 Delta R.T. 0.003 min
 Lab File: BM038430.D
 Acq: 11 Jan 2023 14:37

Tgt Ion:276 Resp: 10404
 Ion Ratio Lower Upper
 276 100
 138 17.9 14.4 21.6
 277 26.1 20.7 31.1

