

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BN051222\
 Data File : BM035020.D
 Acq On : 12 May 2022 15:49
 Operator : CG/JU
 Sample : SST0.438
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4038

Quant Time: May 12 17:20:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 17:18:03 2022
 Response via : Initial Calibration

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

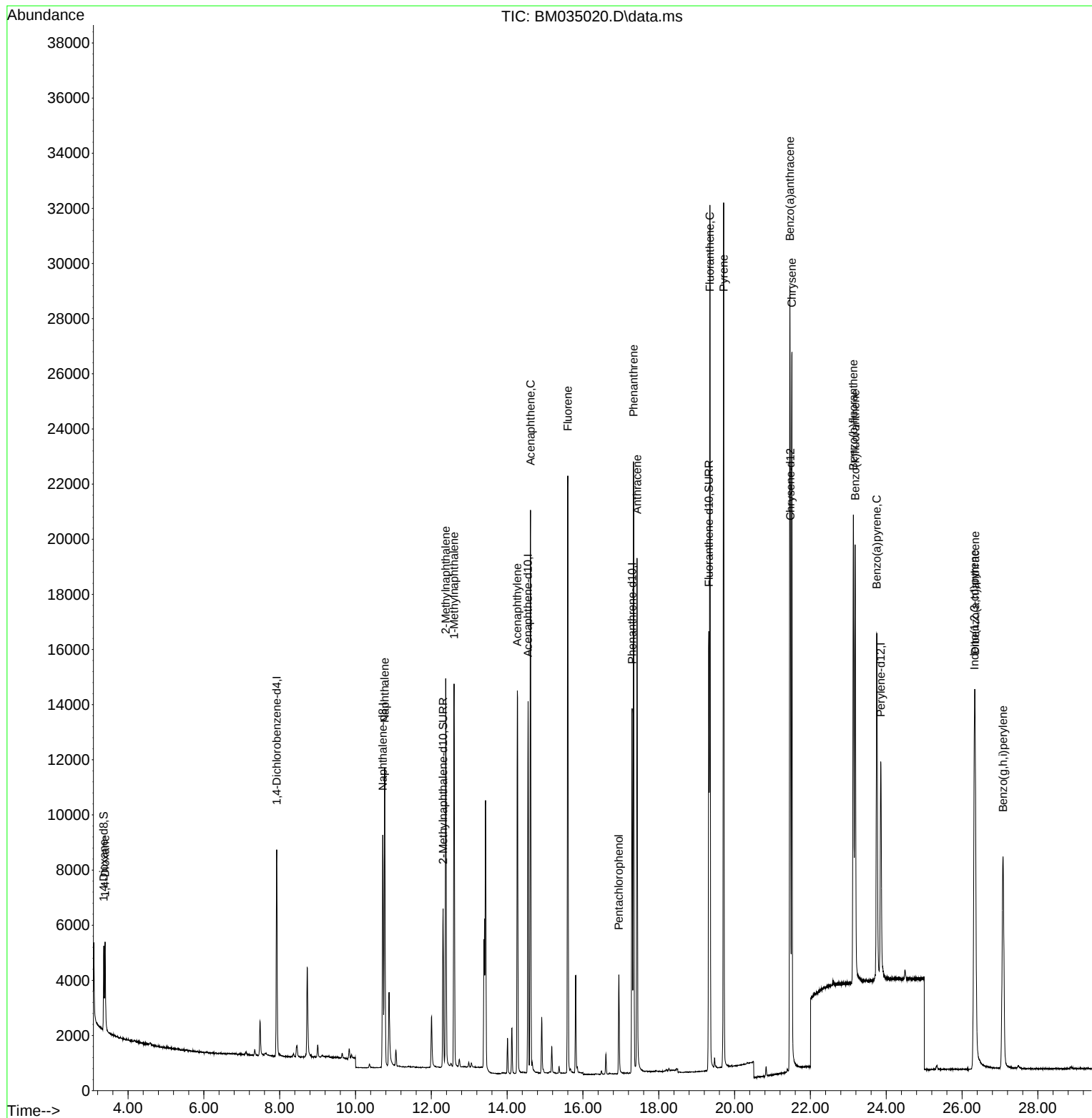
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4056	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	11685	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	7091	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	15474	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	12392	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	11086	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2011	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	7617	0.464	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	16943	0.433	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	1996	0.467	ng/ul#	80
5) Naphthalene	10.770	128	14990	0.449	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	9884	0.446	ng/ul	99
8) 1-Methylnaphthalene	12.602	142	9593	0.440	ng/ul	99
10) Acenaphthylene	14.270	152	16254	0.524	ng/ul#	90
11) Acenaphthene	14.617	153	11763	0.449	ng/ul	95
12) Fluorene	15.602	166	13744	0.465	ng/ul#	97
14) Pentachlorophenol	16.946	266	2432	0.530	ng/ul	97
15) Phenanthrene	17.334	178	22764	0.445	ng/ul	94
16) Anthracene	17.427	178	20664	0.453	ng/ul#	91
19) Fluoranthene	19.350	202	26312	0.442	ng/ul	99
20) Pyrene	19.712	202	26602	0.445	ng/ul	99
21) Benzo(a)anthracene	21.459	228	21941	0.455	ng/ul	97
22) Chrysene	21.511	228	22871	0.445	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	22219	0.439	ng/ul	90
25) Benzo(k)fluoranthene	23.180	252	21280	0.421	ng/ul#	89
26) Benzo(a)pyrene	23.750	252	20307	0.492	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.326	276	20336	0.351	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.343	278	16192	0.343	ng/ul#	90
29) Benzo(g,h,i)perylene	27.081	276	17408	0.348	ng/ul	93

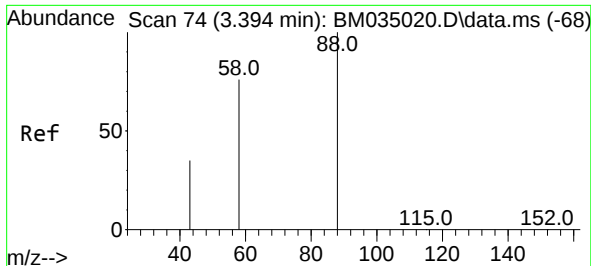
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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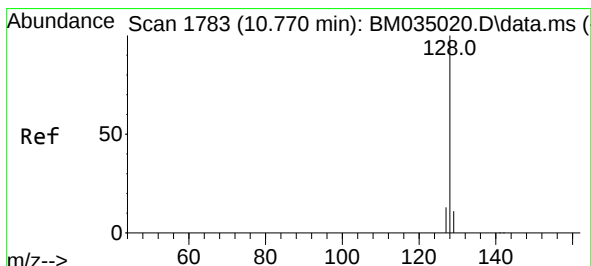
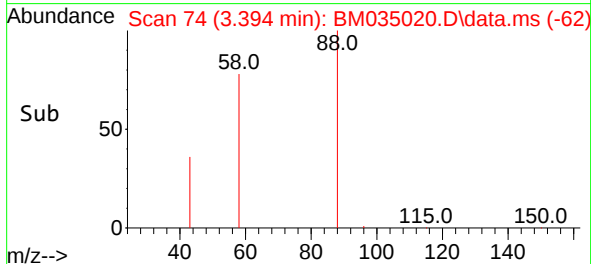
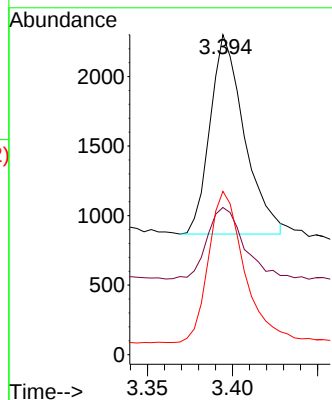
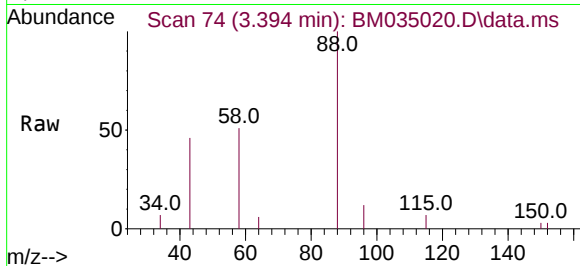




#2
1,4-Dioxane
Concen: 0.467 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

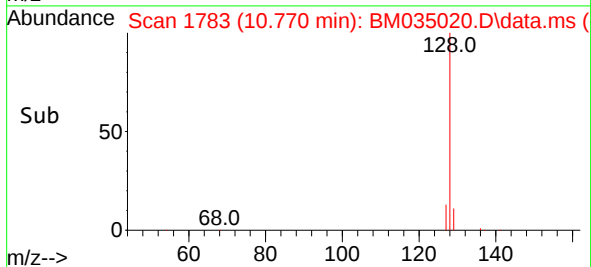
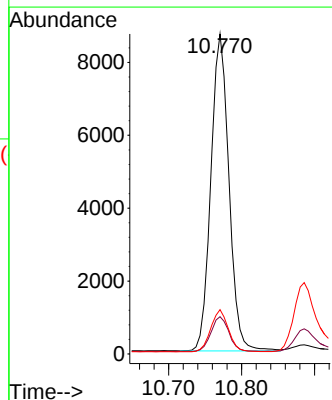
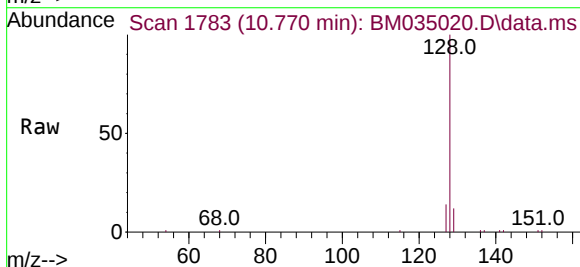
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

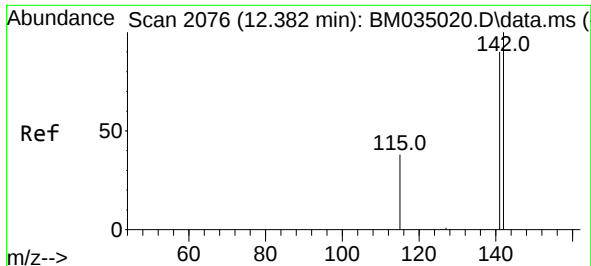
Tgt Ion: 88 Resp: 1996
Ion Ratio Lower Upper
88 100
43 46.0 49.7 74.5#
58 51.1 52.5 78.7#



#5
Naphthalene
Concen: 0.449 ng/ul
RT: 10.770 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion: 128 Resp: 14990
Ion Ratio Lower Upper
128 100
129 11.7 13.4 20.2#
127 13.9 15.2 22.8#

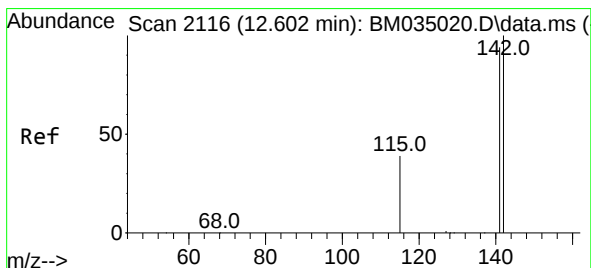
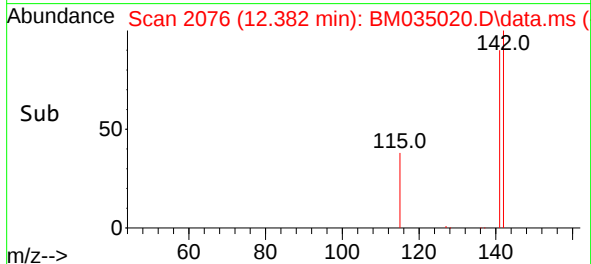
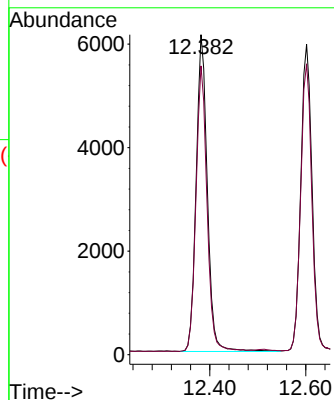
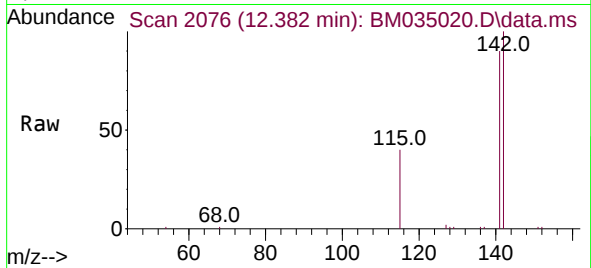




#7
2-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

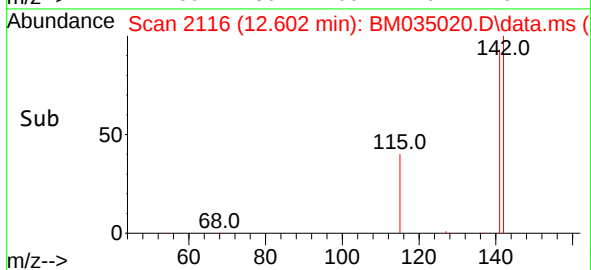
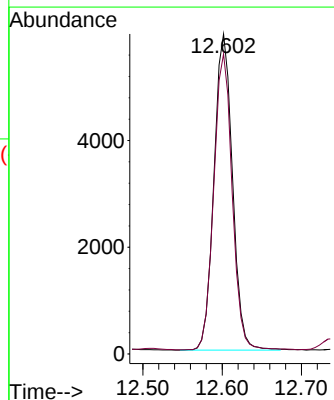
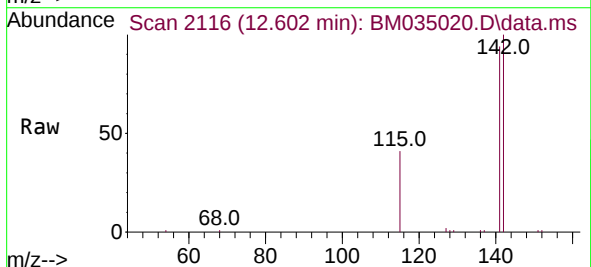
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

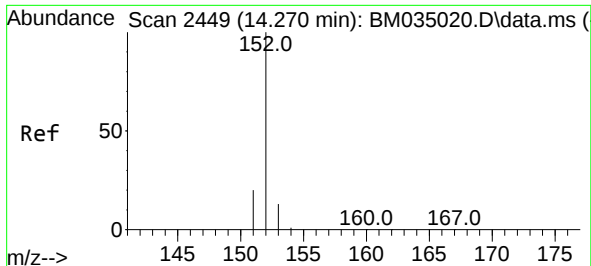
Tgt Ion:142 Resp: 9884
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion:142 Resp: 9593
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4

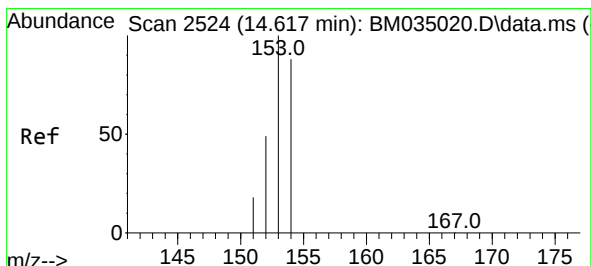
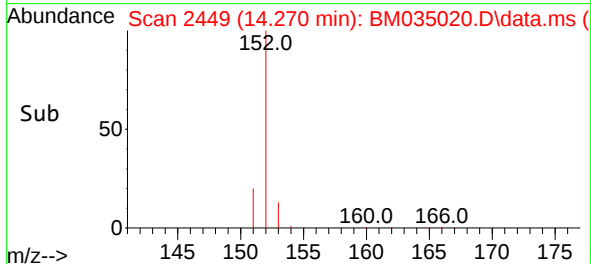
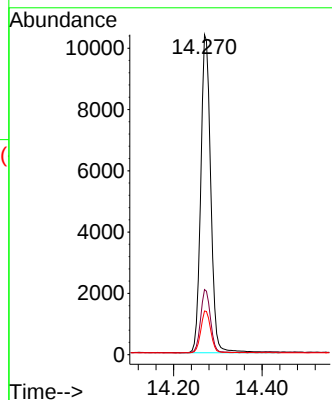
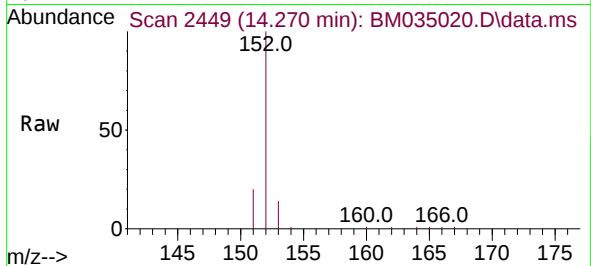




#10
Acenaphthylene
Concen: 0.524 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

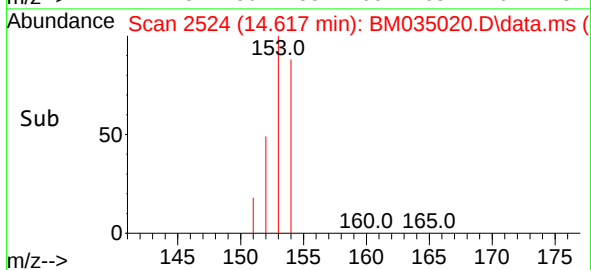
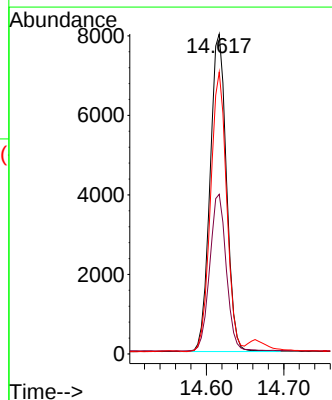
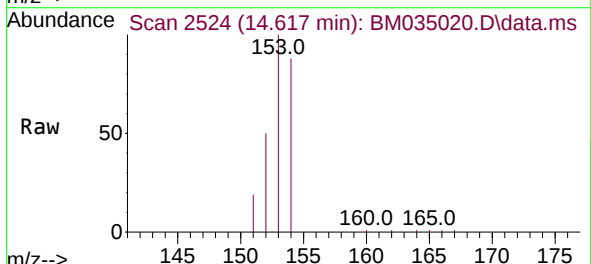
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

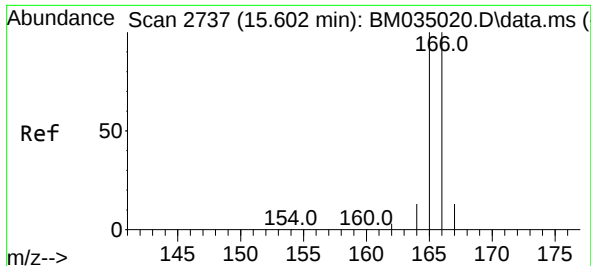
Tgt Ion:	152	Resp:	16254
Ion Ratio	Lower	Upper	
152	100		
151	20.4	19.9	29.9
153	13.7	15.0	22.4



#11
Acenaphthene
Concen: 0.449 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion:	153	Resp:	11763
Ion Ratio	Lower	Upper	
153	100		
152	49.9	42.4	63.6
154	88.1	66.2	99.2

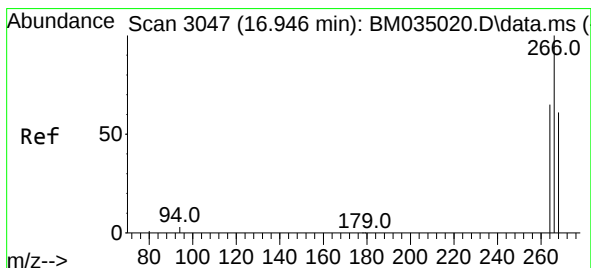
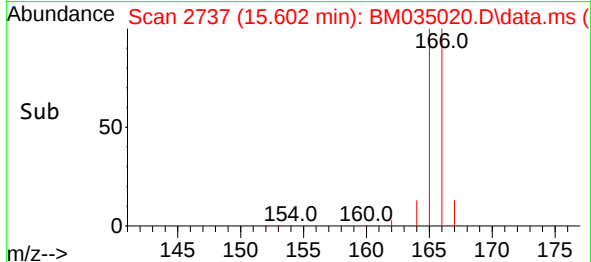
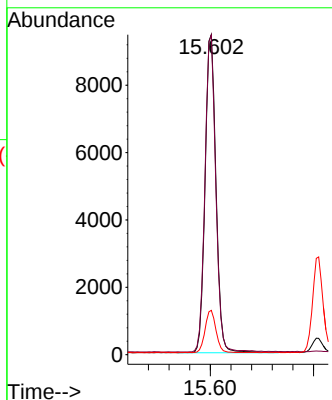
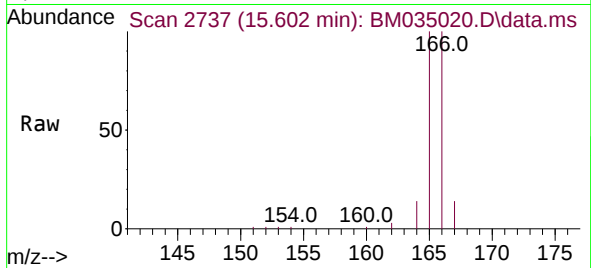




#12
Fluorene
Concen: 0.465 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

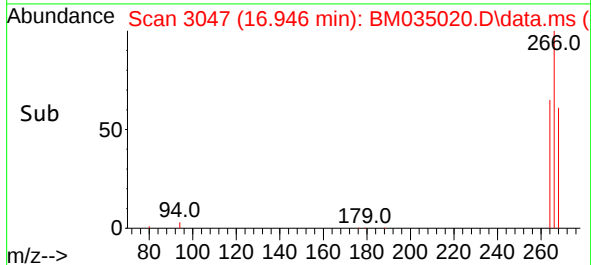
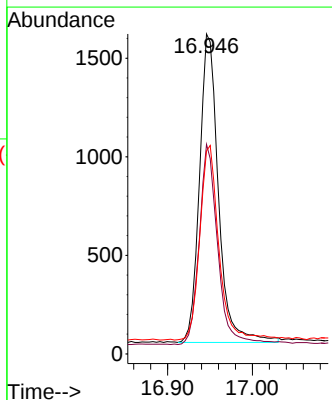
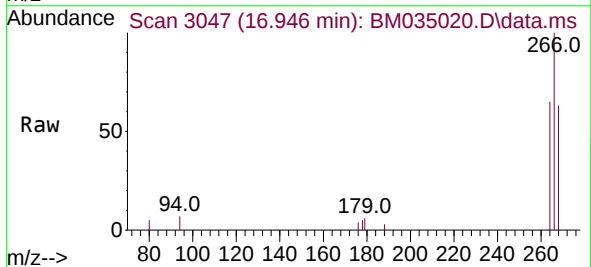
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

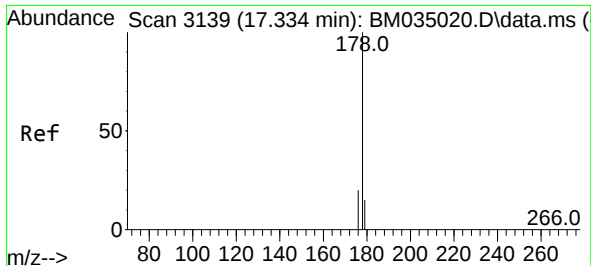
Tgt Ion:166 Resp: 13744
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 13.9 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.530 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion:266 Resp: 2432
Ion Ratio Lower Upper
266 100
264 62.9 51.4 77.0
268 63.6 53.1 79.7

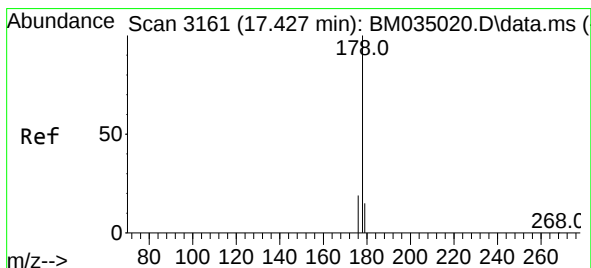
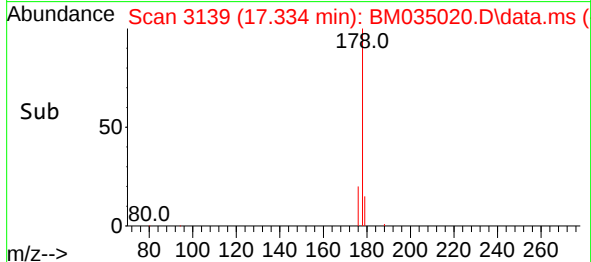
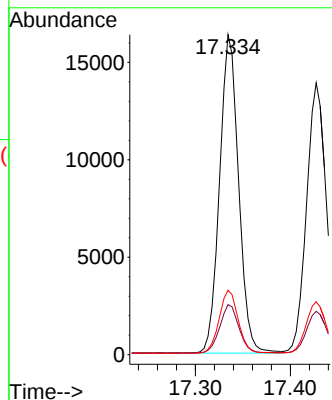
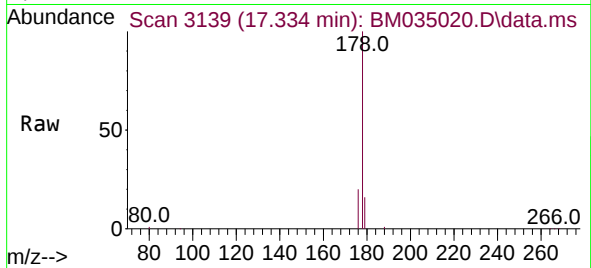




#15
Phenanthrene
Concen: 0.445 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

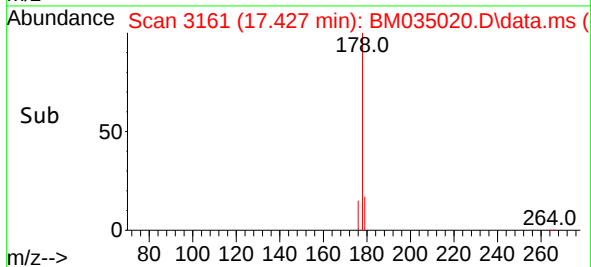
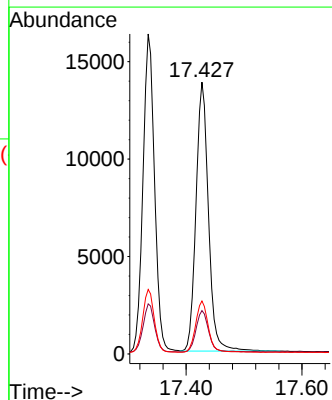
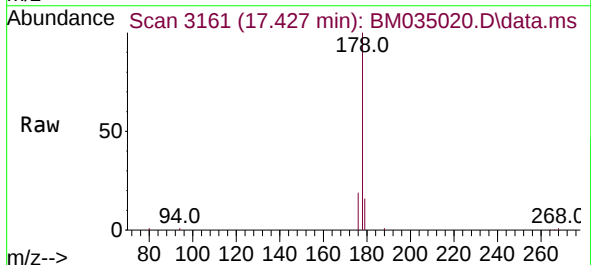
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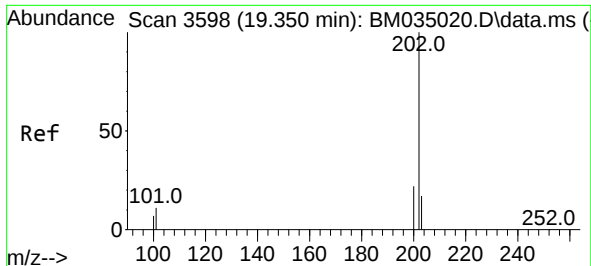
Tgt Ion:178 Resp: 22764
Ion Ratio Lower Upper
178 100
179 15.7 15.0 22.6
176 20.1 17.9 26.9



#16
Anthracene
Concen: 0.453 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion:178 Resp: 20664
Ion Ratio Lower Upper
178 100
179 15.9 16.5 24.7#
176 19.5 18.3 27.5

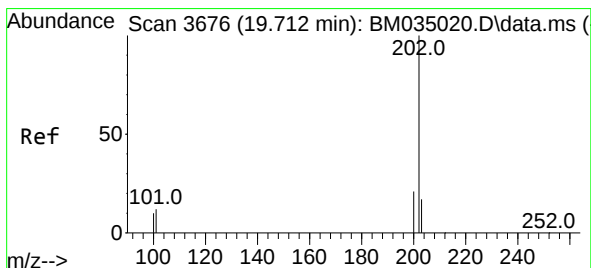
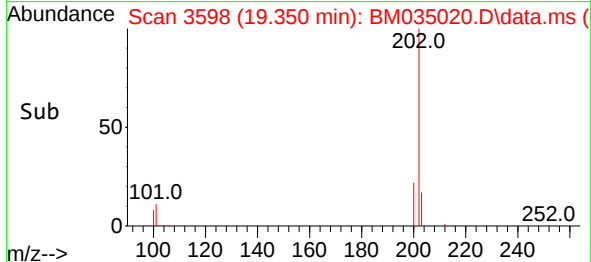
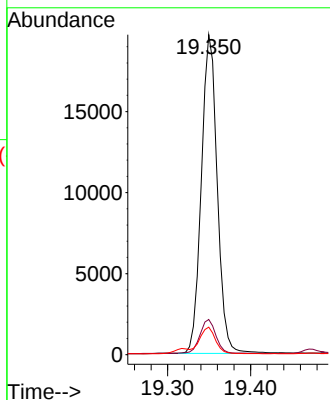
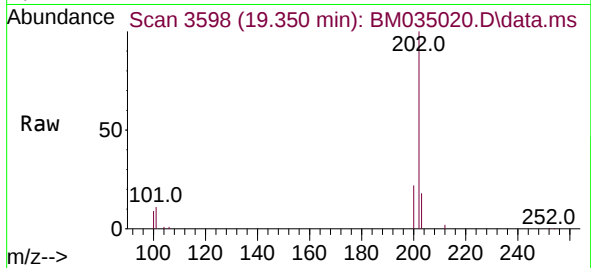




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

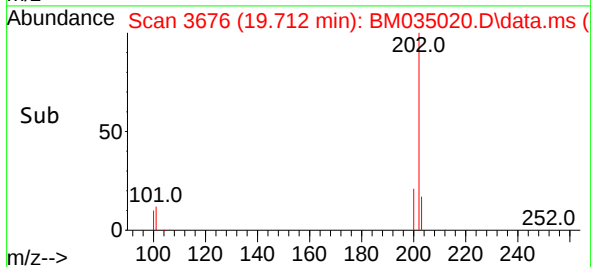
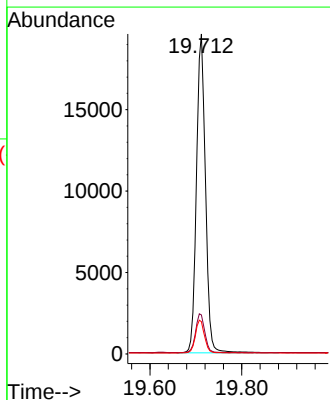
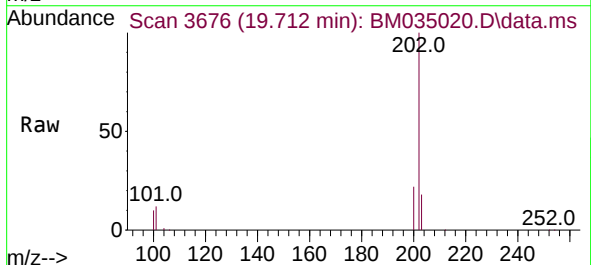
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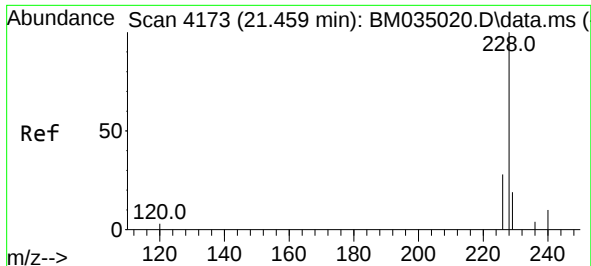
Tgt Ion:202 Resp: 26312
Ion Ratio Lower Upper
202 100
101 11.0 9.2 13.8
100 8.6 7.2 10.8



#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion:202 Resp: 26602
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 10.1 7.8 11.6

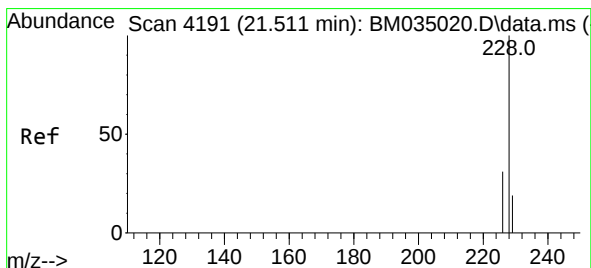
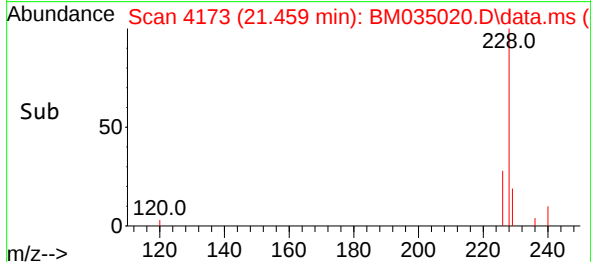
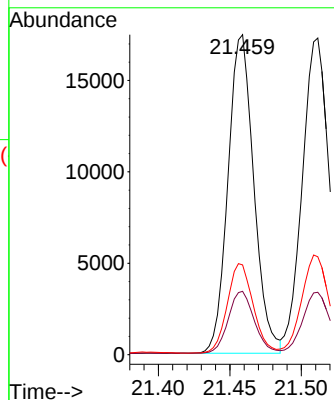
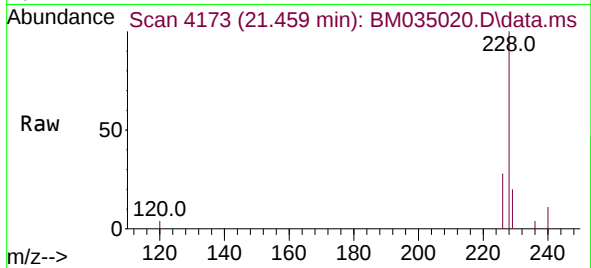




#21
Benzo(a)anthracene
Concen: 0.455 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

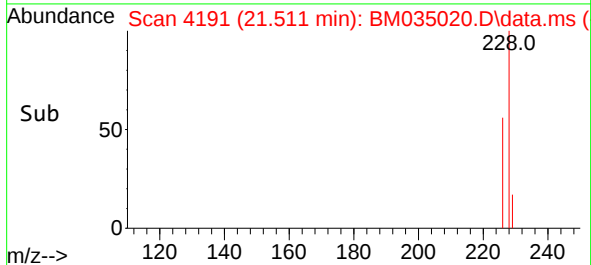
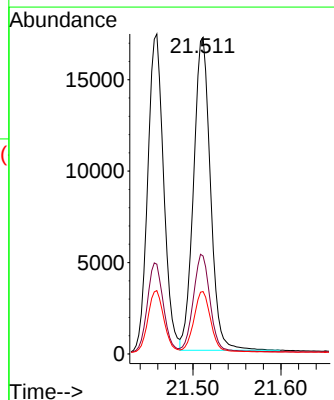
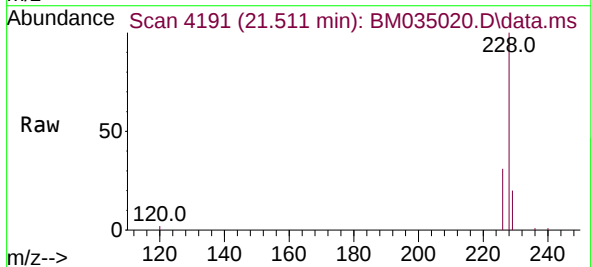
Instrument :
BNA_M
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SSTD0.4038

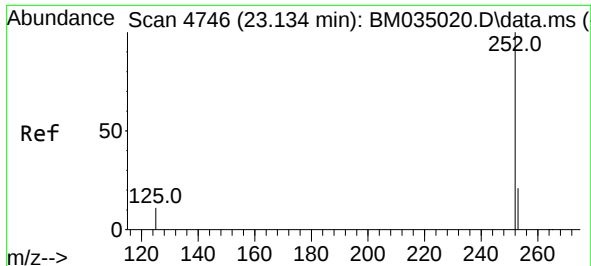
Tgt Ion:228 Resp: 21941
Ion Ratio Lower Upper
228 100
229 19.8 17.3 25.9
226 28.1 23.2 34.8



#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

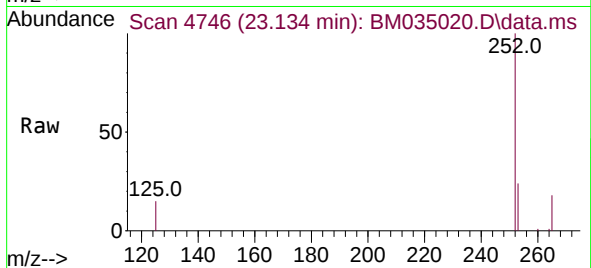
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Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 19.7 16.7 25.1



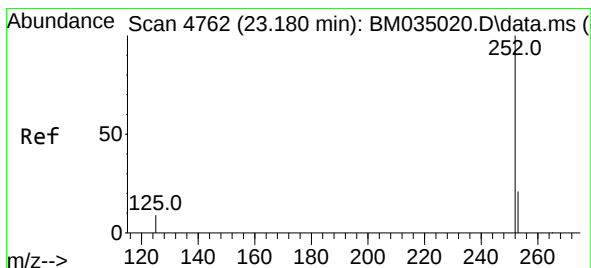
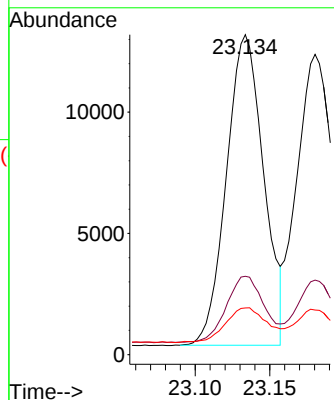


#24
Benzo(b)fluoranthene
Concen: 0.439 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

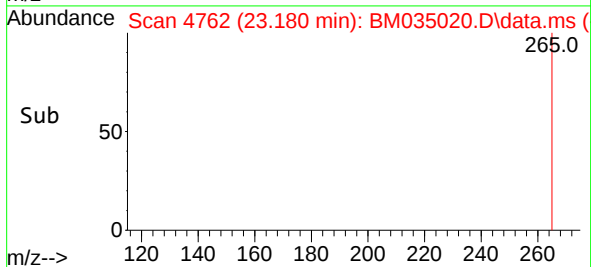
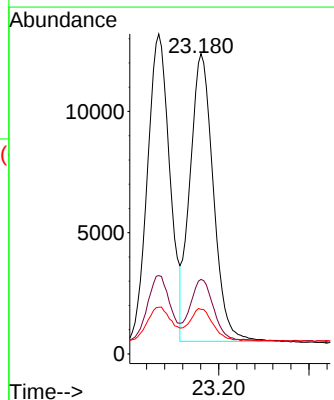
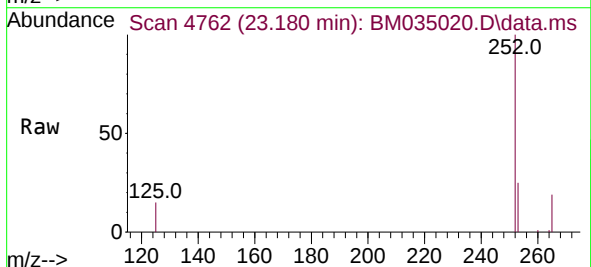


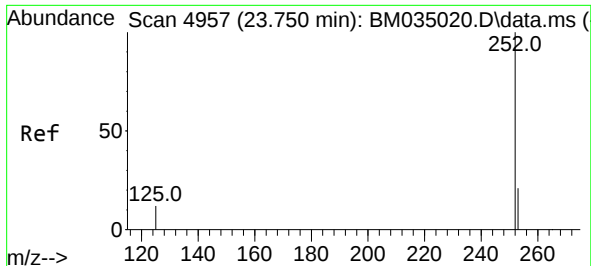
Tgt Ion:	252	Resp:	22219
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	64.2
125	14.6	0.0	28.8



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion:	252	Resp:	21280
Ion Ratio	Lower	Upper	
252	100		
253	24.8	26.8	40.2#
125	14.9	12.0	18.0

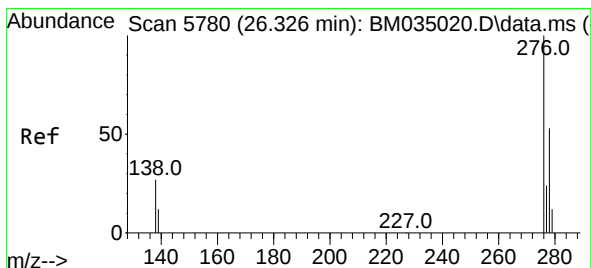
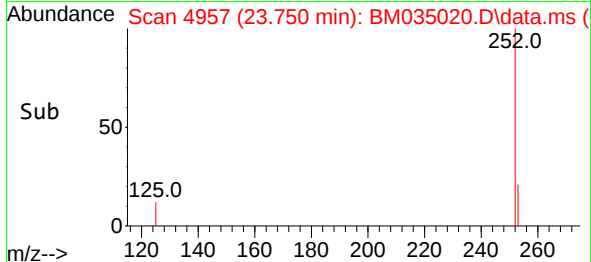
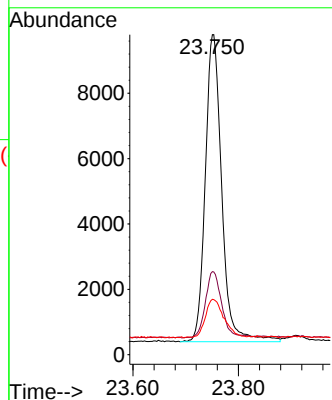
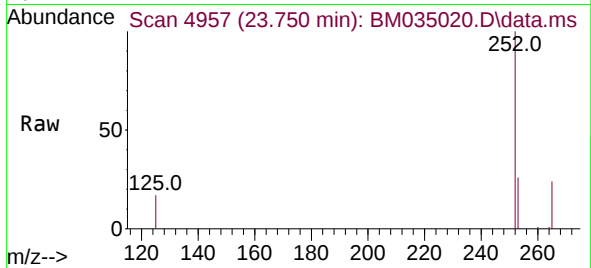




#26
Benzo(a)pyrene
Concen: 0.492 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

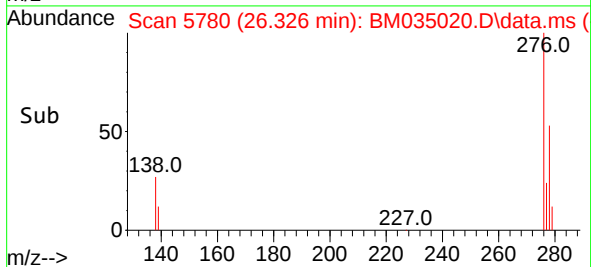
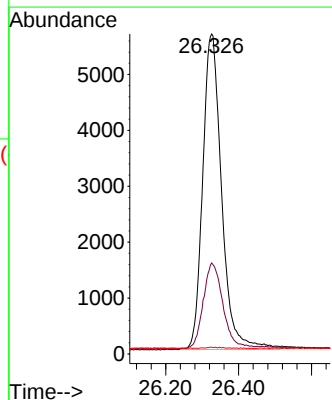
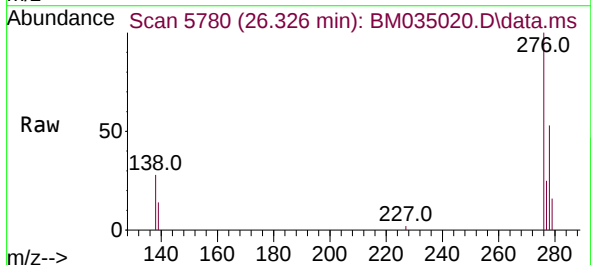
Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

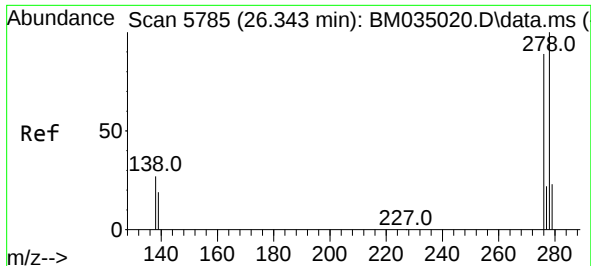
Tgt Ion:252 Resp: 20307
Ion Ratio Lower Upper
252 100
253 26.0 32.0 48.0#
125 17.3 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion:276 Resp: 20336
Ion Ratio Lower Upper
276 100
138 28.9 15.8 23.6#
227 0.1 0.0 0.0#

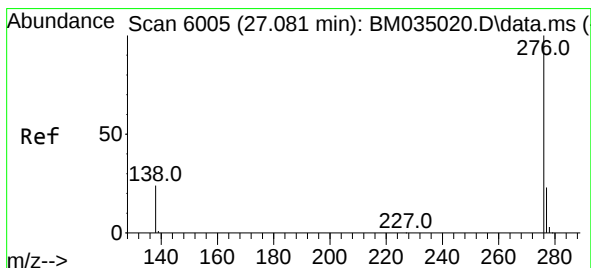
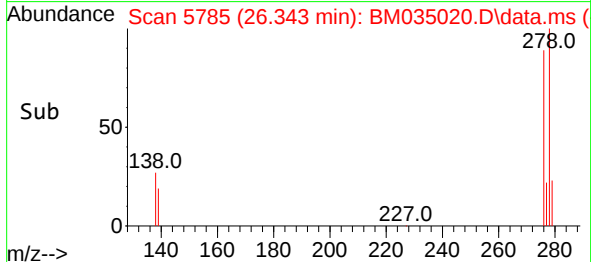
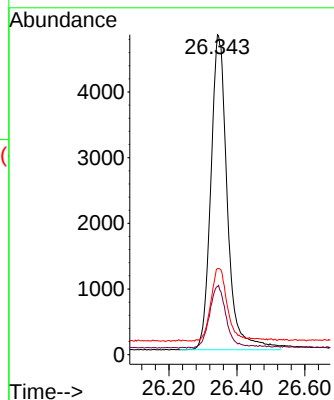
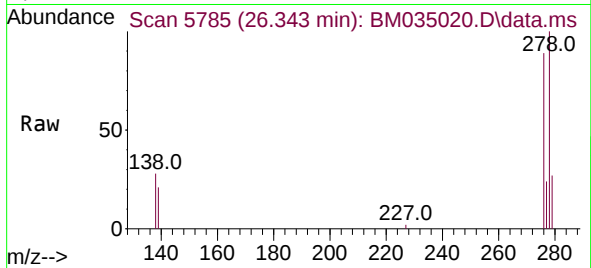




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4038

Tgt Ion:278 Resp: 16192
Ion Ratio Lower Upper
278 100
139 21.3 18.0 27.0
279 26.9 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. 0.000 min
Lab File: BM035020.D
Acq: 12 May 2022 15:49

Tgt Ion:276 Resp: 17408
Ion Ratio Lower Upper
276 100
138 25.6 17.4 26.0
277 24.8 22.6 33.8

