

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038194.D
 Acq On : 22 Dec 2022 12:26
 Operator : CG/JU
 Sample : SSTD1.614
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6026

Quant Time: Dec 22 23:19:33 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 23:18:00 2022
 Response via : Initial Calibration

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

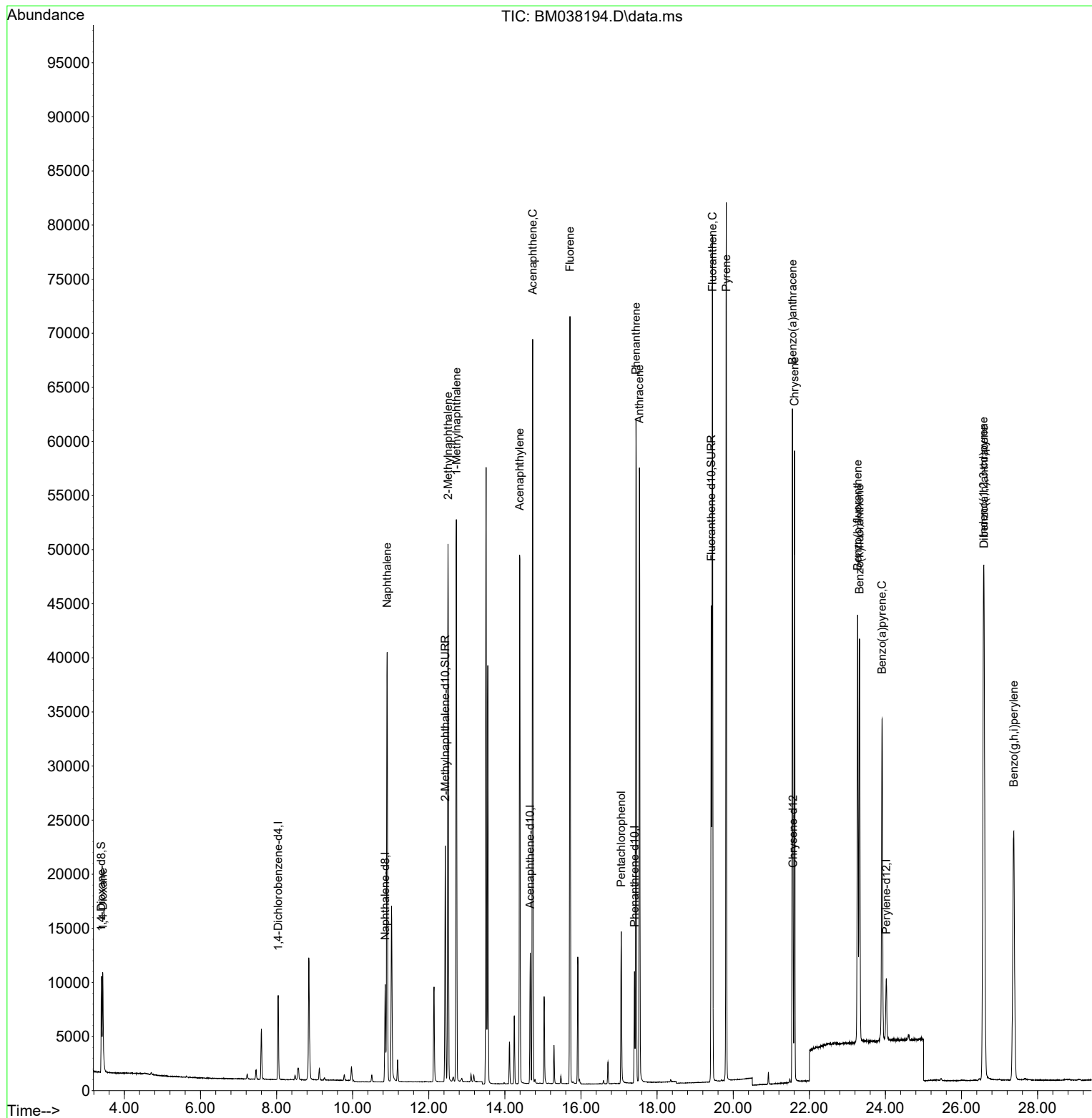
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4003	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	11756	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6349	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	11953	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	8122	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	7941	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	6081	1.111	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	26944	1.570	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	45963	1.561	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	6037	1.224	ng/ul#	88
5) Naphthalene	10.906	128	52809	1.483	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	33572	1.534	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	34599	1.545	ng/ul	99
10) Acenaphthylene	14.388	152	53575	1.609	ng/ul	98
11) Acenaphthene	14.731	153	38098	1.510	ng/ul	99
12) Fluorene	15.712	166	41799	1.495	ng/ul	98
14) Pentachlorophenol	17.058	266	9248	1.869	ng/ul	99
15) Phenanthrene	17.447	178	61296	1.523	ng/ul	99
16) Anthracene	17.535	178	60609	1.628	ng/ul	99
19) Fluoranthene	19.454	202	65580	1.563	ng/ul	99
20) Pyrene	19.817	202	65834	1.537	ng/ul	99
21) Benzo(a)anthracene	21.556	228	51406	1.465	ng/ul	100
22) Chrysene	21.612	228	49426	1.396	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	51012	1.355	ng/ul	89
25) Benzo(k)fluoranthene	23.319	252	49601	1.365	ng/ul#	89
26) Benzo(a)pyrene	23.912	252	45178	1.424	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.579	276	60903	1.530	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.592	278	47528	1.533	ng/ul	94
29) Benzo(g,h,i)perylene	27.373	276	51233	1.515	ng/ul	96

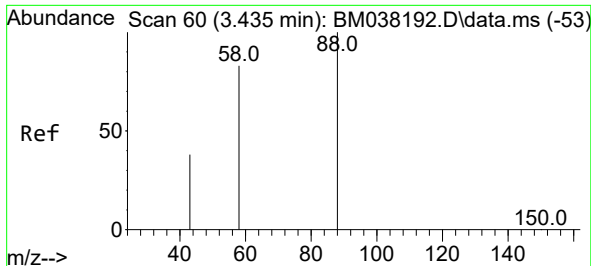
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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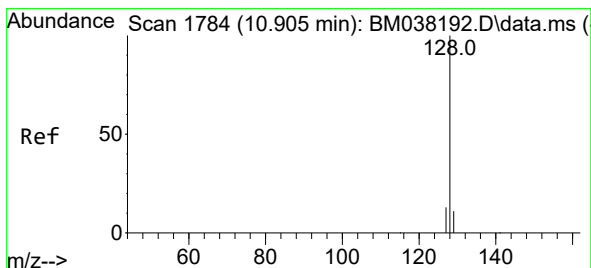
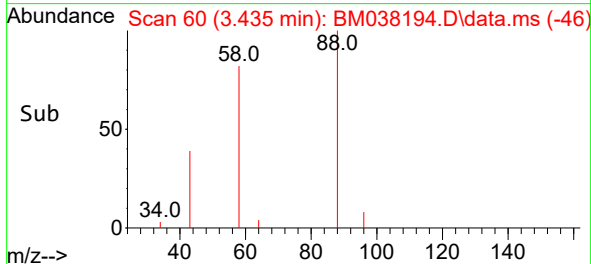
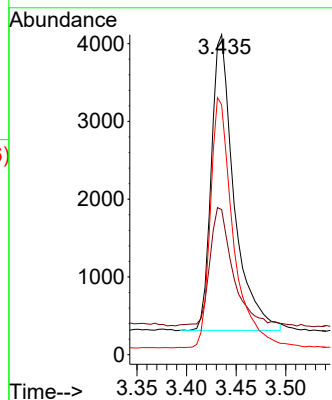
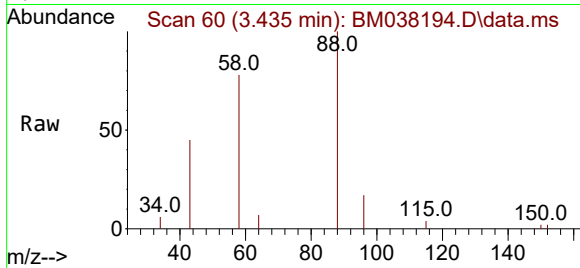




#2
1,4-Dioxane
Concen: 1.224 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

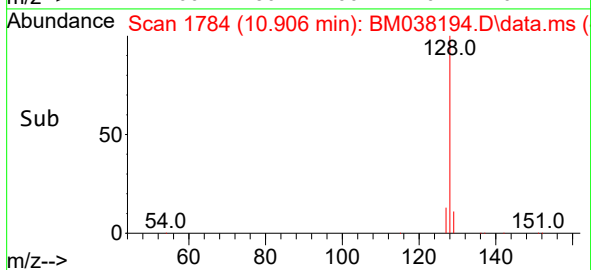
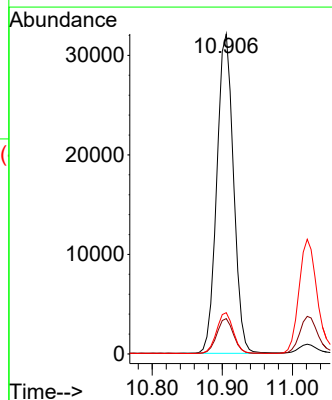
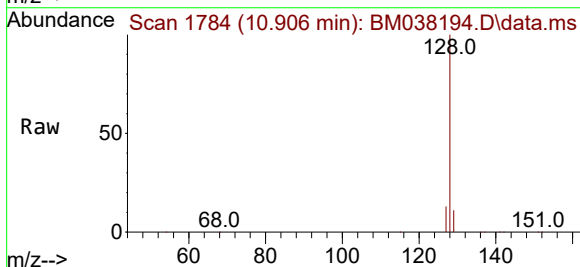
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

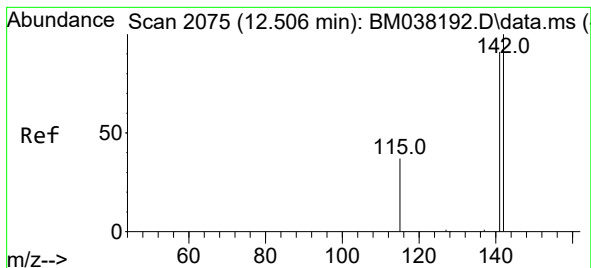
Tgt Ion: 88 Resp: 6037
Ion Ratio Lower Upper
88 100
43 45.4 46.4 69.6#
58 78.1 56.9 85.3



#5
Naphthalene
Concen: 1.483 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Tgt Ion: 128 Resp: 52809
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.9 10.7 16.1

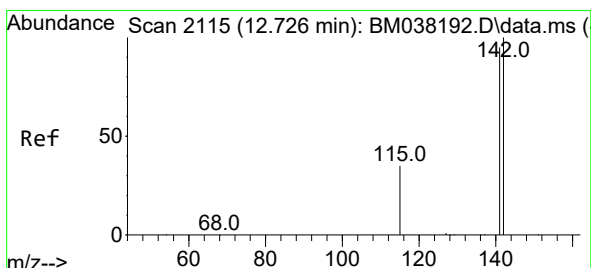
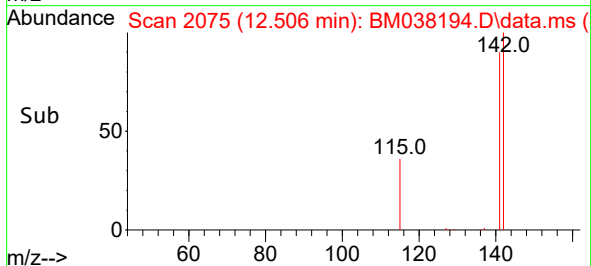
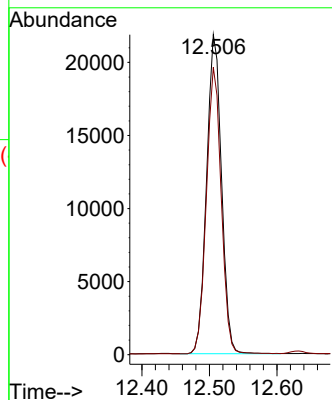
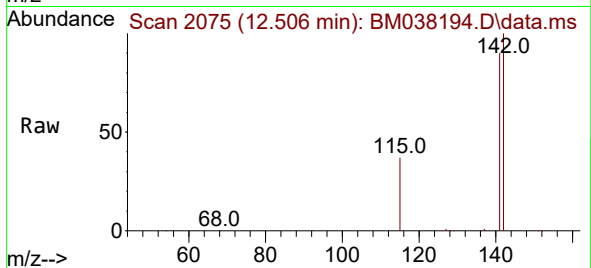




#7
2-Methylnaphthalene
Concen: 1.534 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

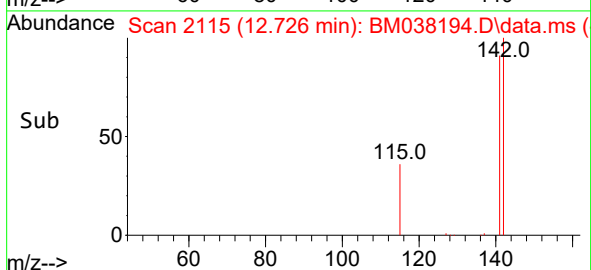
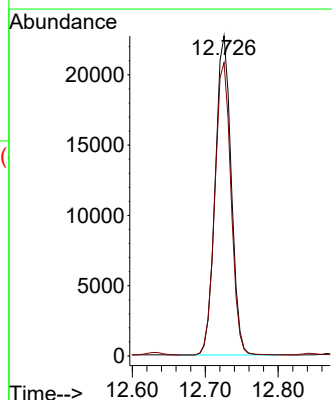
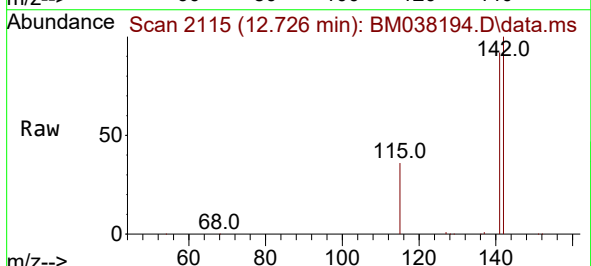
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

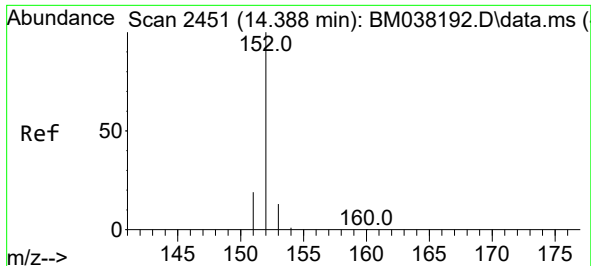
Tgt Ion:142 Resp: 33572
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 1.545 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Tgt Ion:142 Resp: 34599
Ion Ratio Lower Upper
142 100
141 92.5 74.7 112.1

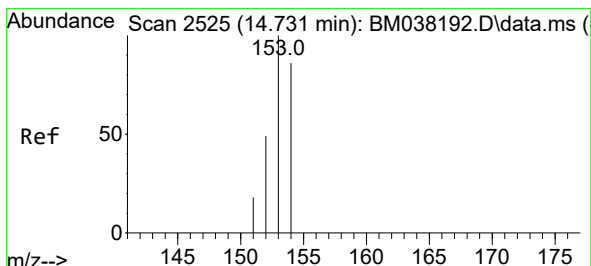
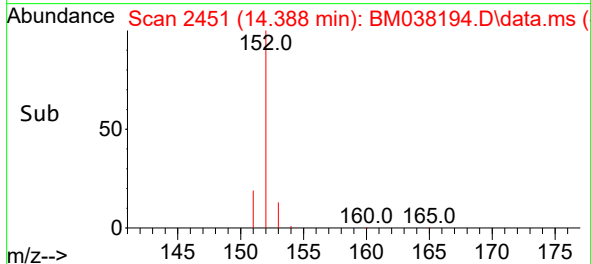
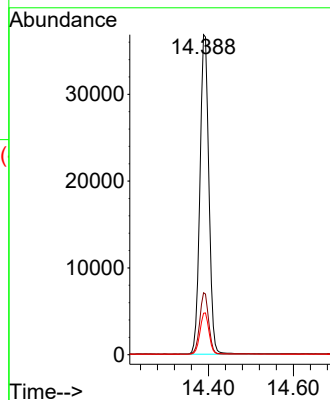
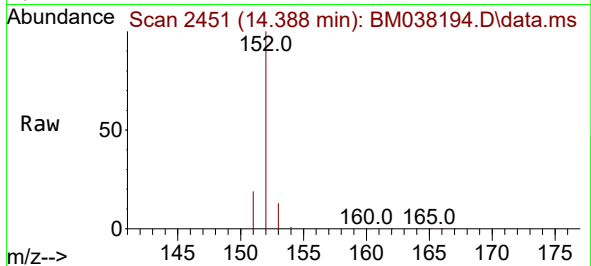




#10
Acenaphthylene
Concen: 1.609 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

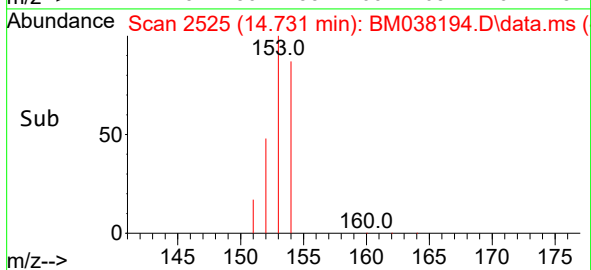
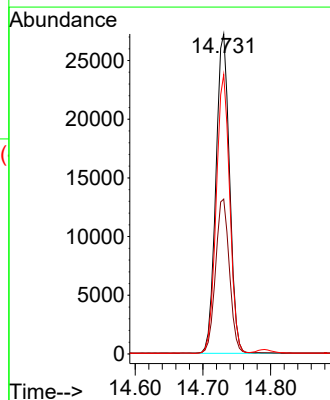
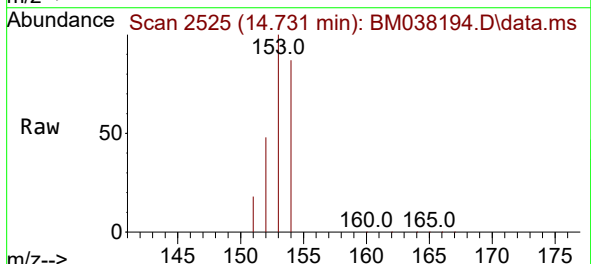
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

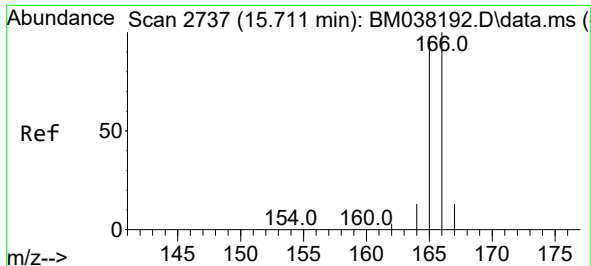
Tgt Ion:152 Resp: 53575
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 1.510 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Tgt Ion:153 Resp: 38098
Ion Ratio Lower Upper
153 100
152 48.4 39.4 59.0
154 87.3 69.0 103.4

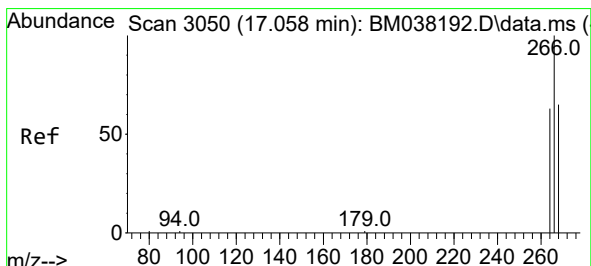
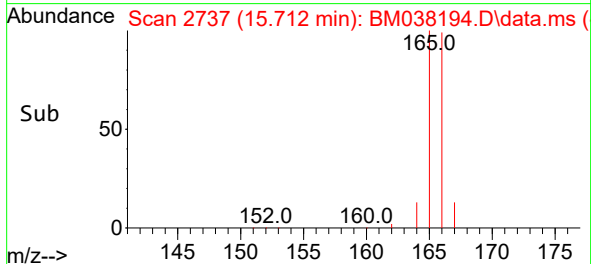
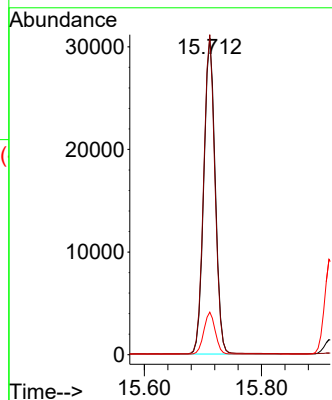
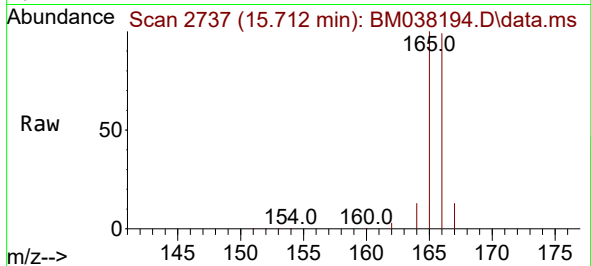




#12
Fluorene
Concen: 1.495 ng/ul
RT: 15.712 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

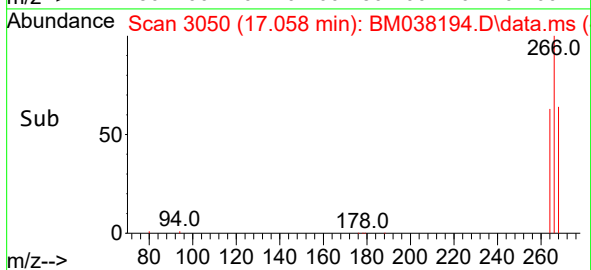
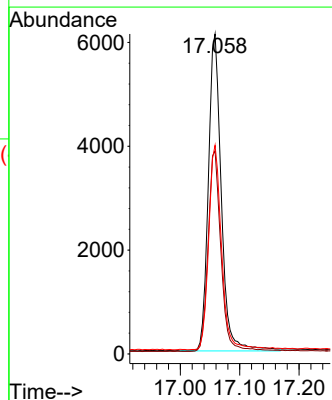
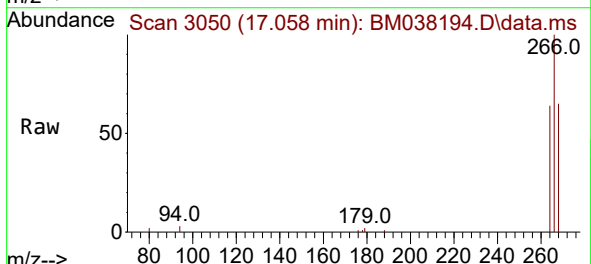
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

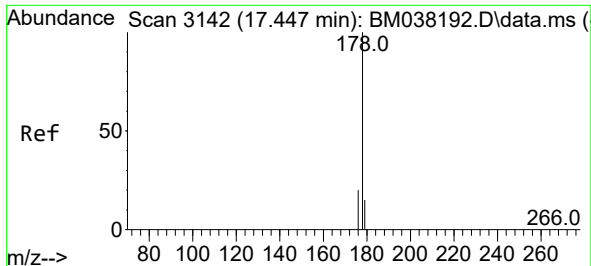
Tgt Ion:166 Resp: 41799
Ion Ratio Lower Upper
166 100
165 101.0 79.0 118.6
167 13.4 11.0 16.6



#14
Pentachlorophenol
Concen: 1.869 ng/ul
RT: 17.058 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Tgt Ion:266 Resp: 9248
Ion Ratio Lower Upper
266 100
264 62.9 49.9 74.9
268 64.6 51.2 76.8

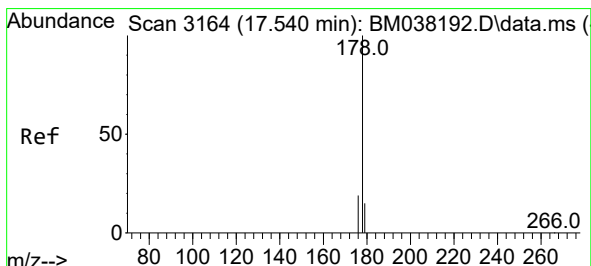
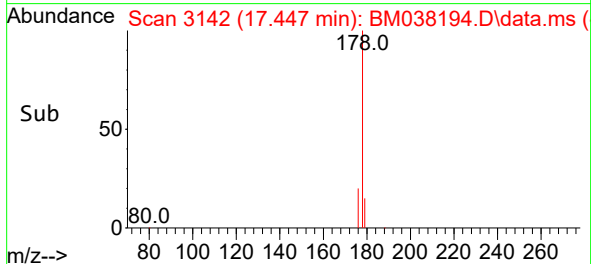
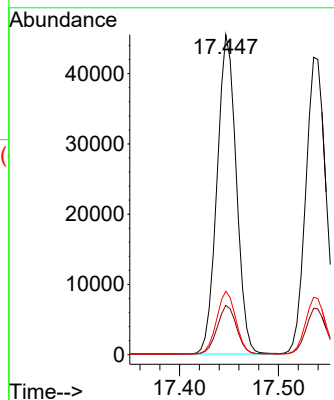
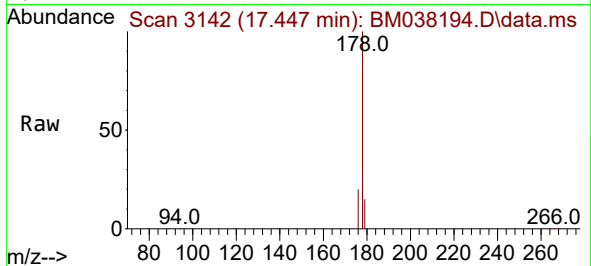




#15
Phenanthrene
Concen: 1.523 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

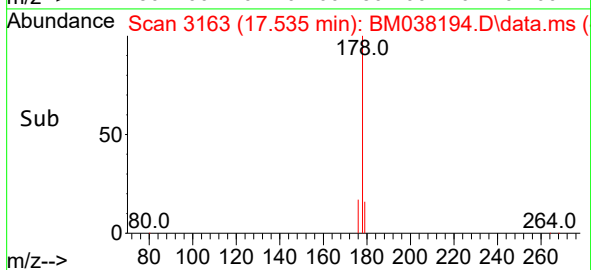
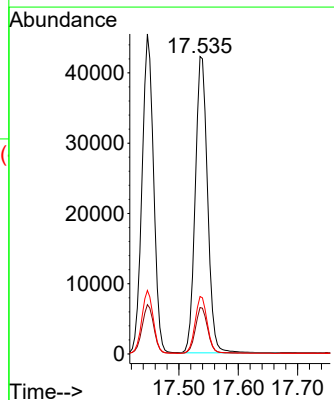
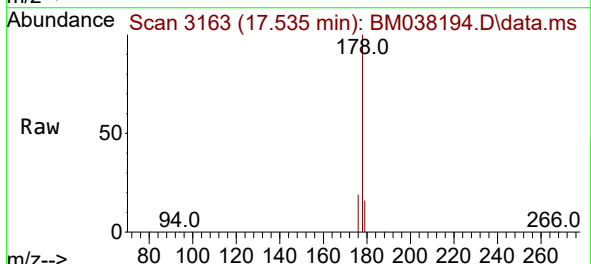
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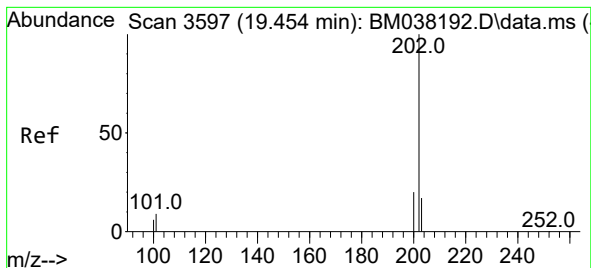
Tgt Ion:178 Resp: 61296
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.9 16.2 24.4



#16
Anthracene
Concen: 1.628 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Tgt Ion:178 Resp: 60609
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.3 15.6 23.4





#19

Fluoranthene

Concen: 1.563 ng/ul

RT: 19.454 min Scan# 3597

Delta R.T. 0.000 min

Lab File: BM038194.D

Acq: 22 Dec 2022 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

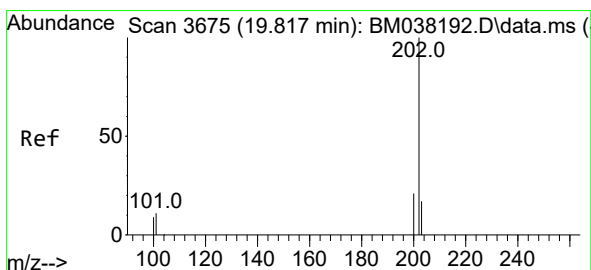
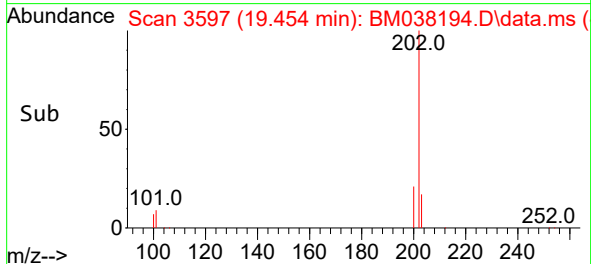
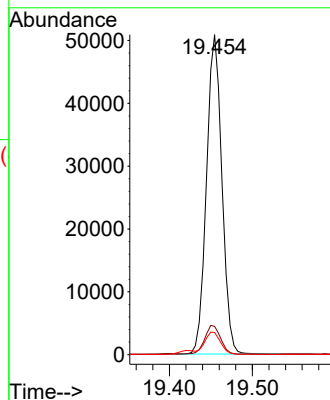
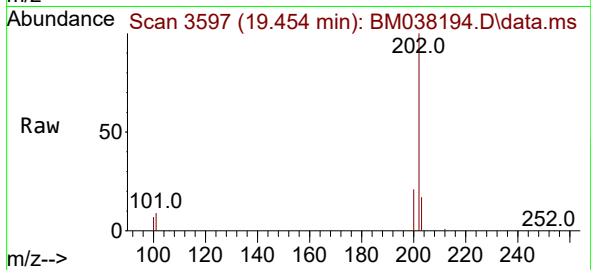
Tgt Ion:202 Resp: 65580

Ion Ratio Lower Upper

202 100

101 8.9 7.5 11.3

100 6.9 5.6 8.4



#20

Pyrene

Concen: 1.537 ng/ul

RT: 19.817 min Scan# 3675

Delta R.T. 0.000 min

Lab File: BM038194.D

Acq: 22 Dec 2022 12:26

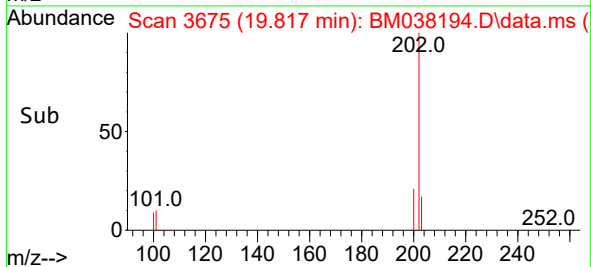
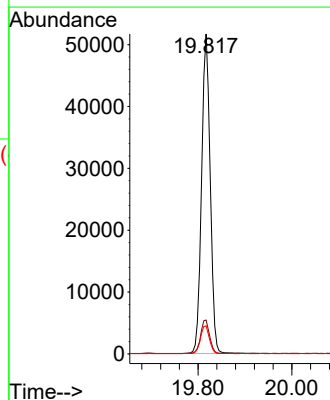
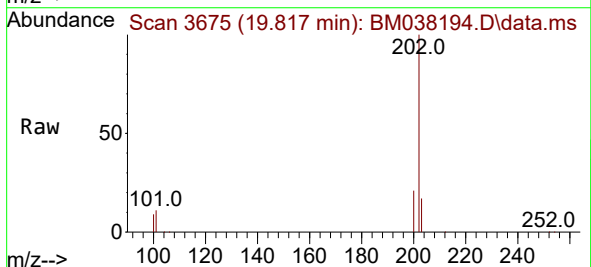
Tgt Ion:202 Resp: 65834

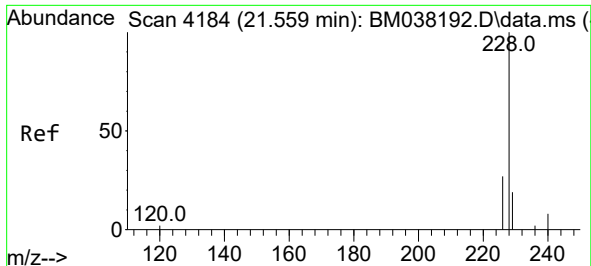
Ion Ratio Lower Upper

202 100

101 10.6 8.9 13.3

100 8.8 7.4 11.0

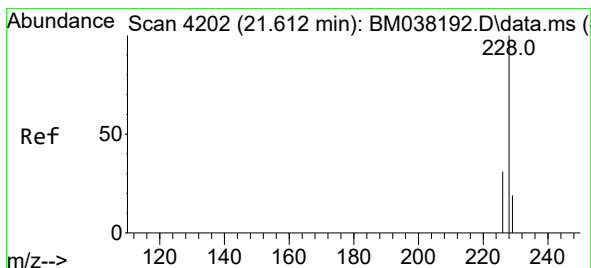
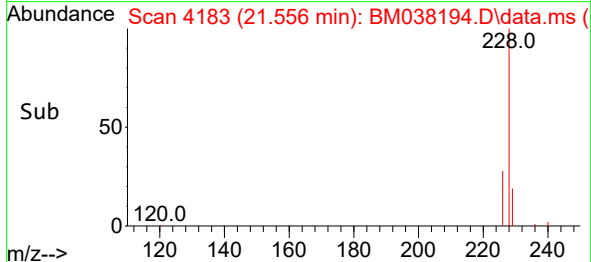
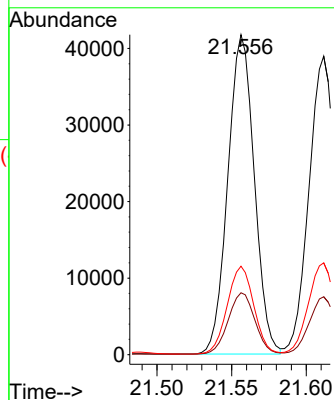
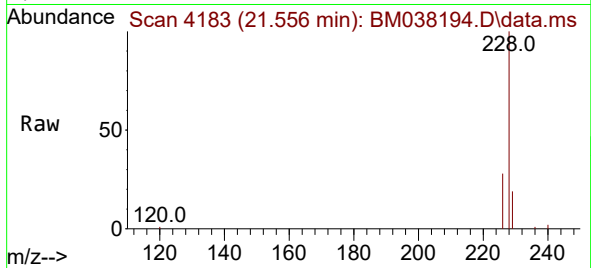




#21
Benzo(a)anthracene
Concen: 1.465 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

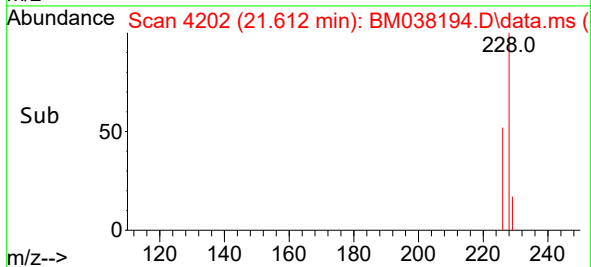
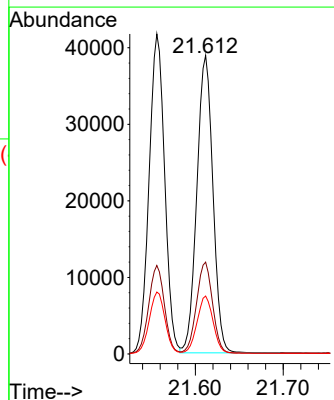
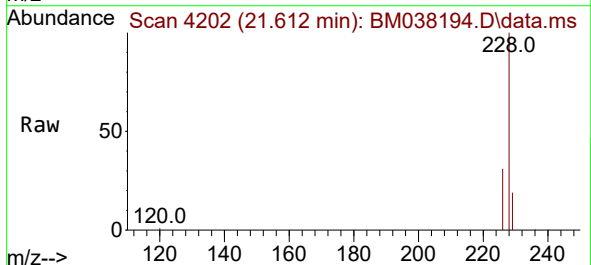
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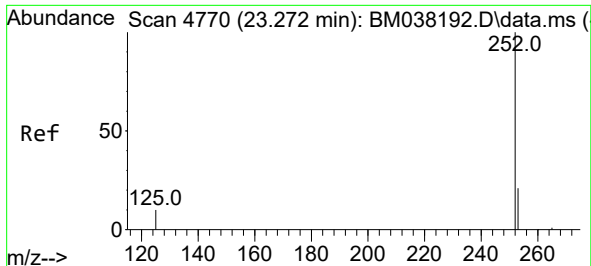
Tgt Ion:228 Resp: 51406
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.7 22.2 33.2



#22
Chrysene
Concen: 1.396 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Tgt Ion:228 Resp: 49426
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.4
229 19.4 16.0 24.0

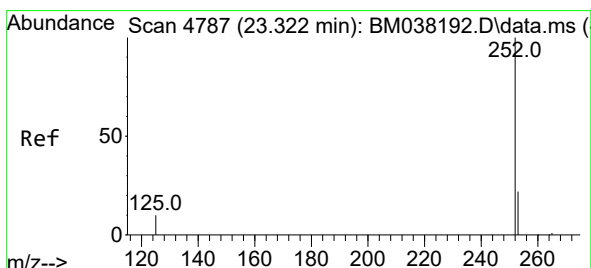
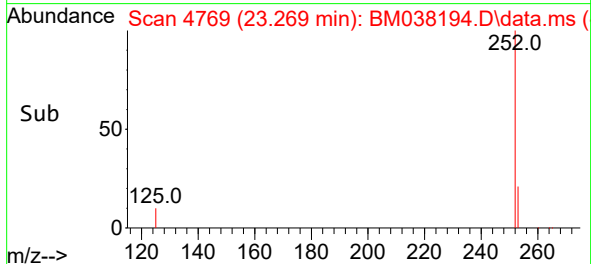
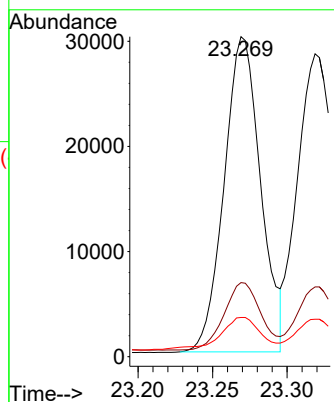
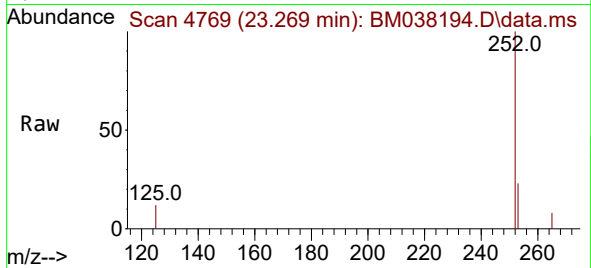




#24
Benzo(b)fluoranthene
Concen: 1.355 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

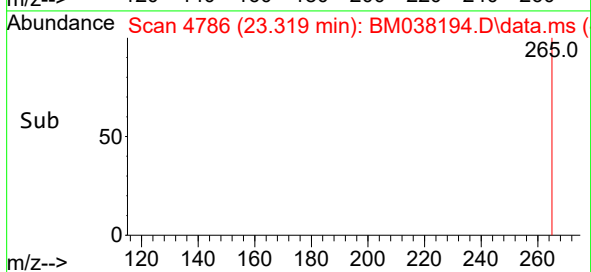
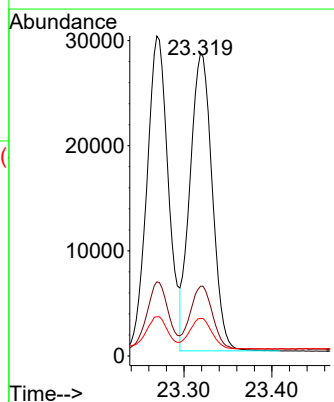
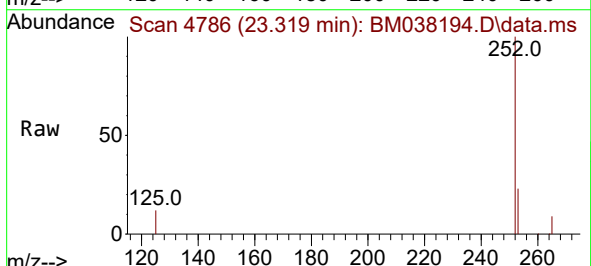
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

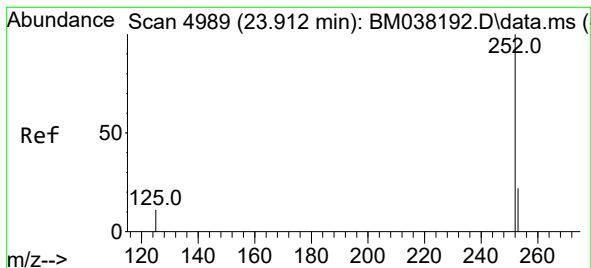
Tgt Ion:252 Resp: 51012
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.0
125 12.3 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 1.365 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Tgt Ion:252 Resp: 49601
Ion Ratio Lower Upper
252 100
253 23.1 22.5 33.7
125 12.4 14.4 21.6#





#26

Benzo(a)pyrene

Concen: 1.424 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. 0.000 min

Lab File: BM038194.D

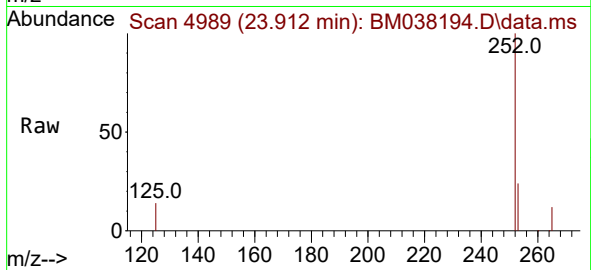
Acq: 22 Dec 2022 12:26

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026



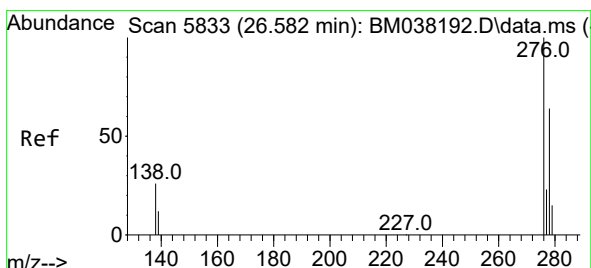
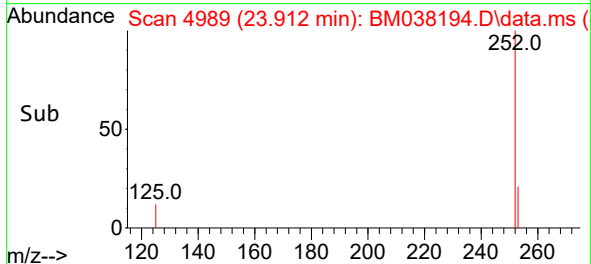
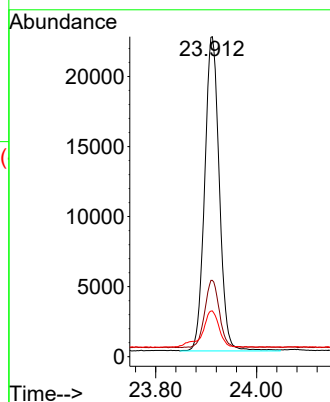
Tgt Ion:252 Resp: 45178

Ion Ratio Lower Upper

252 100

253 23.9 24.2 36.4#

125 14.3 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.530 ng/ul

RT: 26.579 min Scan# 5832

Delta R.T. -0.003 min

Lab File: BM038194.D

Acq: 22 Dec 2022 12:26

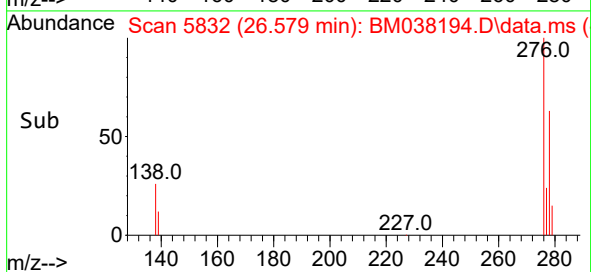
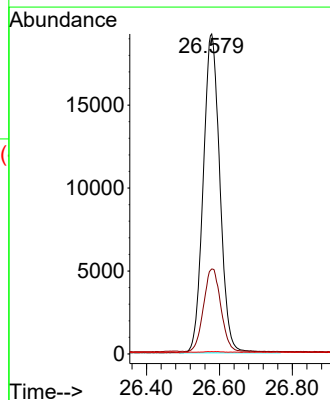
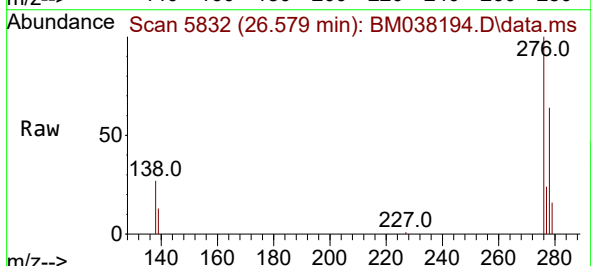
Tgt Ion:276 Resp: 60903

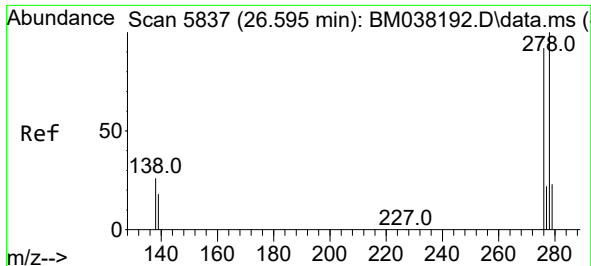
Ion Ratio Lower Upper

276 100

138 26.8 21.7 32.5

227 0.2 0.0 0.0#

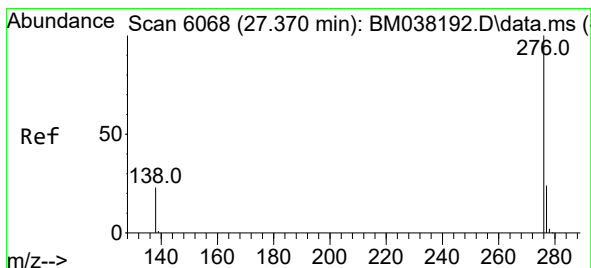
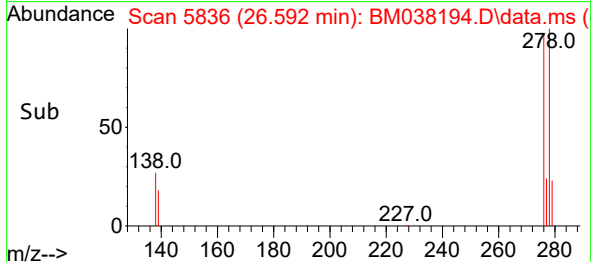
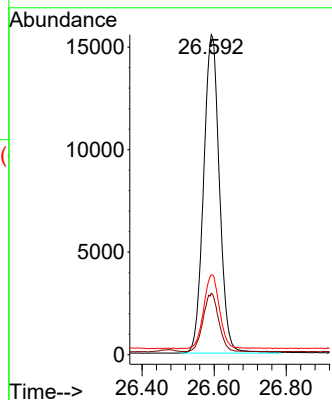
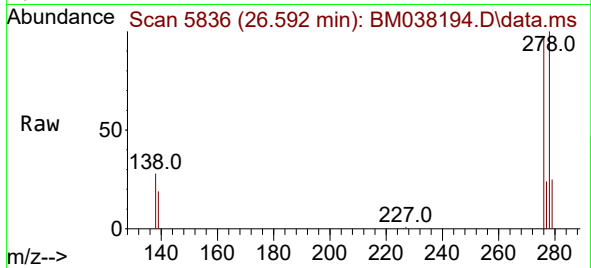




#28
Dibenzo(a,h)anthracene
Concen: 1.533 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.003 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:278 Resp: 47528
Ion Ratio Lower Upper
278 100
139 19.2 16.8 25.2
279 25.0 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 1.515 ng/ul
RT: 27.373 min Scan# 6069
Delta R.T. 0.003 min
Lab File: BM038194.D
Acq: 22 Dec 2022 12:26

Tgt Ion:276 Resp: 51233
Ion Ratio Lower Upper
276 100
138 23.7 20.8 31.2
277 23.4 20.5 30.7

