

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035536.D
 Acq On : 20 Jun 2022 16:03
 Operator : CG/JU
 Sample : N3226-22MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MSD

Quant Time: Jun 21 01:28:52 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 01:56:13 2022
 Response via : Initial Calibration

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

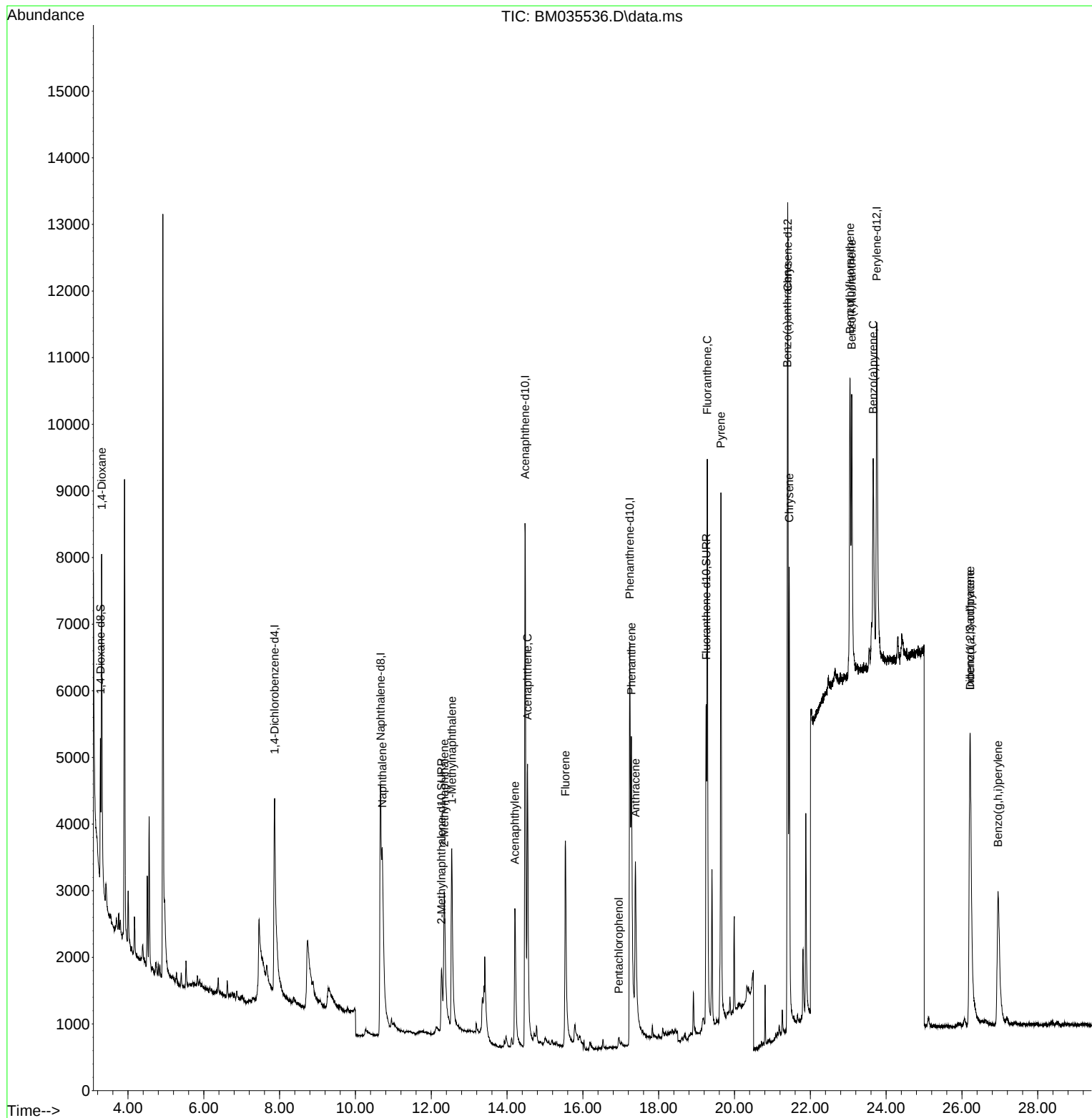
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	3399	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	11785	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.474	164	5544	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	11204	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	9747	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	8880	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1245	0.260	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	2729	0.156	ng/ul	0.03
18) Fluoranthene-d10	19.253	212	6050	0.185	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	2905	0.610	ng/ul#	74
5) Naphthalene	10.710	128	5239	0.131	ng/ul#	94
7) 2-Methylnaphthalene	12.343	142	3122	0.137	ng/ul	99
8) 1-Methylnaphthalene	12.541	142	3136	0.150	ng/ul	100
10) Acenaphthylene	14.206	152	4383	0.140	ng/ul	95
11) Acenaphthene	14.539	153	3313	0.143	ng/ul	98
12) Fluorene	15.538	166	3624	0.139	ng/ul	96
14) Pentachlorophenol	16.951	266	228	0.106	ng/ul	96
15) Phenanthrene	17.280	178	6399	0.156	ng/ul	96
16) Anthracene	17.386	178	4678	0.130	ng/ul#	94
19) Fluoranthene	19.281	202	8422	0.169	ng/ul	95
20) Pyrene	19.639	202	8631	0.165	ng/ul	96
21) Benzo(a)anthracene	21.394	228	6099	0.165	ng/ul	98
22) Chrysene	21.443	228	6893	0.157	ng/ul	97
24) Benzo(b)fluoranthene	23.045	252	6594	0.170	ng/ul	78
25) Benzo(k)fluoranthene	23.092	252	6085	0.151	ng/ul#	74
26) Benzo(a)pyrene	23.659	252	6004	0.149	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.211	276	7179	0.155	ng/ul	98
28) Dibenzo(a,h)anthracene	26.218	278	5711	0.151	ng/ul#	83
29) Benzo(g,h,i)perylene	26.952	276	6046	0.145	ng/ul	91

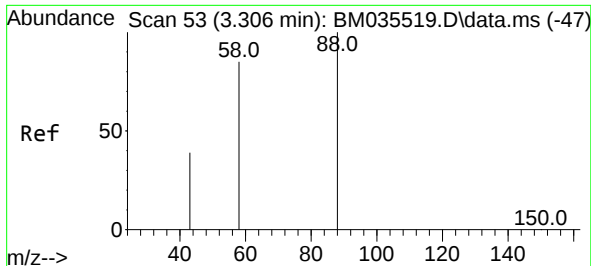
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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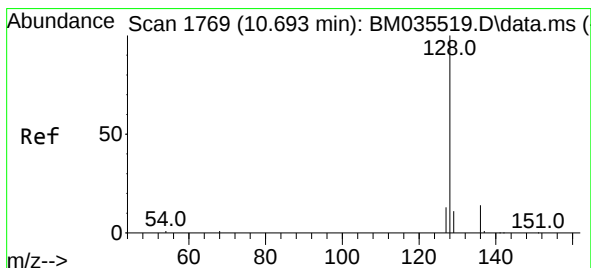
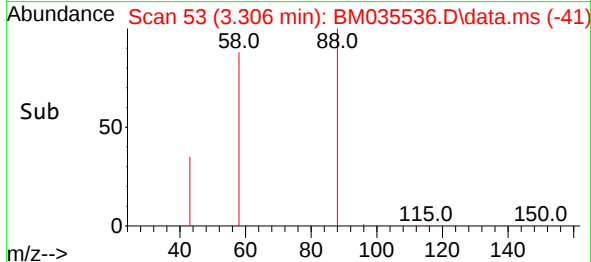
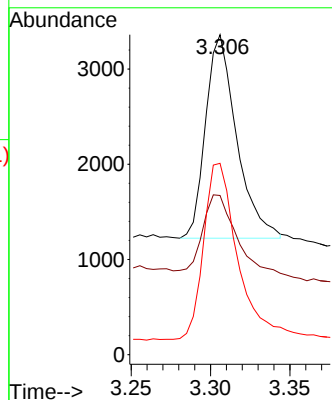
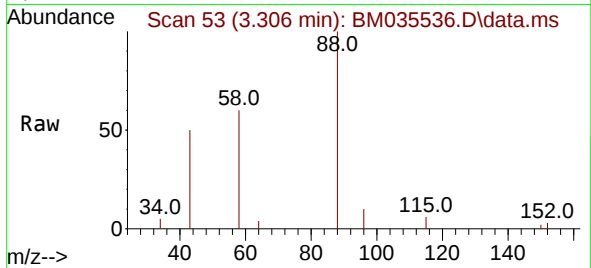




#2
1,4-Dioxane
Concen: 0.610 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

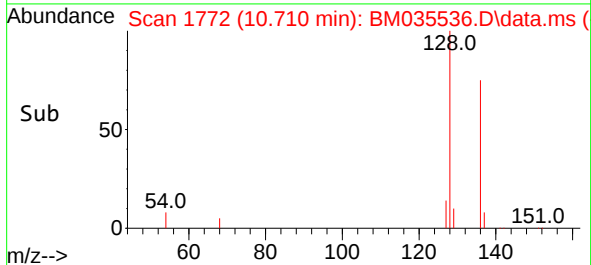
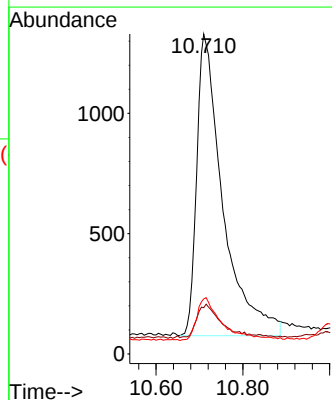
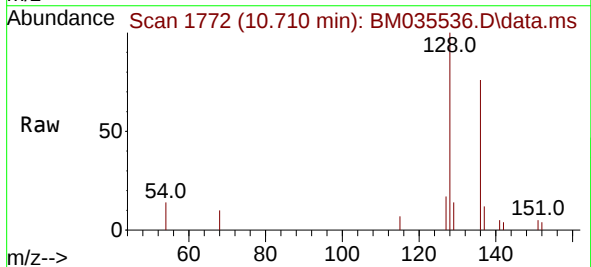
Instrument :
BNA_M
ClientSampleId :
EW4P0MSD

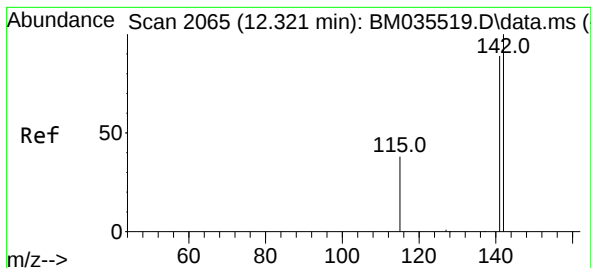
Tgt Ion: 88 Resp: 2905
Ion Ratio Lower Upper
88 100
43 49.7 70.4 105.6#
58 59.8 45.6 68.4



#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. 0.017 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion: 128 Resp: 5239
Ion Ratio Lower Upper
128 100
129 14.4 10.1 15.1
127 17.2 11.4 17.2#





#7

2-Methylnaphthalene

Concen: 0.137 ng/ul

RT: 12.343 min Scan# 2069

Delta R.T. 0.022 min

Lab File: BM035536.D

Acq: 20 Jun 2022 16:03

Instrument :

BNA_M

ClientSampleId :

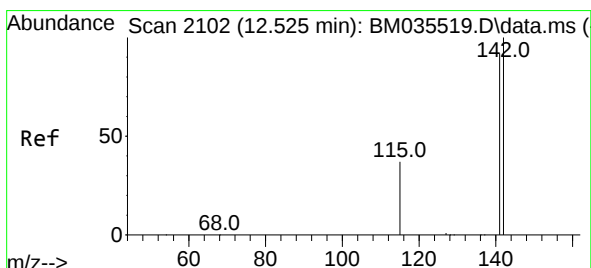
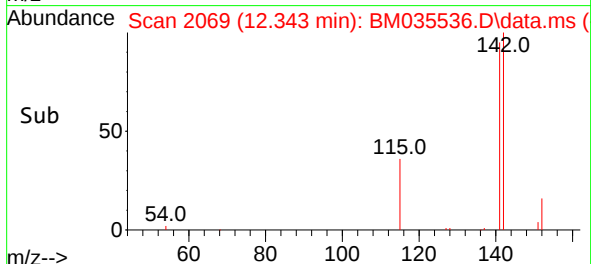
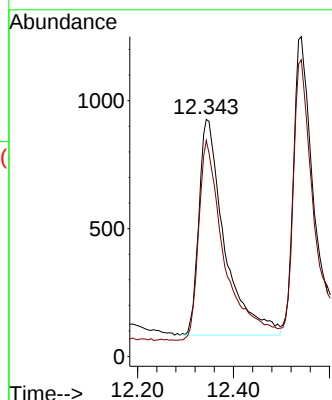
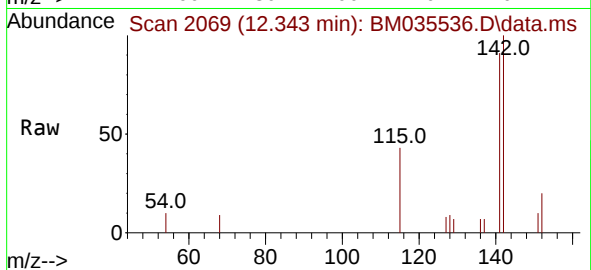
EW4P0MSD

Tgt Ion:142 Resp: 3122

Ion Ratio Lower Upper

142 100

141 93.0 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.150 ng/ul

RT: 12.541 min Scan# 2105

Delta R.T. 0.017 min

Lab File: BM035536.D

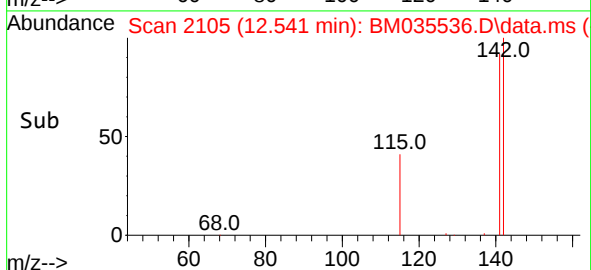
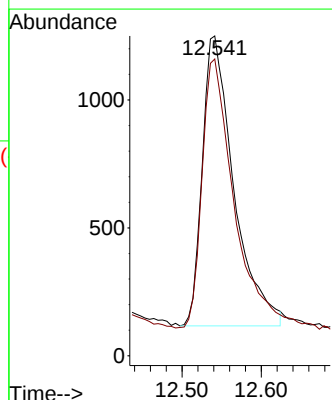
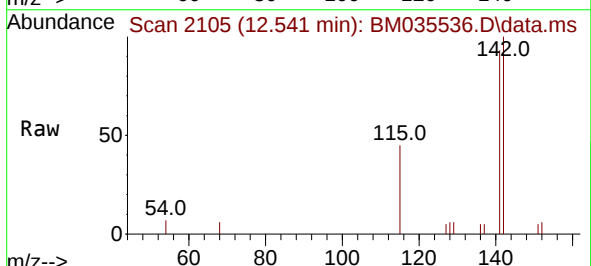
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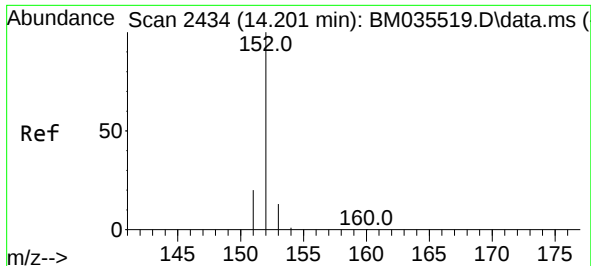
Tgt Ion:142 Resp: 3136

Ion Ratio Lower Upper

142 100

141 92.8 74.6 111.8

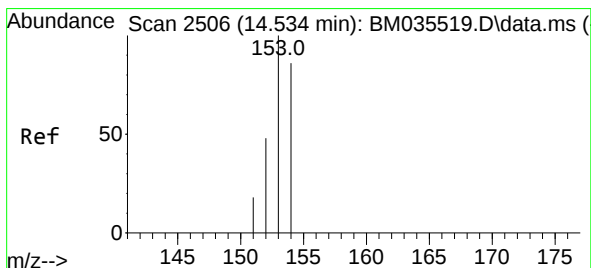
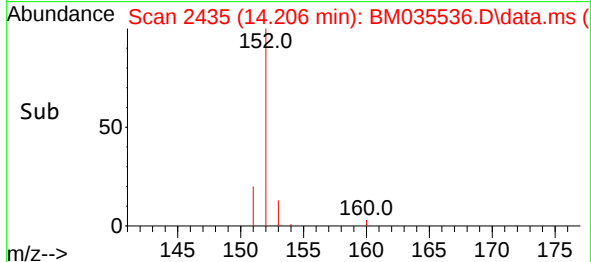
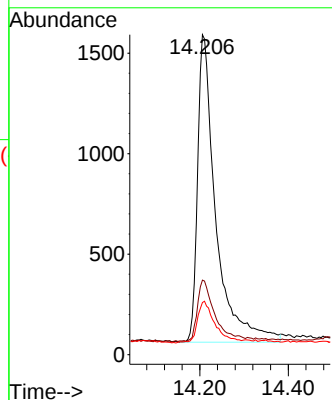
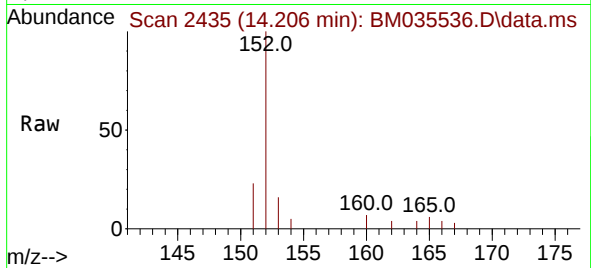




#10
Acenaphthylene
Concen: 0.140 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

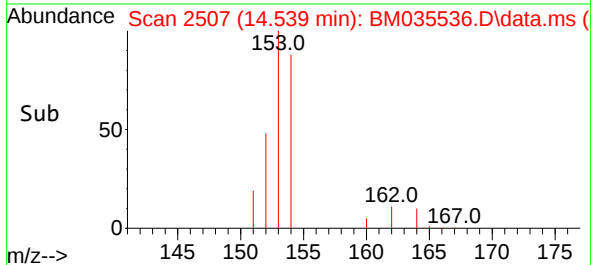
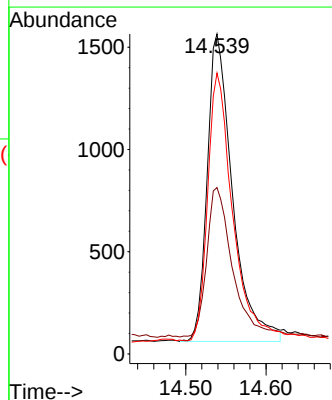
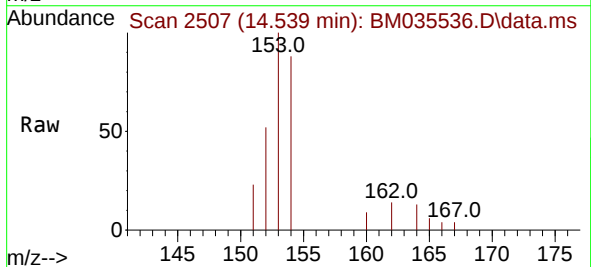
Instrument :
BNA_M
ClientSampleId :
EW4P0MSD

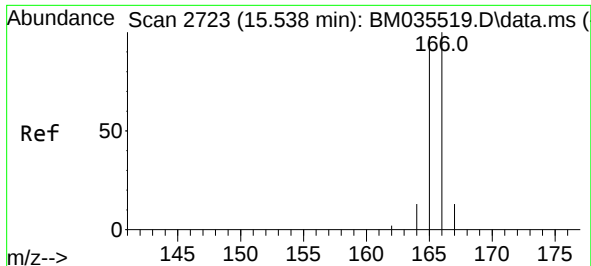
Tgt Ion:152 Resp: 4383
Ion Ratio Lower Upper
152 100
151 23.3 16.8 25.2
153 16.3 11.1 16.7



#11
Acenaphthene
Concen: 0.143 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.005 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion:153 Resp: 3313
Ion Ratio Lower Upper
153 100
152 52.0 40.0 60.0
154 87.7 69.1 103.7

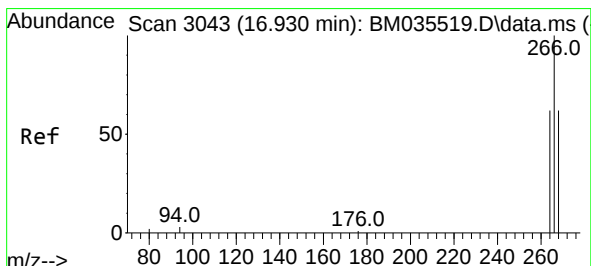
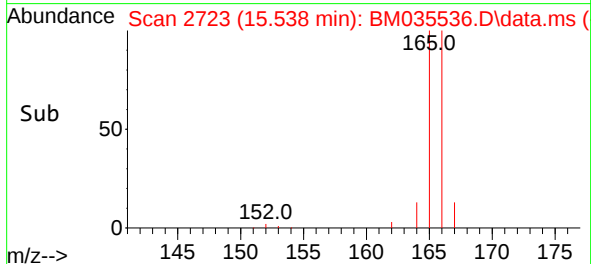
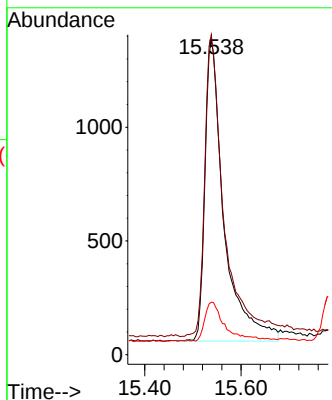
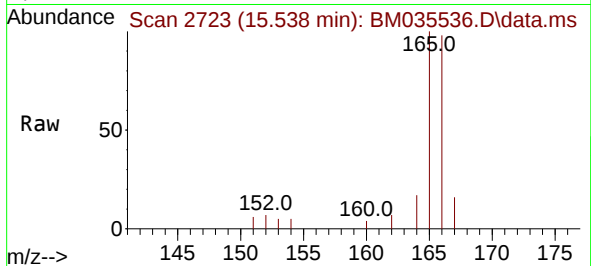




#12
Fluorene
Concen: 0.139 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

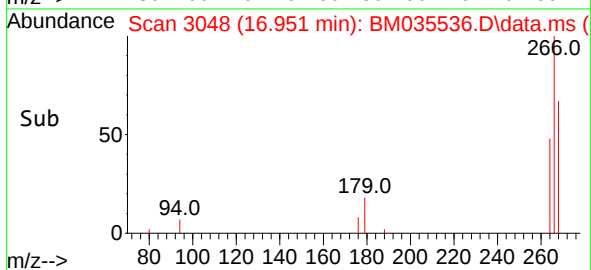
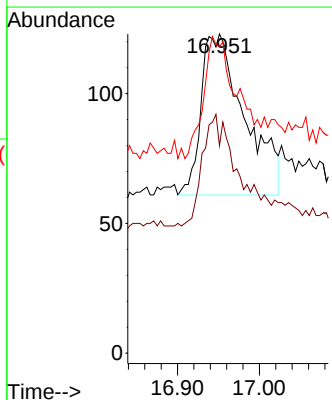
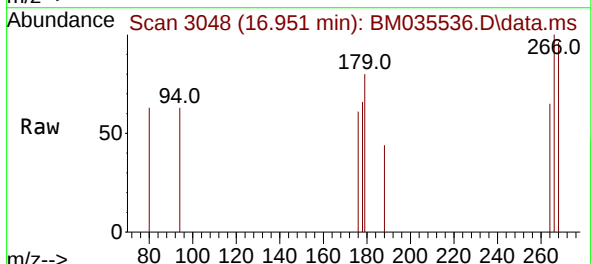
Instrument :
BNA_M
ClientSampleId :
EW4P0MSD

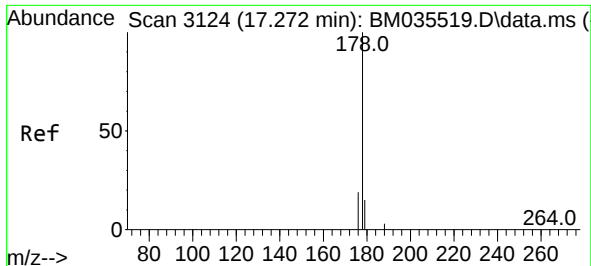
Tgt Ion:	166	Resp:	3624
Ion	Ratio	Lower	Upper
166	100		
165	101.7	78.7	118.1
167	16.7	11.6	17.4



#14
Pentachlorophenol
Concen: 0.106 ng/ul
RT: 16.951 min Scan# 3048
Delta R.T. 0.021 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion:	266	Resp:	228
Ion	Ratio	Lower	Upper
266	100		
264	60.1	51.0	76.4
268	68.0	51.7	77.5

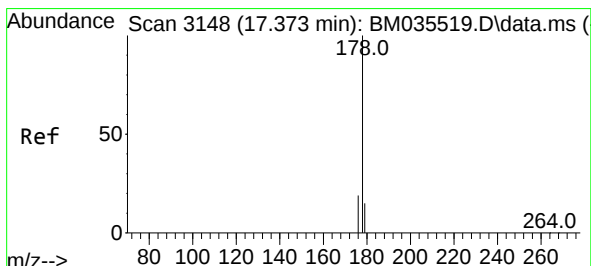
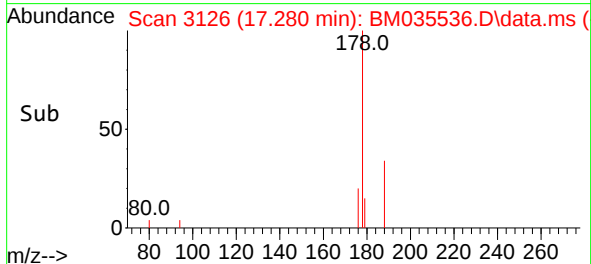
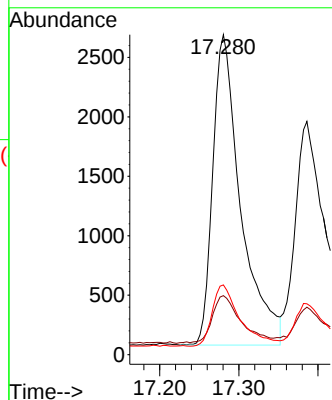
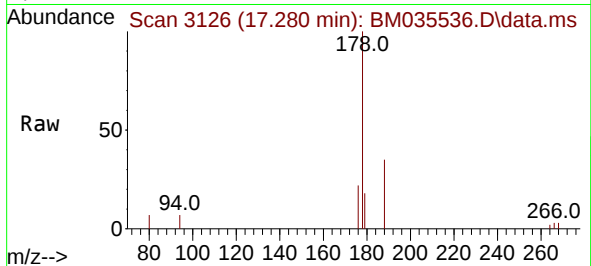




#15
Phenanthrene
Concen: 0.156 ng/ul
RT: 17.280 min Scan# 3124
Delta R.T. 0.008 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

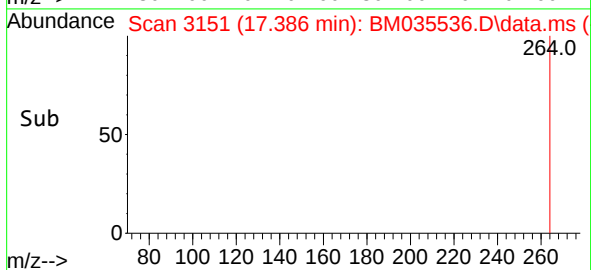
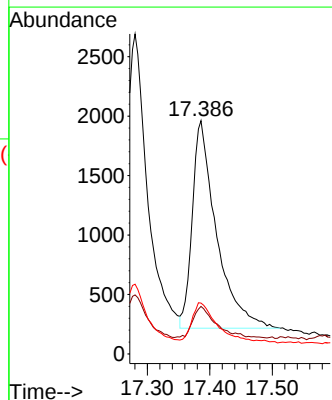
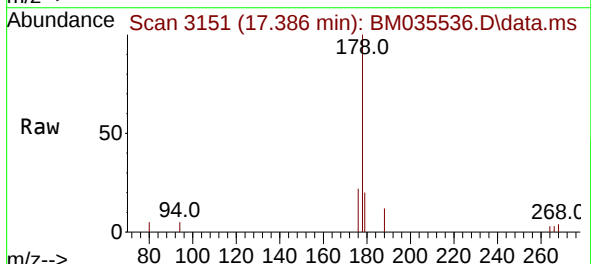
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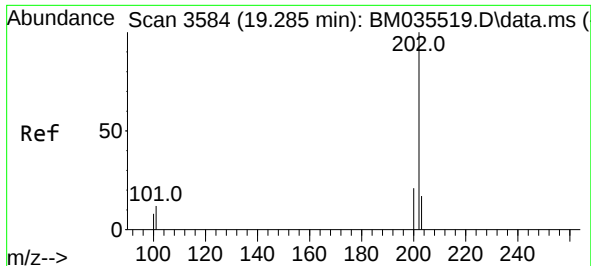
Tgt Ion:178 Resp: 6399
Ion Ratio Lower Upper
178 100
179 18.4 13.2 19.8
176 21.8 16.2 24.4



#16
Anthracene
Concen: 0.130 ng/ul
RT: 17.386 min Scan# 3151
Delta R.T. 0.013 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion:178 Resp: 4678
Ion Ratio Lower Upper
178 100
179 20.4 13.4 20.0#
176 21.8 15.9 23.9

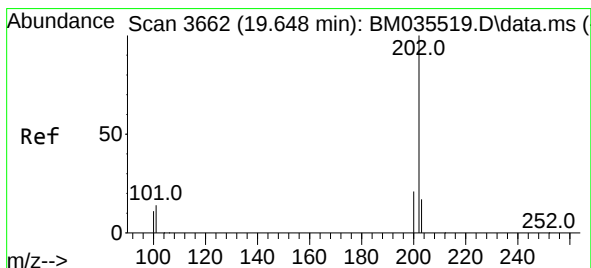
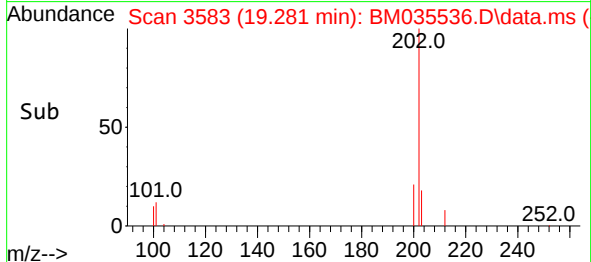
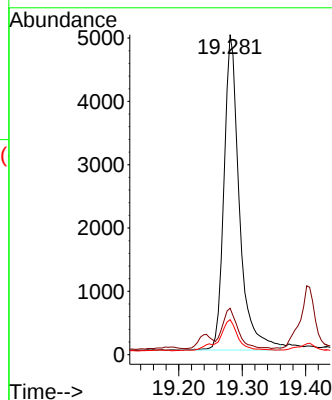
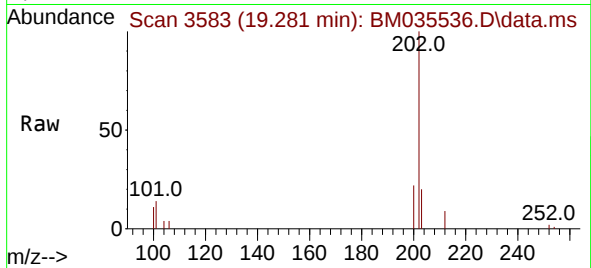




#19
Fluoranthene
Concen: 0.169 ng/ul
RT: 19.281 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

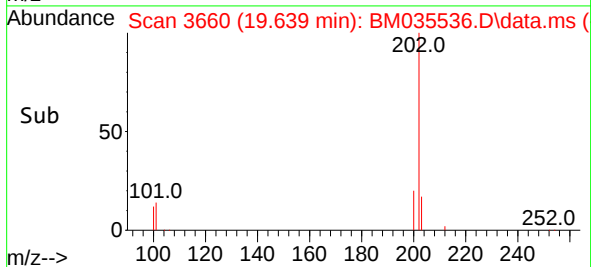
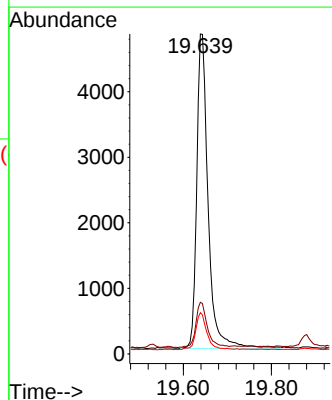
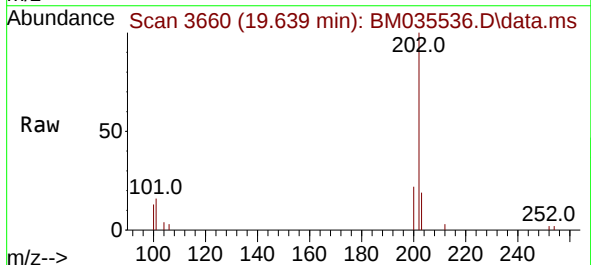
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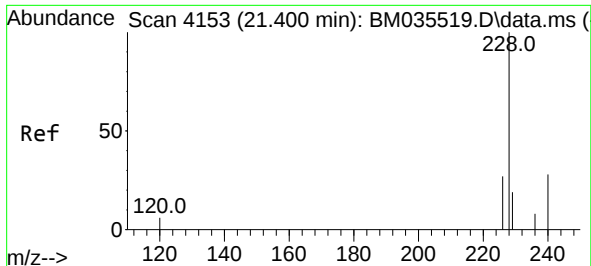
Tgt Ion:202 Resp: 8422
Ion Ratio Lower Upper
202 100
101 14.5 10.0 15.0
100 11.0 7.5 11.3



#20
Pyrene
Concen: 0.165 ng/ul
RT: 19.639 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion:202 Resp: 8631
Ion Ratio Lower Upper
202 100
101 16.2 11.6 17.4
100 12.9 9.3 13.9

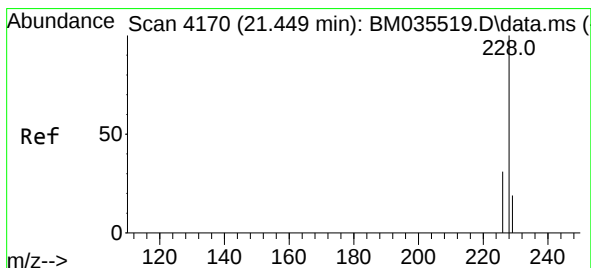
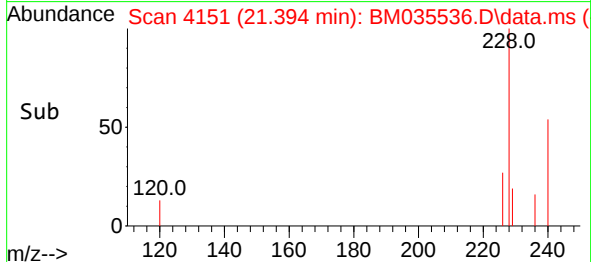
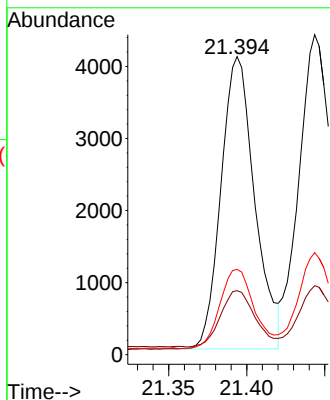
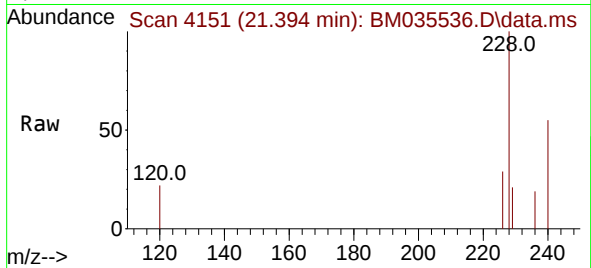




#21
Benzo(a)anthracene
Concen: 0.165 ng/ul
RT: 21.394 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

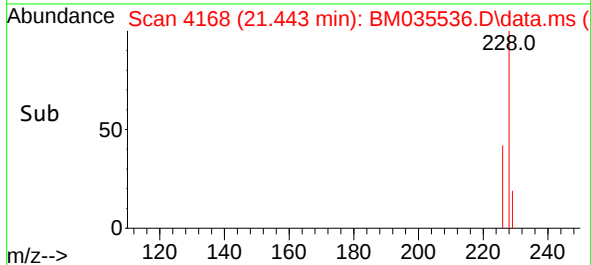
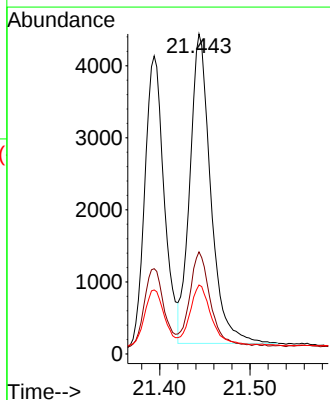
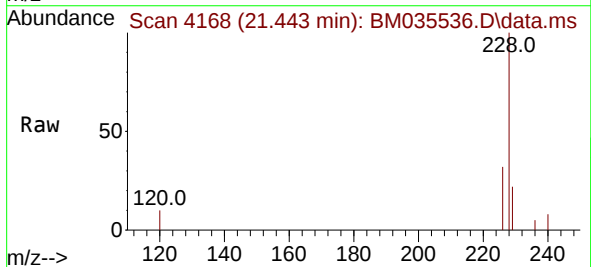
Instrument :
BNA_M
ClientSampleId :
EW4P0MSD

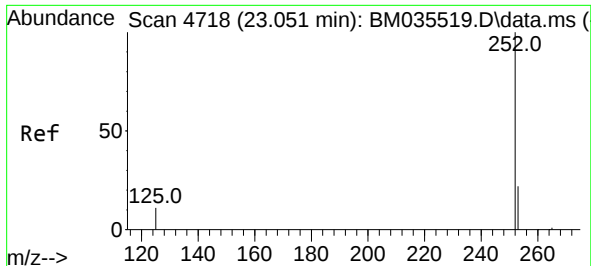
Tgt Ion:228 Resp: 6099
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.157 ng/ul
RT: 21.443 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion:228 Resp: 6893
Ion Ratio Lower Upper
228 100
226 31.9 24.5 36.7
229 21.6 15.8 23.8

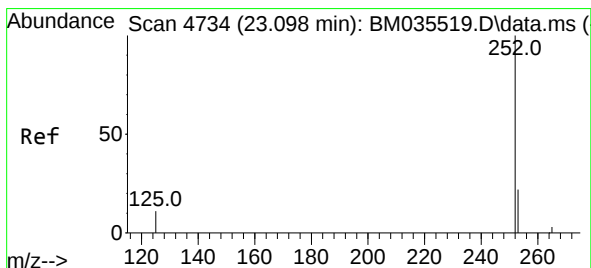
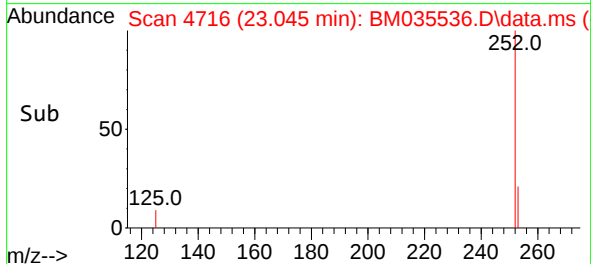
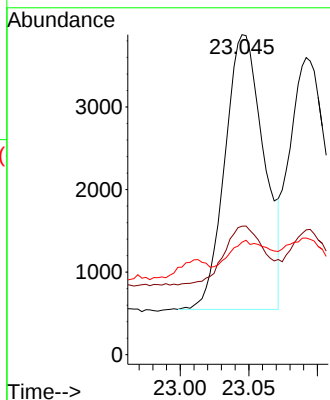
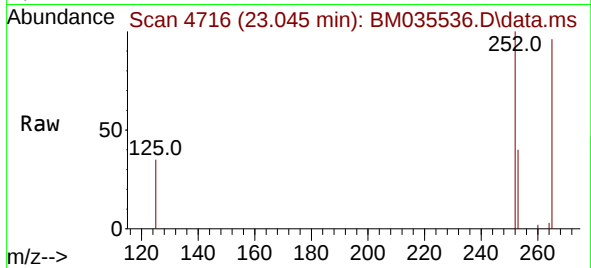




#24
Benzo(b)fluoranthene
Concen: 0.170 ng/ul
RT: 23.045 min Scan# 4716
Delta R.T. -0.006 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

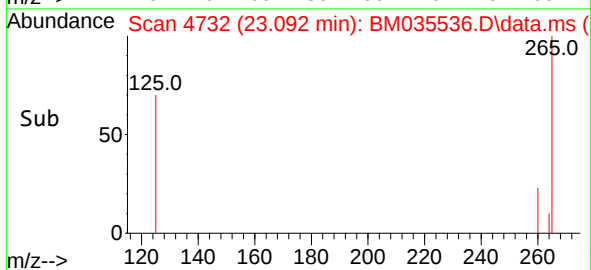
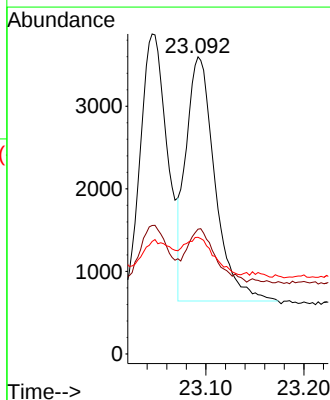
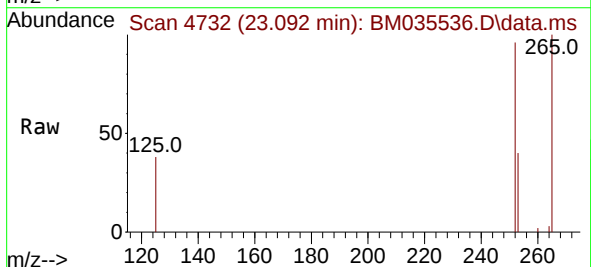
Instrument :
BNA_M
ClientSampleId :
EW4P0MSD

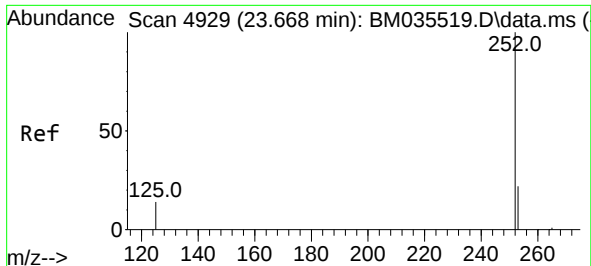
Tgt Ion:252 Resp: 6594
Ion Ratio Lower Upper
252 100
253 40.1 0.0 60.6
125 35.2 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.151 ng/ul
RT: 23.092 min Scan# 4732
Delta R.T. -0.006 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion:252 Resp: 6085
Ion Ratio Lower Upper
252 100
253 42.0 24.7 37.1#
125 39.3 18.2 27.4#

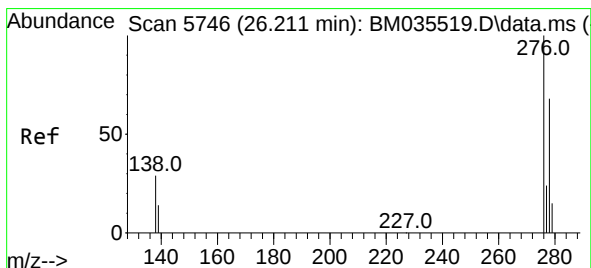
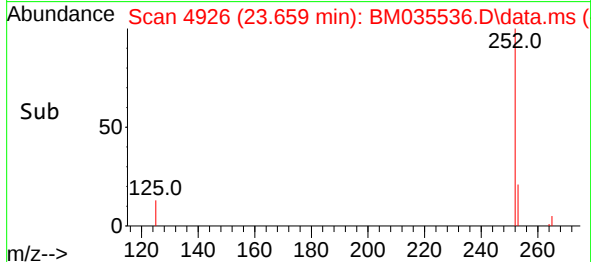
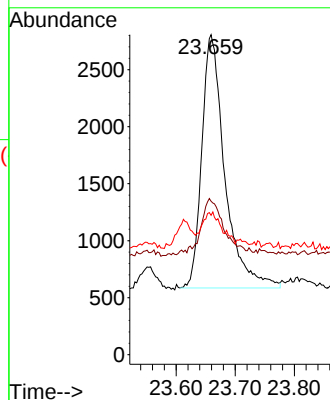
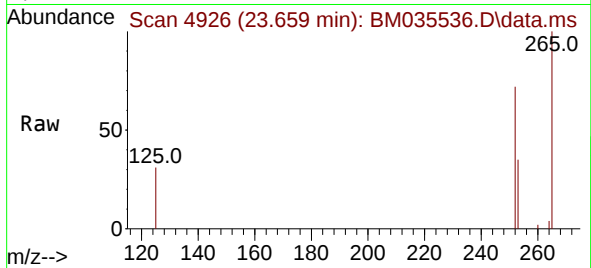




#26
Benzo(a)pyrene
Concen: 0.149 ng/ul
RT: 23.659 min Scan# 4926
Delta R.T. -0.009 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

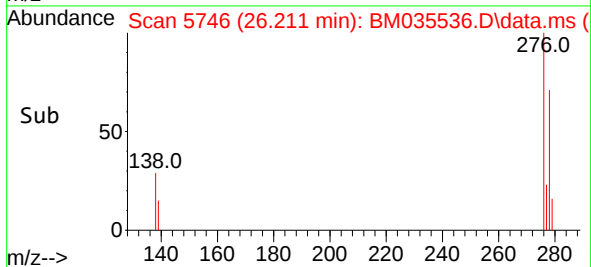
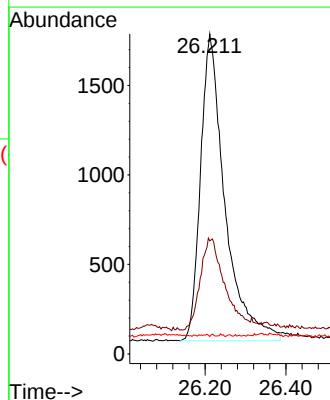
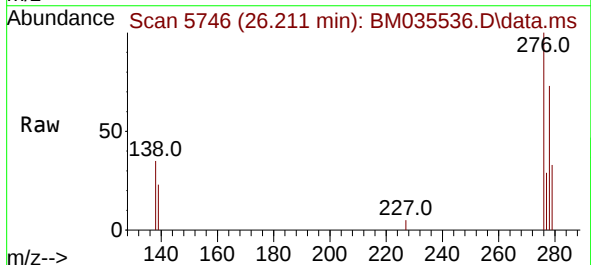
Instrument :
BNA_M
ClientSampleId :
EW4P0MSD

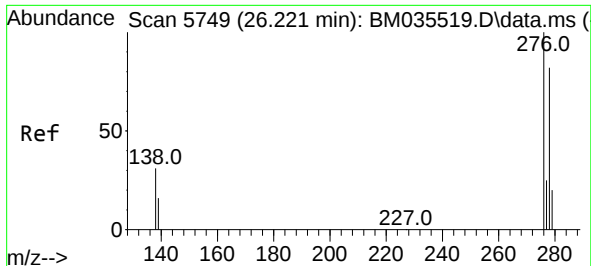
Tgt Ion:252 Resp: 6004
Ion Ratio Lower Upper
252 100
253 48.0 27.8 41.6#
125 43.5 23.3 34.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 26.211 min Scan# 5746
Delta R.T. 0.000 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion:276 Resp: 7179
Ion Ratio Lower Upper
276 100
138 32.3 24.8 37.2
227 0.1 0.1 0.1

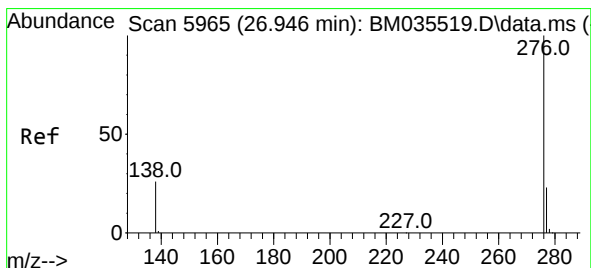
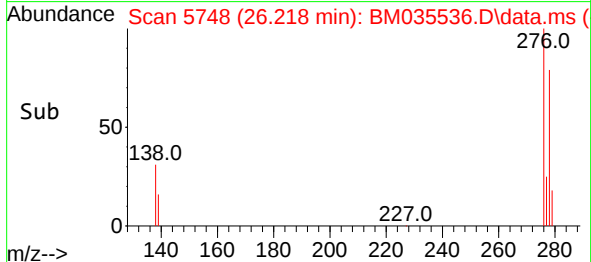
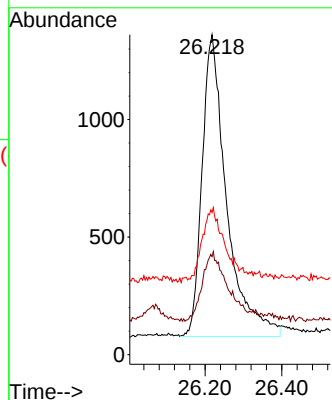
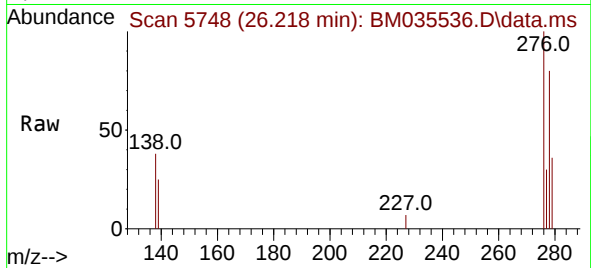




#28
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 26.218 min Scan# 5748
Delta R.T. -0.003 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Instrument :
BNA_M
ClientSampleId :
EW4P0MSD

Tgt Ion:278 Resp: 5711
Ion Ratio Lower Upper
278 100
139 30.6 19.1 28.7#
279 44.5 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 26.952 min Scan# 5967
Delta R.T. 0.007 min
Lab File: BM035536.D
Acq: 20 Jun 2022 16:03

Tgt Ion:276 Resp: 6046
Ion Ratio Lower Upper
276 100
138 33.8 23.1 34.7
277 30.2 20.3 30.5

