

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038196.D
 Acq On : 22 Dec 2022 13:39
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 22 23:37:44 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

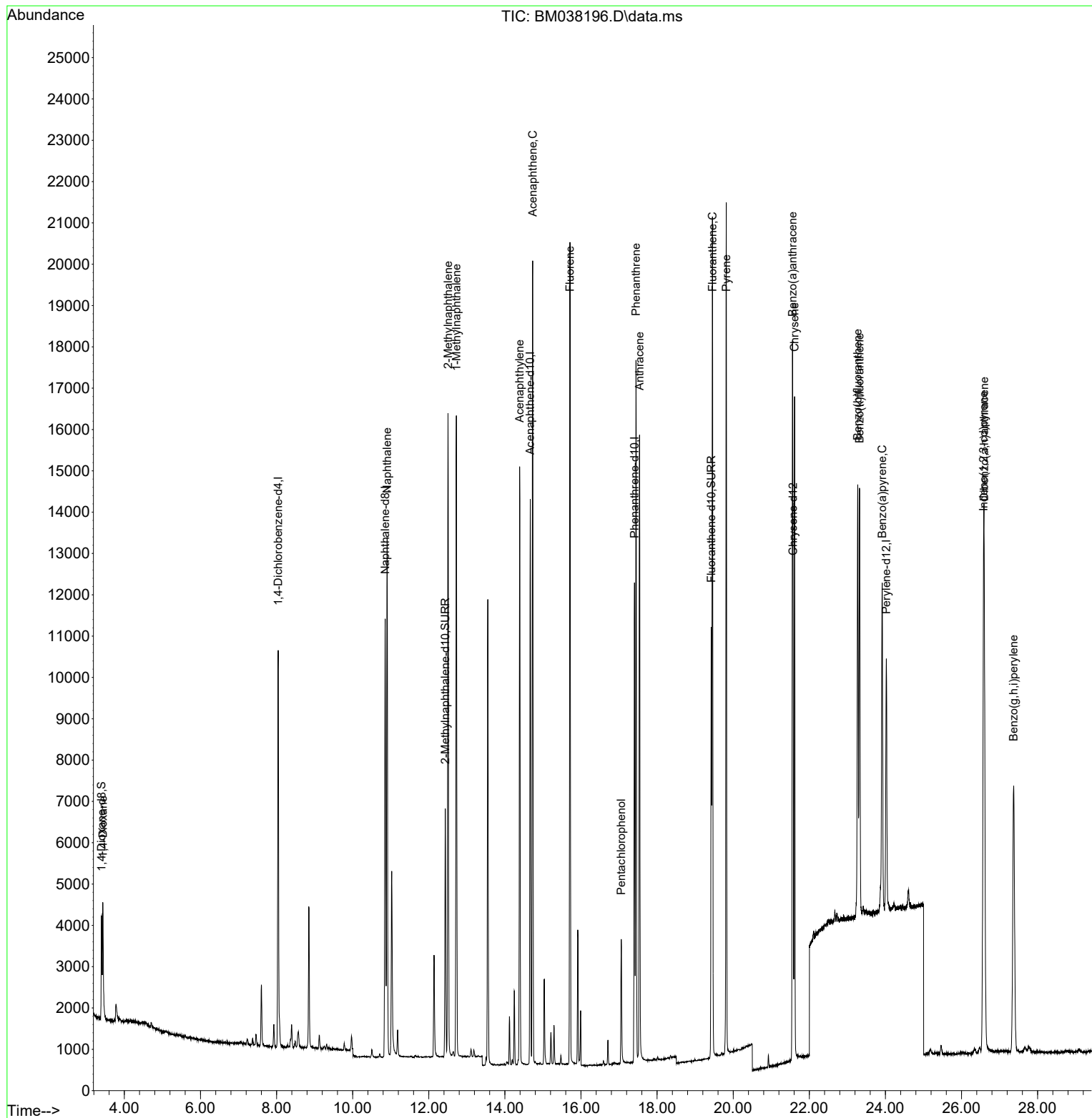
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4875	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	14405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7158	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	13453	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	7879	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	8460	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	1988	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	7433	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	11340	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	1792	0.368	ng/ul	98
5) Naphthalene	10.906	128	16573	0.393	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	10675	0.406	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	10286	0.383	ng/ul	99
10) Acenaphthylene	14.389	152	15927	0.403	ng/ul	99
11) Acenaphthene	14.731	153	11242	0.399	ng/ul	99
12) Fluorene	15.712	166	12038	0.394	ng/ul	100
14) Pentachlorophenol	17.059	266	2148	0.320	ng/ul	100
15) Phenanthrene	17.447	178	17378	0.386	ng/ul	99
16) Anthracene	17.540	178	16648	0.385	ng/ul	100
19) Fluoranthene	19.455	202	17447	0.404	ng/ul	99
20) Pyrene	19.817	202	17385	0.399	ng/ul	99
21) Benzo(a)anthracene	21.556	228	13716	0.397	ng/ul	99
22) Chrysene	21.612	228	13284	0.395	ng/ul	99
24) Benzo(b)fluoranthene	23.272	252	13898	0.371	ng/ul	99
25) Benzo(k)fluoranthene	23.319	252	13760	0.382	ng/ul	100
26) Benzo(a)pyrene	23.915	252	12372	0.379	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.579	276	16611	0.367	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	13669	0.388	ng/ul	99
29) Benzo(g,h,i)perylene	27.370	276	14630	0.384	ng/ul	99

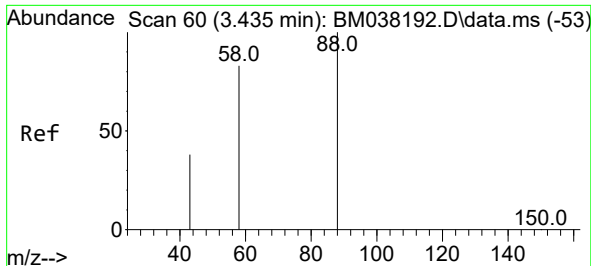
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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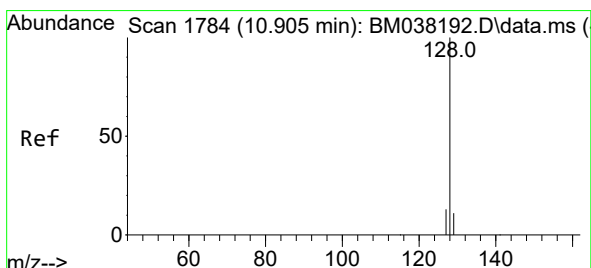
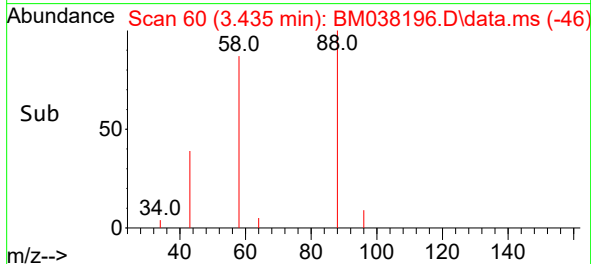
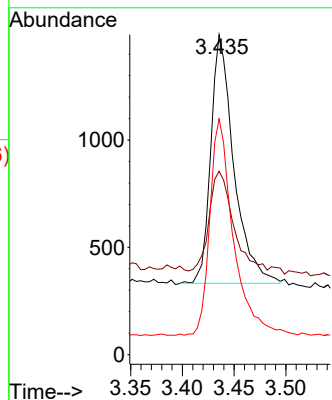
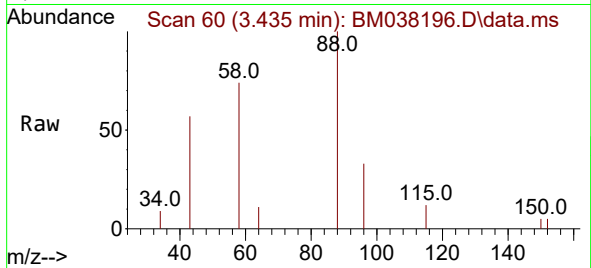




#2
1,4-Dioxane
Concen: 0.368 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

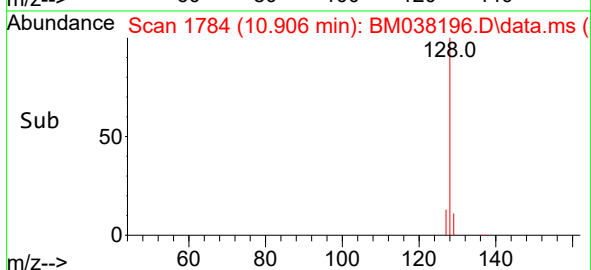
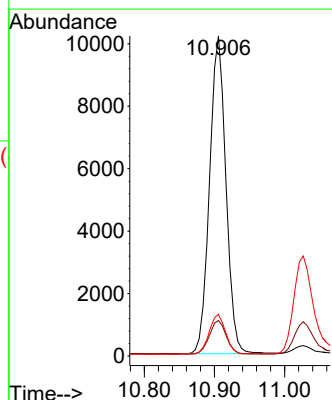
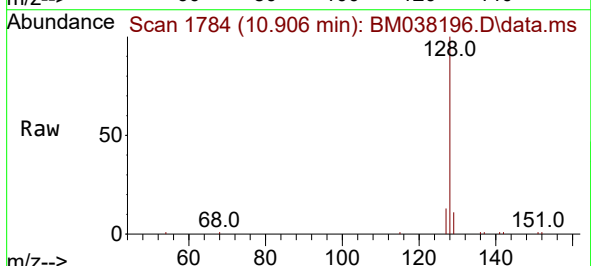
Instrument :
BNA_M
ClientSampleId :

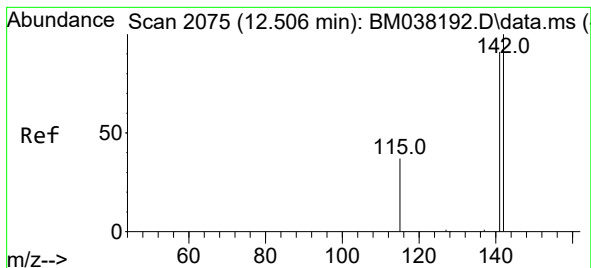
Tgt Ion: 88 Resp: 1792
Ion Ratio Lower Upper
88 100
43 57.3 46.4 69.6
58 73.7 56.9 85.3



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

Tgt Ion: 128 Resp: 16573
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.0 10.7 16.1

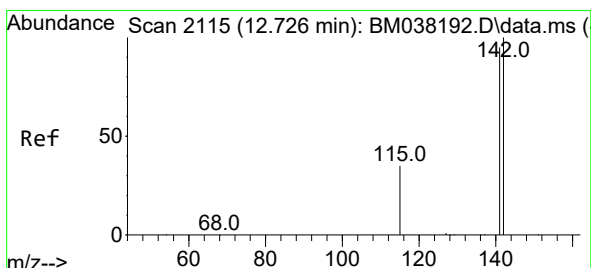
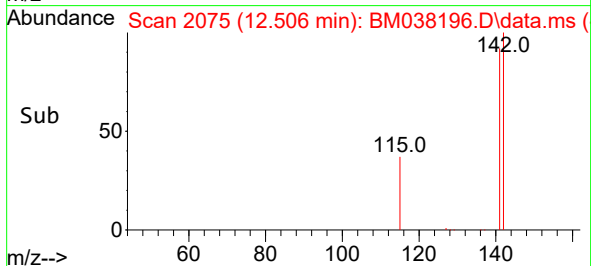
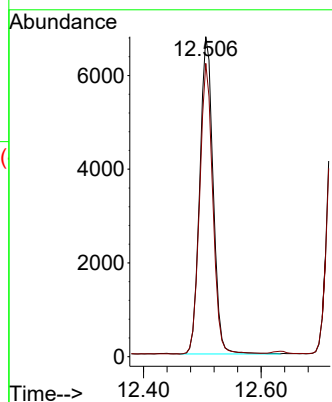
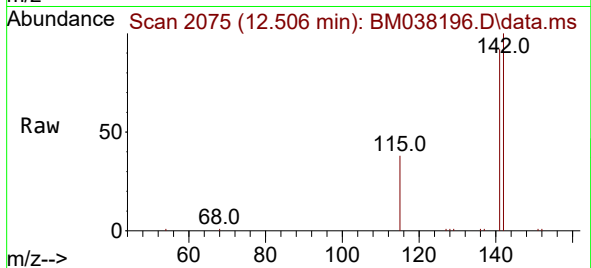




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

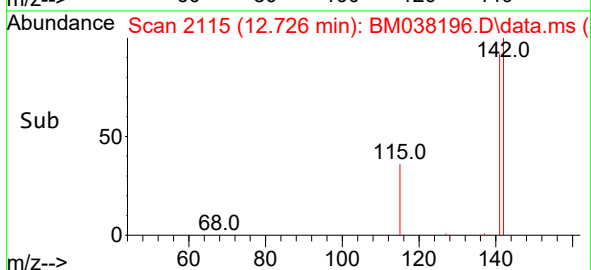
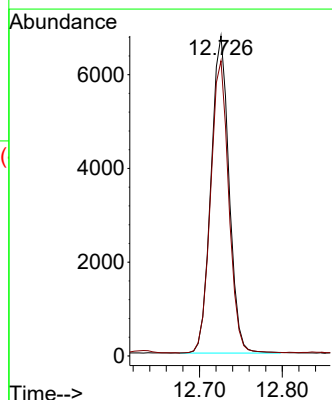
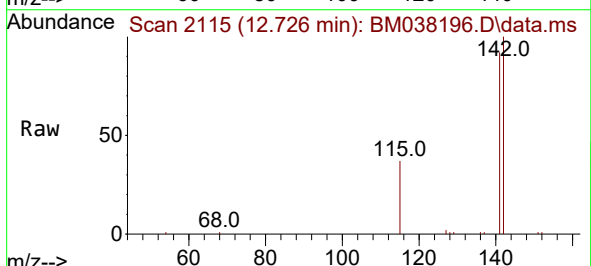
Instrument :
BNA_M
ClientSampleId :

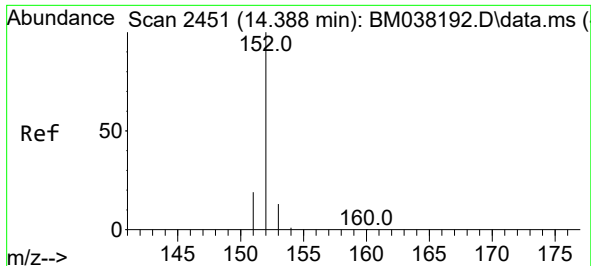
Tgt Ion:142 Resp: 10675
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

Tgt Ion:142 Resp: 10286
Ion Ratio Lower Upper
142 100
141 92.3 74.7 112.1

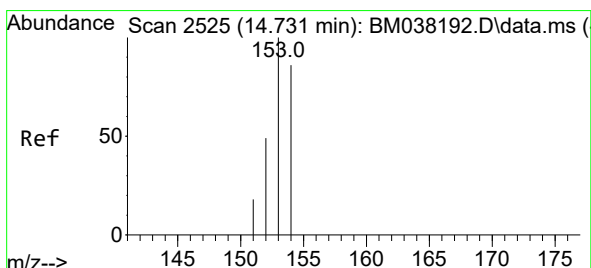
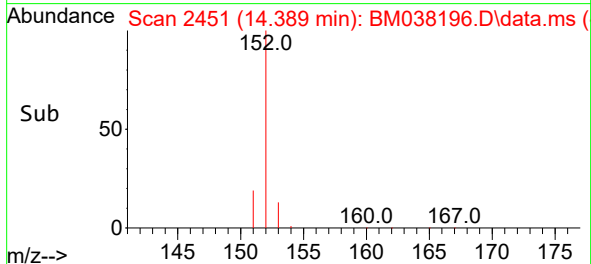
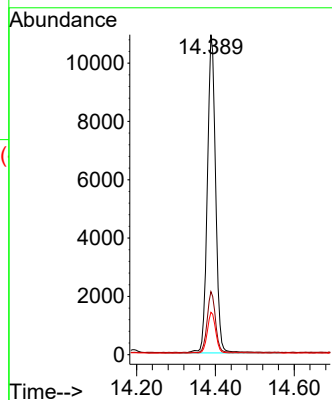
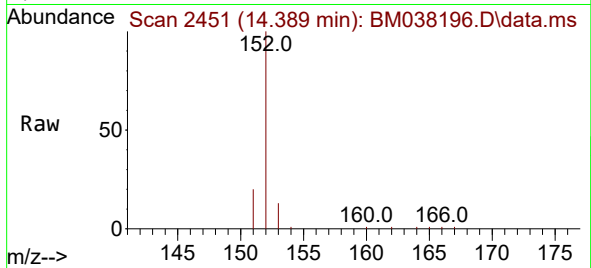




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

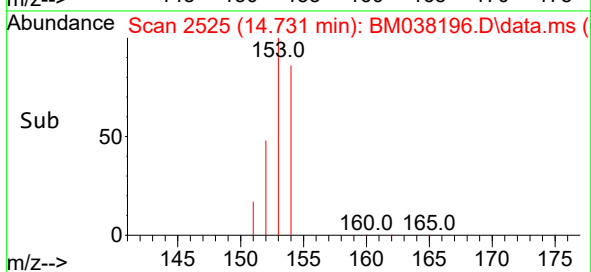
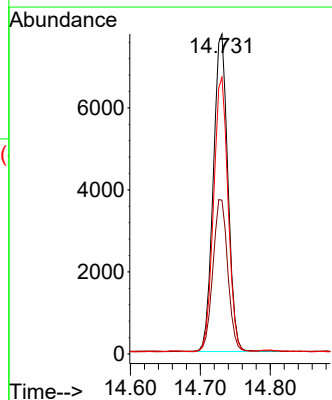
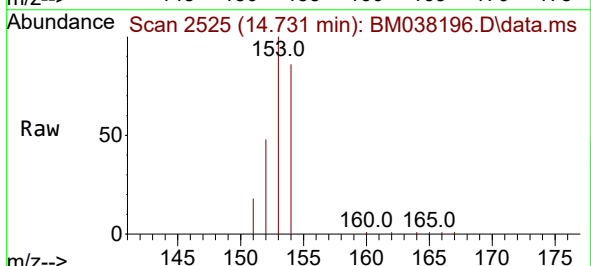
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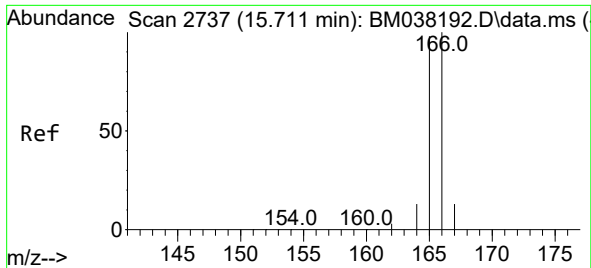
Tgt Ion:152 Resp: 15927
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.7 16.1



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

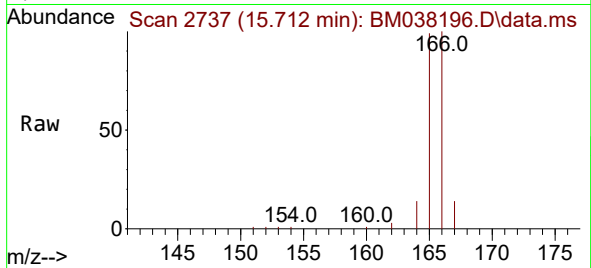
Tgt Ion:153 Resp: 11242
Ion Ratio Lower Upper
153 100
152 48.1 39.4 59.0
154 86.4 69.0 103.4



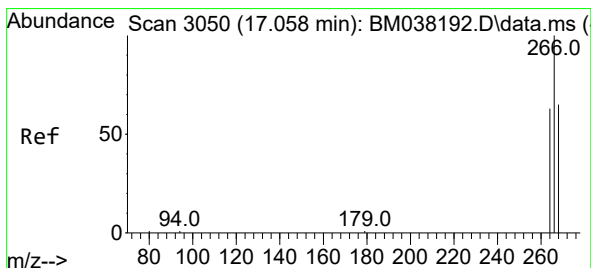
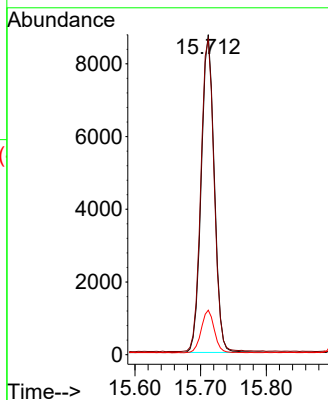
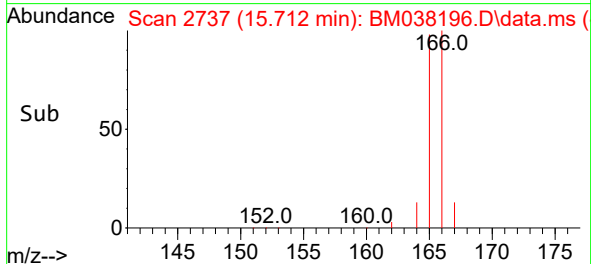


#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.712 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

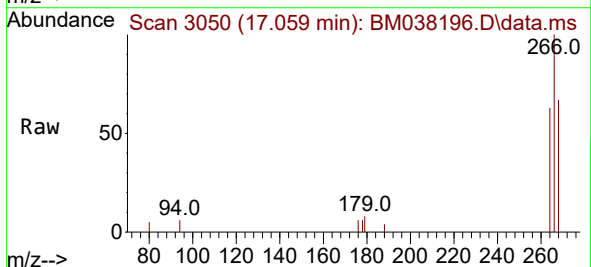
Instrument :
BNA_M
ClientSampleId :



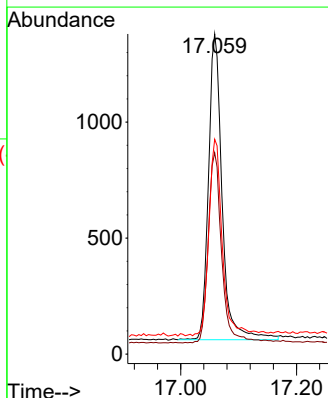
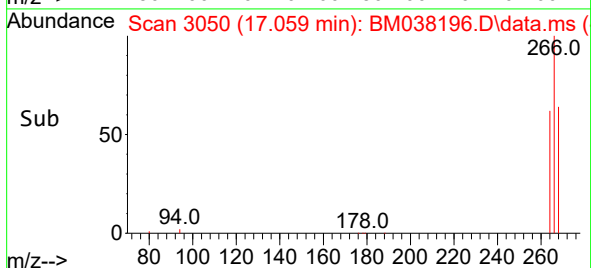
Tgt Ion:166 Resp: 12038
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 13.9 11.0 16.6

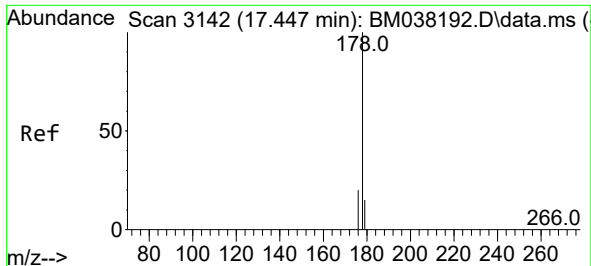


#14
Pentachlorophenol
Concen: 0.320 ng/ul
RT: 17.059 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39



Tgt Ion:266 Resp: 2148
Ion Ratio Lower Upper
266 100
264 62.2 49.9 74.9
268 64.4 51.2 76.8

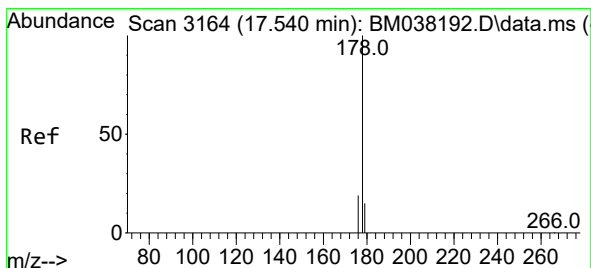
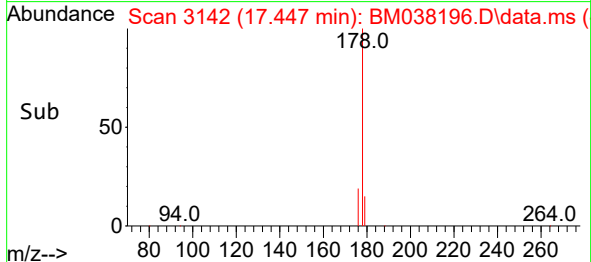
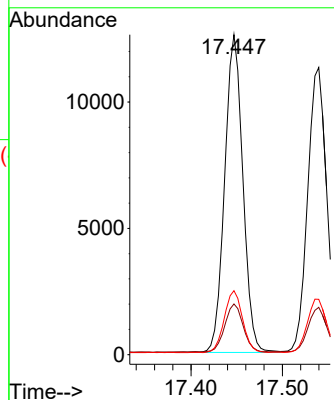
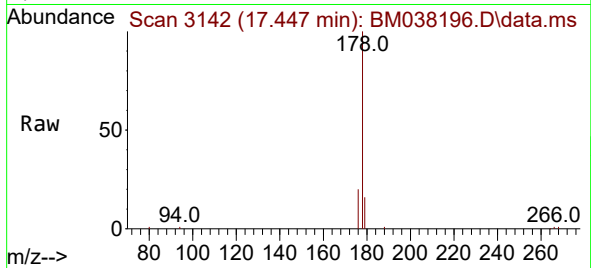




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

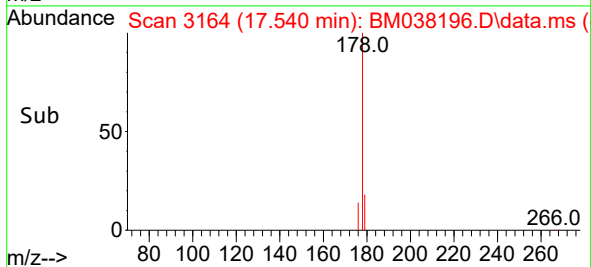
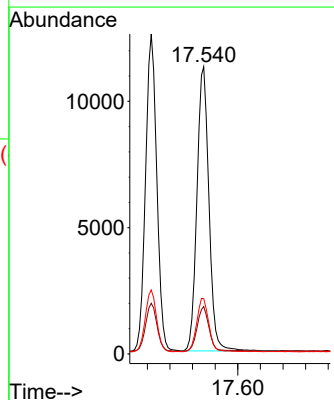
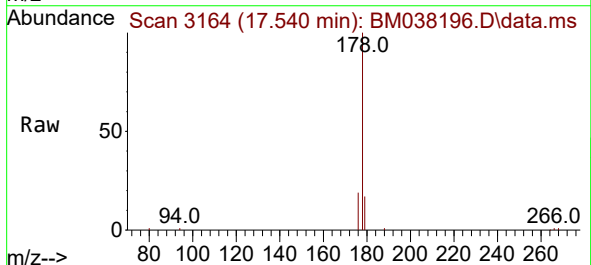
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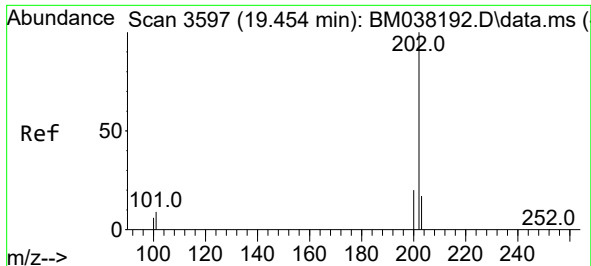
Tgt Ion:178 Resp: 17378
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 20.0 16.2 24.4



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

Tgt Ion:178 Resp: 16648
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.3 15.6 23.4

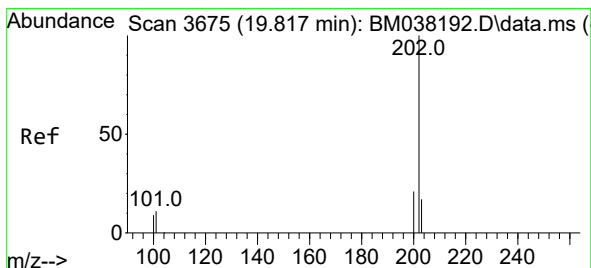
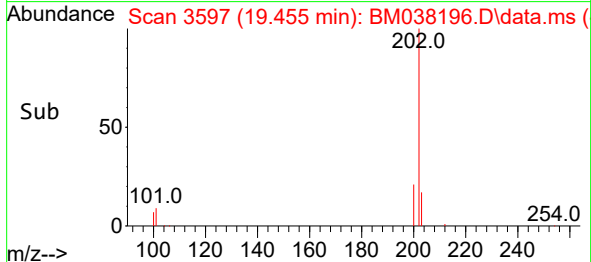
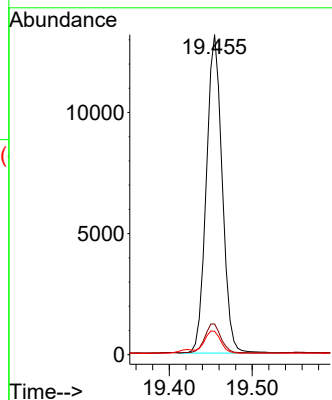
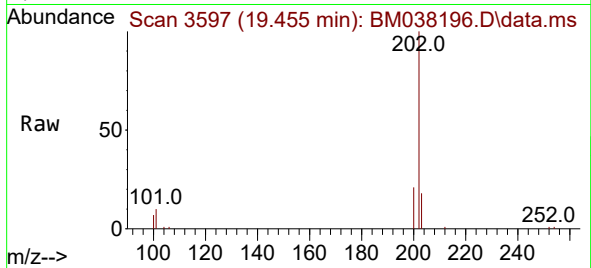




#19
Fluoranthene
Concen: 0.404 ng/u1
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

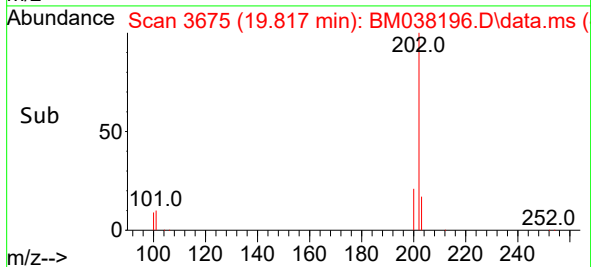
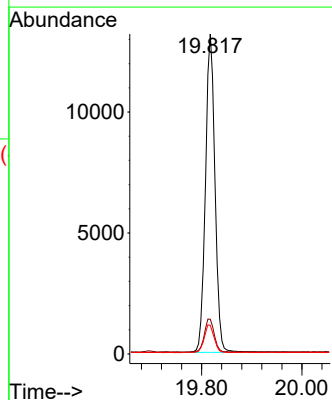
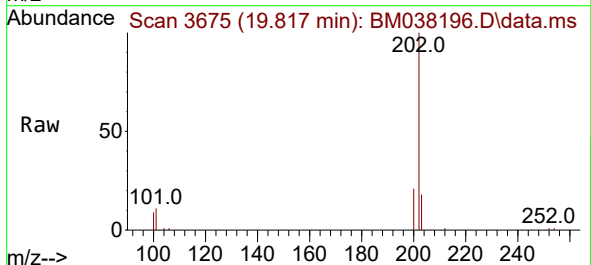
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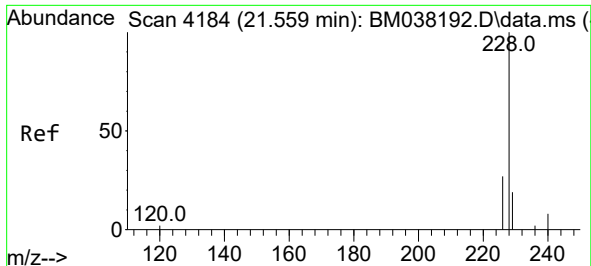
Tgt Ion:202 Resp: 17447
Ion Ratio Lower Upper
202 100
101 9.6 7.5 11.3
100 7.3 5.6 8.4



#20
Pyrene
Concen: 0.399 ng/u1
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

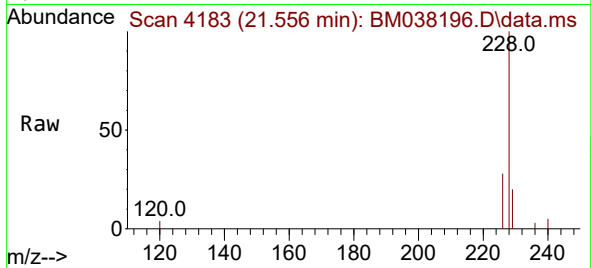
Tgt Ion:202 Resp: 17385
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 8.9 7.4 11.0



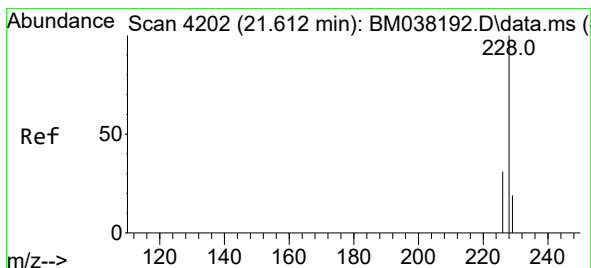
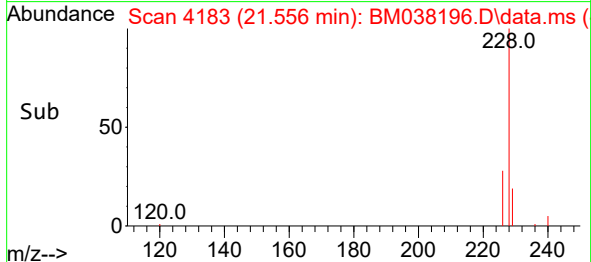
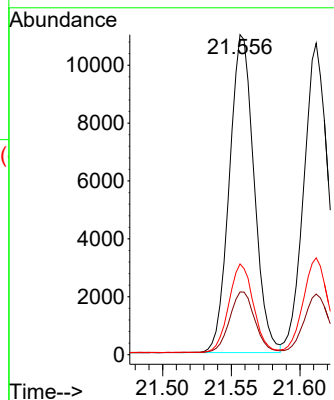


#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

Instrument :
BNA_M
ClientSampleId :

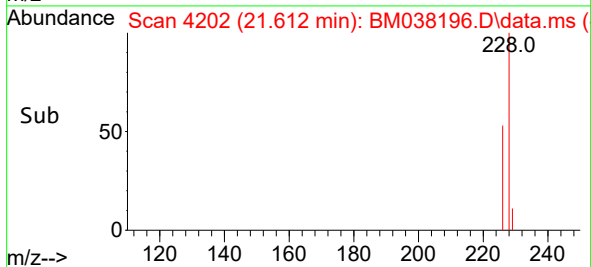
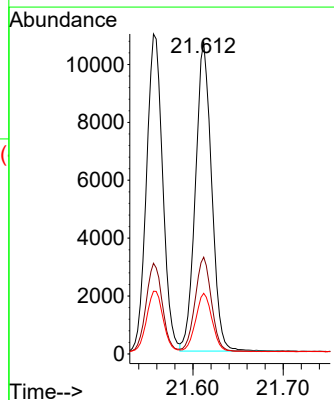
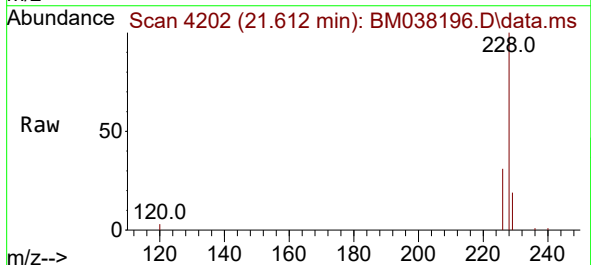


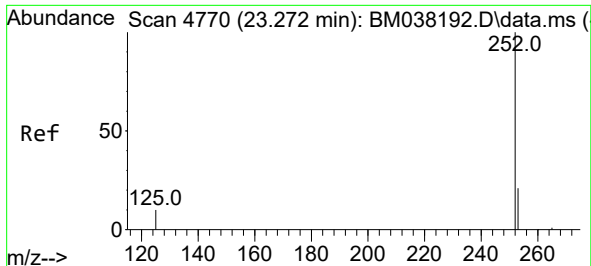
Tgt Ion:228 Resp: 13716
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 28.3 22.2 33.2



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

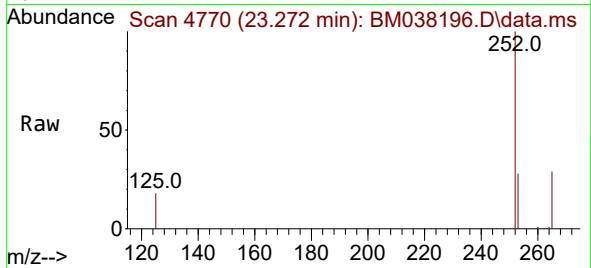
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Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.4
229 19.5 16.0 24.0



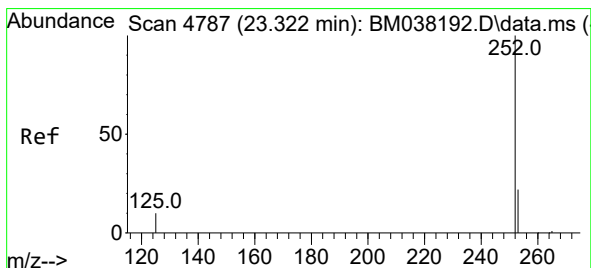
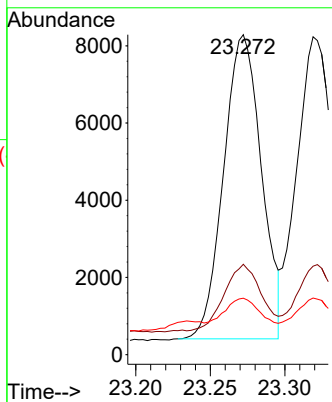
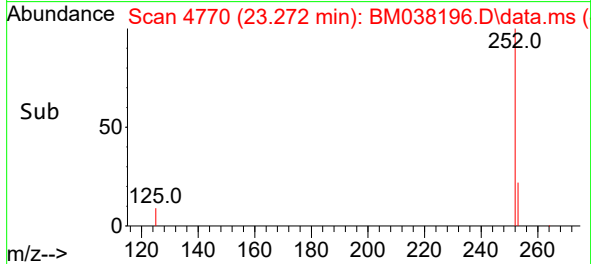


#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

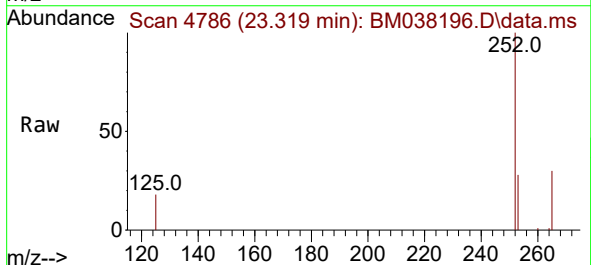
Instrument :
BNA_M
ClientSampleId :



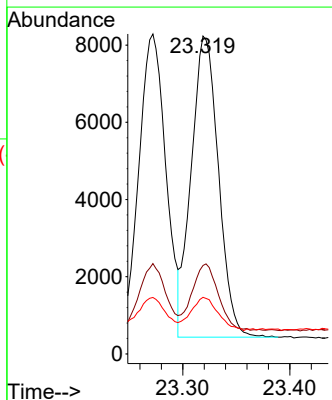
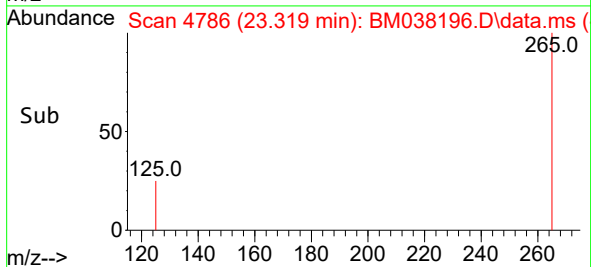
Tgt Ion:252 Resp: 13898
Ion Ratio Lower Upper
252 100
253 28.2 0.0 56.0
125 17.6 0.0 36.6

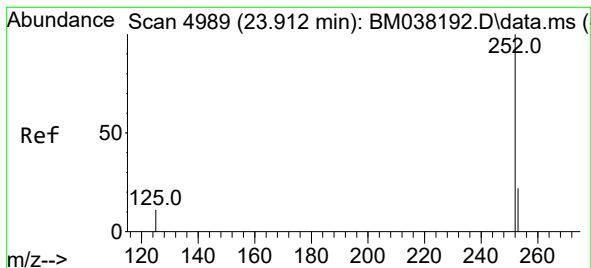


#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39



Tgt Ion:252 Resp: 13760
Ion Ratio Lower Upper
252 100
253 27.8 22.5 33.7
125 17.8 14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.379 ng/ul

RT: 23.915 min Scan# 4989

Delta R.T. 0.003 min

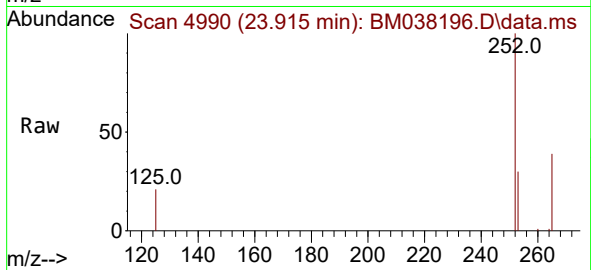
Lab File: BM038196.D

Acq: 22 Dec 2022 13:39

Instrument :

BNA_M

ClientSampleId :



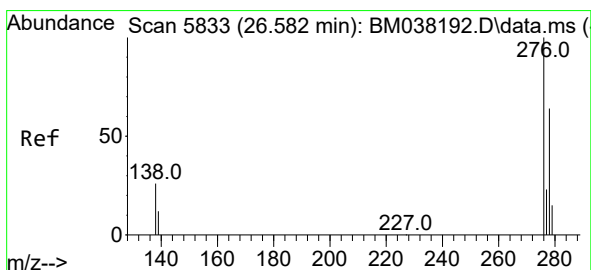
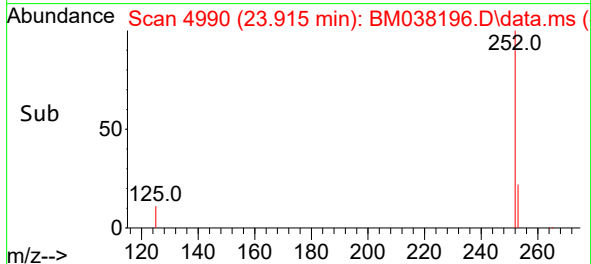
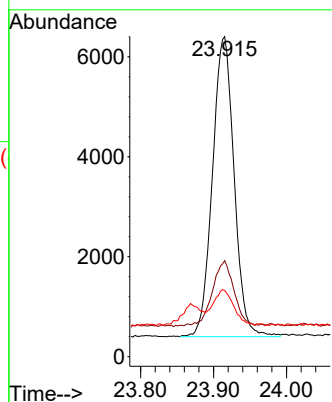
Tgt Ion:252 Resp: 12372

Ion Ratio Lower Upper

252 100

253 30.0 24.2 36.4

125 20.7 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.367 ng/ul

RT: 26.579 min Scan# 5832

Delta R.T. -0.003 min

Lab File: BM038196.D

Acq: 22 Dec 2022 13:39

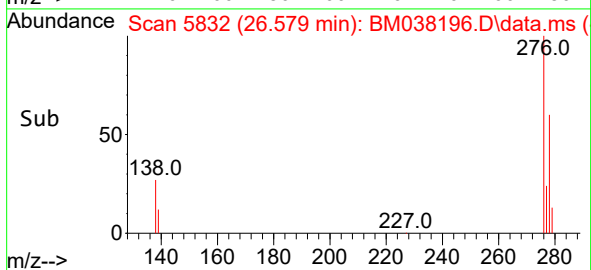
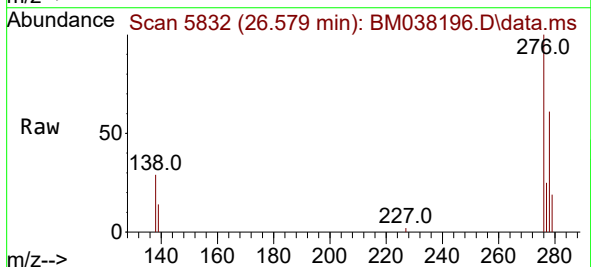
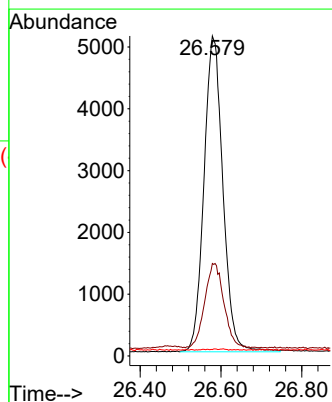
Tgt Ion:276 Resp: 16611

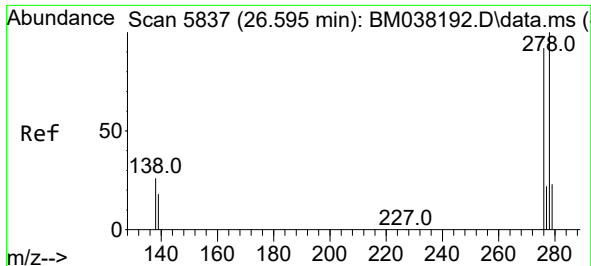
Ion Ratio Lower Upper

276 100

138 27.1 21.7 32.5

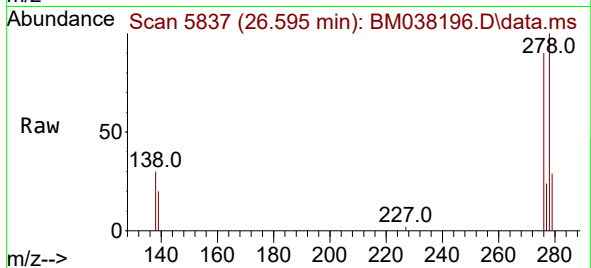
227 0.1 0.0 0.0#



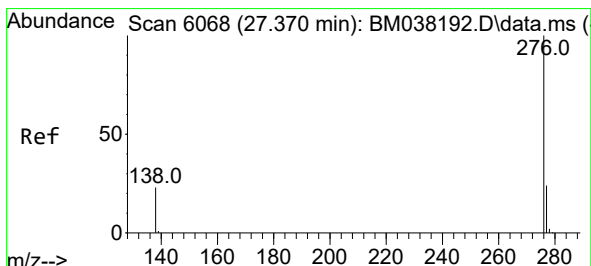
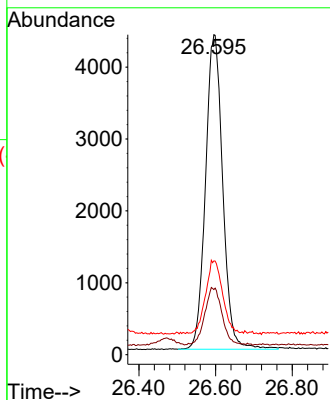
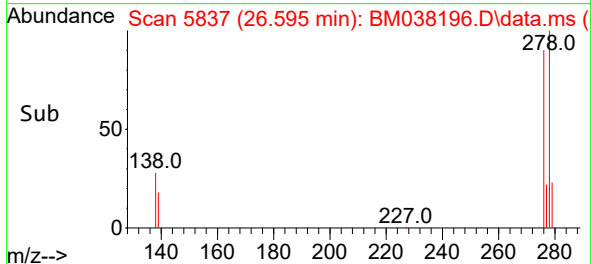


#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 26.595 min Scan# 5837
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 13669
Ion Ratio Lower Upper
278 100
139 20.4 16.8 25.2
279 29.3 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038196.D
Acq: 22 Dec 2022 13:39

Tgt Ion:276 Resp: 14630
Ion Ratio Lower Upper
276 100
138 26.8 20.8 31.2
277 25.5 20.5 30.7

