

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061822\
 Data File : BM035520.D
 Acq On : 18 Jun 2022 14:00
 Operator : CG/JU
 Sample : SST0.846
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8046

Quant Time: Jun 20 01:40:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:37:25 2022
 Response via : Initial Calibration

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

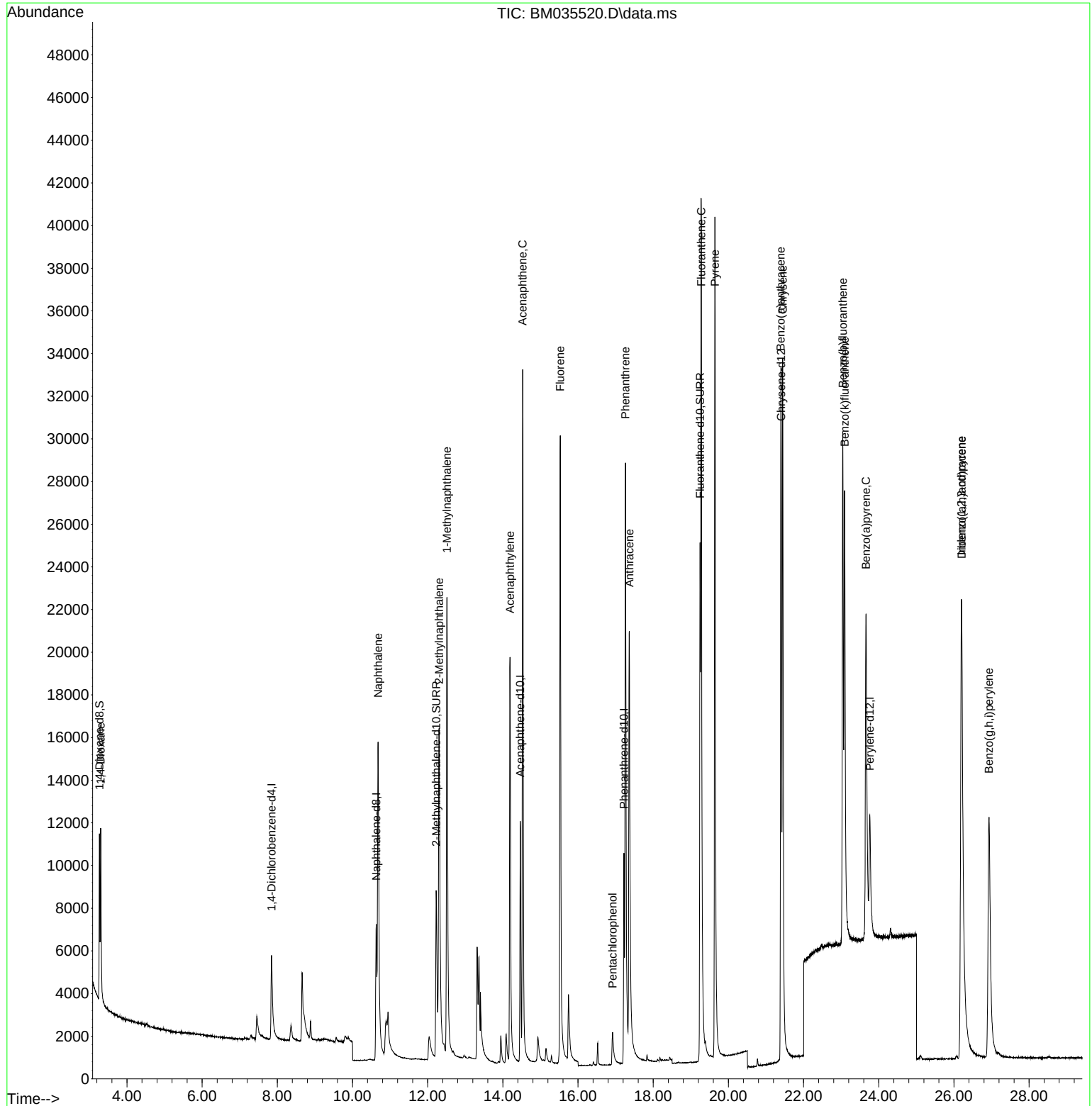
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	3922	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.633	136	13222	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.464	164	7142	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.220	188	14361	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	11429	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	9922	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4630	0.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	16776	0.795	ng/ul	-0.02
18) Fluoranthene-d10	19.247	212	33209	0.847	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	4635	0.982	ng/ul#	76
5) Naphthalene	10.682	128	31929	0.731	ng/ul	97
7) 2-Methylnaphthalene	12.305	142	19184	0.669	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	20657	0.774	ng/ul	95
10) Acenaphthylene	14.191	152	29734	0.703	ng/ul	98
11) Acenaphthene	14.529	153	22200	0.727	ng/ul	99
12) Fluorene	15.528	166	25193	0.706	ng/ul	99
14) Pentachlorophenol	16.921	266	2081	0.384	ng/ul#	63
15) Phenanthrene	17.263	178	38807	0.709	ng/ul	99
16) Anthracene	17.364	178	34123	0.685	ng/ul	98
19) Fluoranthene	19.280	202	44143	0.688	ng/ul	98
20) Pyrene	19.642	202	45589	0.699	ng/ul	99
21) Benzo(a)anthracene	21.395	228	32913	0.622	ng/ul	99
22) Chrysene	21.444	228	37861	0.688	ng/ul	100
24) Benzo(b)fluoranthene	23.043	252	34186	0.657	ng/ul	90
25) Benzo(k)fluoranthene	23.093	252	34331	0.691	ng/ul#	90
26) Benzo(a)pyrene	23.663	252	34124	0.721	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.199	276	38784	0.828	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.205	278	31573	0.847	ng/ul	93
29) Benzo(g,h,i)perylene	26.933	276	34536	0.857	ng/ul	99

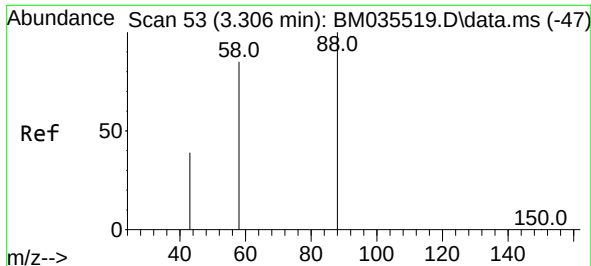
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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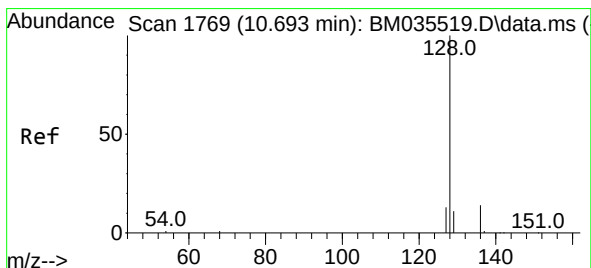
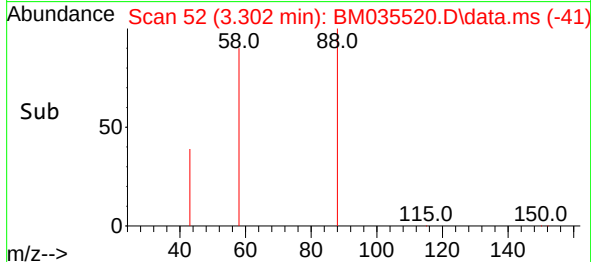
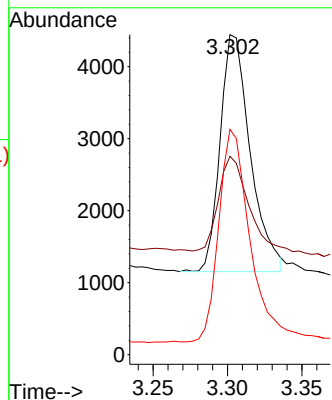
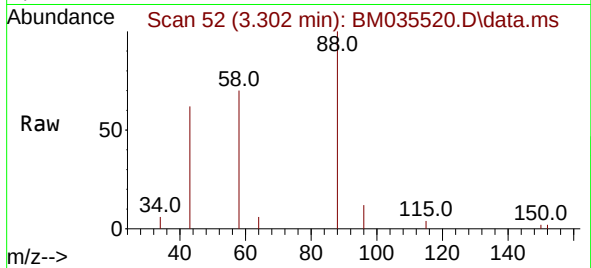




#2
1,4-Dioxane
Concen: 0.982 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

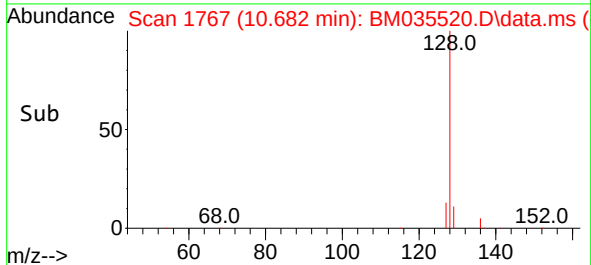
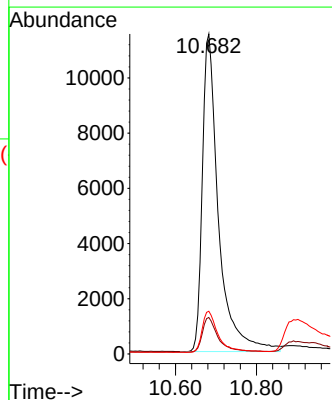
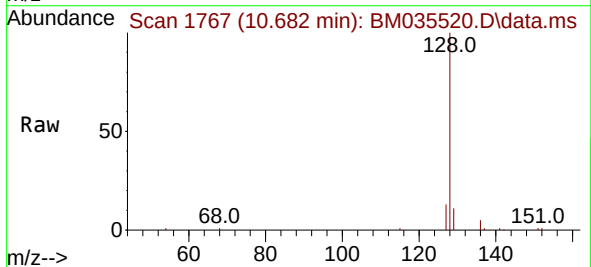
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

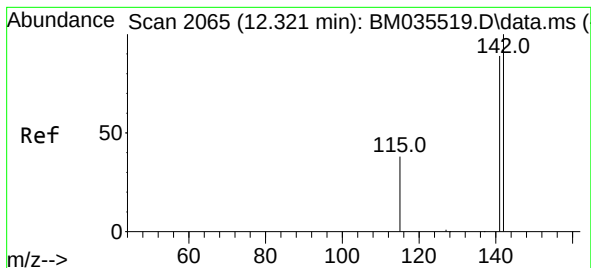
Tgt Ion: 88 Resp: 4635
Ion Ratio Lower Upper
88 100
43 62.0 70.4 105.6#
58 70.4 45.6 68.4#



#5
Naphthalene
Concen: 0.731 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion: 128 Resp: 31929
Ion Ratio Lower Upper
128 100
129 11.4 10.1 15.1
127 13.3 11.4 17.2

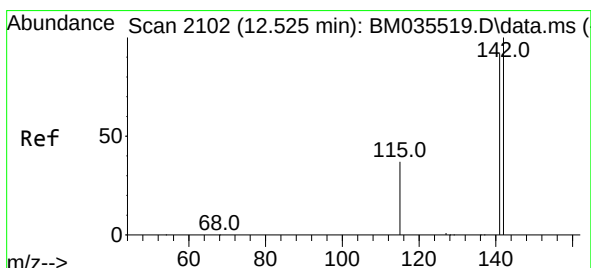
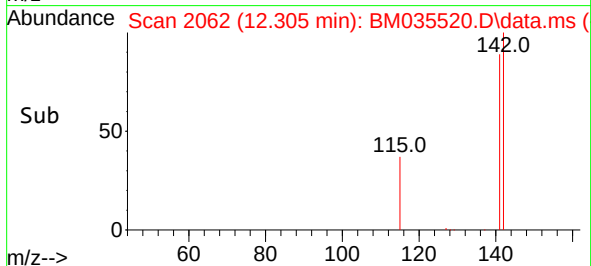
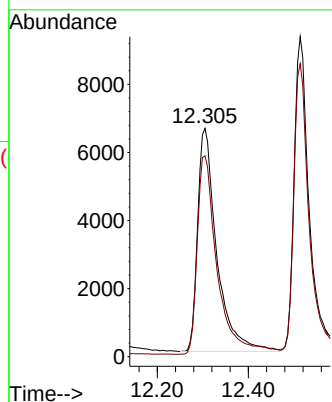
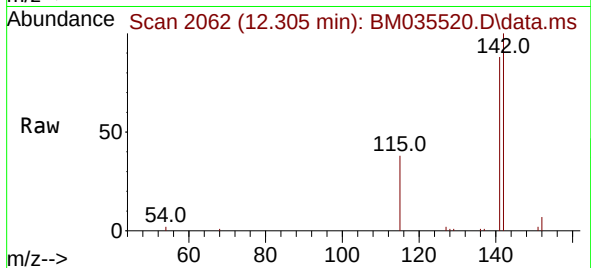




#7
2-Methylnaphthalene
Concen: 0.669 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.017 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

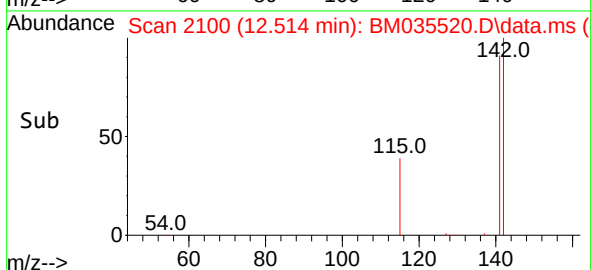
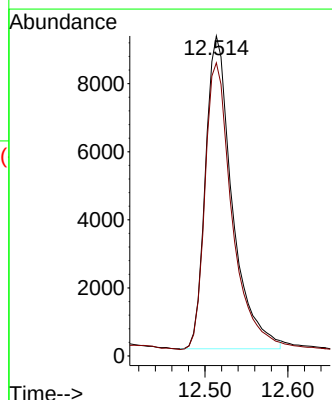
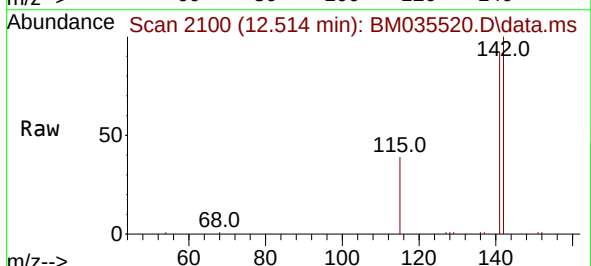
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

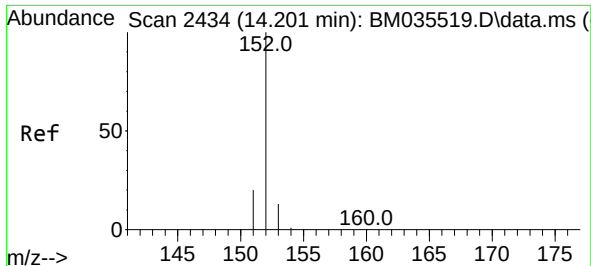
Tgt Ion:142 Resp: 19184
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1



#8
1-Methylnaphthalene
Concen: 0.774 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:142 Resp: 20657
Ion Ratio Lower Upper
142 100
141 92.7 70.1 105.1

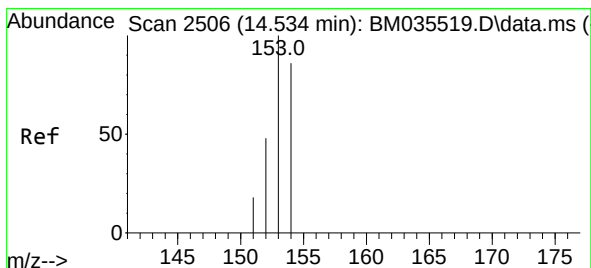
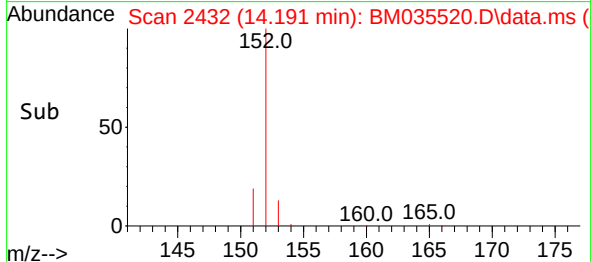
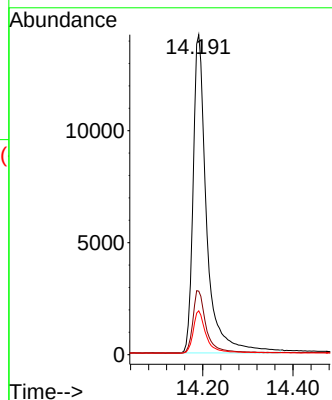
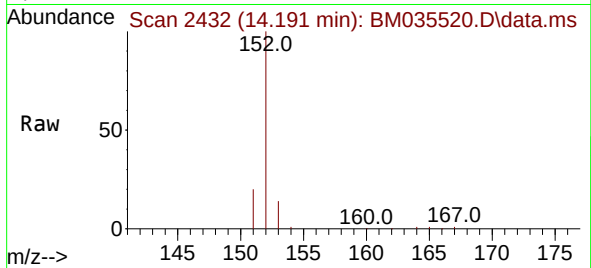




#10
Acenaphthylene
Concen: 0.703 ng/ul
RT: 14.191 min Scan# 2434
Delta R.T. -0.010 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

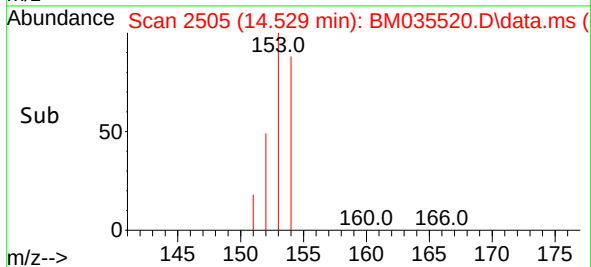
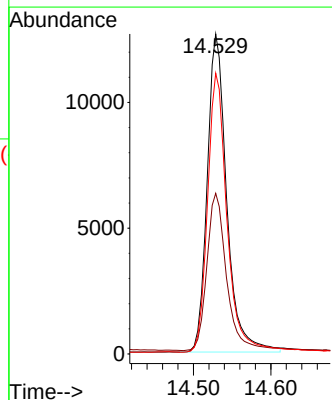
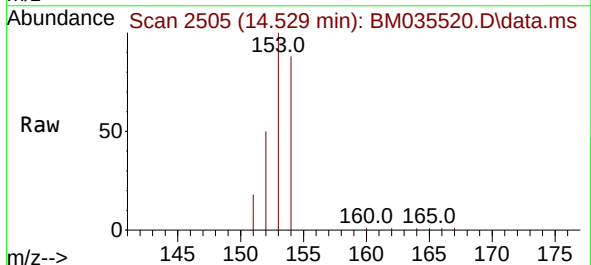
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

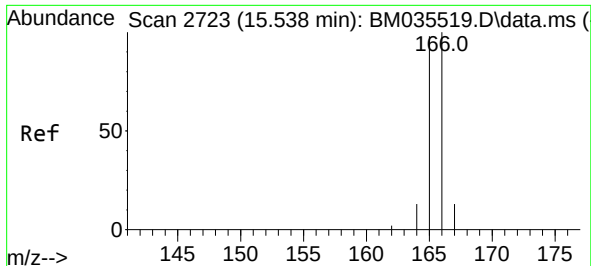
Tgt Ion:152 Resp: 29734
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.727 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.006 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:153 Resp: 22200
Ion Ratio Lower Upper
153 100
152 50.2 40.0 60.0
154 87.8 69.1 103.7

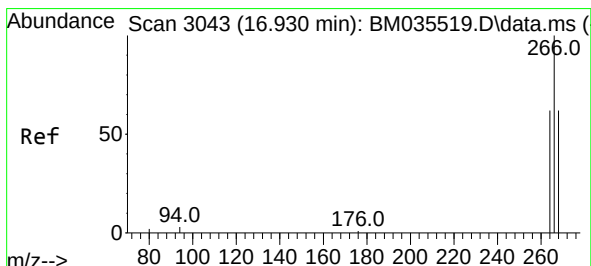
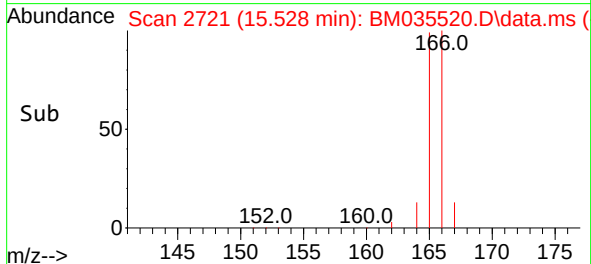
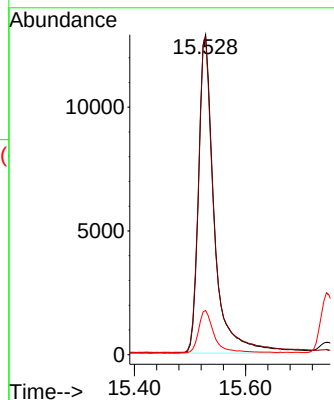
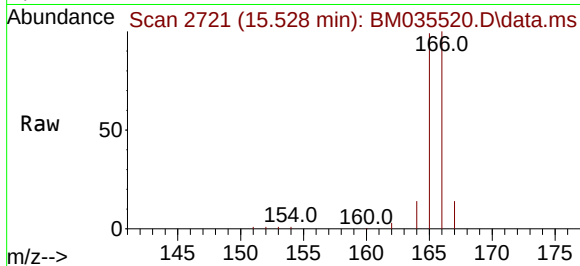




#12
Fluorene
Concen: 0.706 ng/ul
RT: 15.528 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

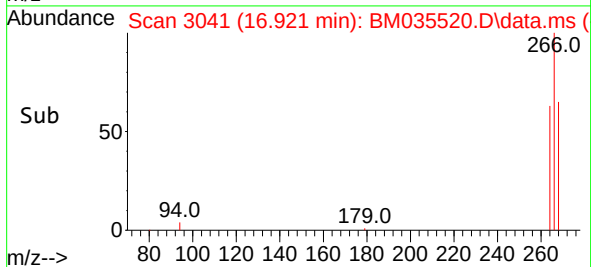
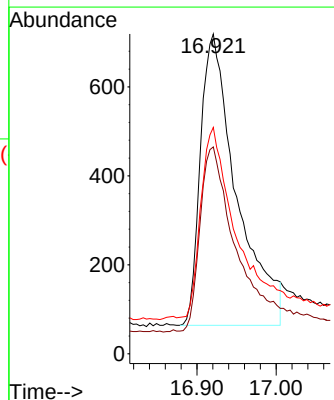
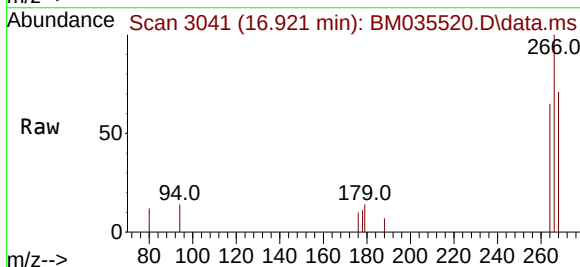
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

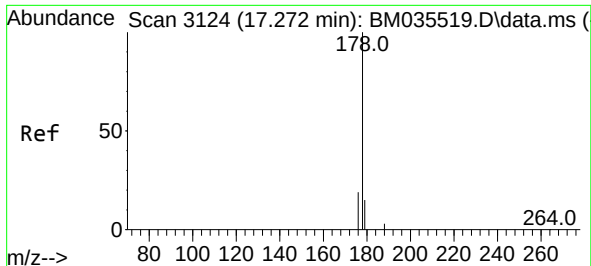
Tgt Ion:166 Resp: 25193
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 13.8 11.6 17.4



#14
Pentachlorophenol
Concen: 0.384 ng/ul
RT: 16.921 min Scan# 3041
Delta R.T. -0.009 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:266 Resp: 2081
Ion Ratio Lower Upper
266 100
264 62.8 31.4 47.2#
268 63.1 32.9 49.3#

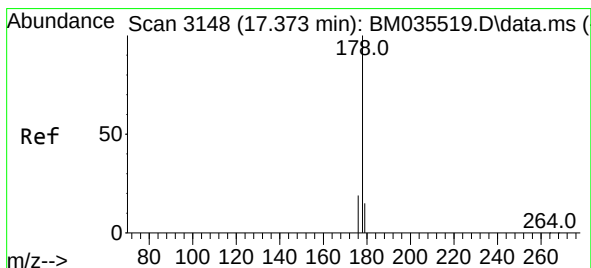
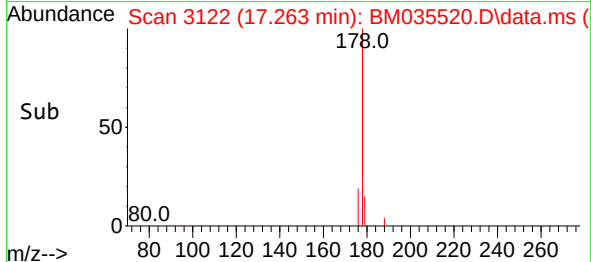
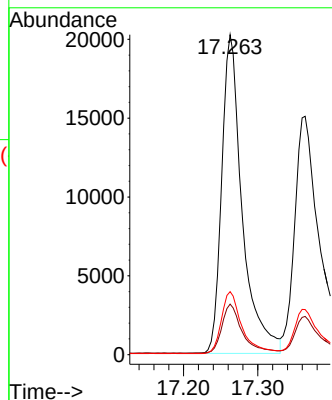
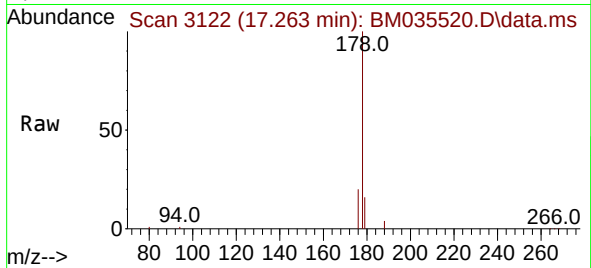




#15
Phenanthrene
Concen: 0.709 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

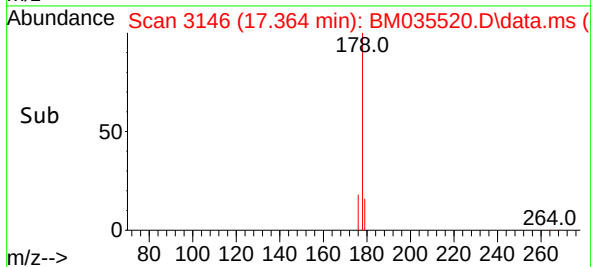
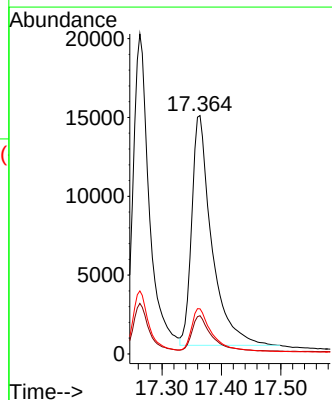
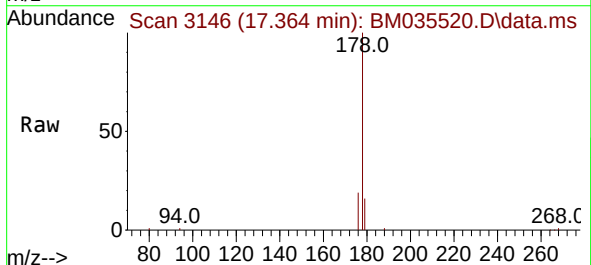
Instrument :
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ClientSampleId :
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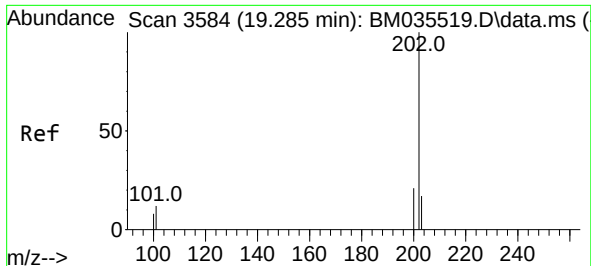
Tgt Ion:178 Resp: 38807
Ion Ratio Lower Upper
178 100
179 15.8 13.2 19.8
176 19.7 16.2 24.4



#16
Anthracene
Concen: 0.685 ng/ul
RT: 17.364 min Scan# 3146
Delta R.T. -0.009 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:178 Resp: 34123
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.0
176 18.9 15.9 23.9

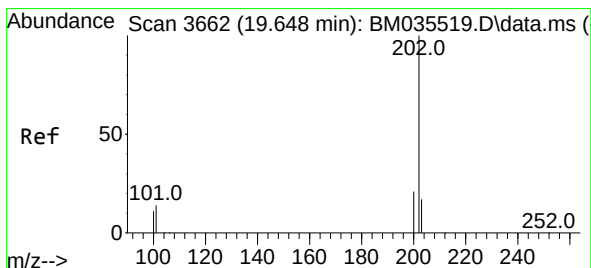
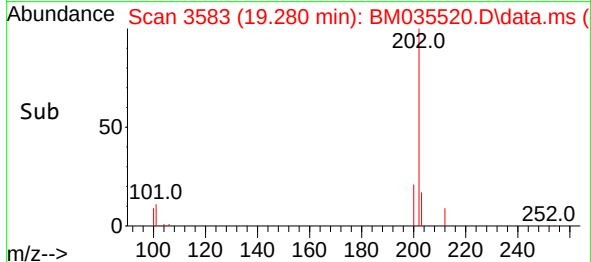
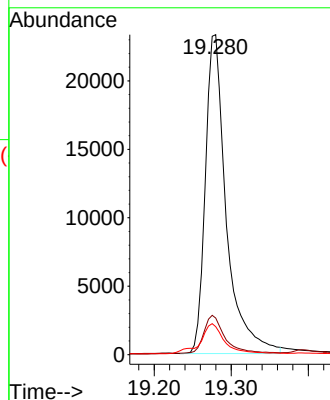
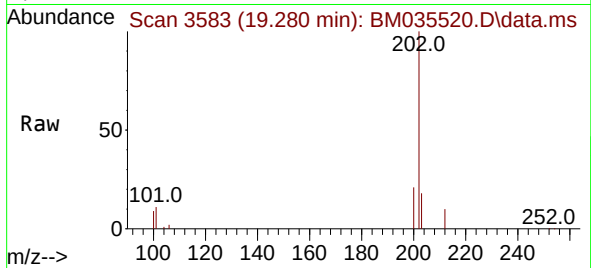




#19
Fluoranthene
Concen: 0.688 ng/ul
RT: 19.280 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

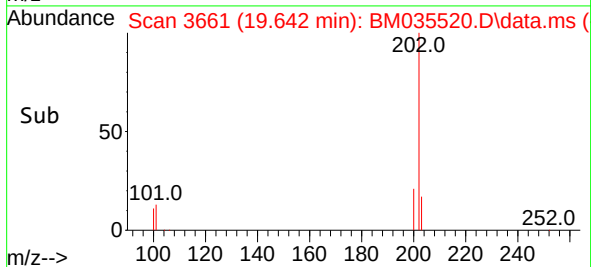
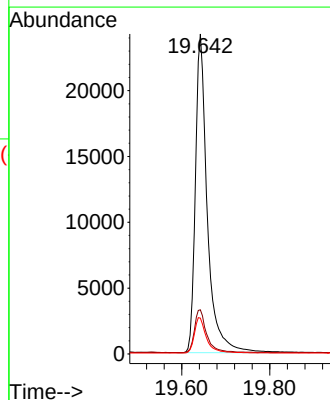
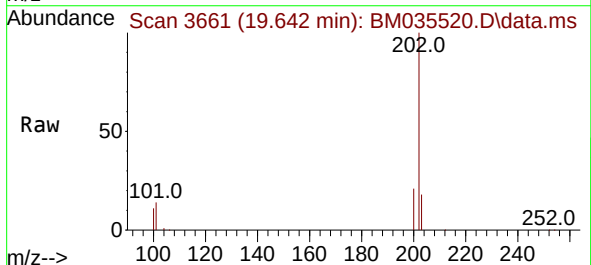
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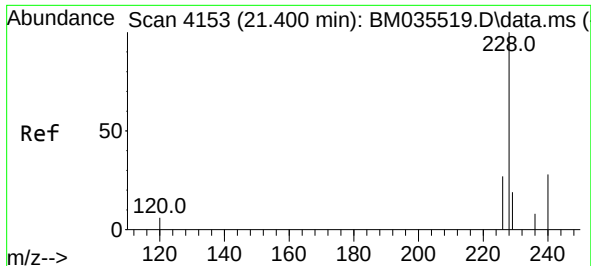
Tgt Ion:	202	Resp:	44143
Ion Ratio	Lower	Upper	
202	100		
101	11.5	10.0	15.0
100	8.8	7.5	11.3



#20
Pyrene
Concen: 0.699 ng/ul
RT: 19.642 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:	202	Resp:	45589
Ion Ratio	Lower	Upper	
202	100		
101	13.8	11.6	17.4
100	11.2	9.3	13.9

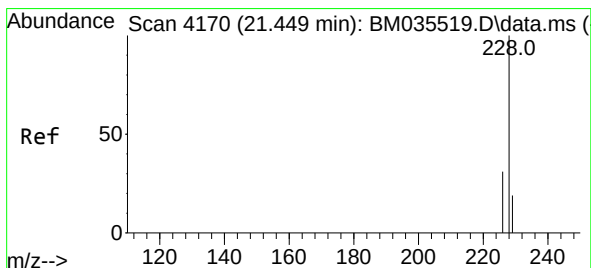
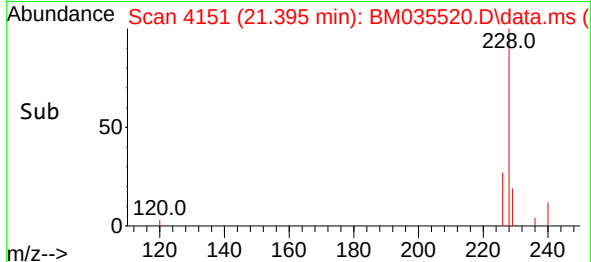
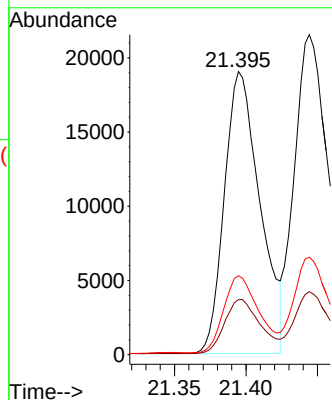
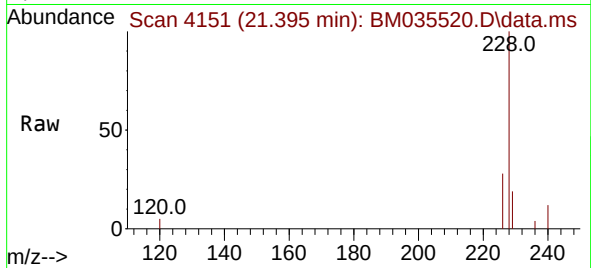




#21
Benzo(a)anthracene
Concen: 0.622 ng/ul
RT: 21.395 min Scan# 4153
Delta R.T. -0.005 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

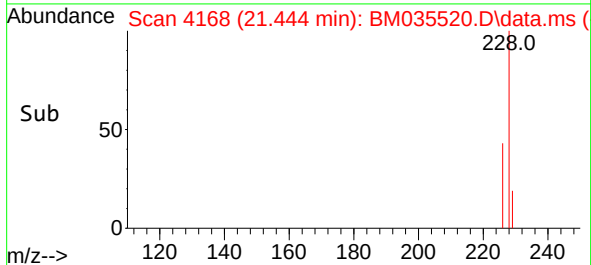
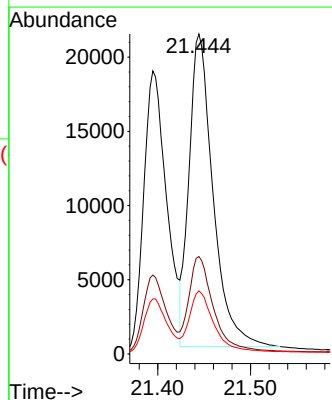
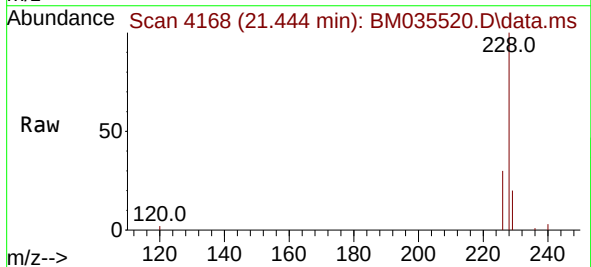
Instrument :
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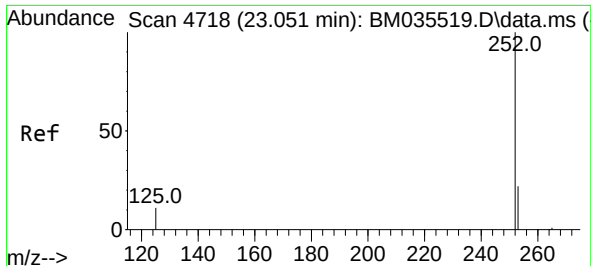
Tgt Ion:228 Resp: 32913
Ion Ratio Lower Upper
228 100
229 19.4 16.2 24.2
226 27.9 22.3 33.5



#22
Chrysene
Concen: 0.688 ng/ul
RT: 21.444 min Scan# 4168
Delta R.T. -0.005 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:228 Resp: 37861
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.7 15.8 23.8

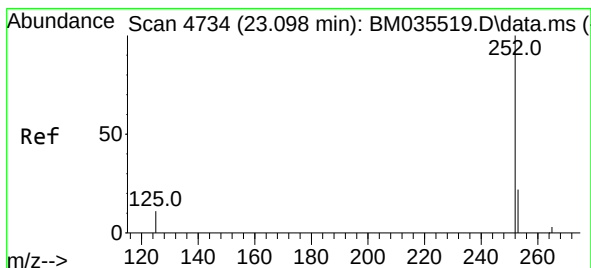
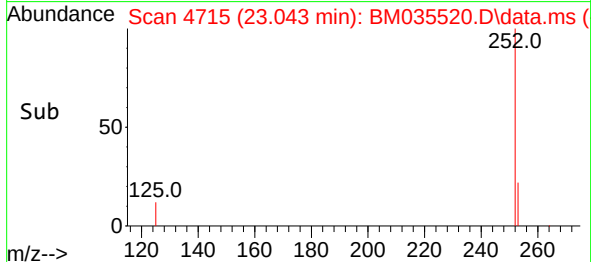
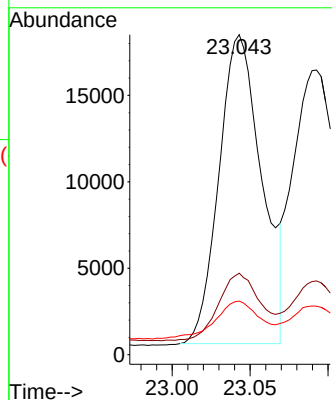
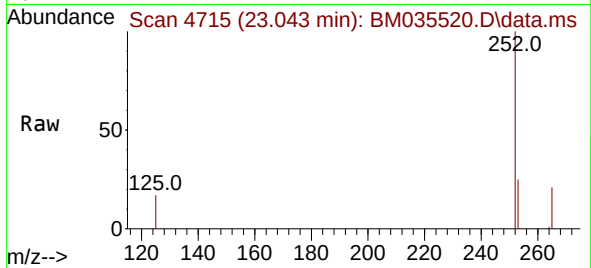




#24
Benzo(b)fluoranthene
Concen: 0.657 ng/ul
RT: 23.043 min Scan# 4715
Delta R.T. -0.008 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

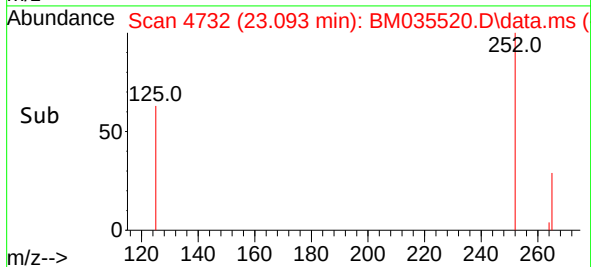
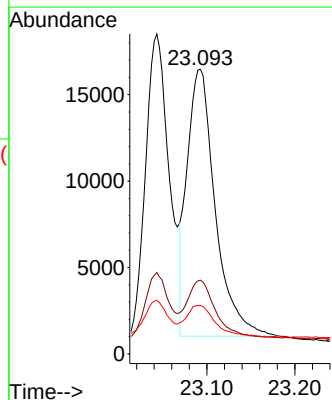
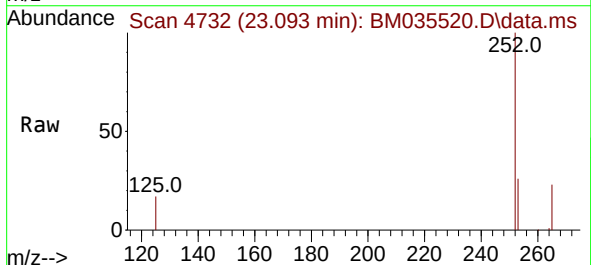
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

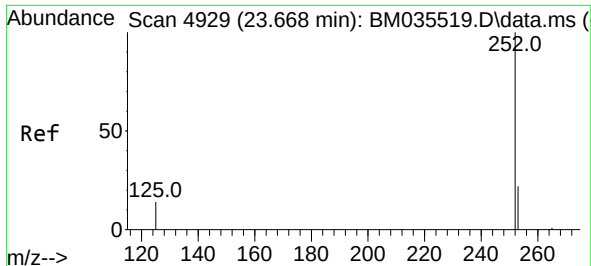
Tgt Ion:252 Resp: 34186
Ion Ratio Lower Upper
252 100
253 25.5 0.0 60.6
125 16.8 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.691 ng/ul
RT: 23.093 min Scan# 4732
Delta R.T. -0.005 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:252 Resp: 34331
Ion Ratio Lower Upper
252 100
253 25.9 24.7 37.1
125 17.0 18.2 27.4#

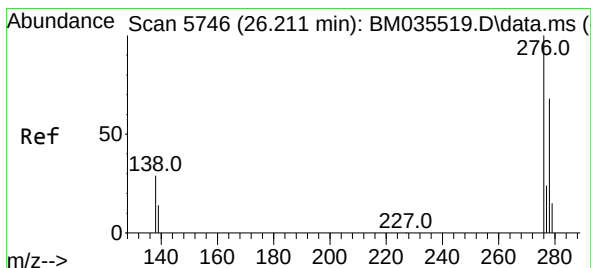
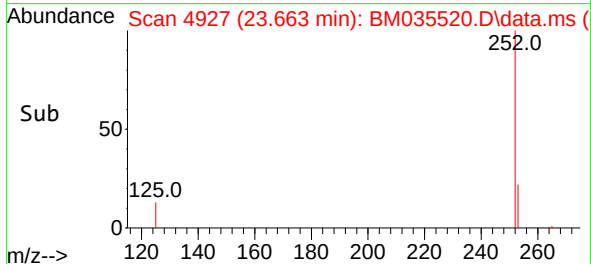
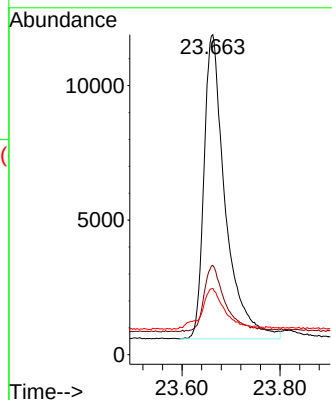
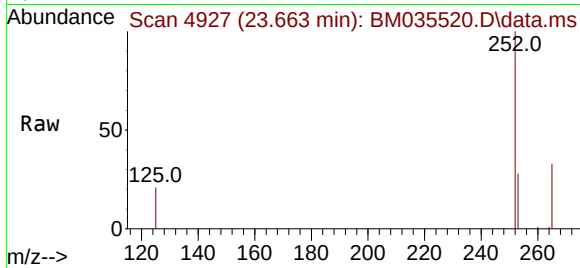




#26
Benzo(a)pyrene
Concen: 0.721 ng/ul
RT: 23.663 min Scan# 4927
Delta R.T. -0.005 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

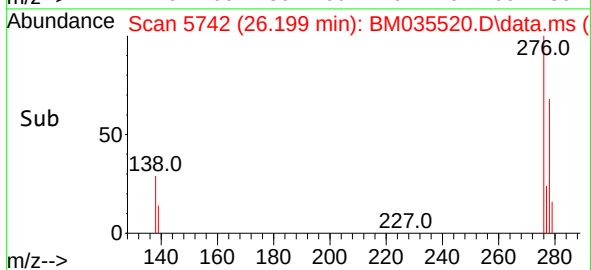
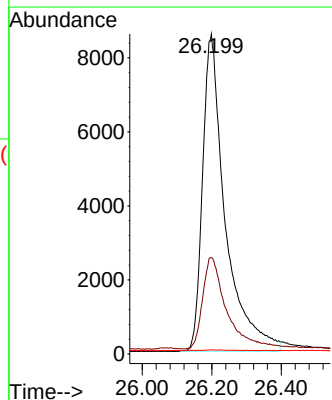
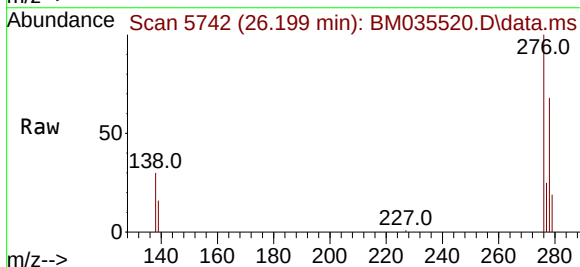
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

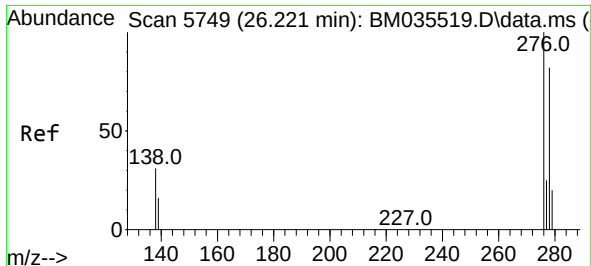
Tgt Ion:252 Resp: 34124
Ion Ratio Lower Upper
252 100
253 27.9 27.8 41.6
125 20.7 23.3 34.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.828 ng/ul
RT: 26.199 min Scan# 5742
Delta R.T. -0.013 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:276 Resp: 38784
Ion Ratio Lower Upper
276 100
138 30.4 24.8 37.2
227 0.2 0.1 0.1#

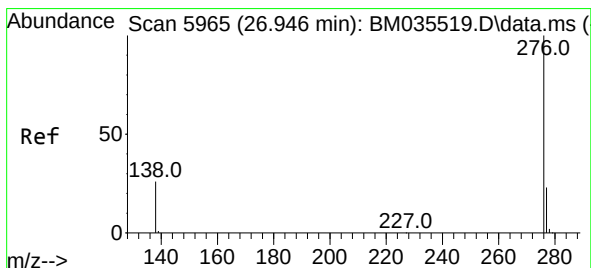
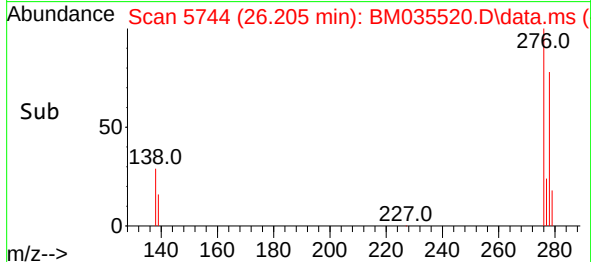
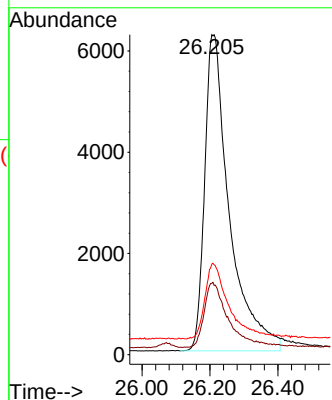
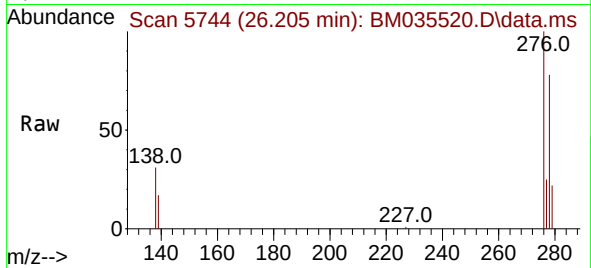




#28
Dibenzo(a,h)anthracene
Concen: 0.847 ng/ul
RT: 26.205 min Scan# 51
Delta R.T. -0.016 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

Tgt Ion:278 Resp: 31573
Ion Ratio Lower Upper
278 100
139 22.3 19.1 28.7
279 28.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.857 ng/ul
RT: 26.933 min Scan# 5961
Delta R.T. -0.013 min
Lab File: BM035520.D
Acq: 18 Jun 2022 14:00

Tgt Ion:276 Resp: 34536
Ion Ratio Lower Upper
276 100
138 28.5 23.1 34.7
277 24.8 20.3 30.5

