

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM038021.D
 Acq On : 15 Dec 2022 07:21
 Operator : CG/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 15 12:43:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

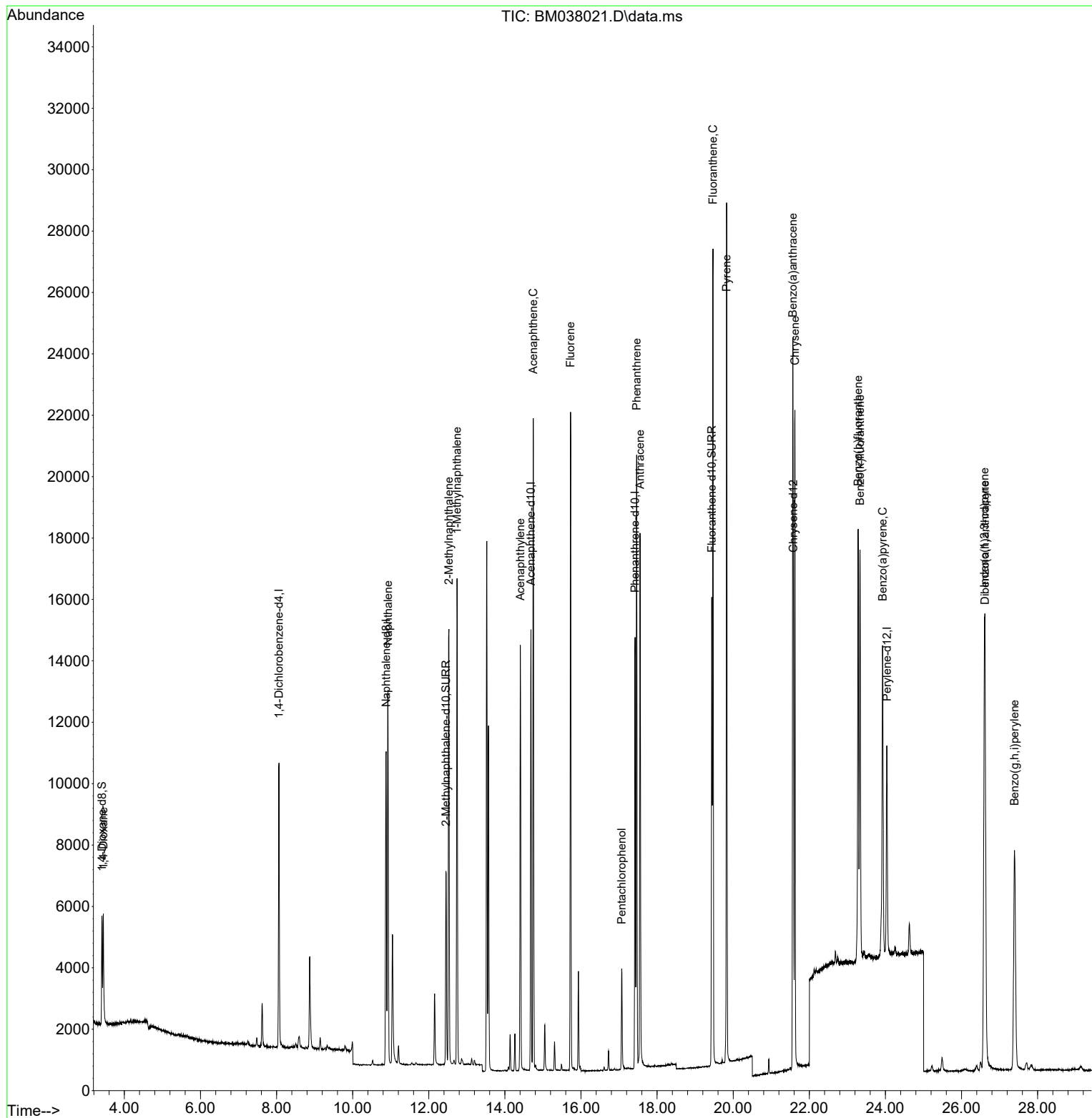
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	4850	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	13607	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	7471	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	15299	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	10778	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	9662	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2489	0.364	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	8129	0.422	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	15237	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	2360	0.349	ng/ul#	71
5) Naphthalene	10.928	128	16881	0.406	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	10357	0.423	ng/ul	98
8) 1-Methylnaphthalene	12.742	142	10634	0.423	ng/ul	100
10) Acenaphthylene	14.407	152	15405	0.363	ng/ul	100
11) Acenaphthene	14.745	153	11886	0.391	ng/ul	94
12) Fluorene	15.725	166	13252	0.380	ng/ul	99
14) Pentachlorophenol	17.071	266	2247	0.345	ng/ul	99
15) Phenanthrene	17.464	178	20646	0.389	ng/ul	99
16) Anthracene	17.552	178	19043	0.393	ng/ul	99
19) Fluoranthene	19.468	202	21978	0.386	ng/ul	97
20) Pyrene	19.826	202	22438	0.388	ng/ul	100
21) Benzo(a)anthracene	21.565	228	18322	0.372	ng/ul	99
22) Chrysene	21.621	228	18502	0.362	ng/ul	99
24) Benzo(b)fluoranthene	23.281	252	18452	0.344	ng/ul	100
25) Benzo(k)fluoranthene	23.333	252	17743	0.353	ng/ul	98
26) Benzo(a)pyrene	23.927	252	15869	0.365	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.602	276	19455	0.367	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.619	278	15114	0.372	ng/ul	99
29) Benzo(g,h,i)perylene	27.394	276	16188	0.368	ng/ul	100

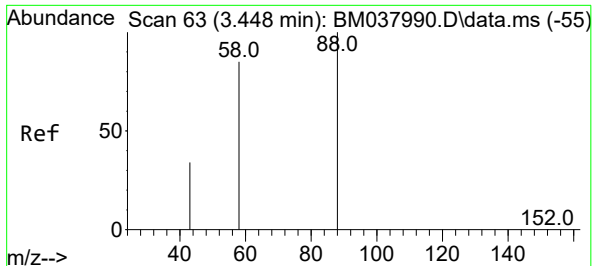
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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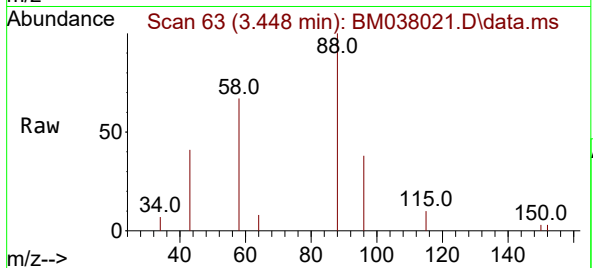
Quant Time: Dec 15 12:43:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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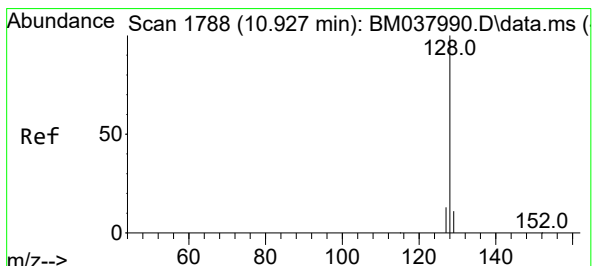
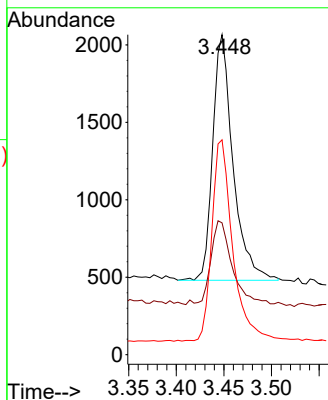
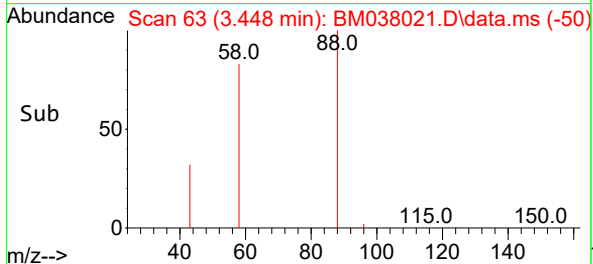


#2
1,4-Dioxane
Concen: 0.349 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

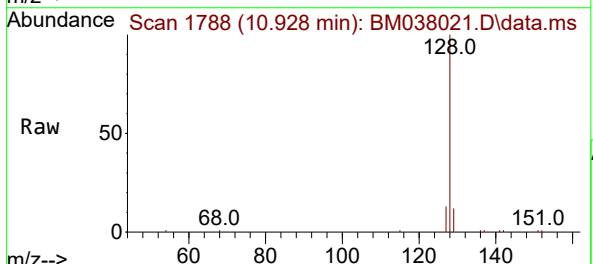
Instrument :
BNA_M
ClientSampleId :



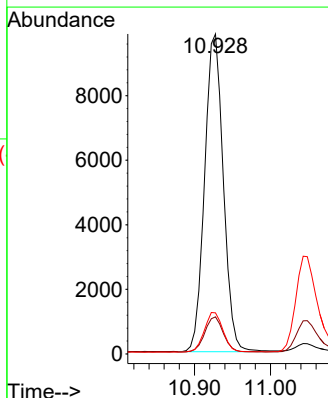
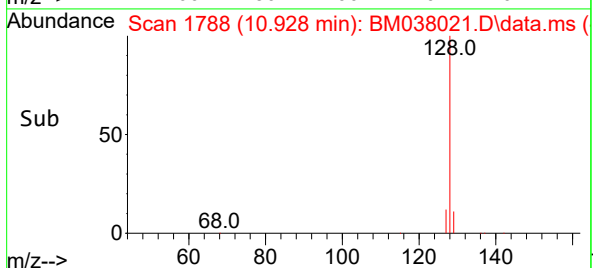
Tgt Ion: 88 Resp: 2360
Ion Ratio Lower Upper
88 100
43 41.2 25.5 38.3#
58 67.1 33.8 50.8#

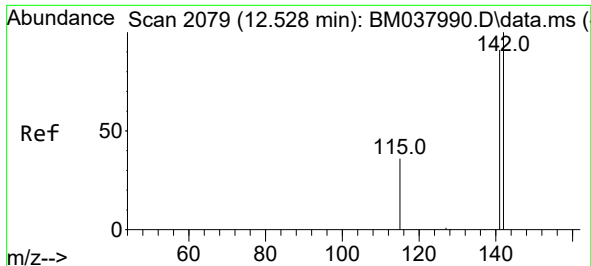


#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21



Tgt Ion: 128 Resp: 16881
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 12.9 10.8 16.2

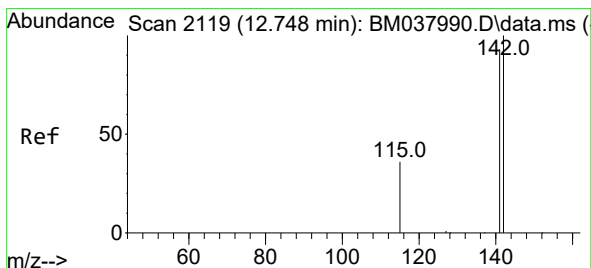
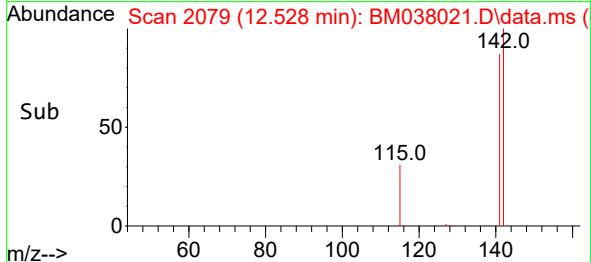
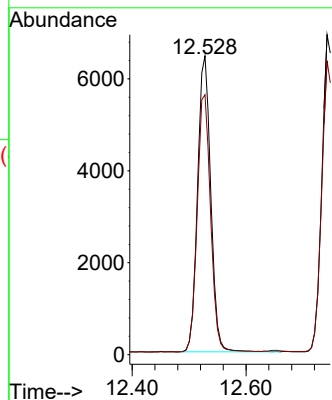
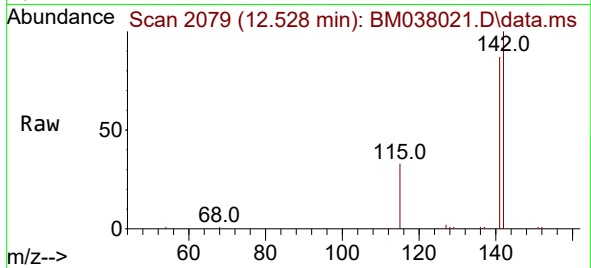




#7
2-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

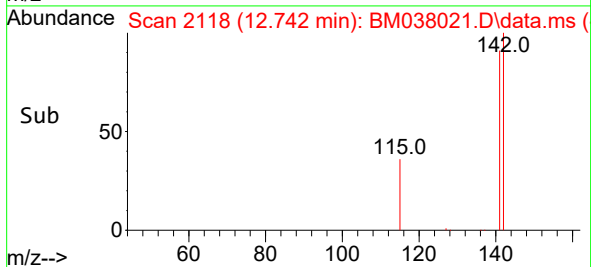
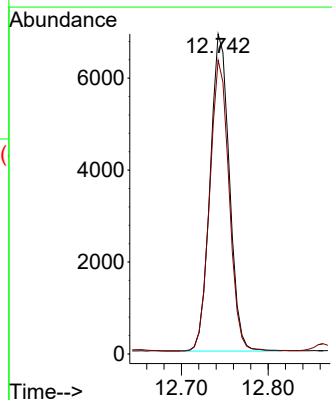
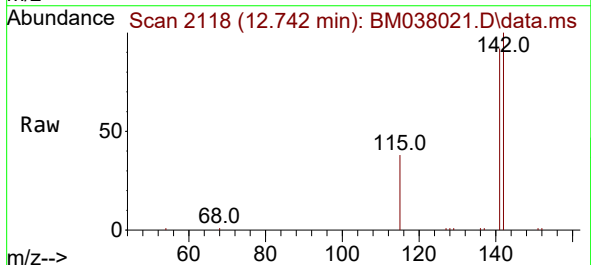
Instrument :
BNA_M
ClientSampleId :

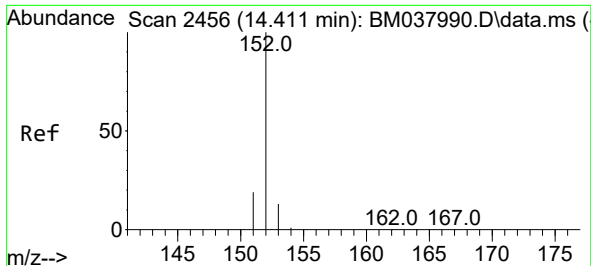
Tgt Ion:142 Resp: 10357
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

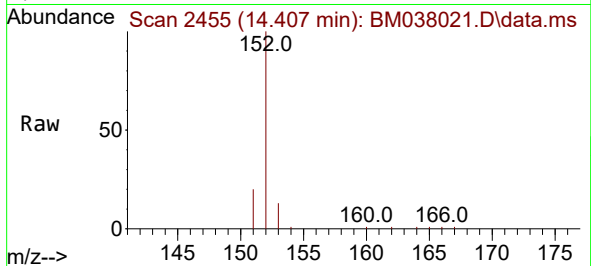
Tgt Ion:142 Resp: 10634
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7



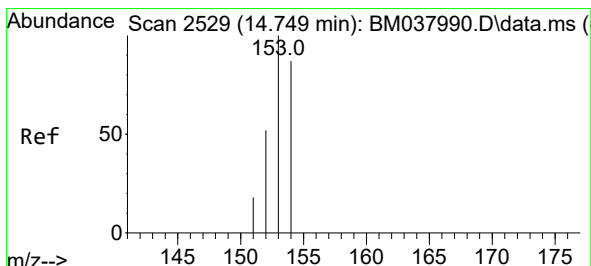
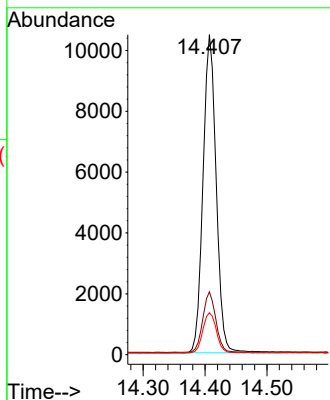
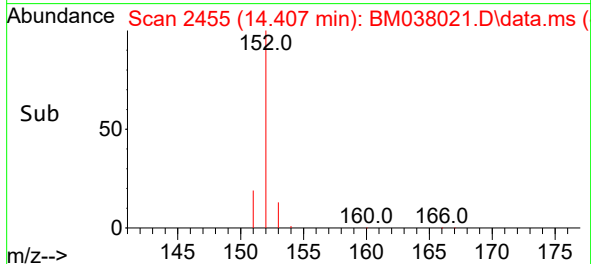


#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.407 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

Instrument :
BNA_M
ClientSampleId :

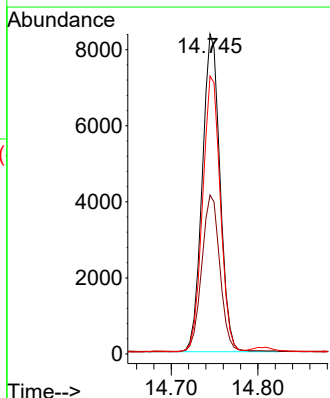
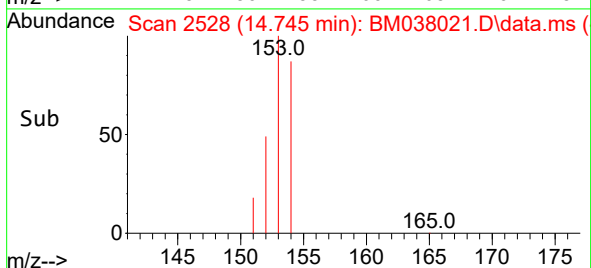
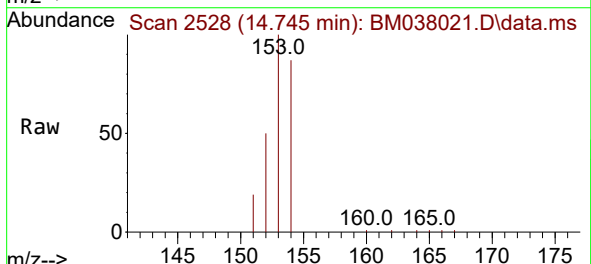


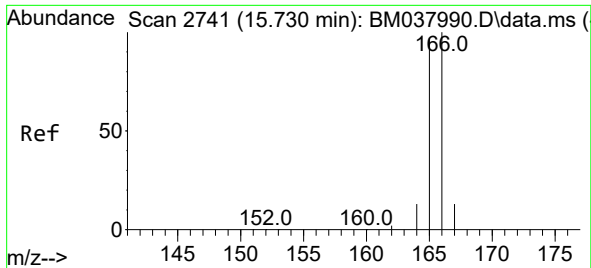
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.7	16.1



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.010 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.7	47.1	70.7
154	86.8	70.7	106.1

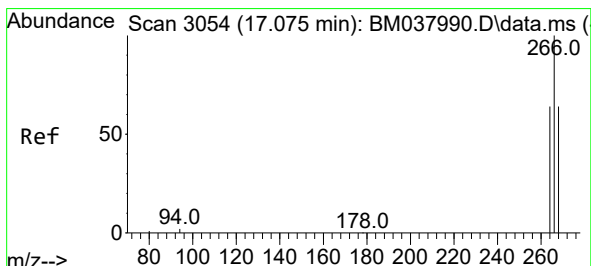
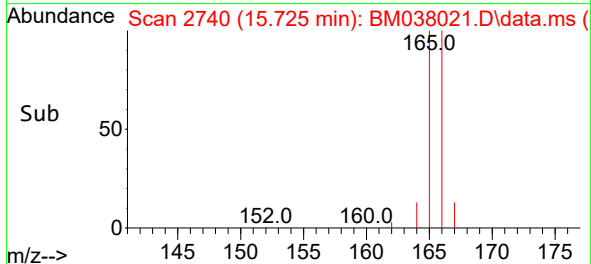
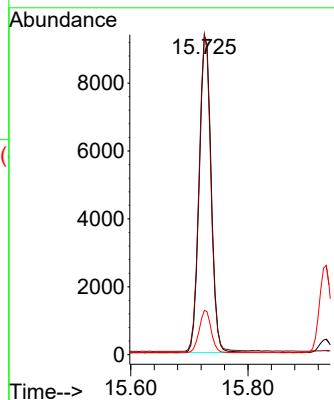
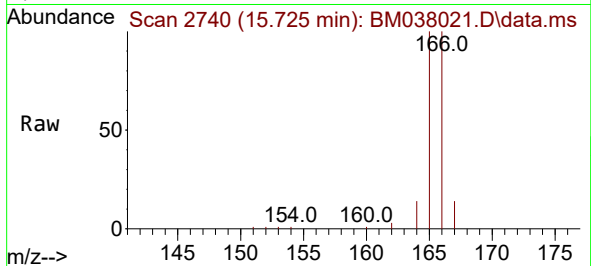




#12
 Fluorene
 Concen: 0.380 ng/ul
 RT: 15.725 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BM038021.D
 Acq: 15 Dec 2022 07:21

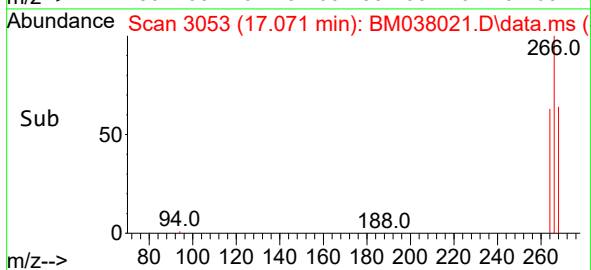
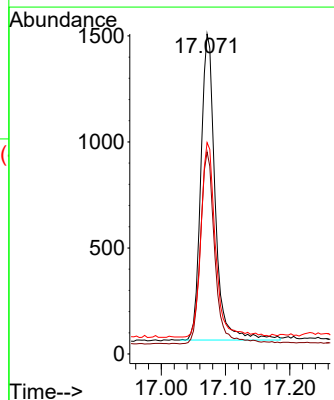
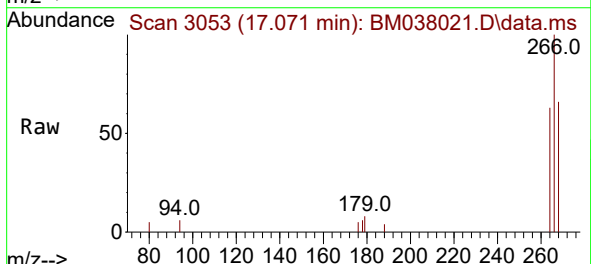
Instrument :
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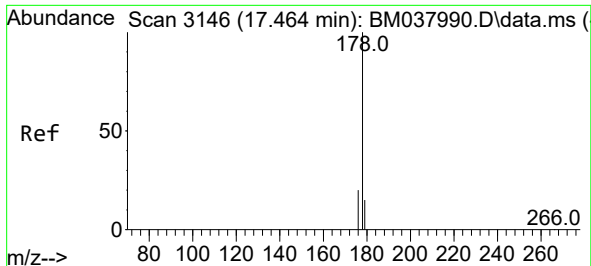
Tgt Ion:166 Resp: 13252
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.6
 167 13.8 11.7 17.5



#14
 Pentachlorophenol
 Concen: 0.345 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. -0.009 min
 Lab File: BM038021.D
 Acq: 15 Dec 2022 07:21

Tgt Ion:266 Resp: 2247
 Ion Ratio Lower Upper
 266 100
 264 63.2 50.9 76.3
 268 64.4 50.4 75.6

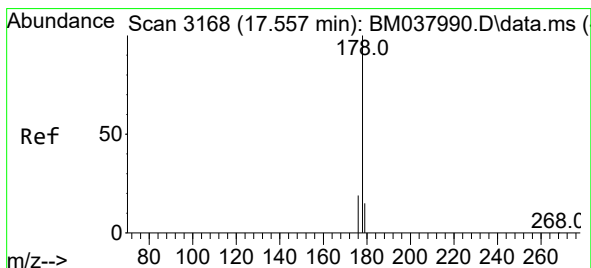
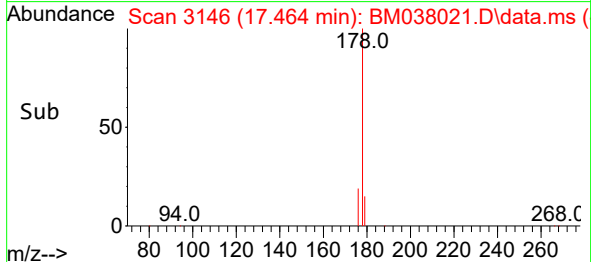
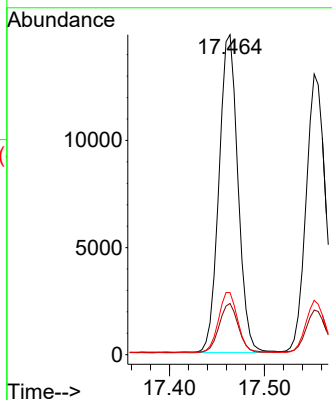
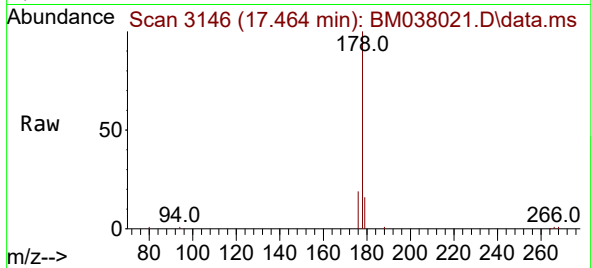




#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

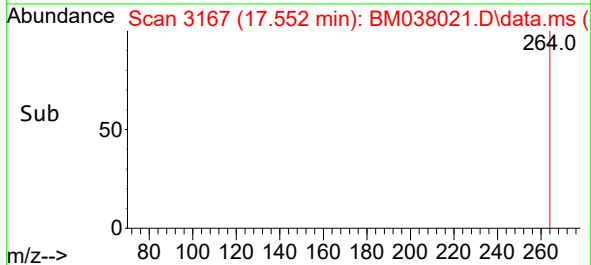
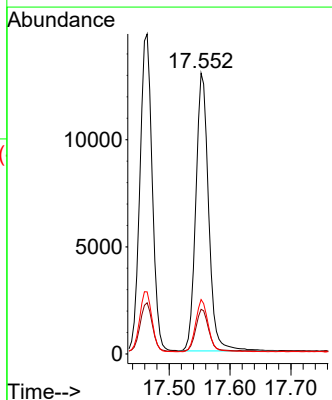
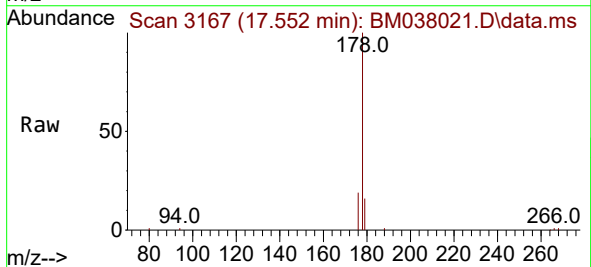
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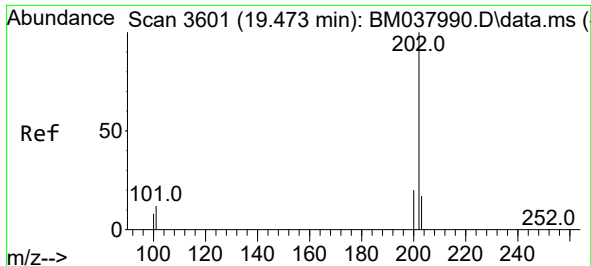
Tgt Ion:178 Resp: 20646
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.4 16.2 24.2



#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

Tgt Ion:178 Resp: 19043
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.0
176 19.4 15.8 23.6

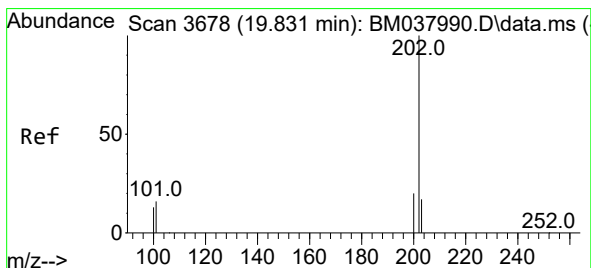
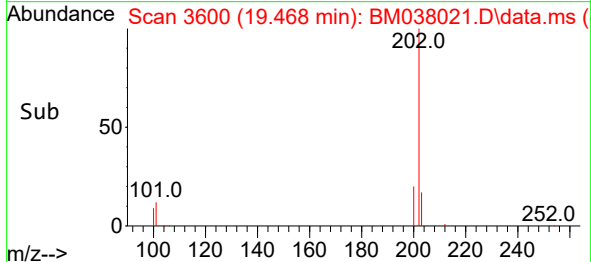
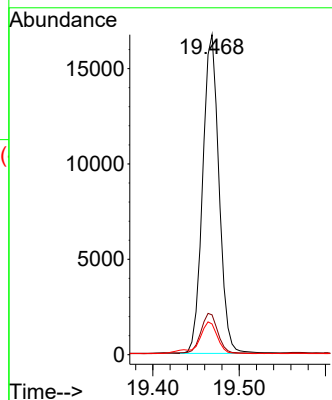
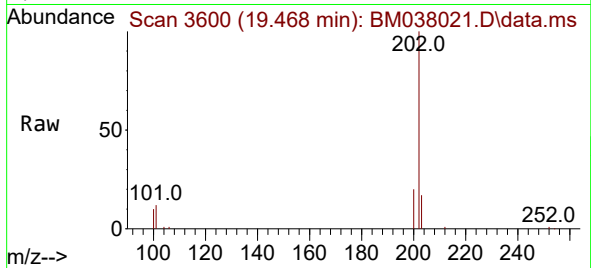




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

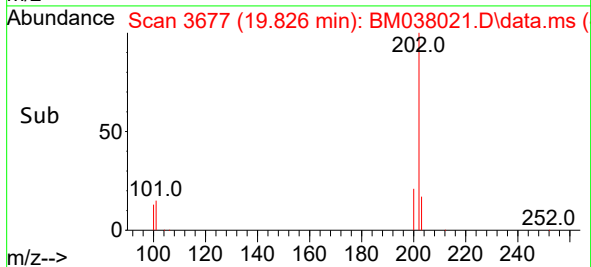
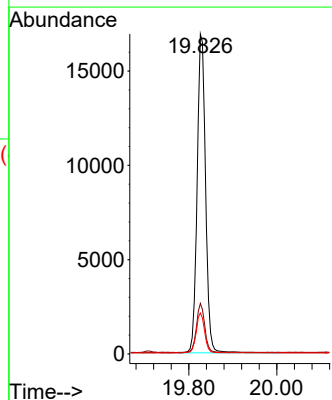
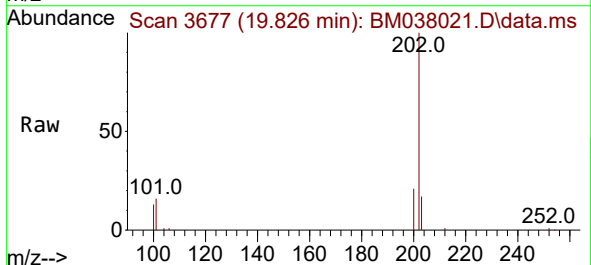
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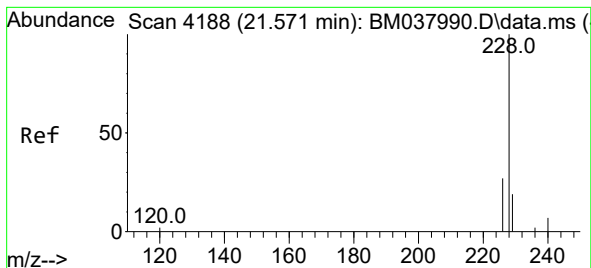
Tgt Ion:202 Resp: 21978
Ion Ratio Lower Upper
202 100
101 12.4 10.9 16.3
100 9.6 8.5 12.7



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. -0.010 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

Tgt Ion:202 Resp: 22438
Ion Ratio Lower Upper
202 100
101 15.8 12.6 19.0
100 12.8 10.6 15.8





#21

Benzo(a)anthracene

Concen: 0.372 ng/ul

RT: 21.565 min Scan# 41

Delta R.T. -0.009 min

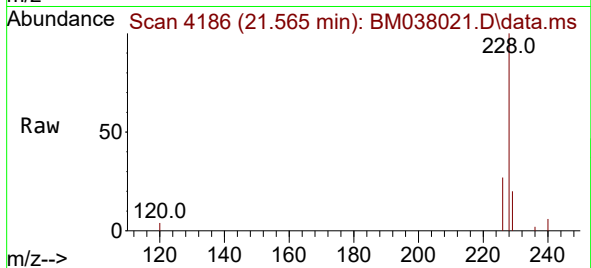
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Acq: 15 Dec 2022 07:21

Instrument :

BNA_M

ClientSampleId :



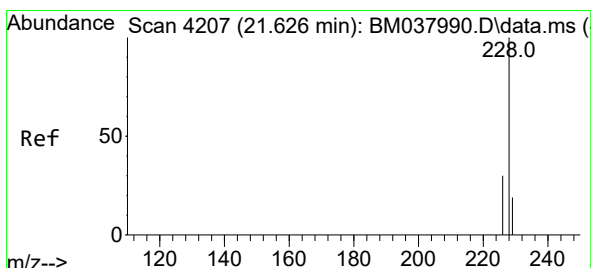
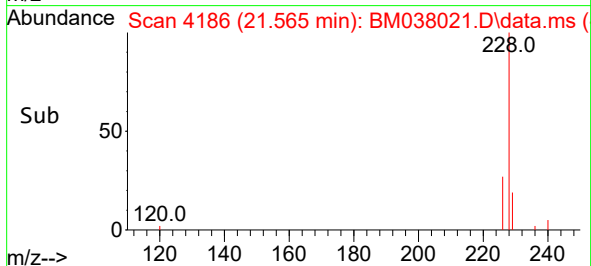
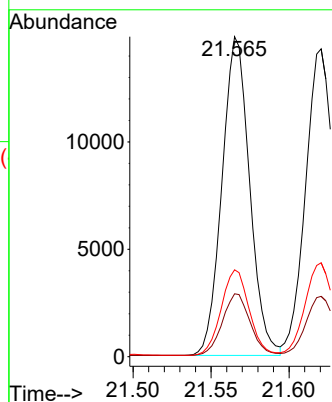
Tgt Ion:228 Resp: 18322

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 27.2 21.0 31.4



#22

Chrysene

Concen: 0.362 ng/ul

RT: 21.621 min Scan# 4205

Delta R.T. -0.009 min

Lab File: BM038021.D

Acq: 15 Dec 2022 07:21

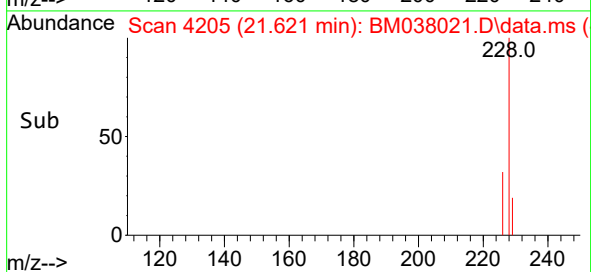
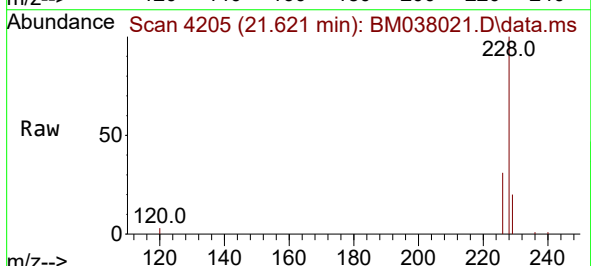
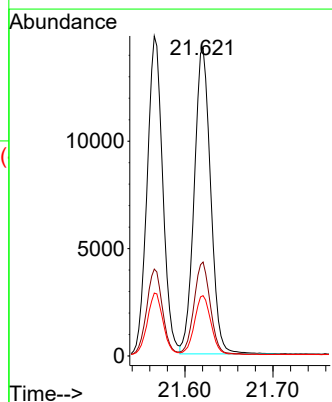
Tgt Ion:228 Resp: 18502

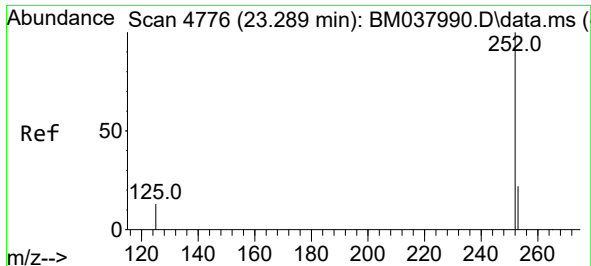
Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

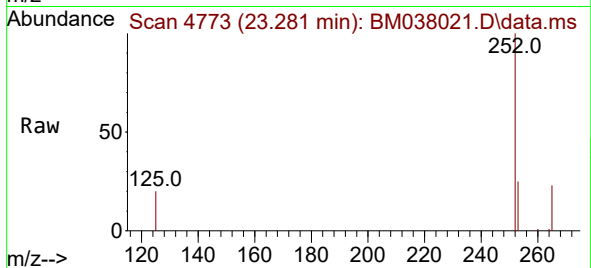
229 19.6 15.8 23.8



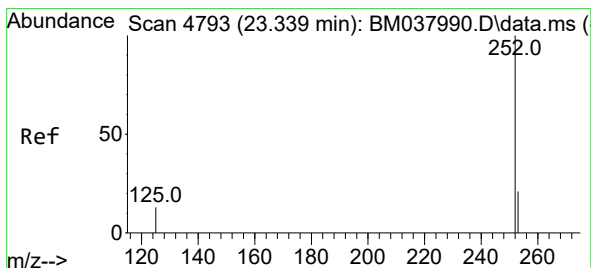
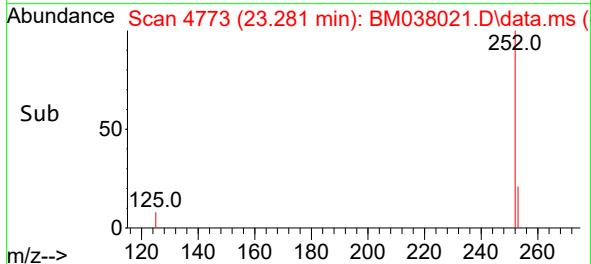
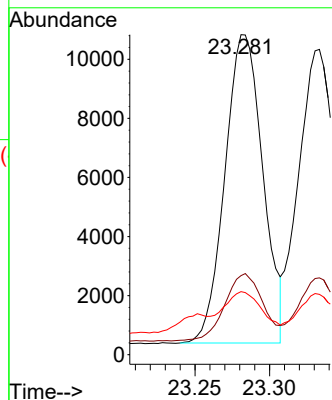


#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. -0.015 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

Instrument :
BNA_M
ClientSampleId :

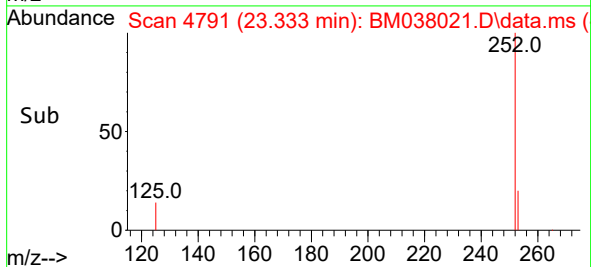
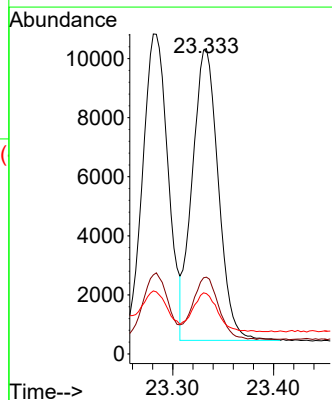
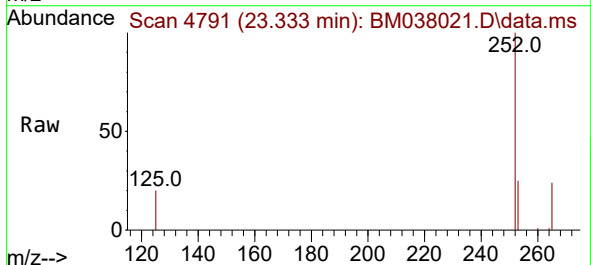


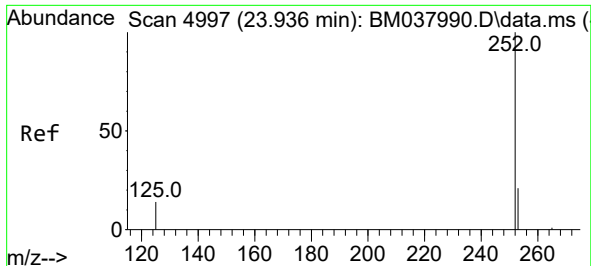
Tgt Ion:252 Resp: 18452
Ion Ratio Lower Upper
252 100
253 24.7 0.0 49.6
125 19.7 0.0 39.6



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.009 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

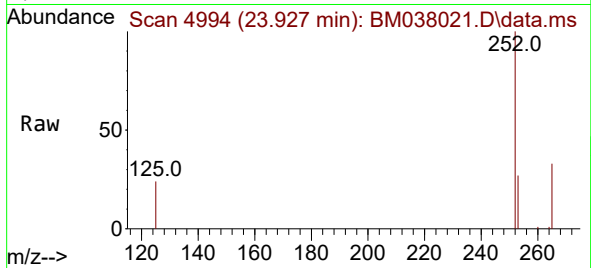
Tgt Ion:252 Resp: 17743
Ion Ratio Lower Upper
252 100
253 25.2 19.4 29.0
125 19.8 16.7 25.1



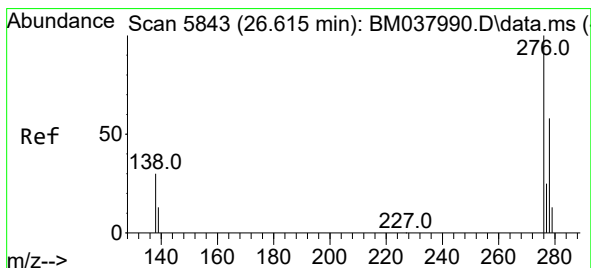
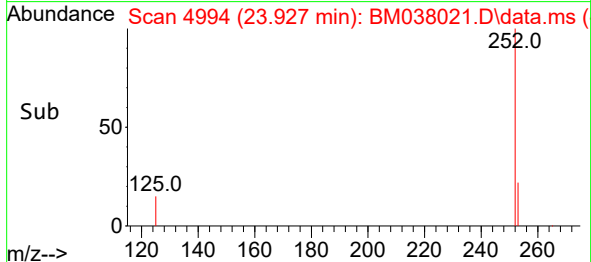
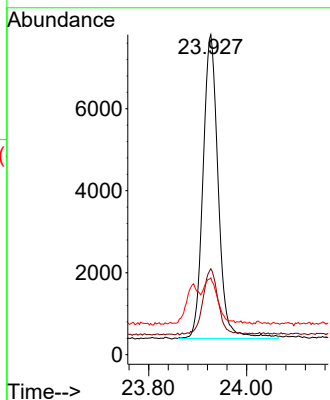


#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.927 min Scan# 4997
Delta R.T. -0.012 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

Instrument :
BNA_M
ClientSampleId :

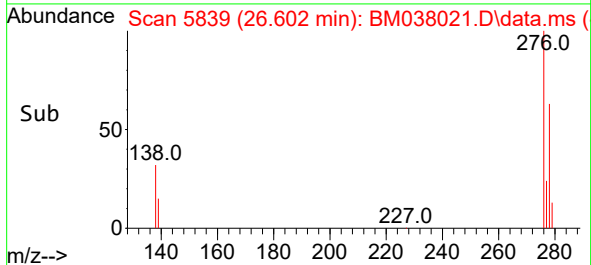
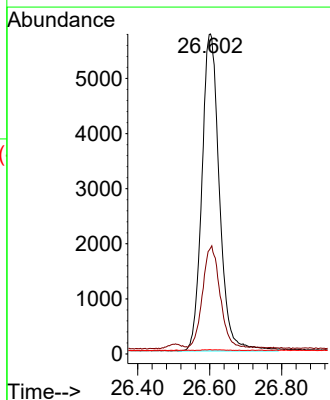
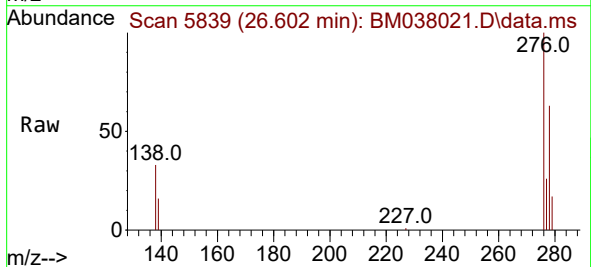


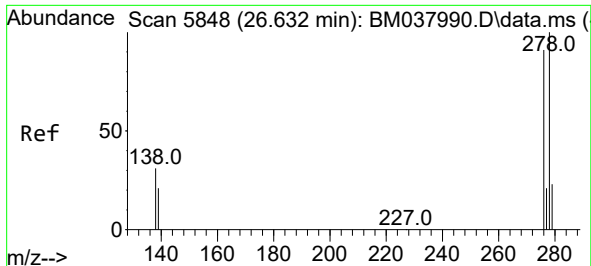
Tgt Ion:252 Resp: 15869
Ion Ratio Lower Upper
252 100
253 26.8 21.7 32.5
125 24.0 20.4 30.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.017 min
Lab File: BM038021.D
Acq: 15 Dec 2022 07:21

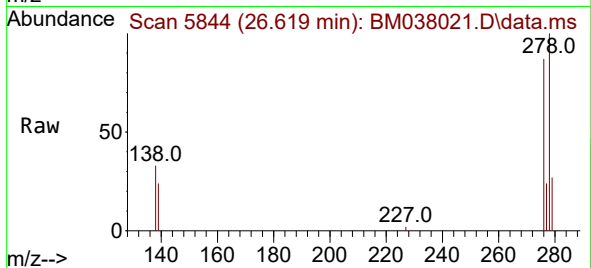
Tgt Ion:276 Resp: 19455
Ion Ratio Lower Upper
276 100
138 31.9 0.0 0.0#
227 0.2 0.1 0.1#



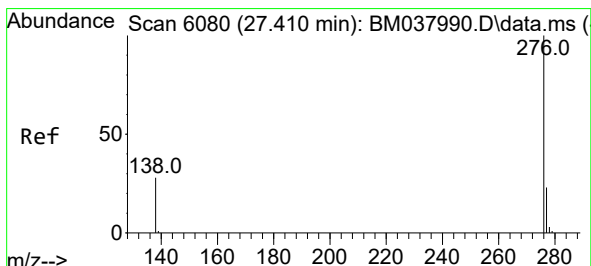
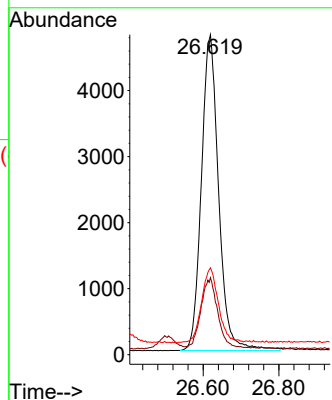
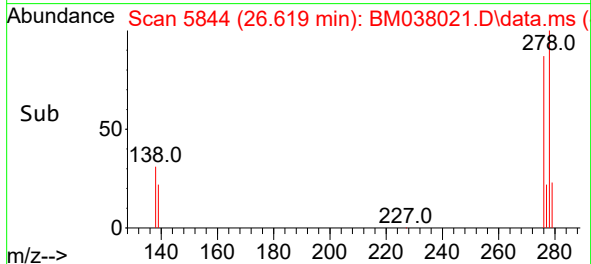


#28
 Dibenzo(a,h)anthracene
 Concen: 0.372 ng/ul
 RT: 26.619 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BM038021.D
 Acq: 15 Dec 2022 07:21

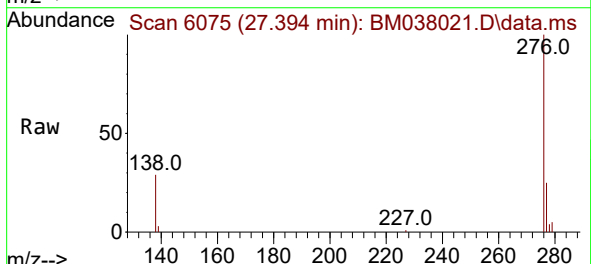
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 15114
 Ion Ratio Lower Upper
 278 100
 139 24.1 19.4 29.0
 279 27.2 21.2 31.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.368 ng/ul
 RT: 27.394 min Scan# 6075
 Delta R.T. -0.024 min
 Lab File: BM038021.D
 Acq: 15 Dec 2022 07:21



Tgt Ion:276 Resp: 16188
 Ion Ratio Lower Upper
 276 100
 138 29.3 23.5 35.3
 277 24.6 20.0 30.0

