

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039861.D
 Acq On : 08 May 2023 09:43
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4100

Quant Time: May 09 01:50:28 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 14:35:49 2023
 Response via : Initial Calibration

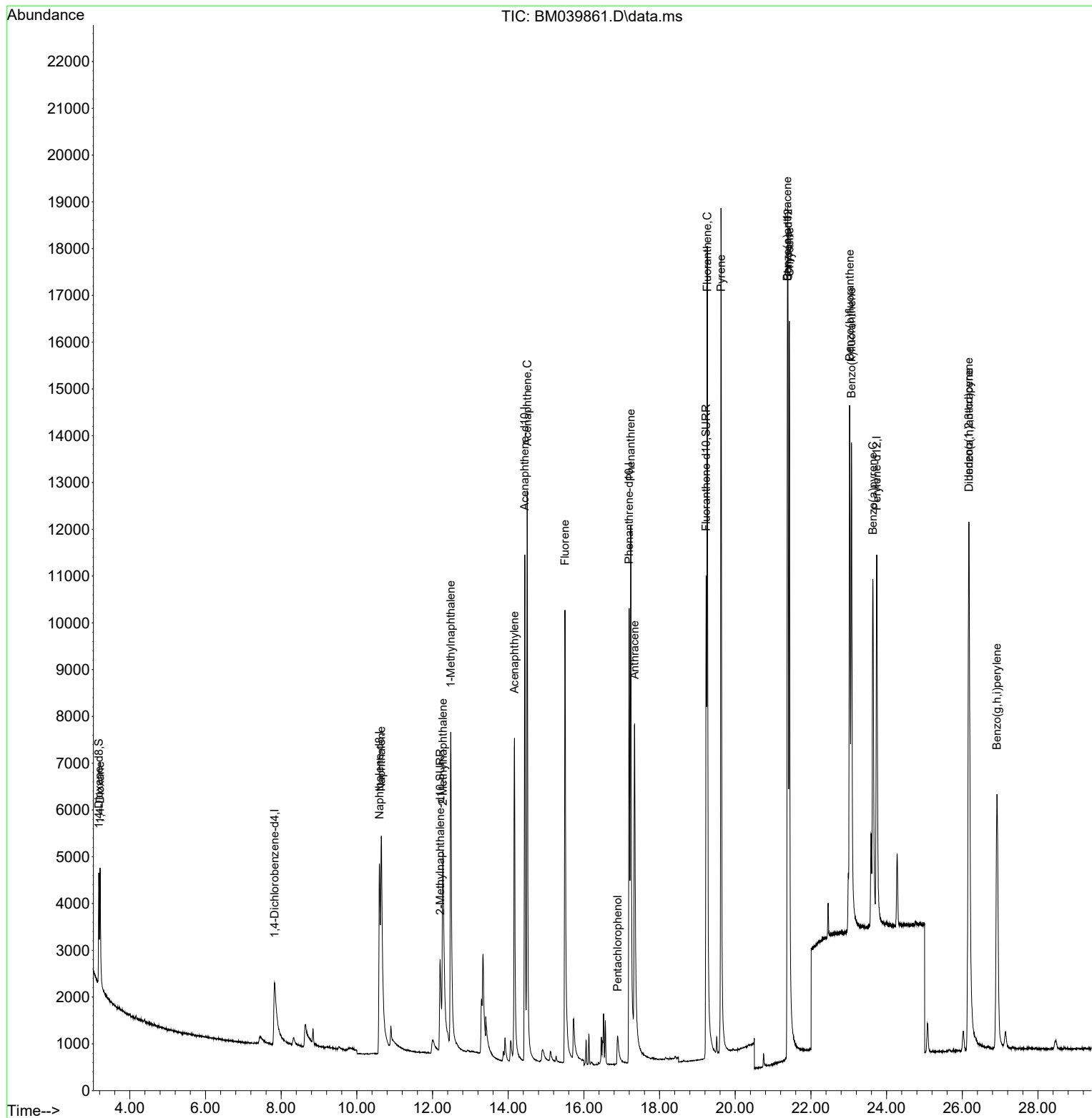
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	11240	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	7058	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	14624	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	12681	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	12041	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	1651	0.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	5665	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	13905	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.214	88	1677	0.425	ng/ul#	42
5) Naphthalene	10.644	128	10354	0.367	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	6333	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	6895	0.395	ng/ul	99
10) Acenaphthylene	14.164	152	11053	0.405	ng/ul	99
11) Acenaphthene	14.501	153	8480	0.395	ng/ul	100
12) Fluorene	15.501	166	9364	0.393	ng/ul	100
14) Pentachlorophenol	16.892	266	987	0.310	ng/ul	99
15) Phenanthrene	17.238	178	14846	0.385	ng/ul	99
16) Anthracene	17.339	178	12525	0.379	ng/ul	99
19) Fluoranthene	19.262	202	17960	0.397	ng/ul	99
20) Pyrene	19.624	202	19456	0.398	ng/ul	100
21) Benzo(a)anthracene	21.378	228	14774	0.405	ng/ul	99
22) Chrysene	21.430	228	16310	0.395	ng/ul	99
24) Benzo(b)fluoranthene	23.023	252	15748	0.372	ng/ul	100
25) Benzo(k)fluoranthene	23.070	252	15783	0.367	ng/ul	99
26) Benzo(a)pyrene	23.637	252	14123	0.372	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.172	276	16691	0.348	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.179	278	13058	0.350	ng/ul	99
29) Benzo(g,h,i)perylene	26.917	276	13952	0.334	ng/ul	99

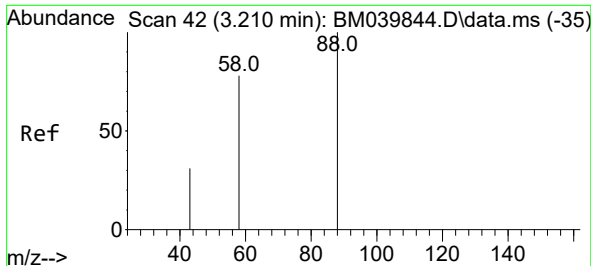
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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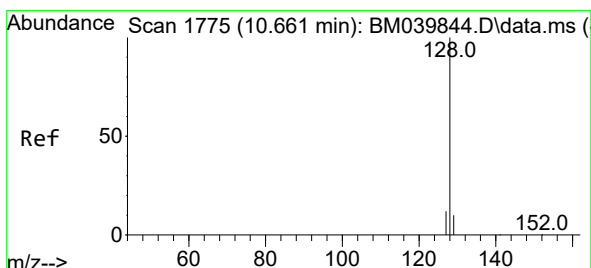
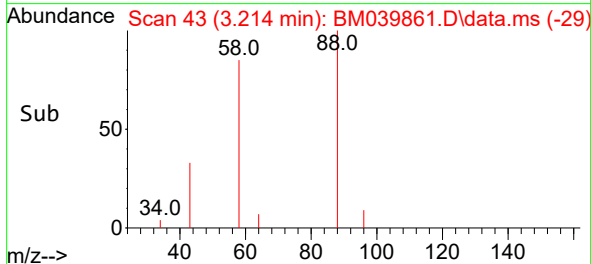
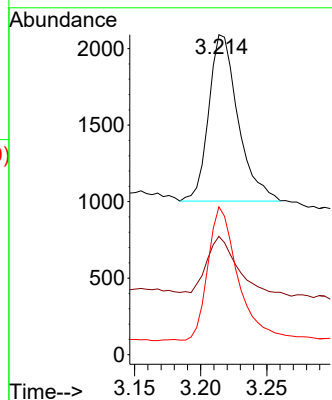
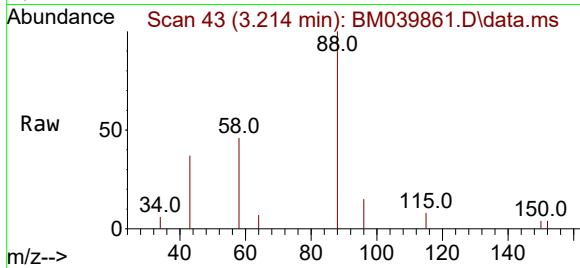




#2
1,4-Dioxane
Concen: 0.425 ng/ul
RT: 3.214 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

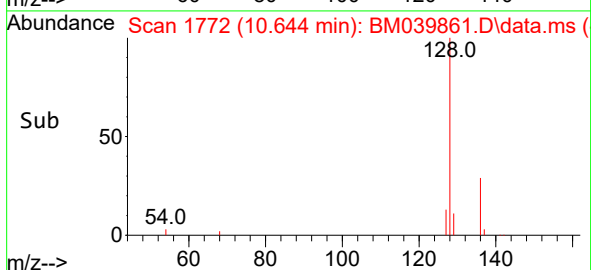
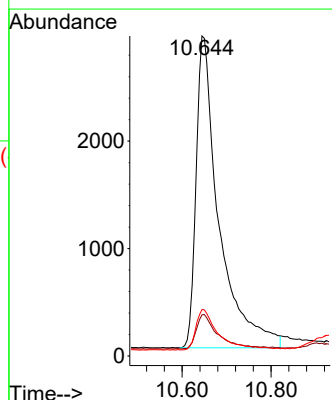
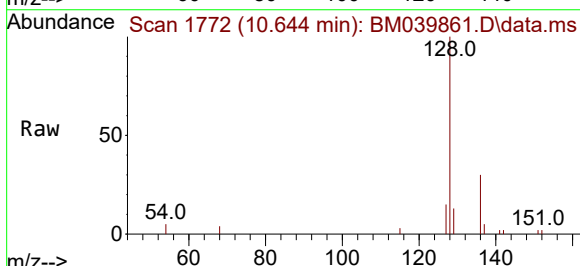
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BNA_M
ClientSampleId :
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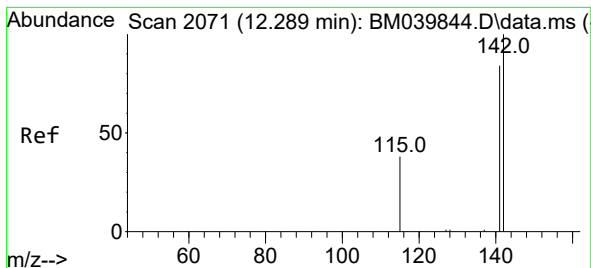
Tgt Ion: 88 Resp: 1677
Ion Ratio Lower Upper
88 100
43 37.0 102.6 153.8#
58 46.2 40.6 61.0



#5
Naphthalene
Concen: 0.367 ng/ul
RT: 10.644 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion: 128 Resp: 10354
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.6
127 14.5 11.1 16.7

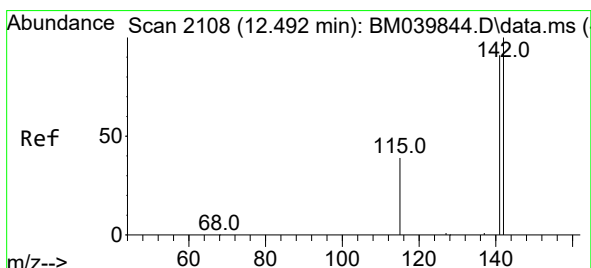
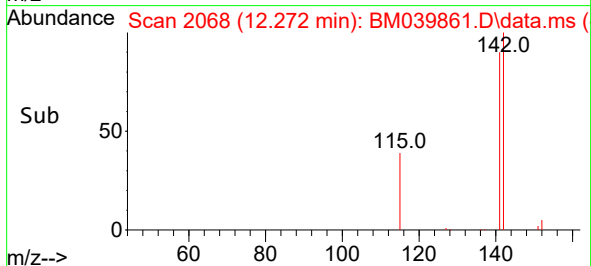
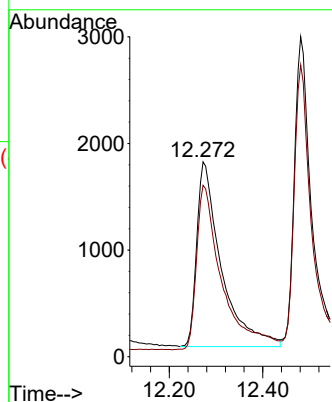
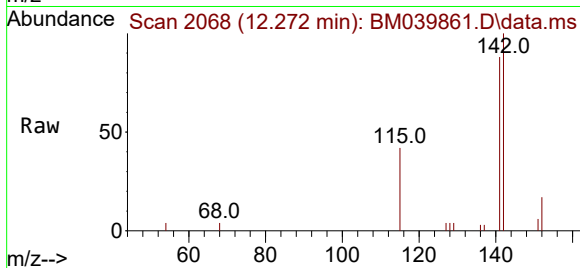




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

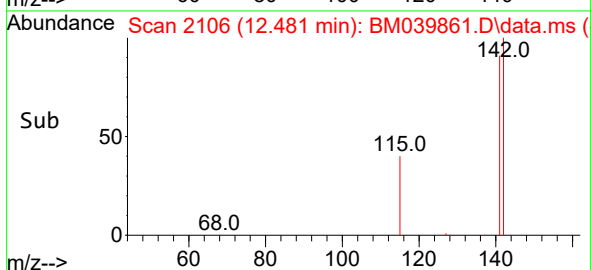
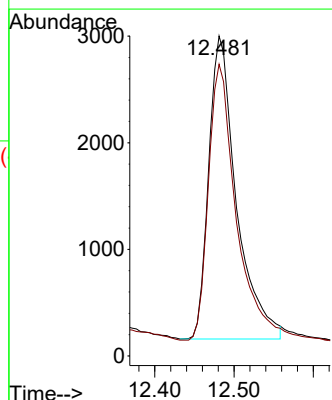
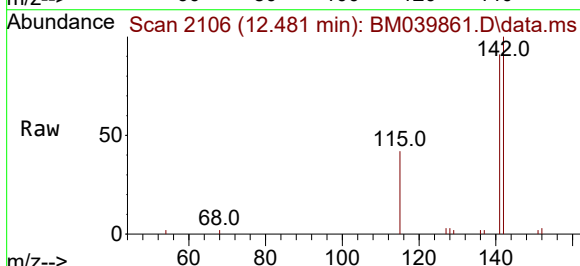
Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

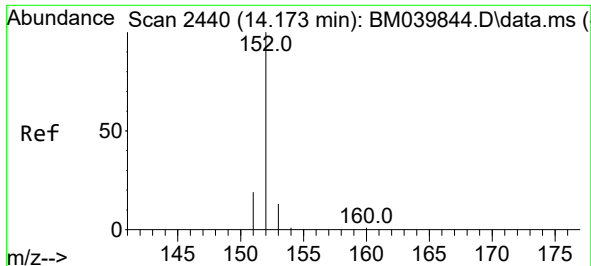
Tgt Ion:142 Resp: 6333
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion:142 Resp: 6895
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2

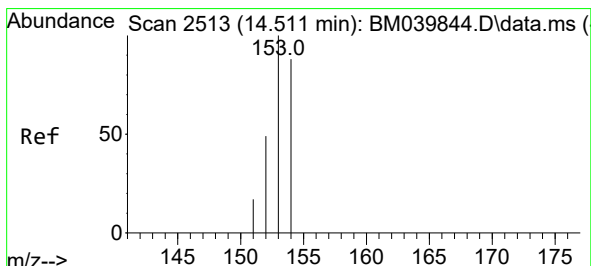
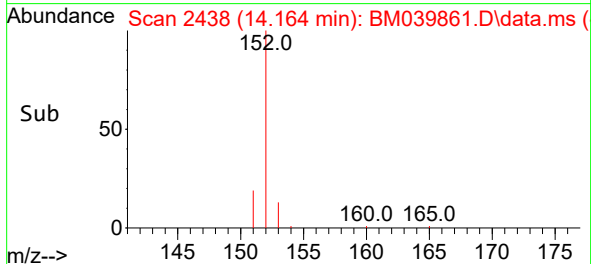
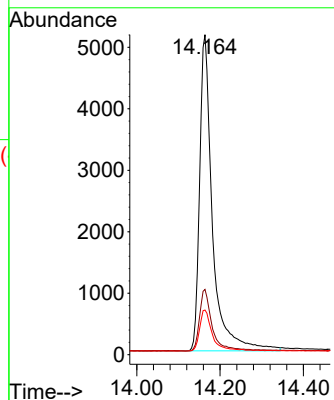
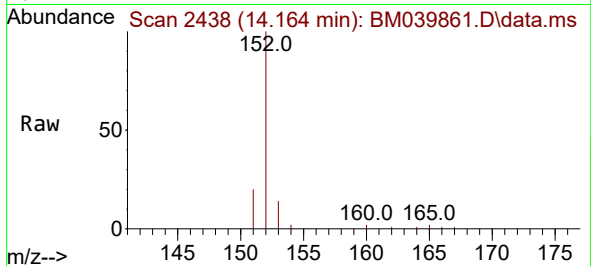




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.164 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

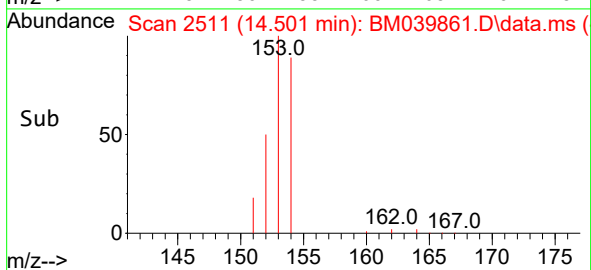
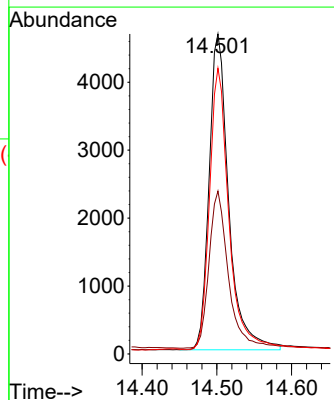
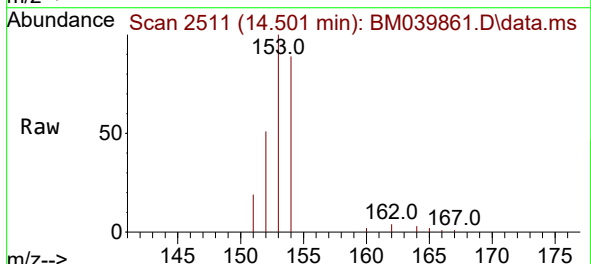
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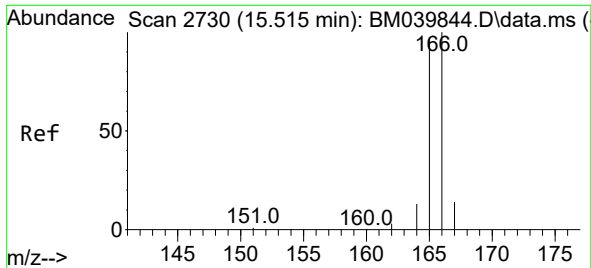
Tgt Ion:152 Resp: 11053
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.501 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion:153 Resp: 8480
Ion Ratio Lower Upper
153 100
152 50.9 40.6 61.0
154 89.3 71.9 107.9

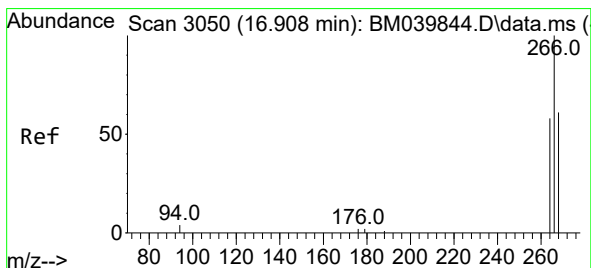
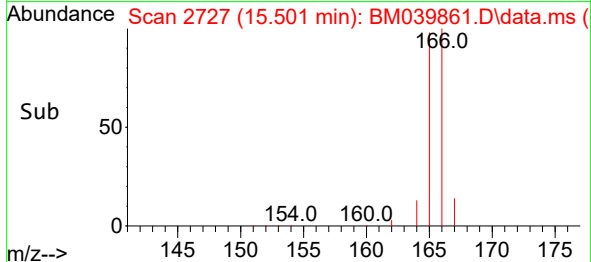
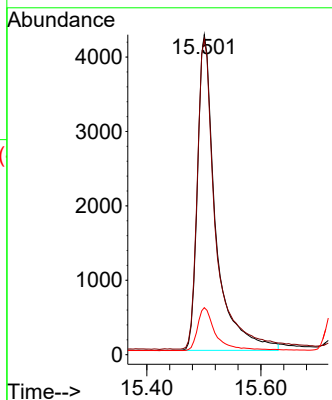
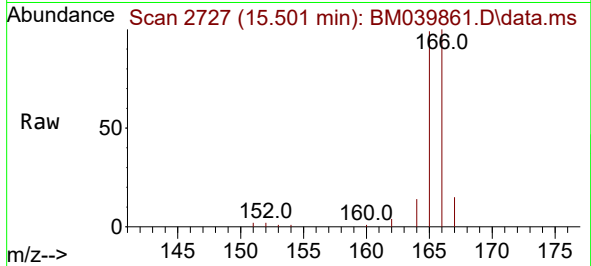




#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

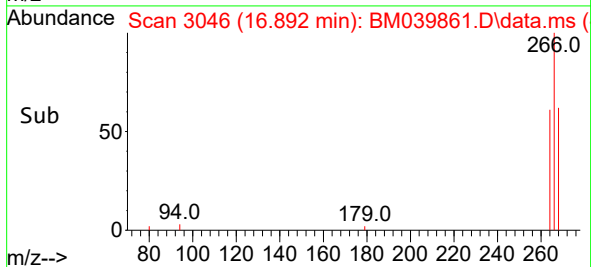
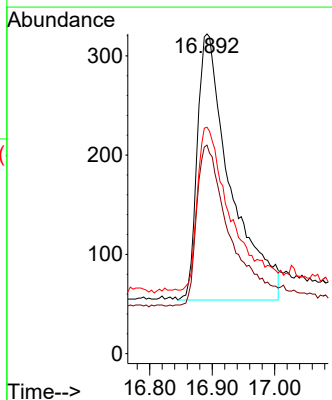
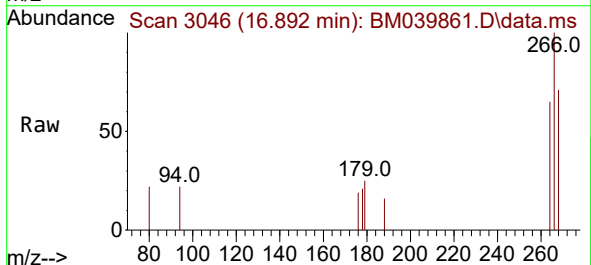
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ClientSampleId :
SSTD0.4100

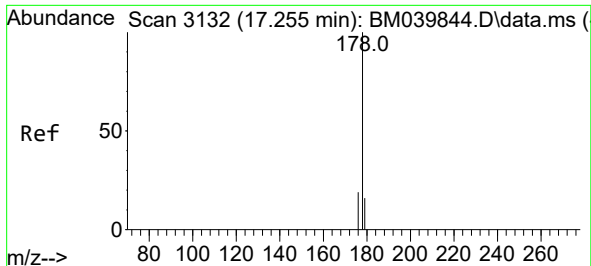
Tgt Ion:166 Resp: 9364
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.310 ng/ul
RT: 16.892 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion:266 Resp: 987
Ion Ratio Lower Upper
266 100
264 61.7 48.8 73.2
268 62.3 50.4 75.6

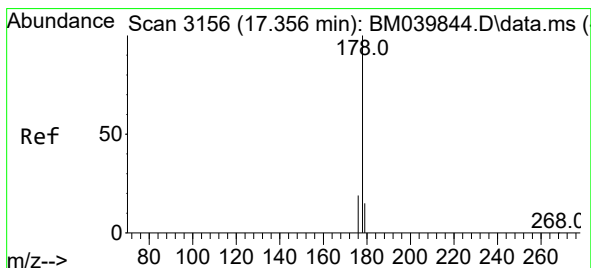
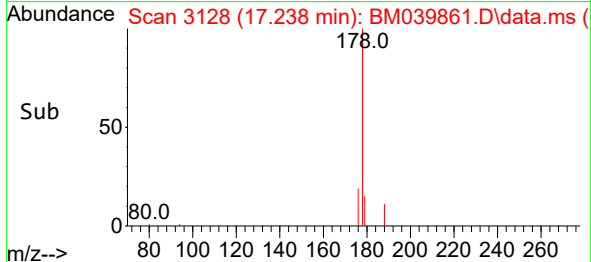
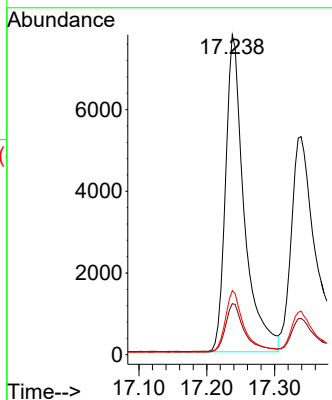
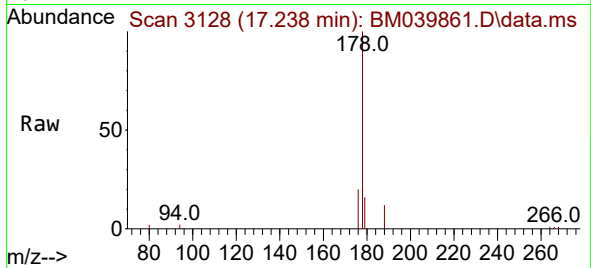




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.238 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

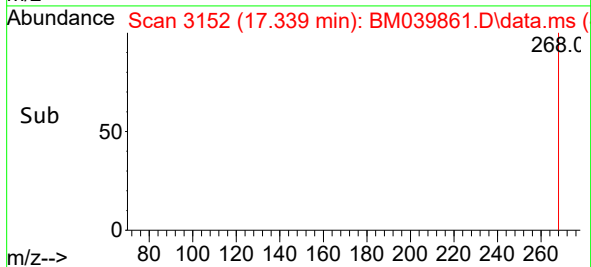
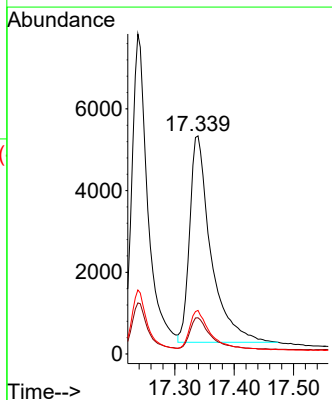
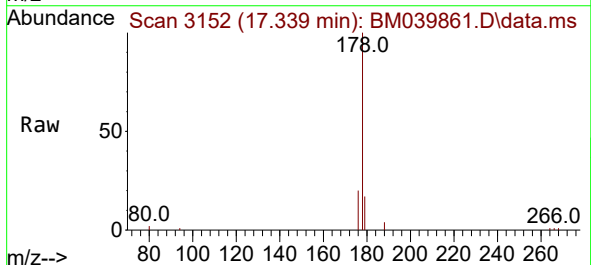
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ClientSampleId :
SSTD0.4100

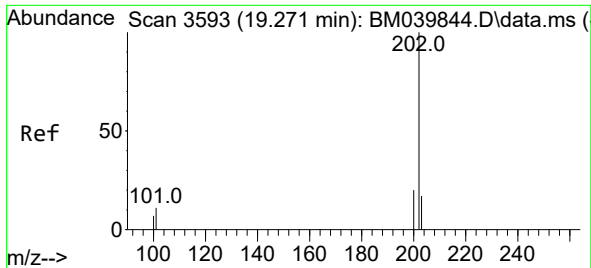
Tgt Ion:178 Resp: 14846
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 20.0 15.8 23.8



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion:178 Resp: 12525
Ion Ratio Lower Upper
178 100
179 16.6 13.8 20.6
176 20.0 15.8 23.8

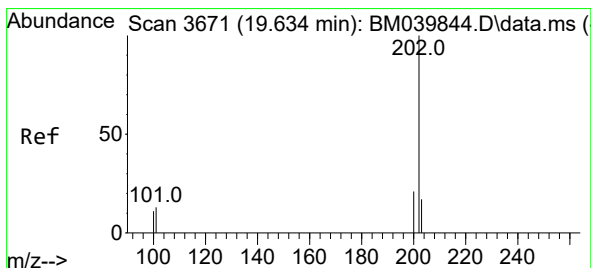
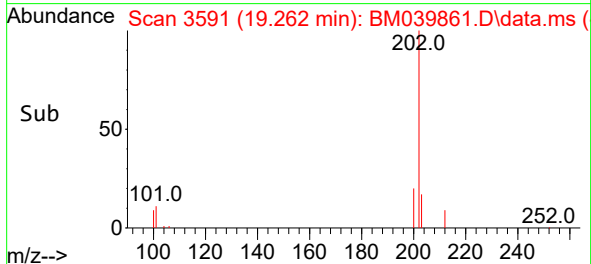
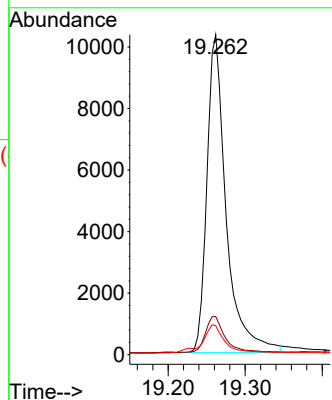
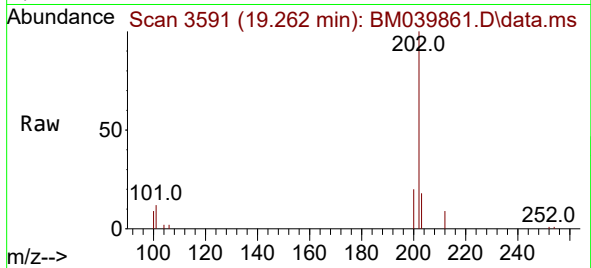




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.262 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

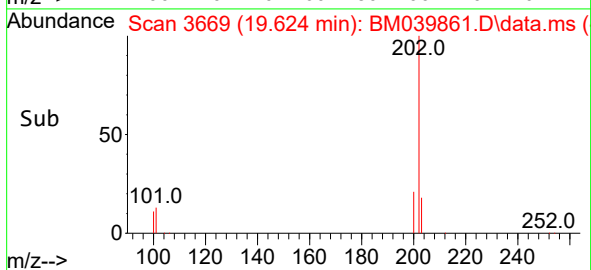
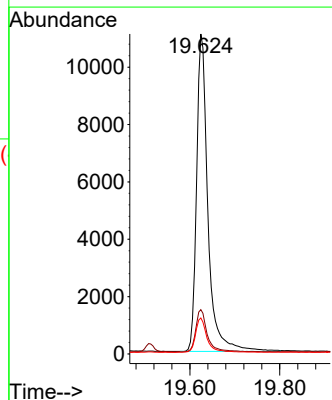
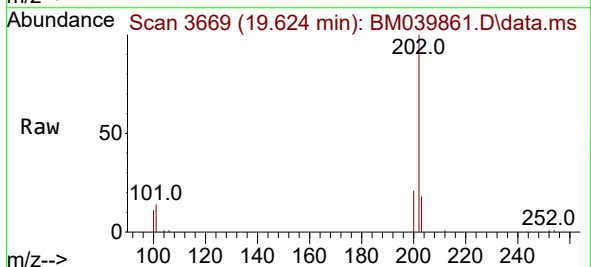
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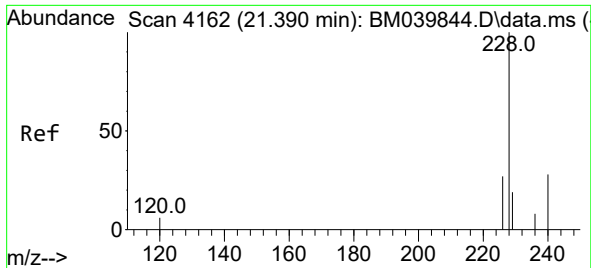
Tgt Ion:202 Resp: 17960
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion:202 Resp: 19456
Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 11.2 8.9 13.3

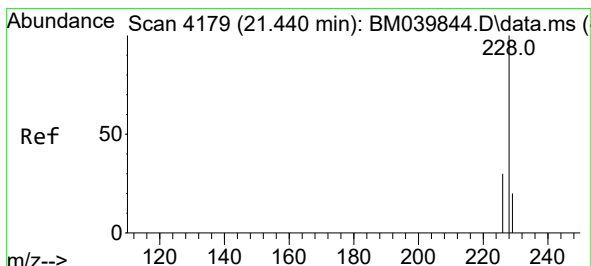
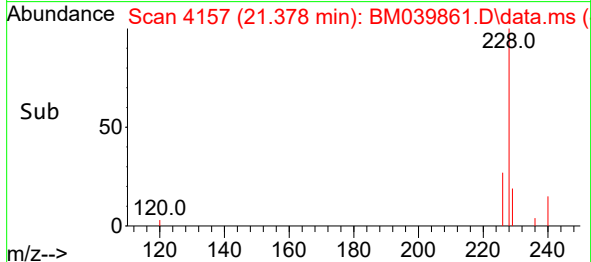
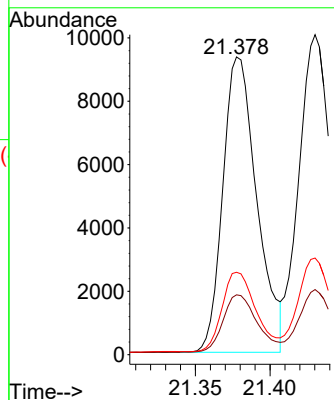
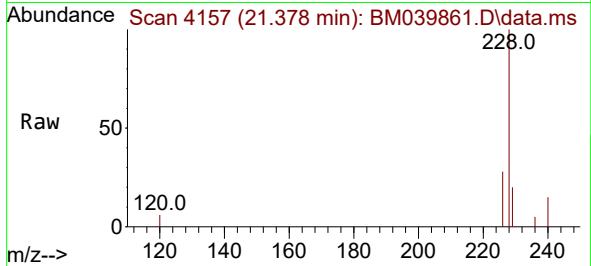




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.378 min Scan# 4162
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

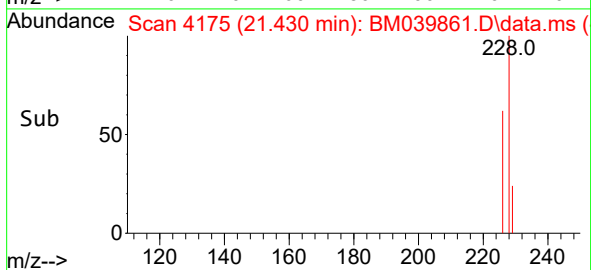
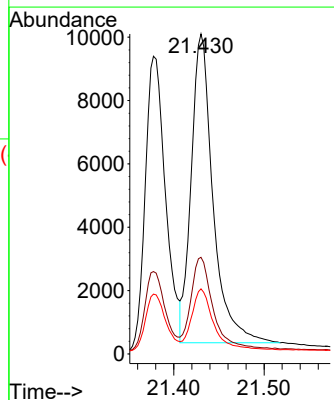
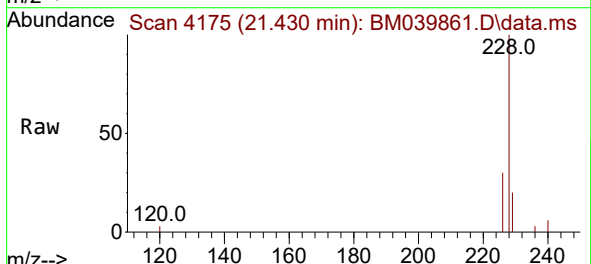
Instrument :
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ClientSampleId :
SSTD0.4100

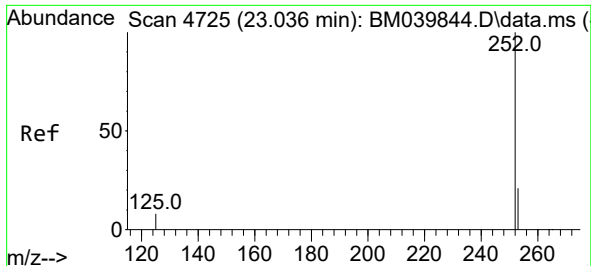
Tgt Ion:228 Resp: 14774
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 27.7 21.6 32.4



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion:228 Resp: 16310
Ion Ratio Lower Upper
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226 30.2 24.3 36.5
229 20.4 15.9 23.9

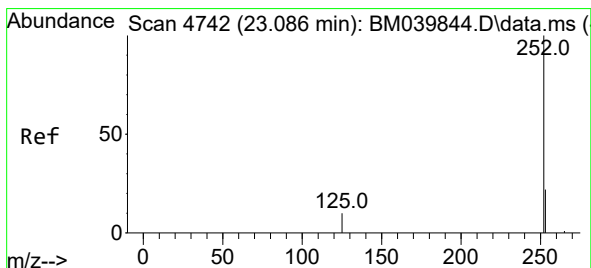
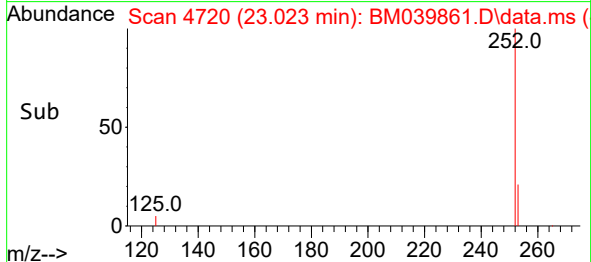
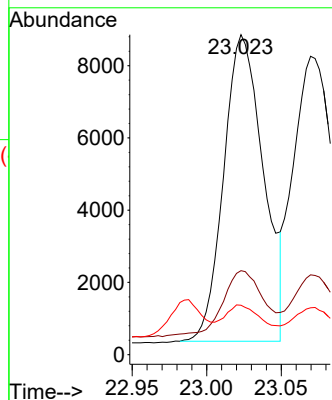
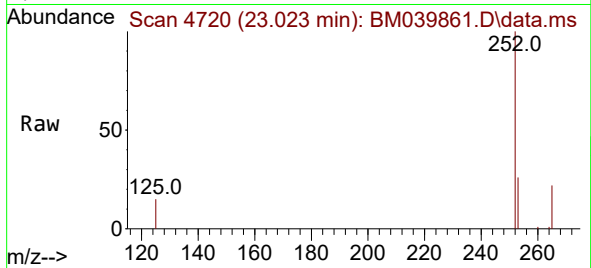




#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.023 min Scan# 4720
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

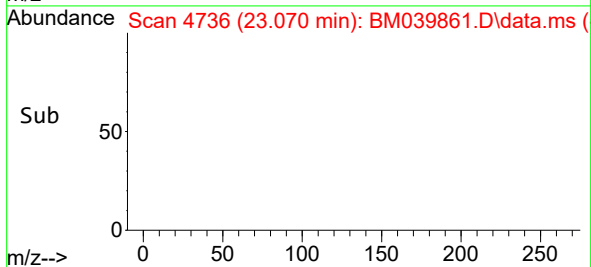
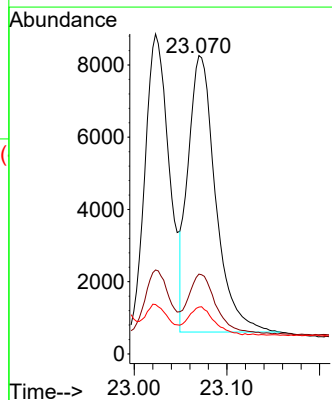
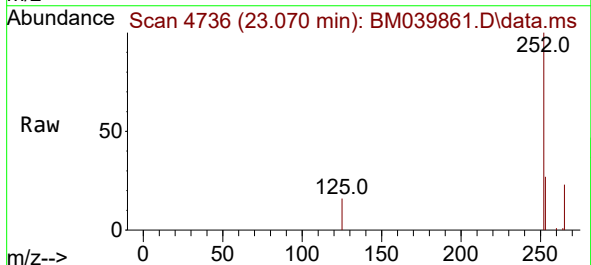
Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

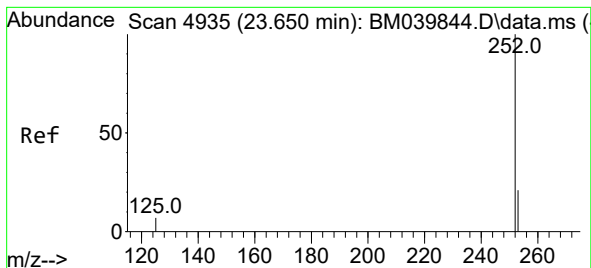
Tgt Ion:252 Resp: 15748
Ion Ratio Lower Upper
252 100
253 26.2 0.0 52.8
125 15.5 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 23.070 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion:252 Resp: 15783
Ion Ratio Lower Upper
252 100
253 26.8 21.3 31.9
125 15.7 13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.372 ng/ul

RT: 23.637 min Scan# 4935

Delta R.T. 0.000 min

Lab File: BM039861.D

Acq: 08 May 2023 09:43

Instrument :

BNA_M

ClientSampleId :

SSTD0.4100

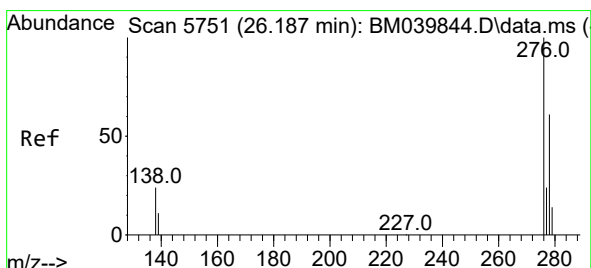
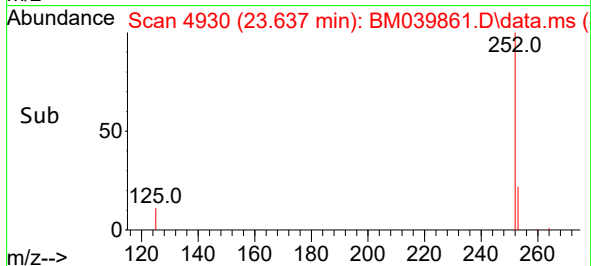
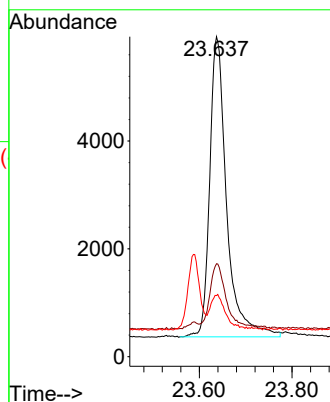
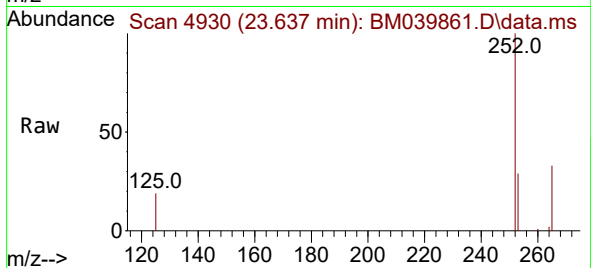
Tgt Ion:252 Resp: 14123

Ion Ratio Lower Upper

252 100

253 29.1 24.7 37.1

125 19.1 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.348 ng/ul

RT: 26.172 min Scan# 5746

Delta R.T. 0.000 min

Lab File: BM039861.D

Acq: 08 May 2023 09:43

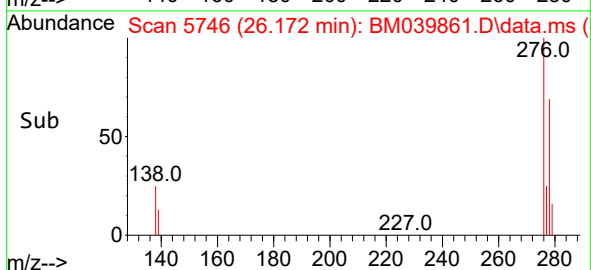
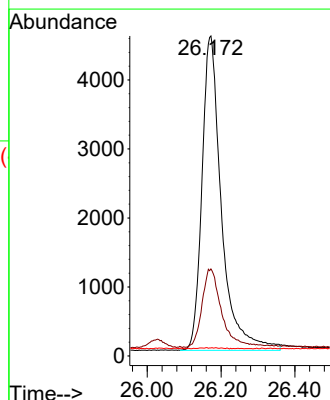
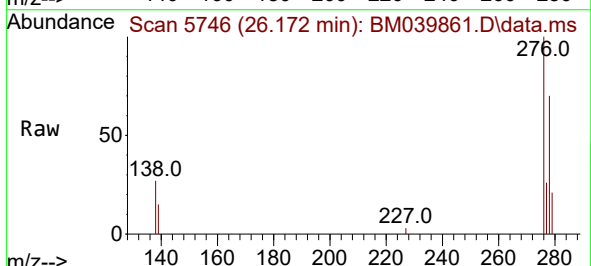
Tgt Ion:276 Resp: 16691

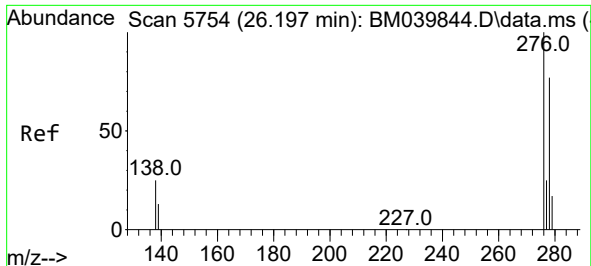
Ion Ratio Lower Upper

276 100

138 25.3 21.1 31.7

227 0.1 0.1 0.1#

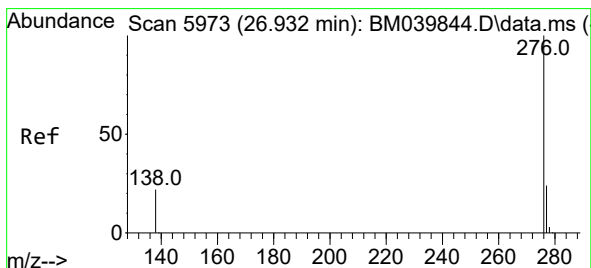
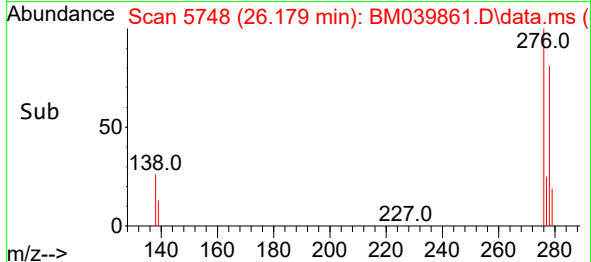
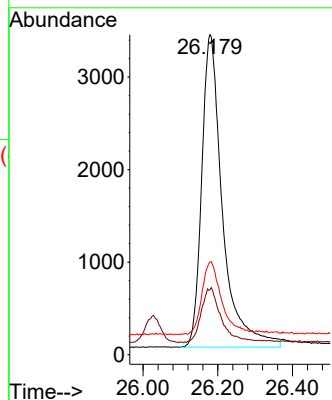
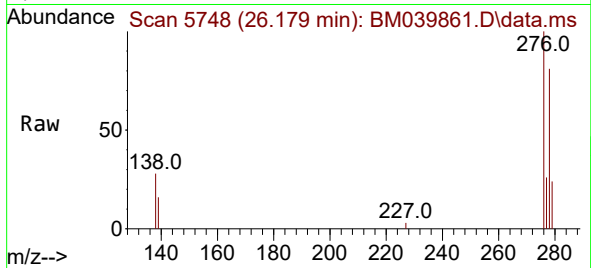




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 26.179 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:278 Resp: 13058
Ion Ratio Lower Upper
278 100
139 20.2 17.0 25.6
279 28.9 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 26.917 min Scan# 5968
Delta R.T. 0.000 min
Lab File: BM039861.D
Acq: 08 May 2023 09:43

Tgt Ion:276 Resp: 13952
Ion Ratio Lower Upper
276 100
138 25.0 20.1 30.1
277 25.6 20.1 30.1

