

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038035.D
 Acq On : 15 Dec 2022 17:04
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4188

Quant Time: Dec 15 23:44:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

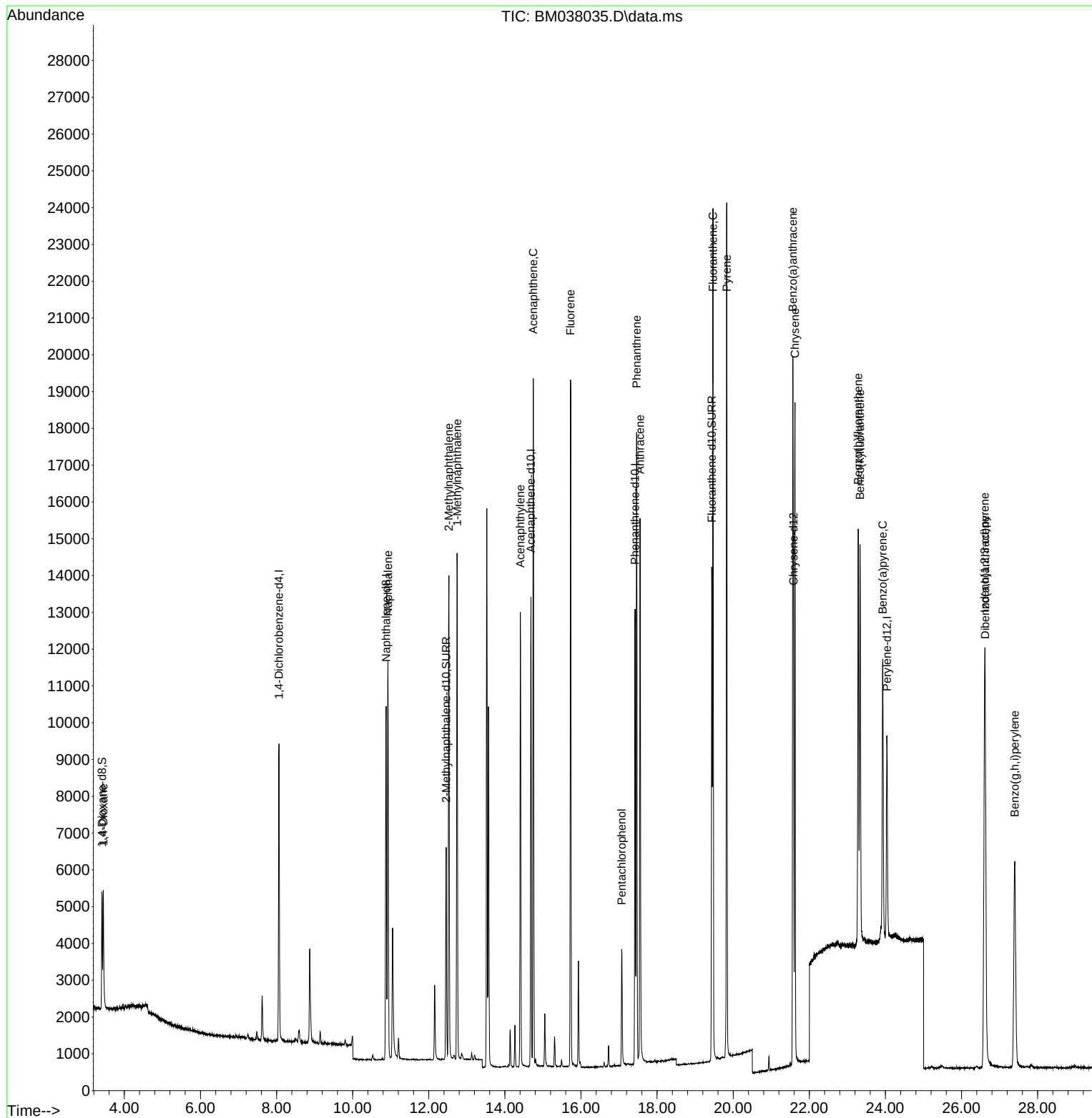
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	4279	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	12623	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	6689	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.421	188	13857	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	8812	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	7958	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2132	0.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	7281	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	13512	0.423	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	2097	0.398	ng/ul	98
5) Naphthalene	10.927	128	15050	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	9272	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	9455	0.393	ng/ul	100
10) Acenaphthylene	14.407	152	13746	0.392	ng/ul	99
11) Acenaphthene	14.745	153	10539	0.397	ng/ul	99
12) Fluorene	15.725	166	11664	0.396	ng/ul	98
14) Pentachlorophenol	17.071	266	2293	0.400	ng/ul	98
15) Phenanthrene	17.464	178	18178	0.390	ng/ul	100
16) Anthracene	17.552	178	16672	0.386	ng/ul	99
19) Fluoranthene	19.468	202	19026	0.418	ng/ul	99
20) Pyrene	19.831	202	19383	0.417	ng/ul	98
21) Benzo(a)anthracene	21.568	228	15390	0.404	ng/ul	99
22) Chrysene	21.623	228	15900	0.414	ng/ul	99
24) Benzo(b)fluoranthene	23.284	252	14816	0.393	ng/ul	98
25) Benzo(k)fluoranthene	23.333	252	14360	0.394	ng/ul	100
26) Benzo(a)pyrene	23.930	252	12218	0.384	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.609	276	14849	0.372	ng/ul	99
28) Dibenzo(a,h)anthracene	26.622	278	11634	0.374	ng/ul	100
29) Benzo(g,h,i)perylene	27.400	276	12704	0.375	ng/ul	98

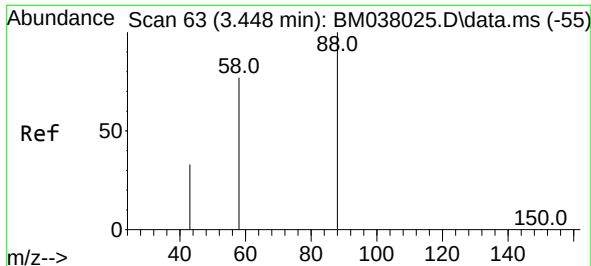
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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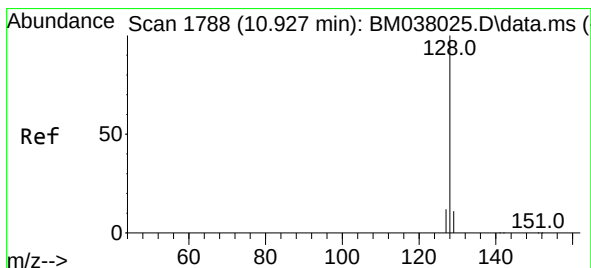
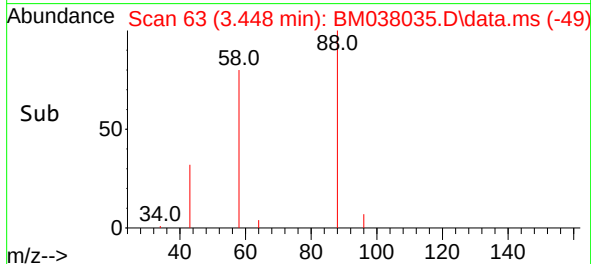
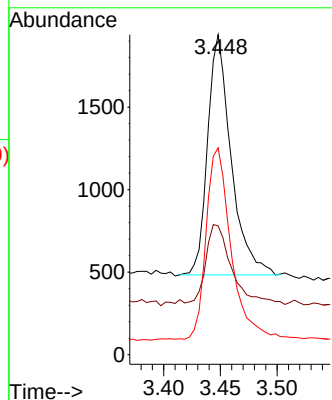
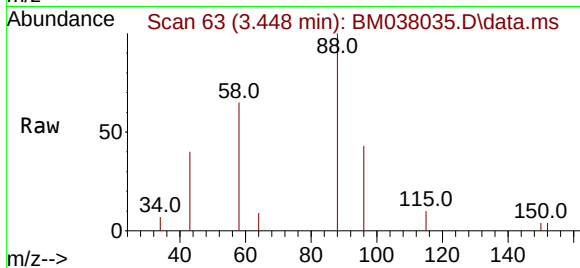




#2
1,4-Dioxane
Concen: 0.398 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

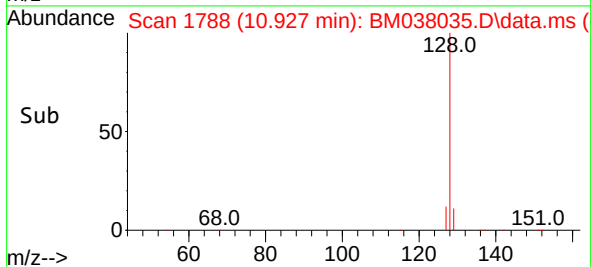
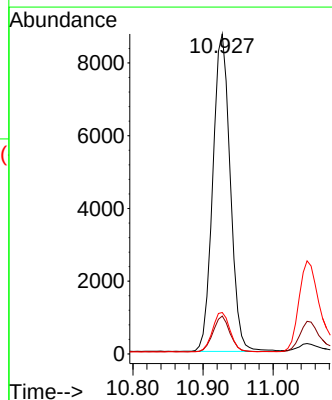
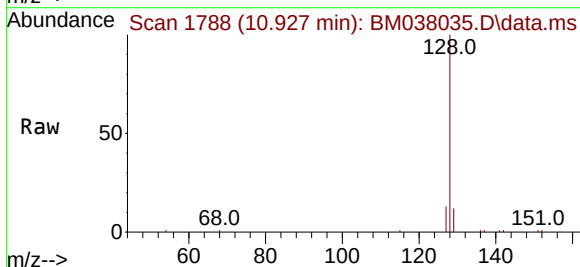
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

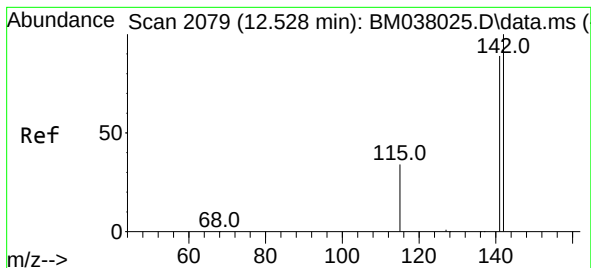
Tgt Ion: 88 Resp: 2097
Ion Ratio Lower Upper
88 100
43 40.3 31.4 47.0
58 64.6 50.2 75.2



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.927 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion: 128 Resp: 15050
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 12.9 10.4 15.6

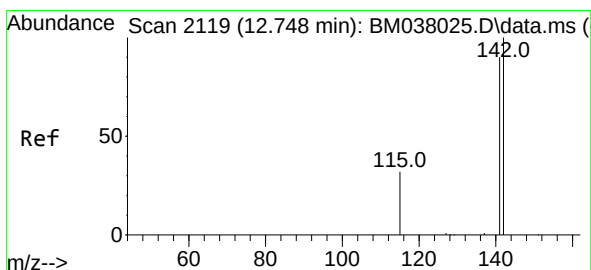
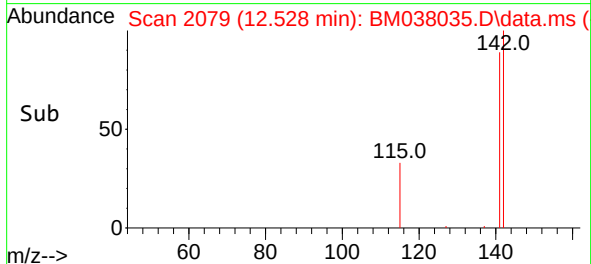
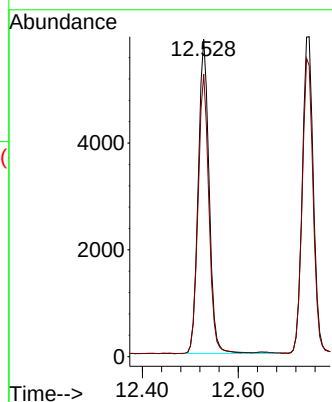
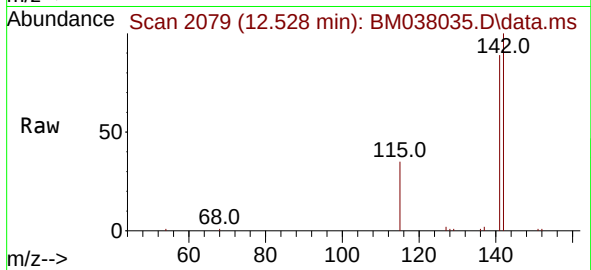




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

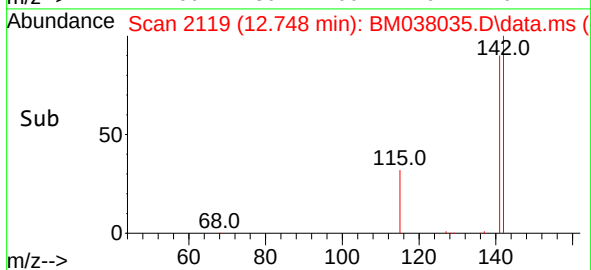
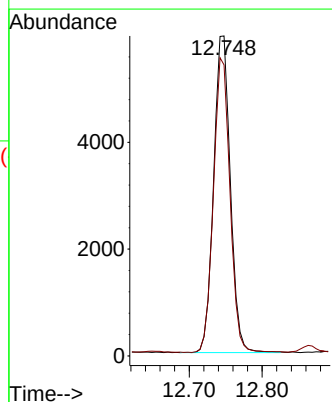
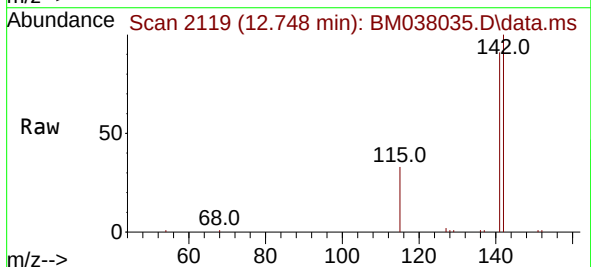
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

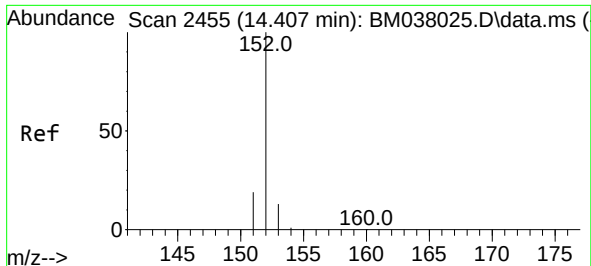
Tgt Ion:142 Resp: 9272
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion:142 Resp: 9455
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4

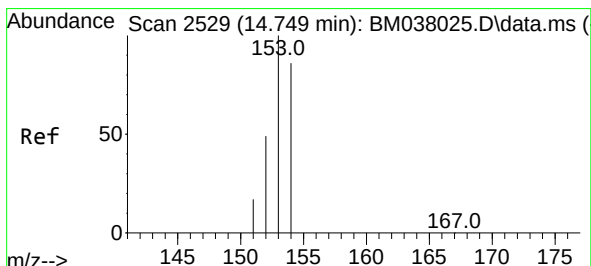
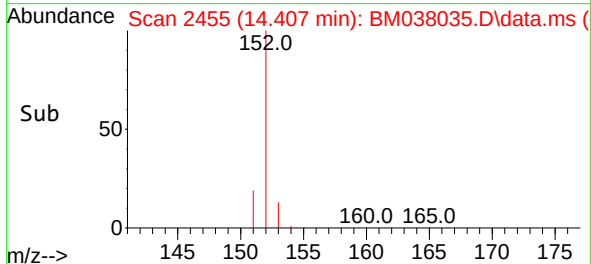
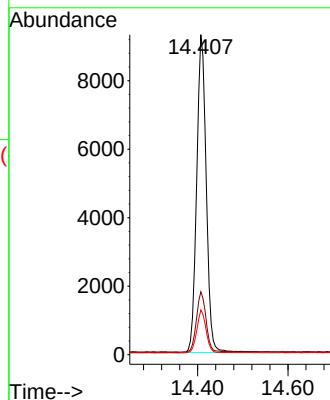
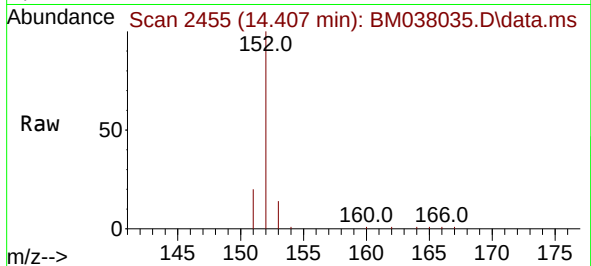




#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

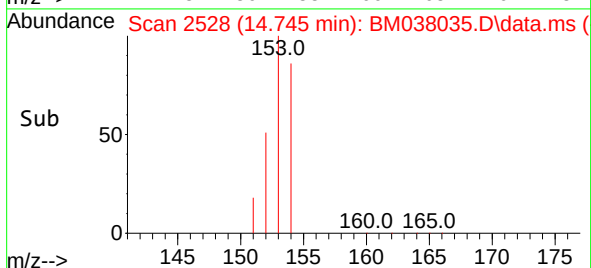
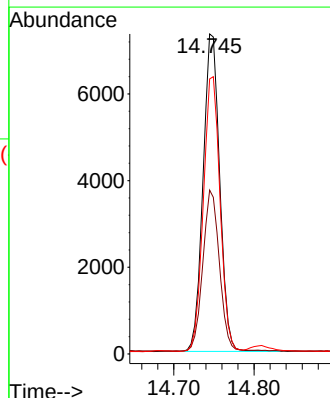
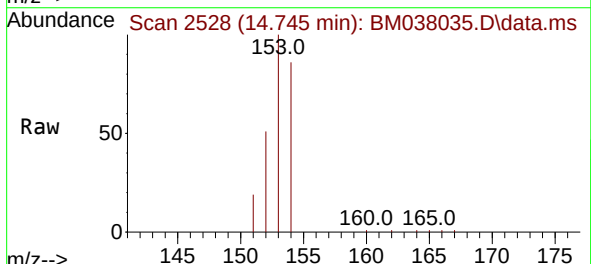
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

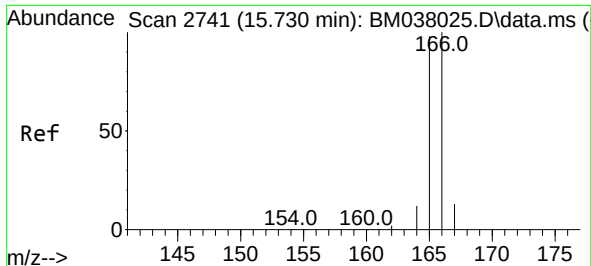
Tgt Ion:152 Resp: 13746
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.9 11.0 16.4



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion:153 Resp: 10539
Ion Ratio Lower Upper
153 100
152 51.2 39.5 59.3
154 85.9 69.2 103.8

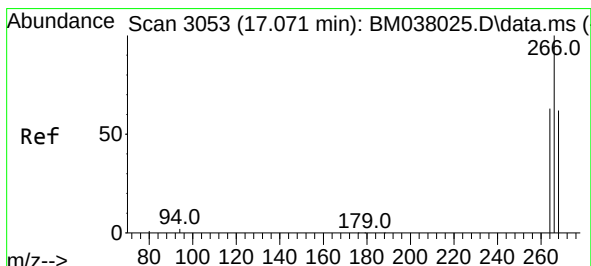
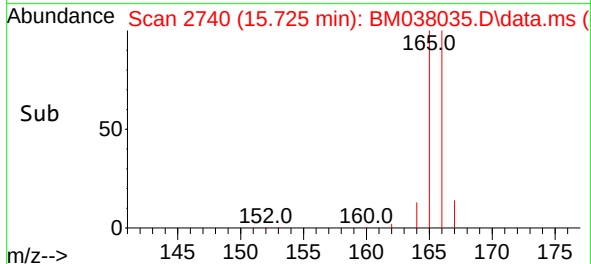
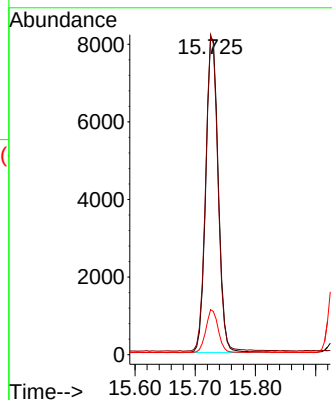
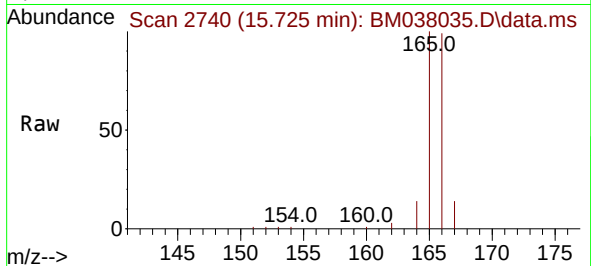




#12
 Fluorene
 Concen: 0.396 ng/ul
 RT: 15.725 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM038035.D
 Acq: 15 Dec 2022 17:04

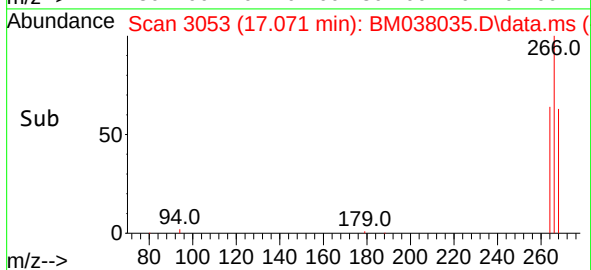
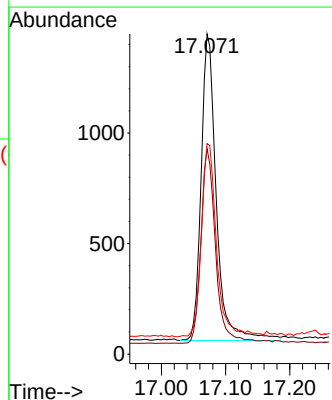
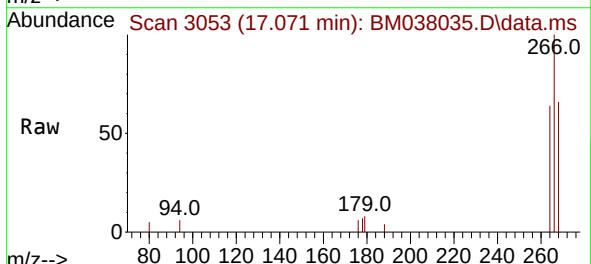
Instrument :
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 ClientSampleId :
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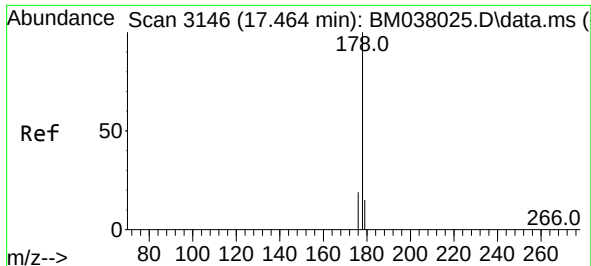
Tgt Ion:166 Resp: 11664
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.0 118.4
 167 14.2 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.400 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: BM038035.D
 Acq: 15 Dec 2022 17:04

Tgt Ion:266 Resp: 2293
 Ion Ratio Lower Upper
 266 100
 264 61.4 49.9 74.9
 268 63.0 52.0 78.0

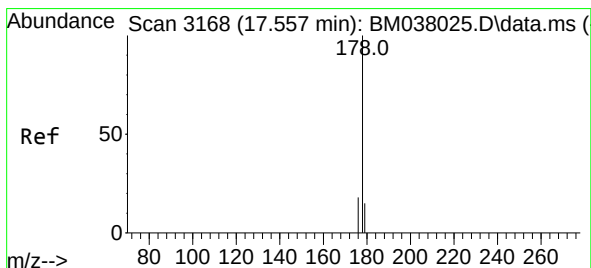
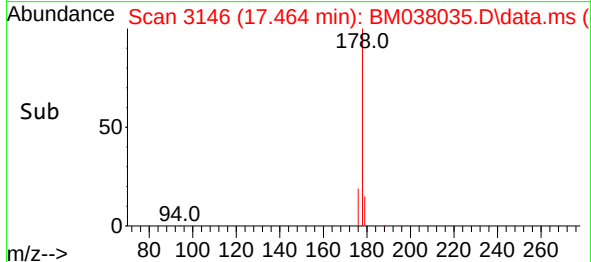
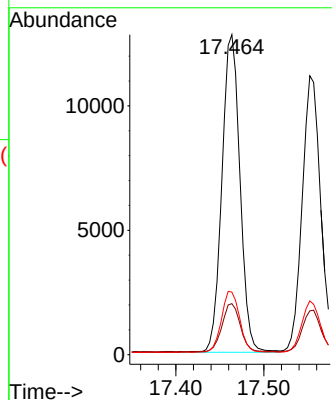
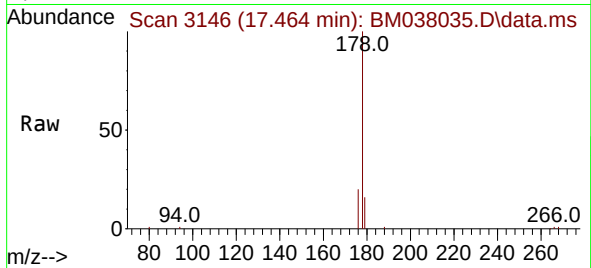




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

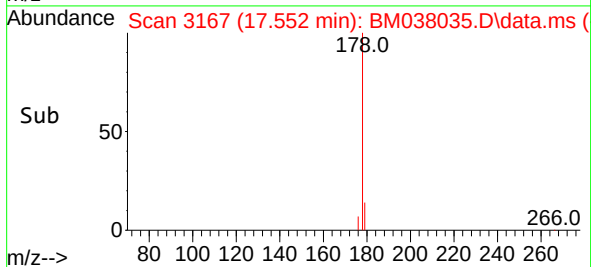
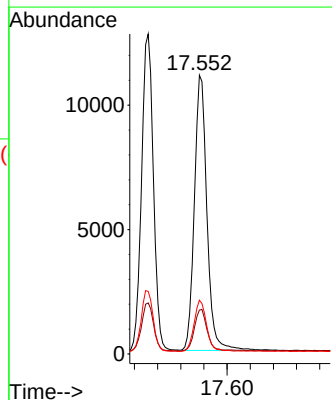
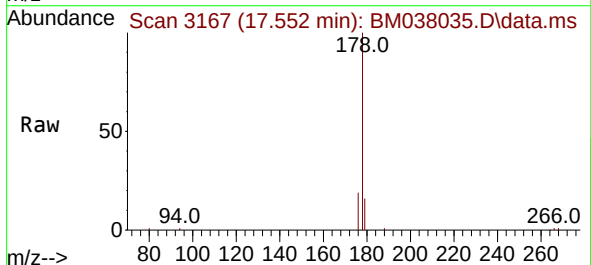
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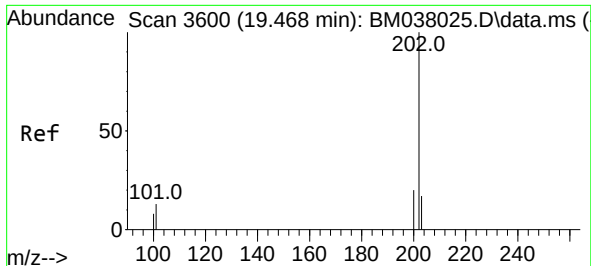
Tgt Ion:178 Resp: 18178
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion:178 Resp: 16672
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.3 15.0 22.4

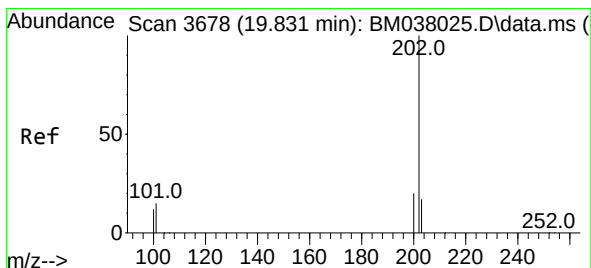
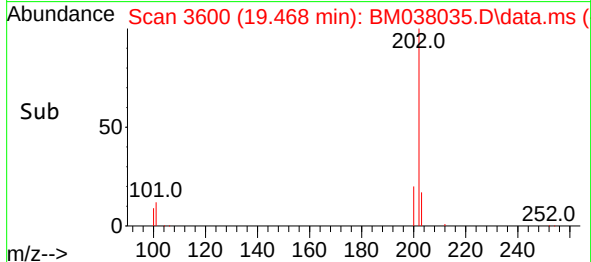
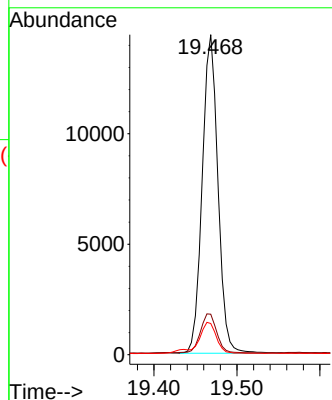
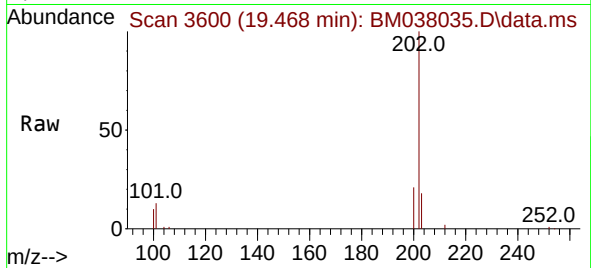




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

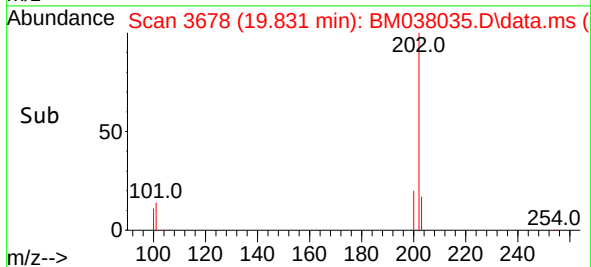
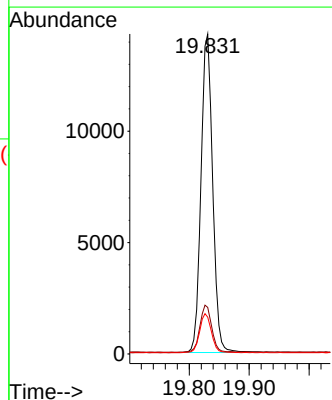
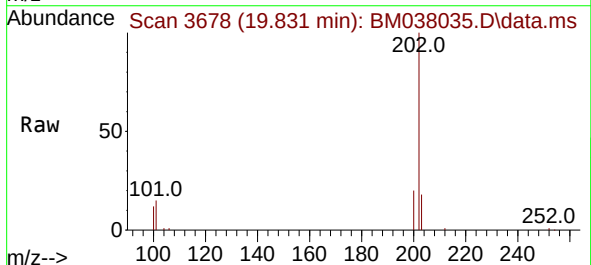
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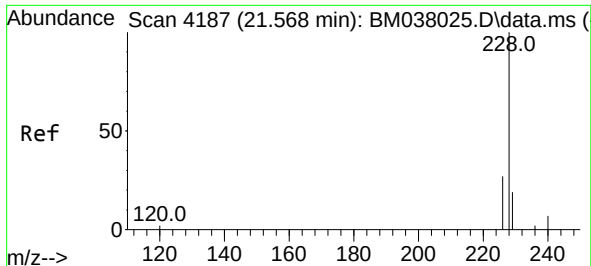
Tgt Ion:202 Resp: 19026
Ion Ratio Lower Upper
202 100
101 12.6 10.6 15.8
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion:202 Resp: 19383
Ion Ratio Lower Upper
202 100
101 14.6 12.1 18.1
100 11.5 9.8 14.6

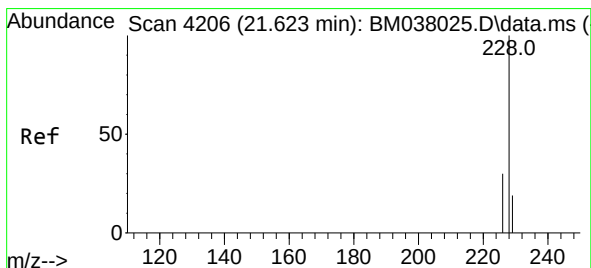
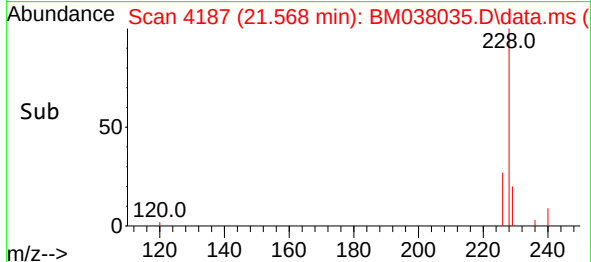
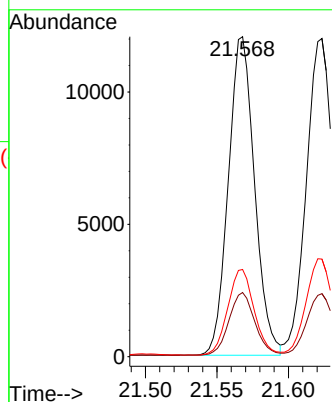
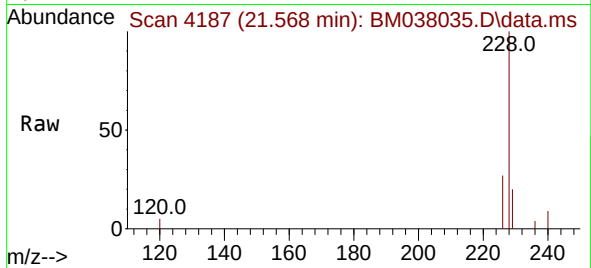




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

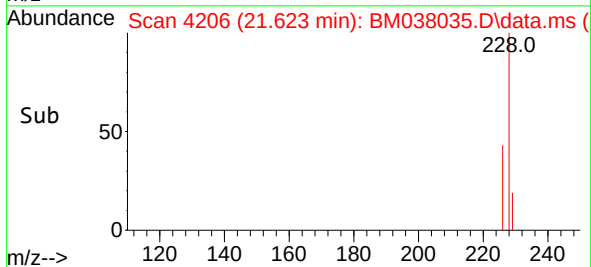
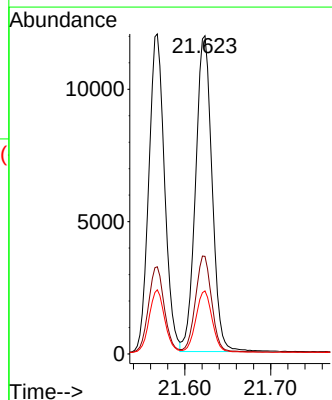
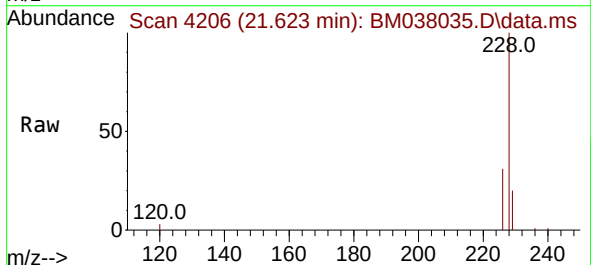
Instrument :
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ClientSampleId :
SSTD0.4188

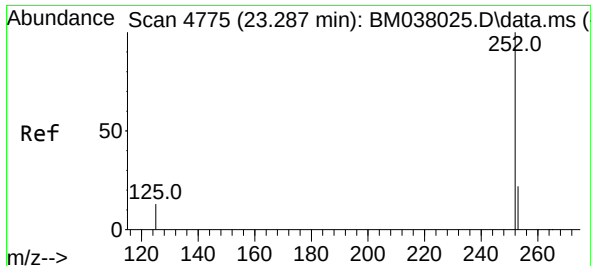
Tgt Ion:228 Resp: 15390
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.414 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion:228 Resp: 15900
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 19.8 15.7 23.5

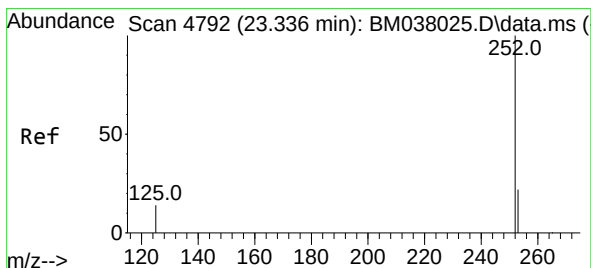
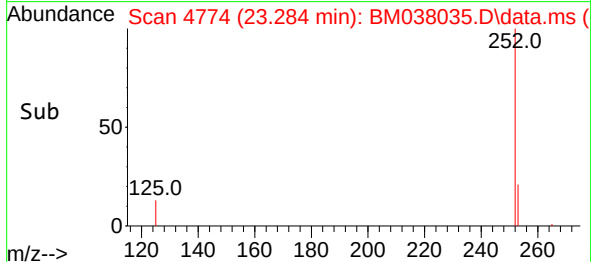
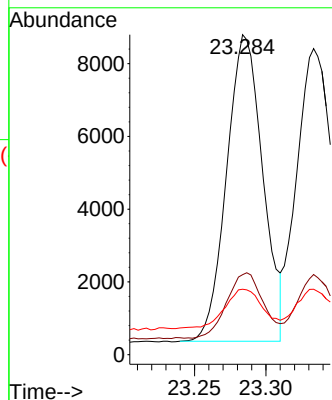
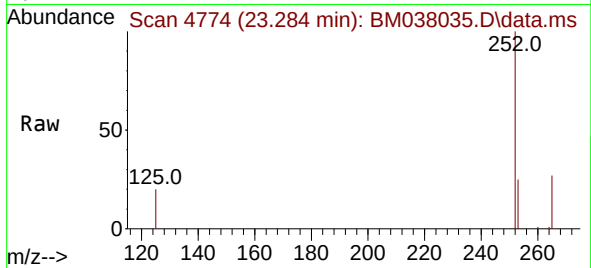




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.284 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

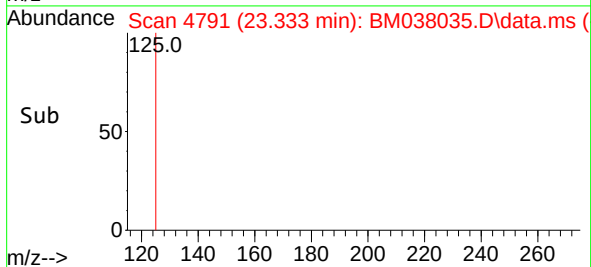
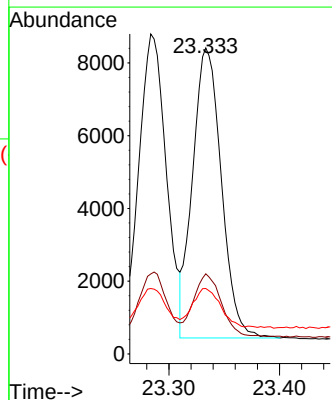
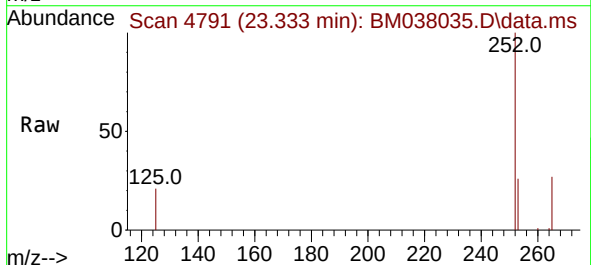
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

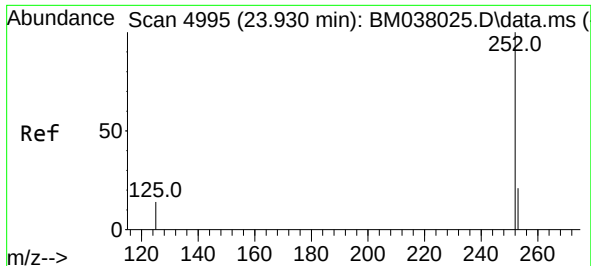
Tgt Ion:252 Resp: 14816
Ion Ratio Lower Upper
252 100
253 25.0 0.0 51.8
125 20.4 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.333 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion:252 Resp: 14360
Ion Ratio Lower Upper
252 100
253 26.2 20.8 31.2
125 21.4 17.1 25.7

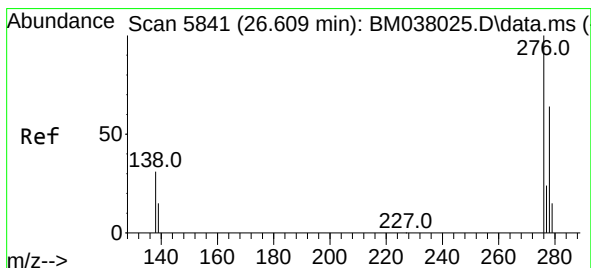
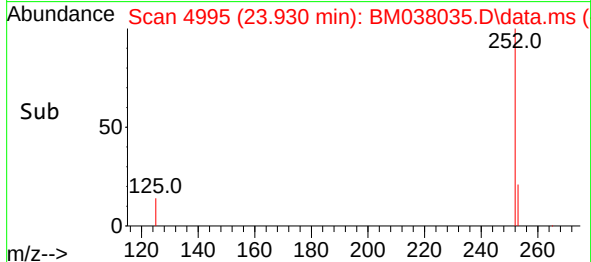
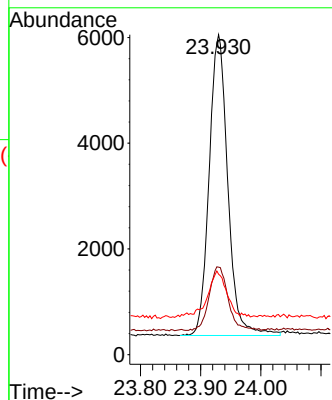
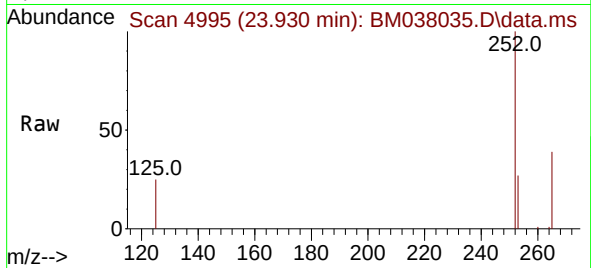




#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

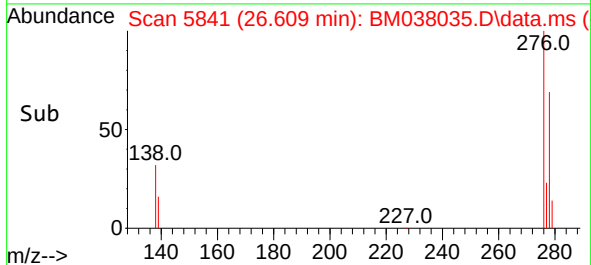
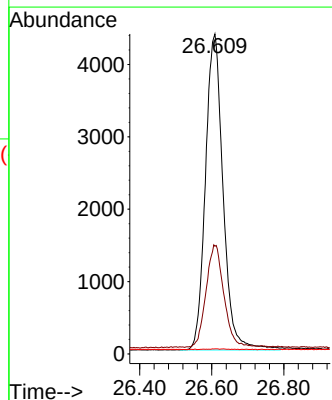
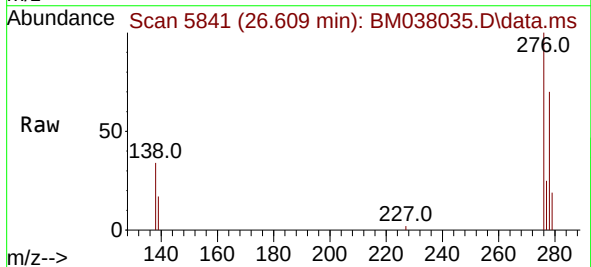
Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

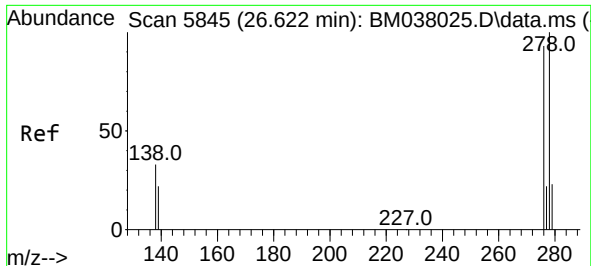
Tgt Ion:252 Resp: 12218
Ion Ratio Lower Upper
252 100
253 27.3 21.9 32.9
125 25.2 20.7 31.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion:276 Resp: 14849
Ion Ratio Lower Upper
276 100
138 32.8 26.6 40.0
227 0.1 0.1 0.1

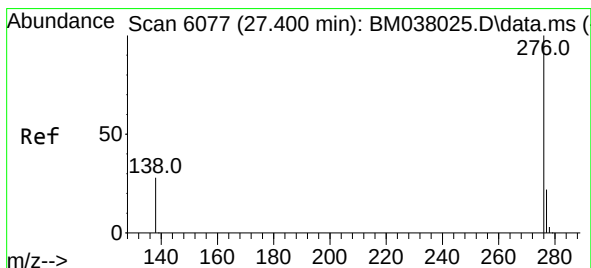
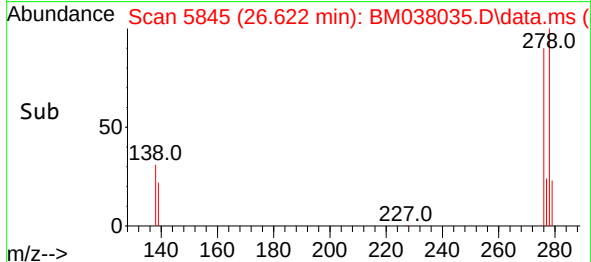
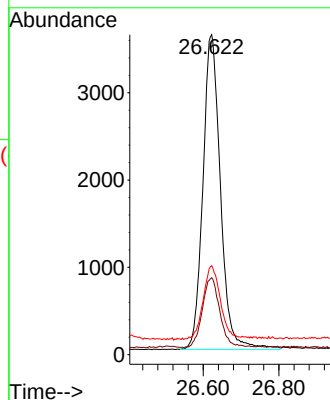
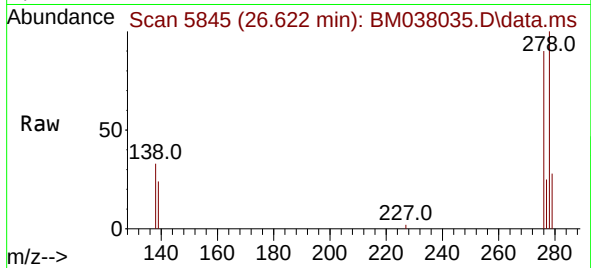




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.622 min Scan# 5845
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4188

Tgt Ion:278 Resp: 11634
Ion Ratio Lower Upper
278 100
139 24.0 19.0 28.6
279 27.8 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038035.D
Acq: 15 Dec 2022 17:04

Tgt Ion:276 Resp: 12704
Ion Ratio Lower Upper
276 100
138 30.8 24.1 36.1
277 25.3 19.0 28.6

