

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BN051222\
 Data File : BM035021.D
 Acq On : 12 May 2022 16:25
 Operator : CG/JU
 Sample : SST0.839
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8039

Quant Time: May 12 17:20:27 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)

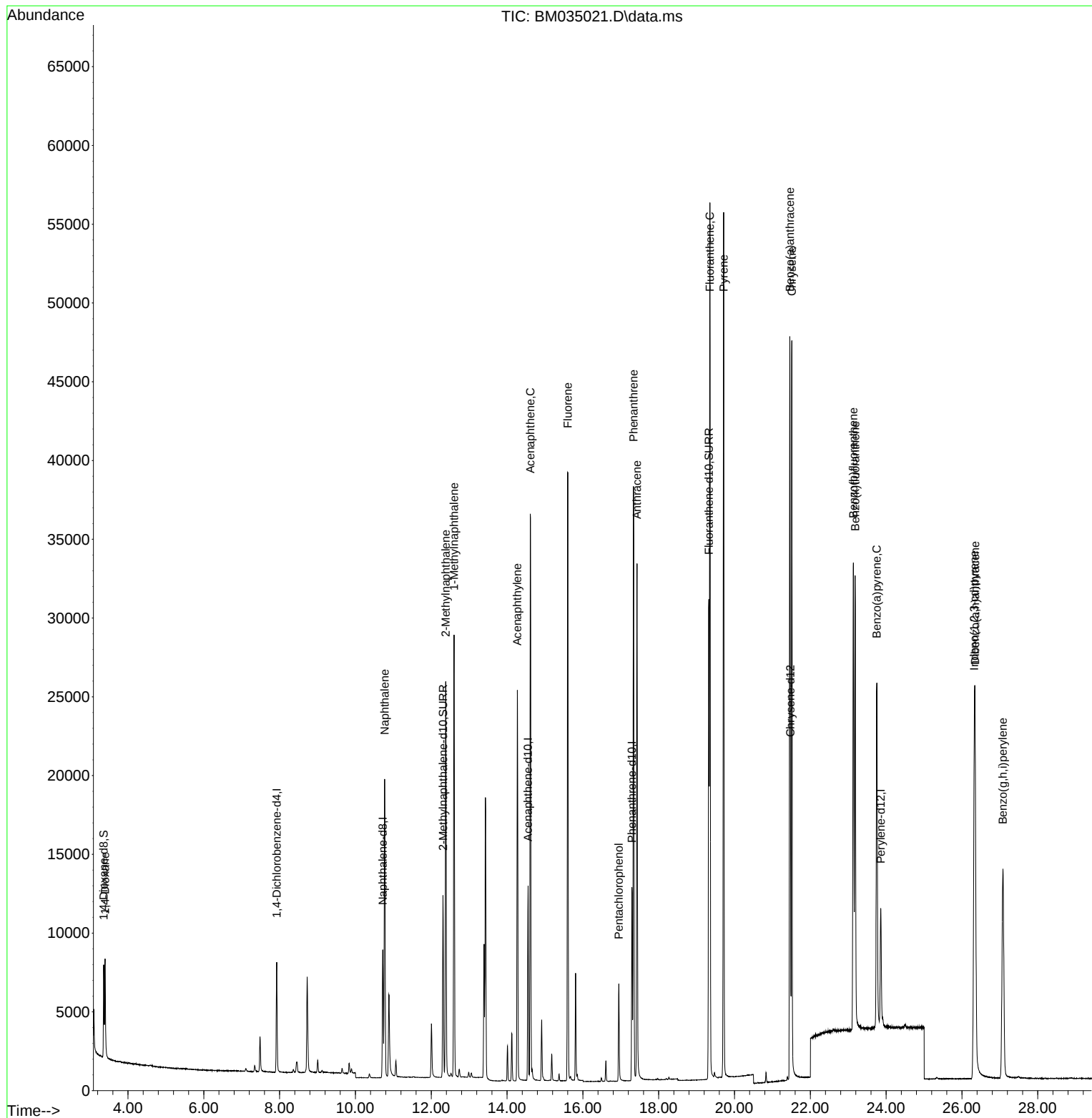
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3747	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	10944	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	6680	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	14462	0.400	ng/ul	0.00
17) Chrysene-d12	21.476	240	11571	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	10293	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	3737	0.902	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	14786	0.961	ng/ul	0.00
18) Fluoranthene-d10	19.323	212	33095	0.907	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	3779	0.958	ng/ul#	84
5) Naphthalene	10.771	128	26061	0.833	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	17348	0.835	ng/ul	99
8) 1-Methylnaphthalene	12.602	142	18654	0.913	ng/ul	99
10) Acenaphthylene	14.271	152	28823	0.987	ng/ul#	90
11) Acenaphthene	14.618	153	20843	0.844	ng/ul	95
12) Fluorene	15.603	166	24439	0.878	ng/ul#	96
14) Pentachlorophenol	16.947	266	4102	0.956	ng/ul	98
15) Phenanthrene	17.335	178	40079	0.838	ng/ul	94
16) Anthracene	17.428	178	36862	0.865	ng/ul#	91
19) Fluoranthene	19.350	202	46322	0.834	ng/ul	97
20) Pyrene	19.713	202	46435	0.832	ng/ul	99
21) Benzo(a)anthracene	21.458	228	38511	0.855	ng/ul	98
22) Chrysene	21.511	228	40100	0.836	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	38951	0.829	ng/ul	88
25) Benzo(k)fluoranthene	23.182	252	37054	0.789	ng/ul#	86
26) Benzo(a)pyrene	23.753	252	35345	0.922	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.325	276	35495	0.659	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.345	278	28453	0.649	ng/ul#	87
29) Benzo(g,h,i)perylene	27.080	276	30233	0.650	ng/ul	93

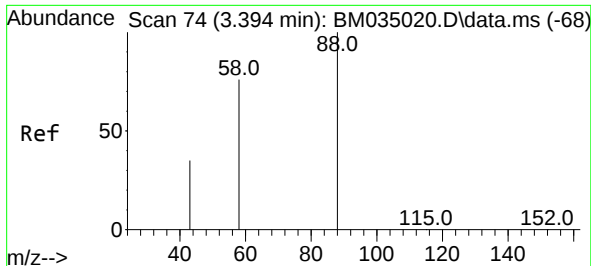
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BN051222\
Data File : BM035021.D
Acq On : 12 May 2022 16:25
Operator : CG/JU
Sample : SST0.839
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Quant Time: May 12 17:20:27 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

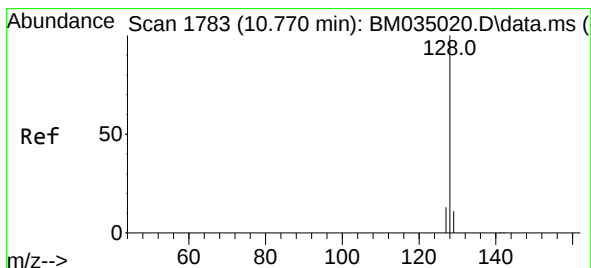
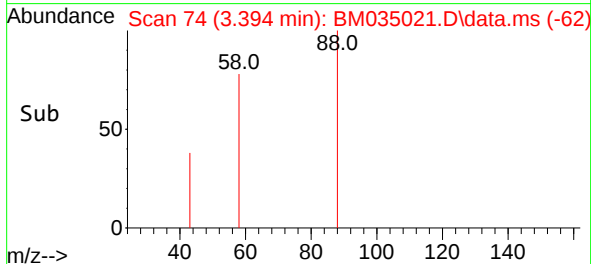
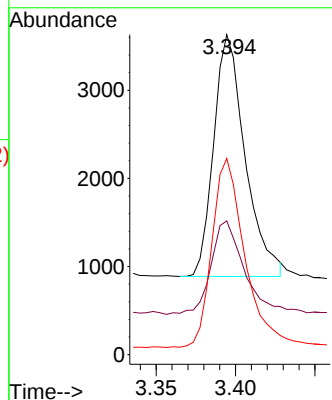
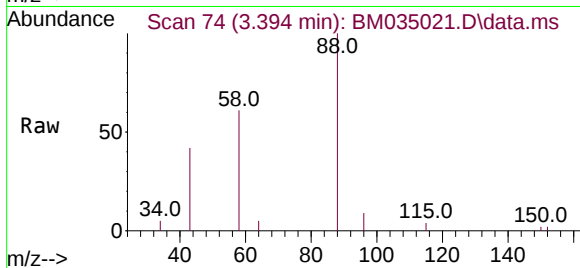




#2
1,4-Dioxane
Concen: 0.958 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

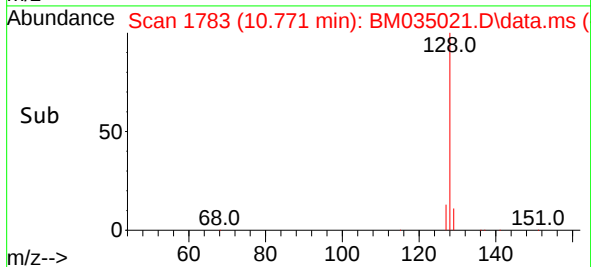
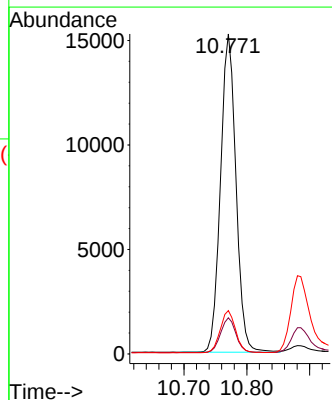
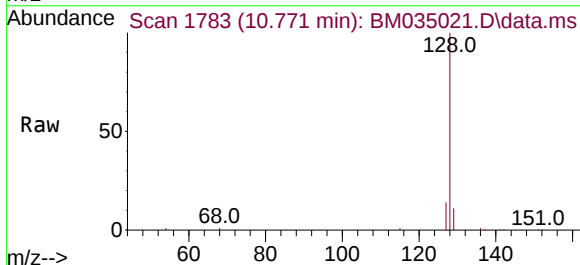
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

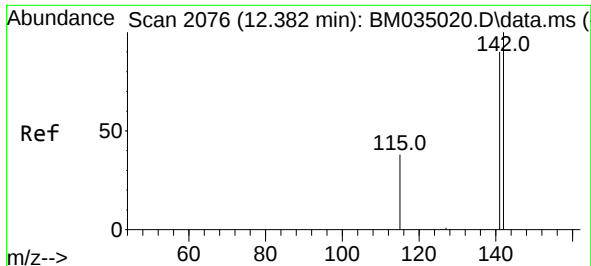
Tgt Ion: 88 Resp: 3779
Ion Ratio Lower Upper
88 100
43 41.8 49.7 74.5#
58 61.3 52.5 78.7



#5
Naphthalene
Concen: 0.833 ng/ul
RT: 10.771 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion: 128 Resp: 26061
Ion Ratio Lower Upper
128 100
129 11.3 13.4 20.2#
127 13.6 15.2 22.8#

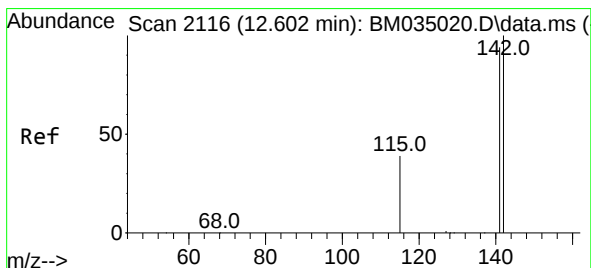
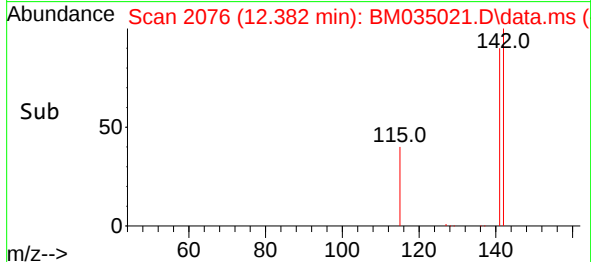
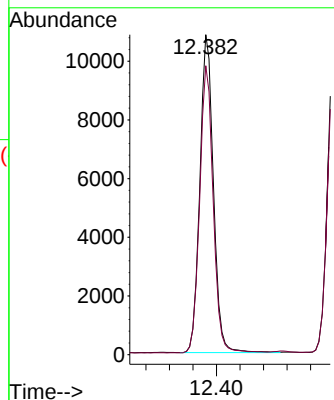
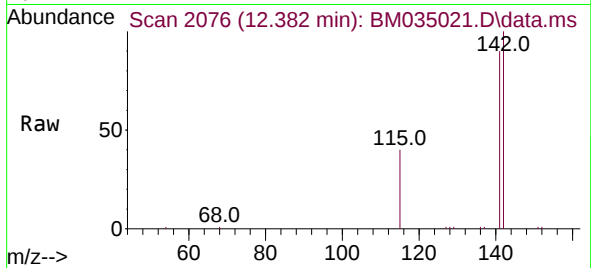




#7
2-Methylnaphthalene
Concen: 0.835 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

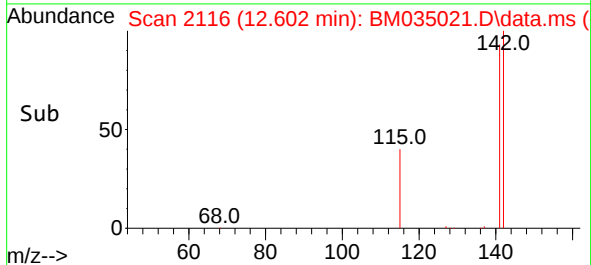
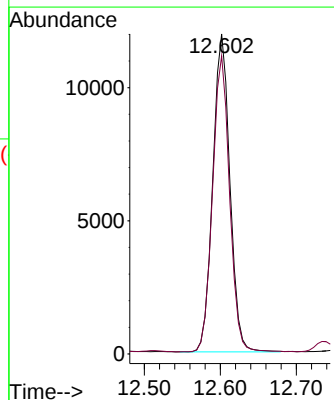
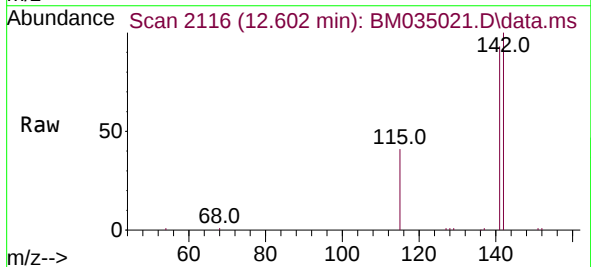
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

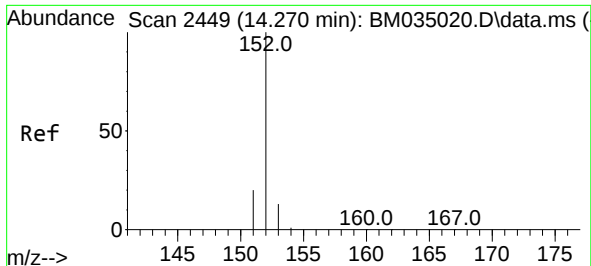
Tgt Ion:142 Resp: 17348
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.913 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:142 Resp: 18654
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

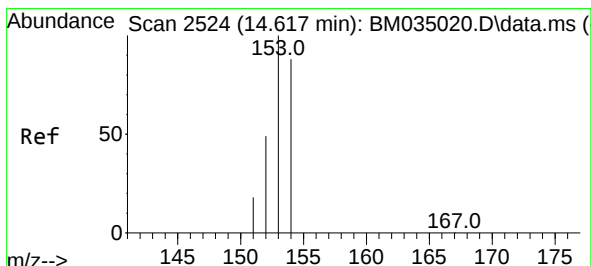
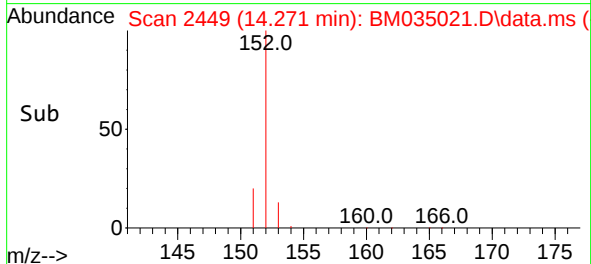
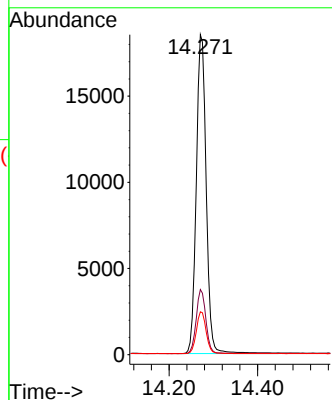
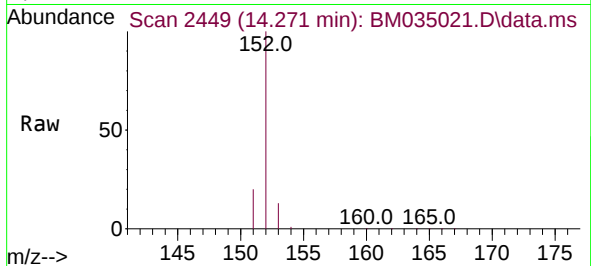




#10
Acenaphthylene
Concen: 0.987 ng/ul
RT: 14.271 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

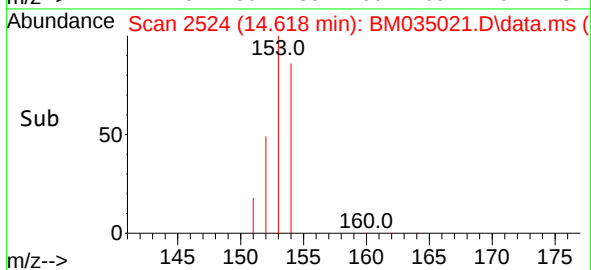
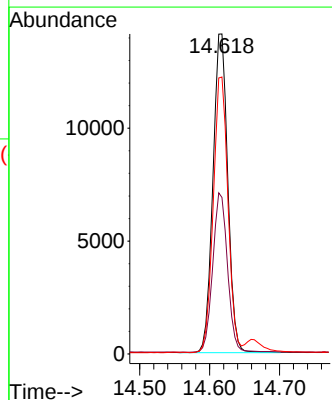
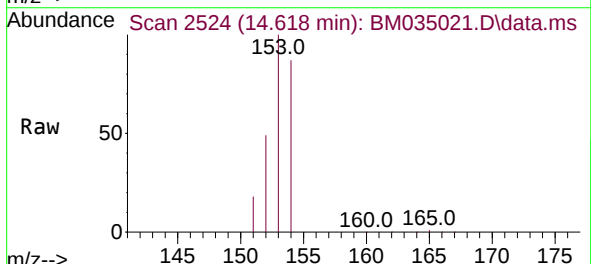
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

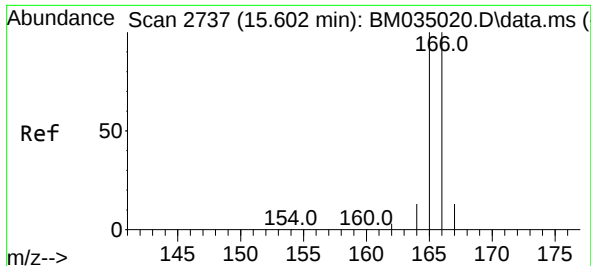
Tgt Ion:152 Resp: 28823
Ion Ratio Lower Upper
152 100
151 20.4 19.9 29.9
153 13.4 15.0 22.4#



#11
Acenaphthene
Concen: 0.844 ng/ul
RT: 14.618 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:153 Resp: 20843
Ion Ratio Lower Upper
153 100
152 48.9 42.4 63.6
154 86.5 66.2 99.2

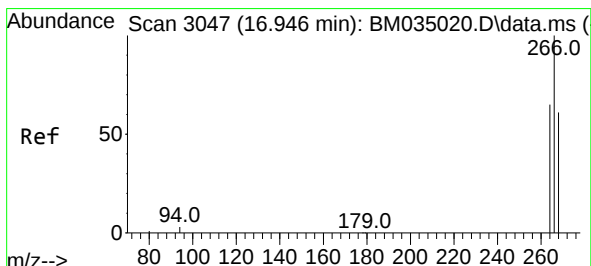
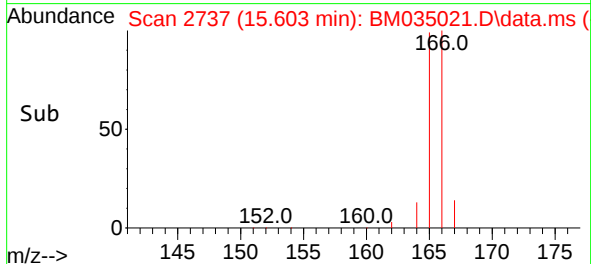
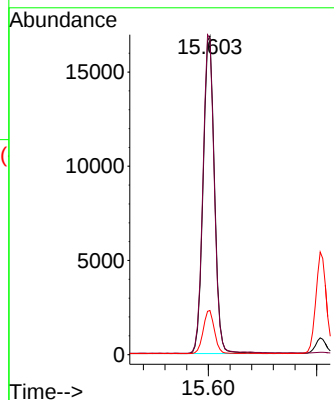
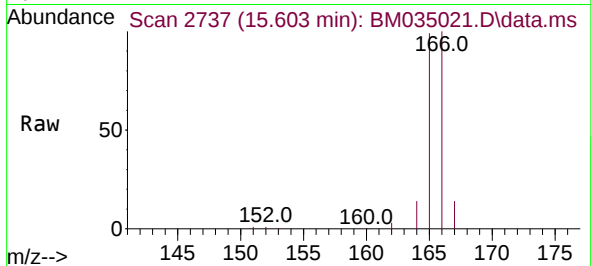




#12
Fluorene
Concen: 0.878 ng/ul
RT: 15.603 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

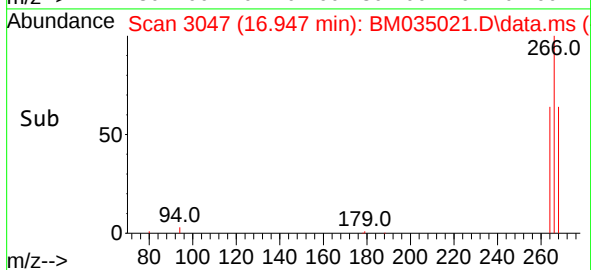
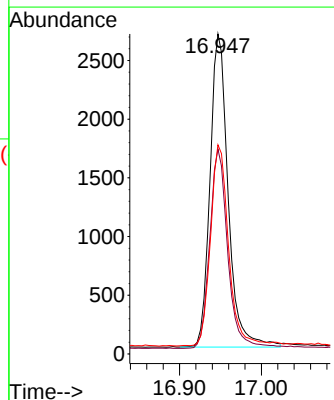
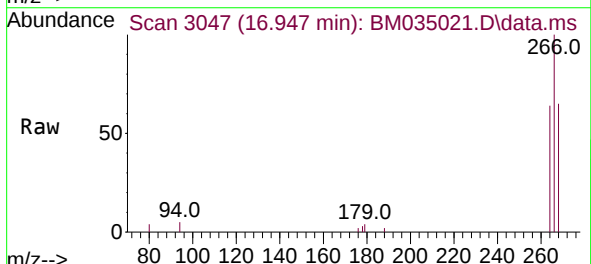
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

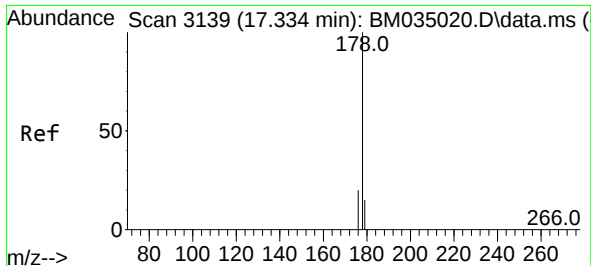
Tgt Ion:166 Resp: 24439
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 13.9 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.956 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. 0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:266 Resp: 4102
Ion Ratio Lower Upper
266 100
264 63.3 51.4 77.0
268 64.7 53.1 79.7

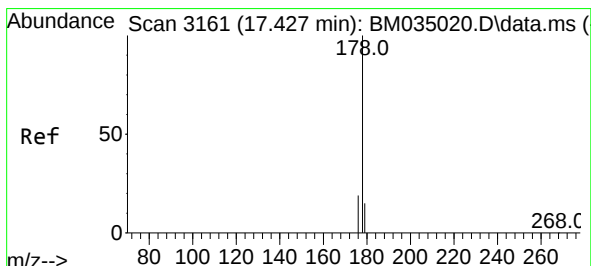
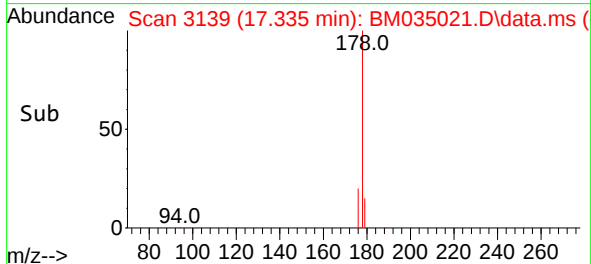
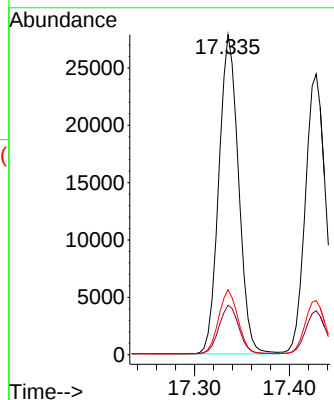
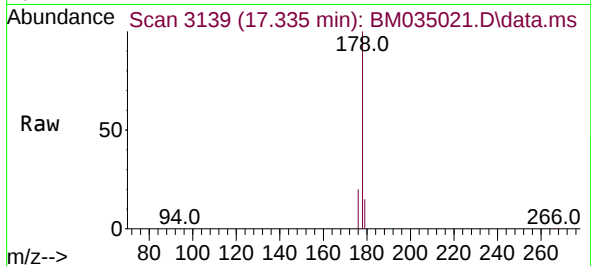




#15
Phenanthrene
Concen: 0.838 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

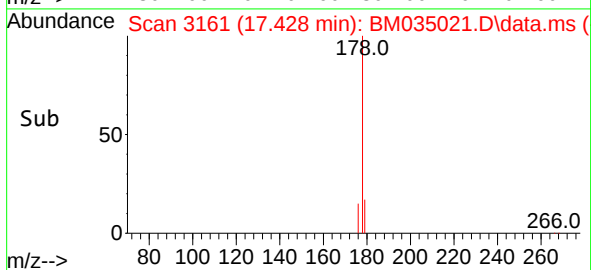
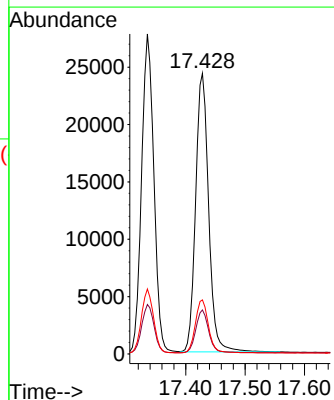
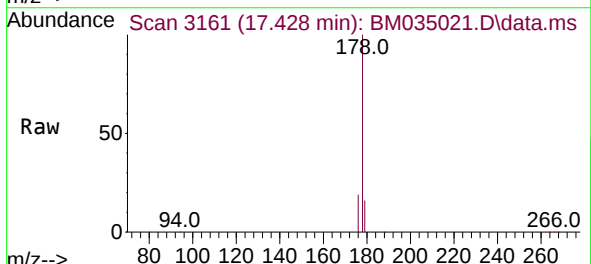
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

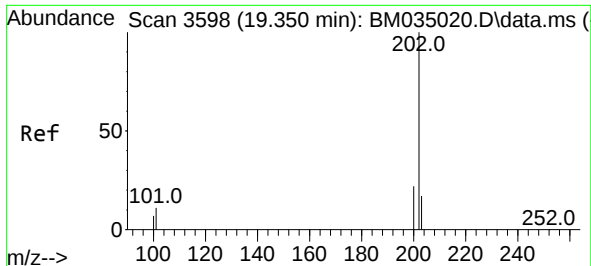
Tgt Ion:178 Resp: 40079
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 20.3 17.9 26.9



#16
Anthracene
Concen: 0.865 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:178 Resp: 36862
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 19.3 18.3 27.5

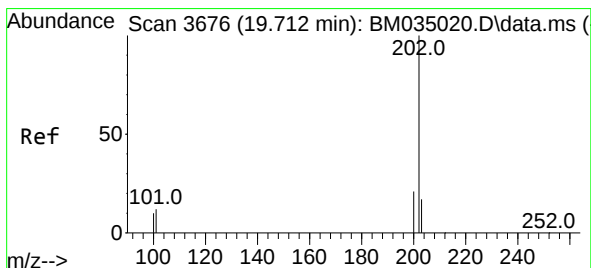
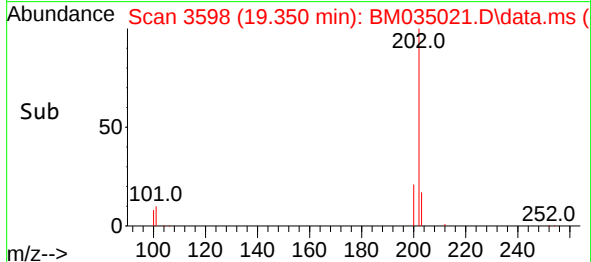
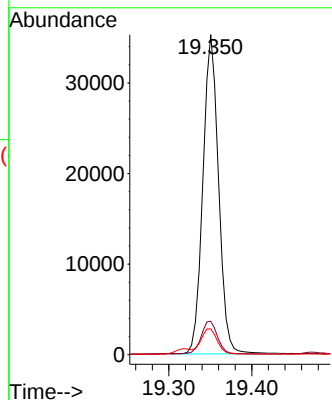
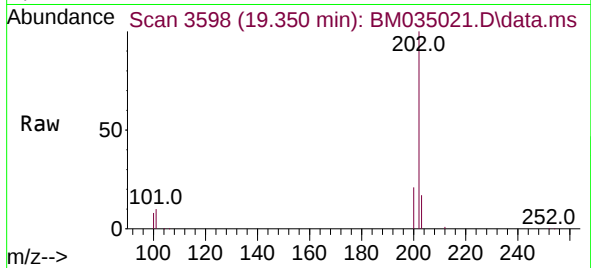




#19
Fluoranthene
Concen: 0.834 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

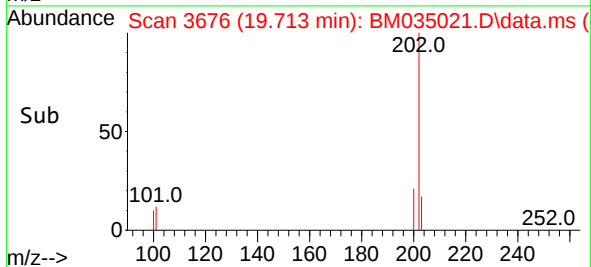
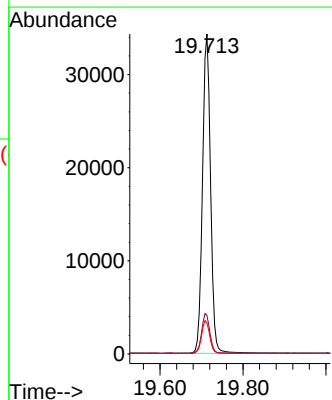
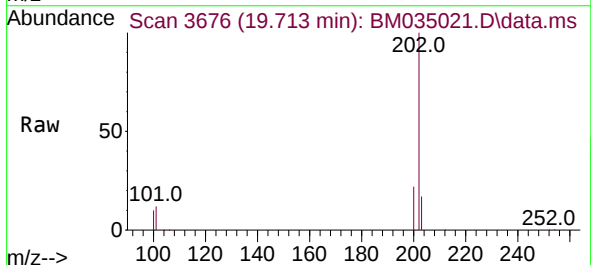
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

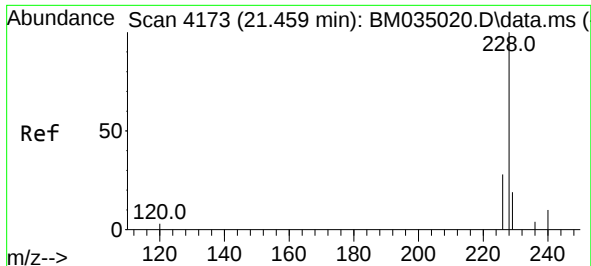
Tgt Ion:202 Resp: 46322
Ion Ratio Lower Upper
202 100
101 10.5 9.2 13.8
100 8.1 7.2 10.8



#20
Pyrene
Concen: 0.832 ng/ul
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:202 Resp: 46435
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 9.7 7.8 11.6

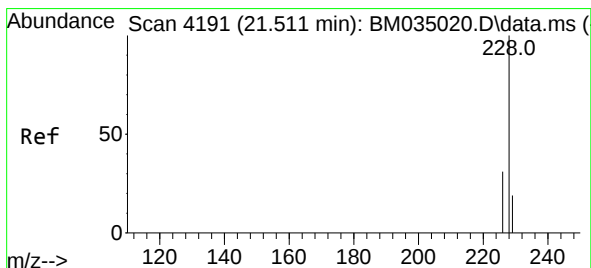
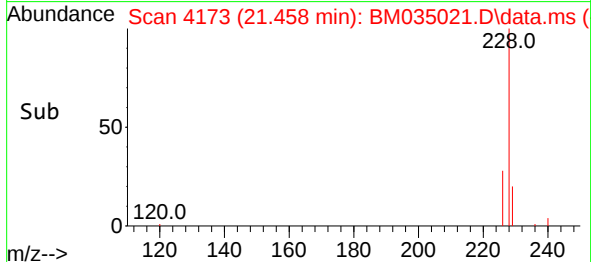
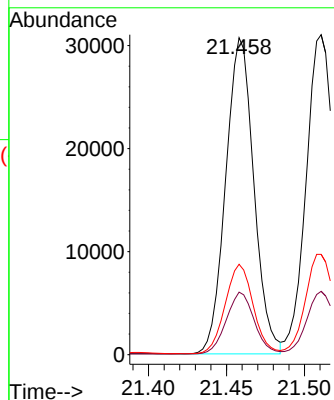
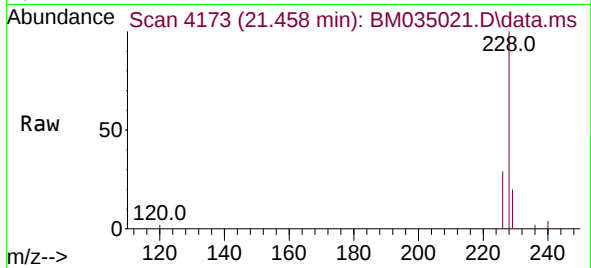




#21
Benzo(a)anthracene
Concen: 0.855 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

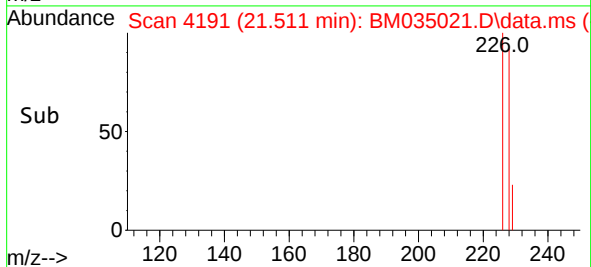
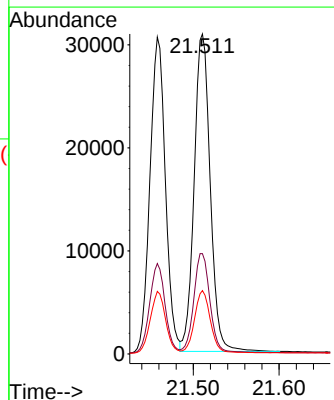
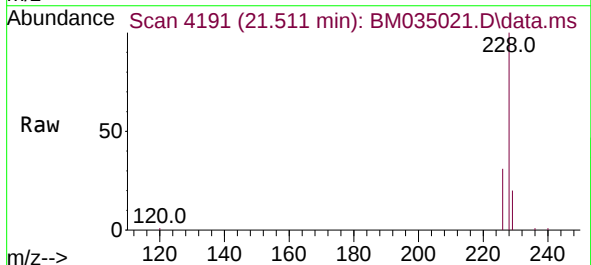
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

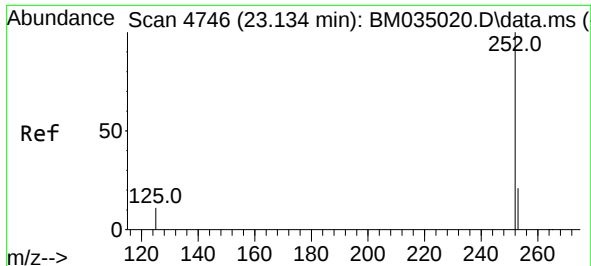
Tgt Ion:228 Resp: 38511
Ion Ratio Lower Upper
228 100
229 19.7 17.3 25.9
226 28.5 23.2 34.8



#22
Chrysene
Concen: 0.836 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. -0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:228 Resp: 40100
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 19.8 16.7 25.1

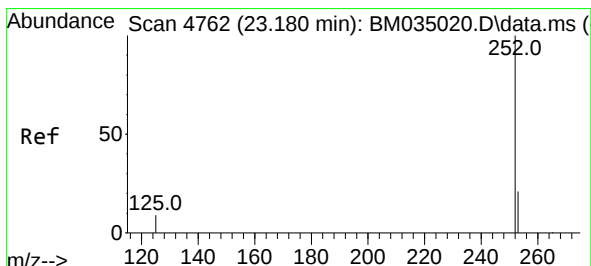
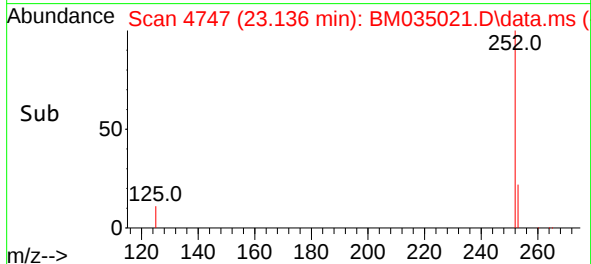
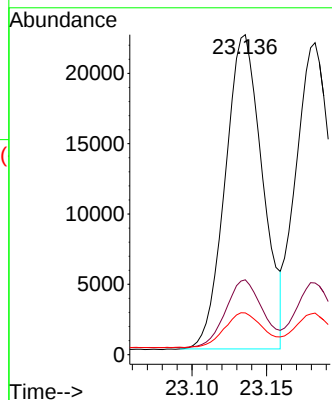
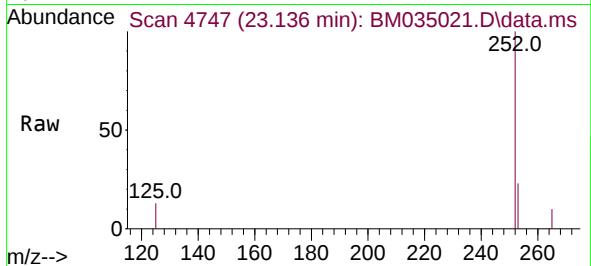




#24
Benzo(b)fluoranthene
Concen: 0.829 ng/ul
RT: 23.136 min Scan# 4746
Delta R.T. 0.002 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

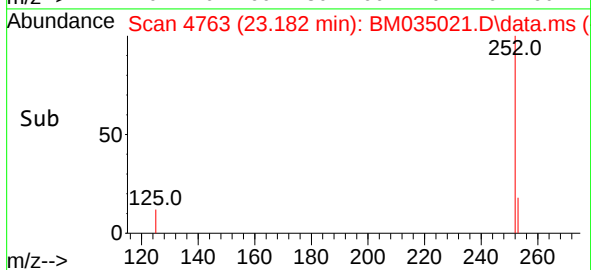
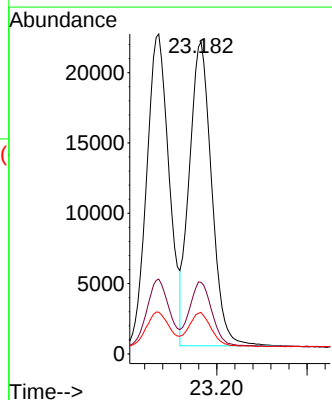
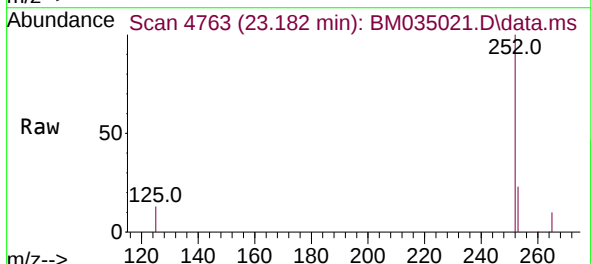
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

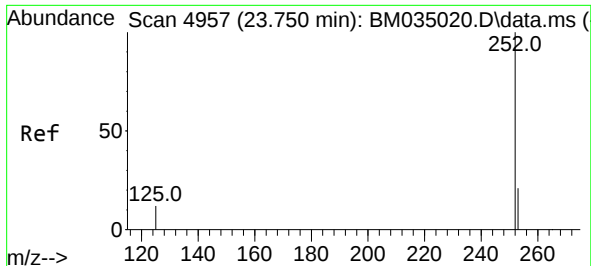
Tgt Ion:252 Resp: 38951
Ion Ratio Lower Upper
252 100
253 23.4 0.0 64.2
125 13.1 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.789 ng/ul
RT: 23.182 min Scan# 4763
Delta R.T. 0.002 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:252 Resp: 37054
Ion Ratio Lower Upper
252 100
253 23.0 26.8 40.2#
125 13.3 12.0 18.0

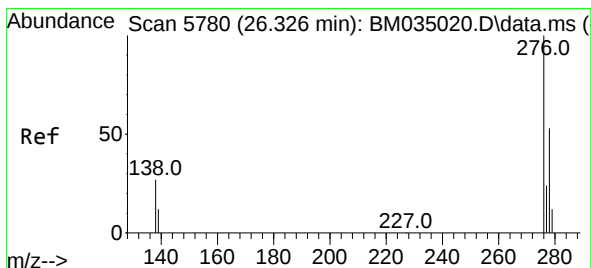
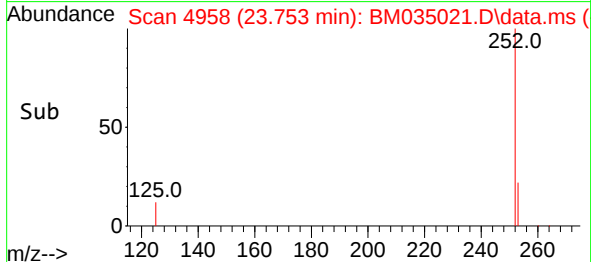
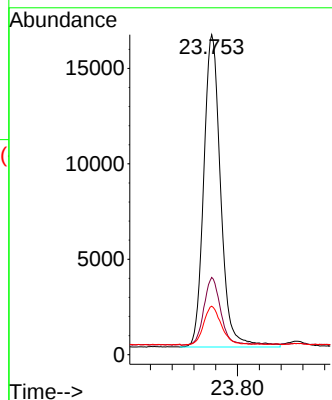
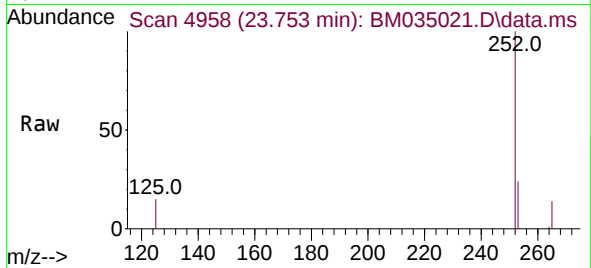




#26
Benzo(a)pyrene
Concen: 0.922 ng/ul
RT: 23.753 min Scan# 4957
Delta R.T. 0.002 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

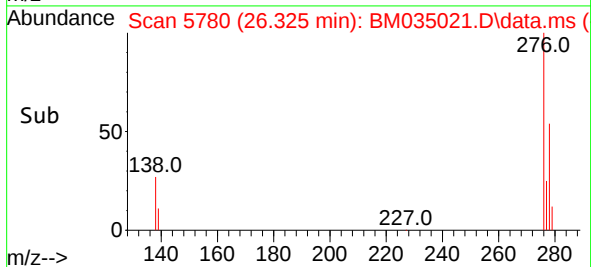
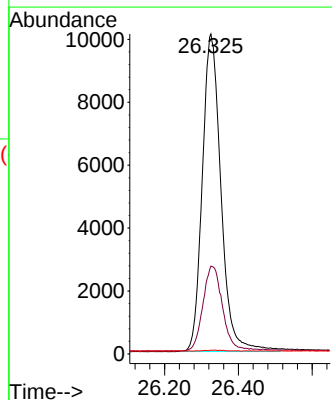
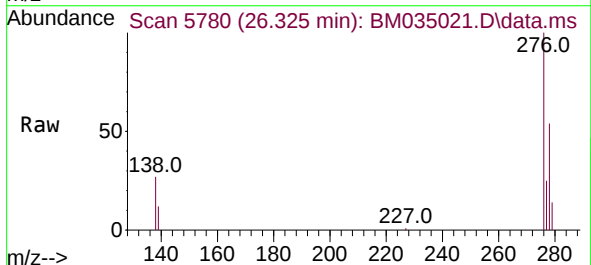
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

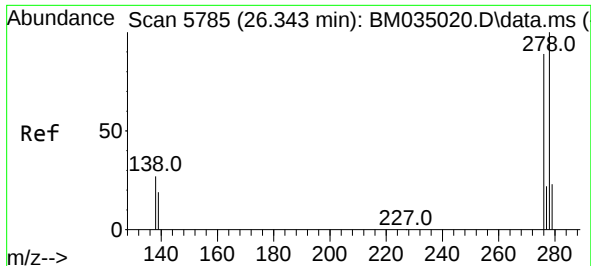
Tgt Ion:252 Resp: 35345
Ion Ratio Lower Upper
252 100
253 24.1 32.0 48.0#
125 15.1 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.659 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:276 Resp: 35495
Ion Ratio Lower Upper
276 100
138 28.1 15.8 23.6#
227 0.1 0.0 0.0#

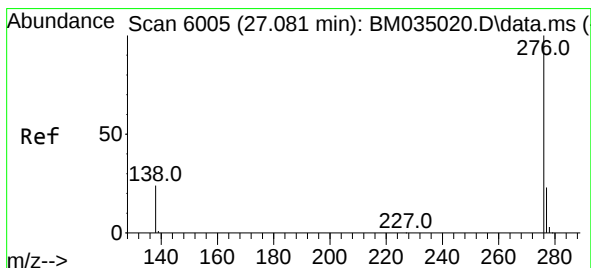
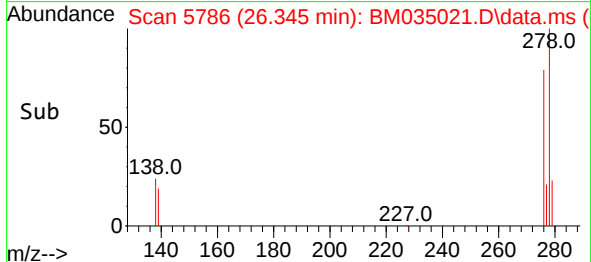
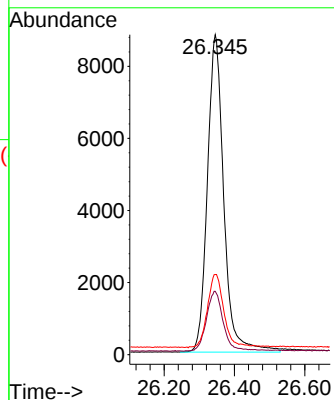
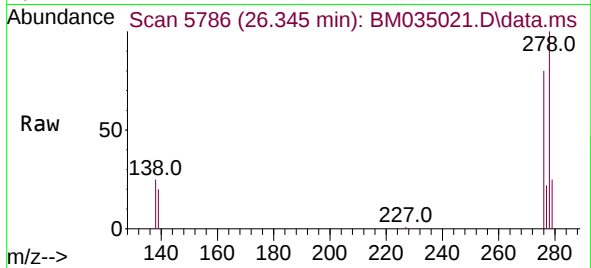




#28
Dibenzo(a,h)anthracene
Concen: 0.649 ng/ul
RT: 26.345 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:278 Resp: 28453
Ion Ratio Lower Upper
278 100
139 19.8 18.0 27.0
279 25.1 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.650 ng/ul
RT: 27.080 min Scan# 6005
Delta R.T. -0.001 min
Lab File: BM035021.D
Acq: 12 May 2022 16:25

Tgt Ion:276 Resp: 30233
Ion Ratio Lower Upper
276 100
138 24.7 17.4 26.0
277 24.0 22.6 33.8

