

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
 Data File : BM035687.D
 Acq On : 25 Jun 2022 15:01
 Operator : CG/JU
 Sample : SSTD3.255
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2006

Quant Time: Jun 28 02:06:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 02:03:15 2022
 Response via : Initial Calibration

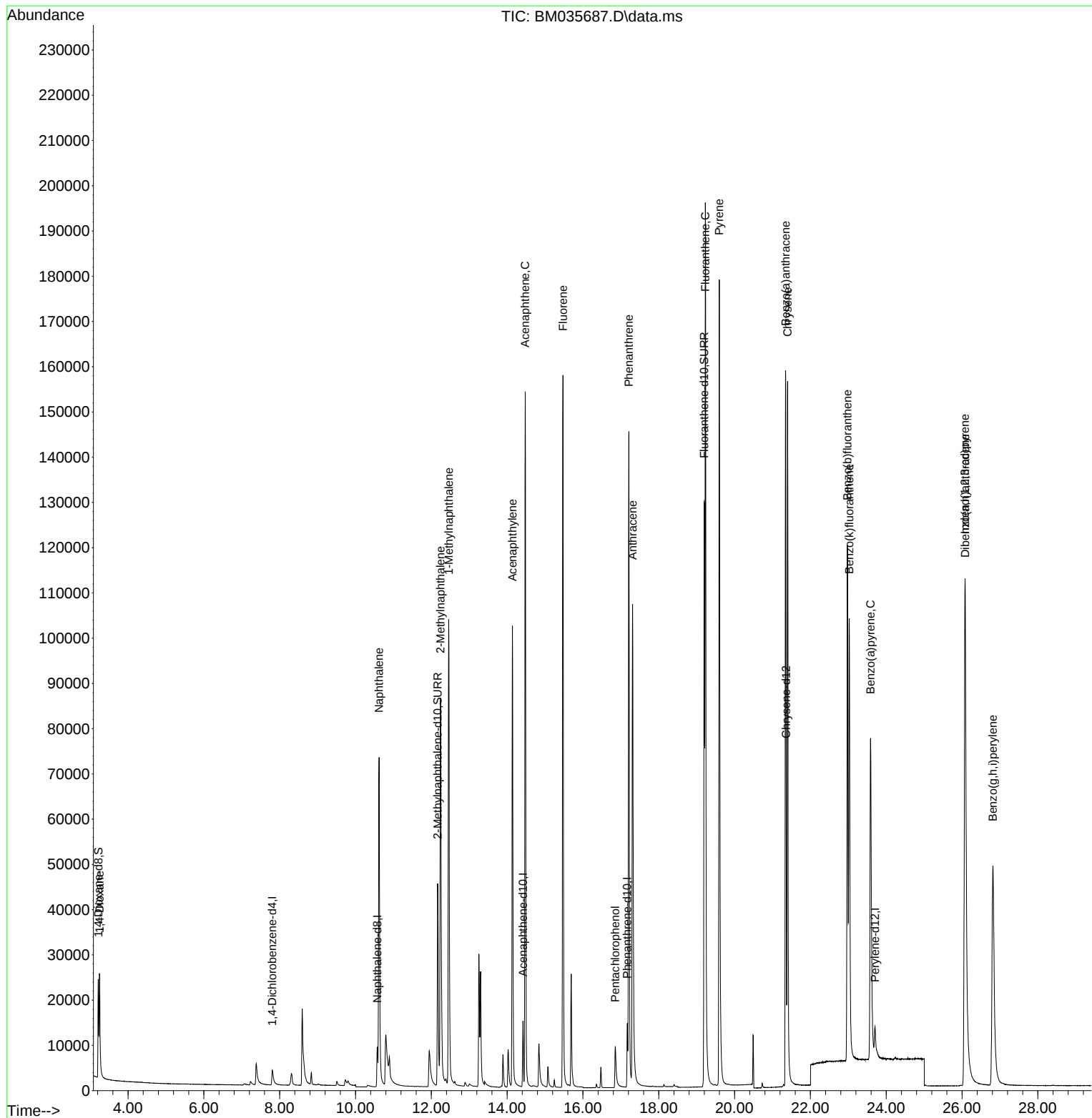
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3461	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.578	136	13623	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.418	164	7925	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.170	188	16965	0.400	ng/ul	-0.03
17) Chrysene-d12	21.360	240	13299	0.400	ng/ul	-0.02
23) Perylene-d12	23.704	264	10608	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	13834	2.841	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	69929	3.454	ng/ul	-0.06
18) Fluoranthene-d10	19.201	212	151377	3.388	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	12020	2.479	ng/ul#	76
5) Naphthalene	10.622	128	118254	2.563	ng/ul	96
7) 2-Methylnaphthalene	12.244	142	79506	3.017	ng/ul	94
8) 1-Methylnaphthalene	12.459	142	83495	3.449	ng/ul	99
10) Acenaphthylene	14.140	152	129119	2.893	ng/ul	97
11) Acenaphthene	14.478	153	92988	2.813	ng/ul	99
12) Fluorene	15.472	166	108823	2.911	ng/ul	99
14) Pentachlorophenol	16.853	266	8323	2.558	ng/ul	97
15) Phenanthrene	17.212	178	171564	2.758	ng/ul	98
16) Anthracene	17.309	178	158851	2.918	ng/ul	97
19) Fluoranthene	19.229	202	195056	2.869	ng/ul	98
20) Pyrene	19.596	202	195195	2.739	ng/ul	97
21) Benzo(a)anthracene	21.345	228	148848	2.960	ng/ul	99
22) Chrysene	21.398	228	159221	2.661	ng/ul	98
24) Benzo(b)fluoranthene	22.976	252	122502	2.638	ng/ul	84
25) Benzo(k)fluoranthene	23.025	252	145996	3.030	ng/ul#	83
26) Benzo(a)pyrene	23.587	252	141169	2.931	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.078	276	156254	2.817	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.085	278	126412	2.791	ng/ul#	86
29) Benzo(g,h,i)perylene	26.812	276	136626	2.751	ng/ul	95

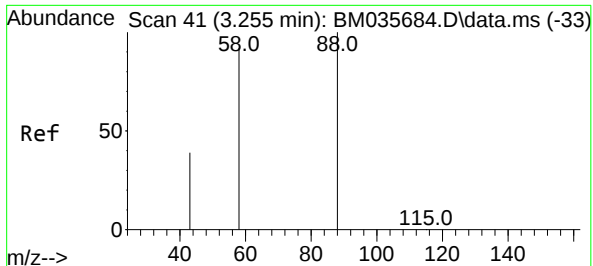
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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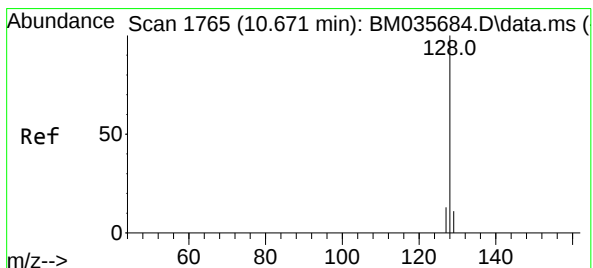
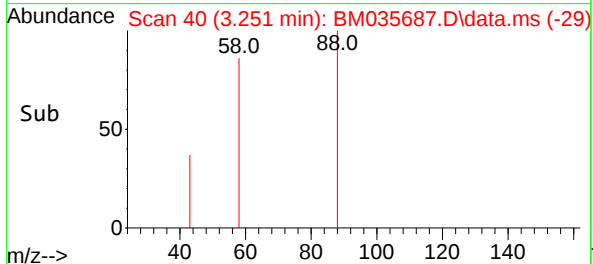
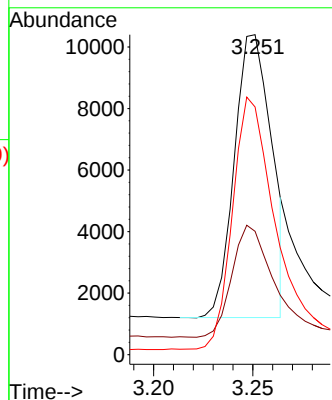
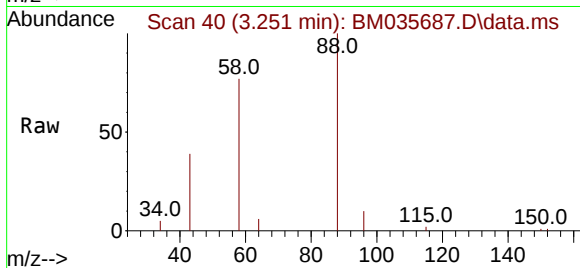




#2
1,4-Dioxane
Concen: 2.479 ng/ul
RT: 3.251 min Scan# 40
Delta R.T. -0.004 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

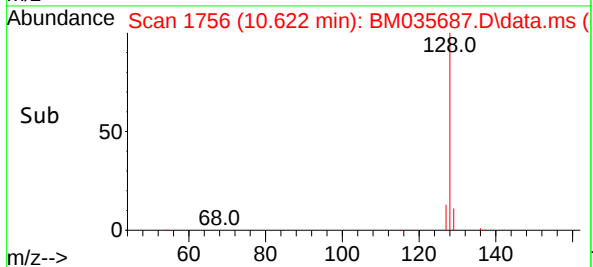
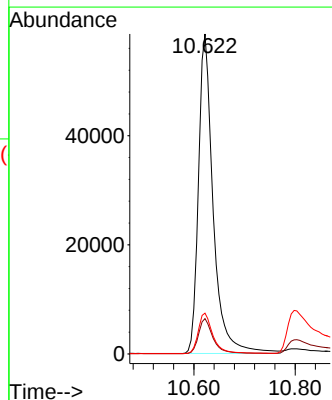
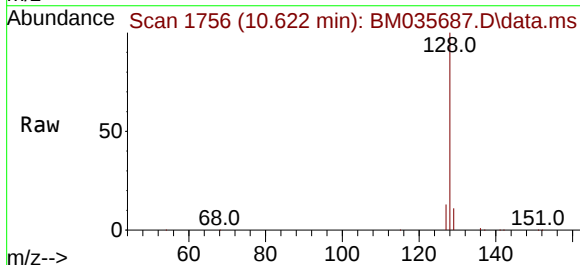
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

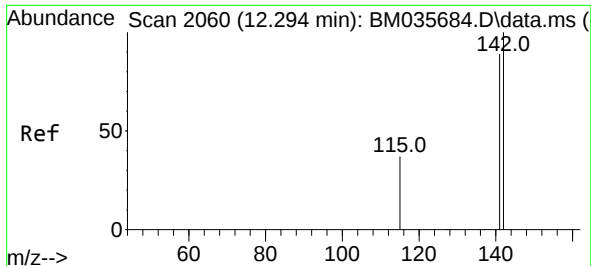
Tgt Ion: 88 Resp: 12020
Ion Ratio Lower Upper
88 100
43 38.6 37.8 56.6
58 77.4 42.6 63.8#



#5
Naphthalene
Concen: 2.563 ng/ul
RT: 10.622 min Scan# 1756
Delta R.T. -0.050 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion: 128 Resp: 118254
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.8 11.7 17.5

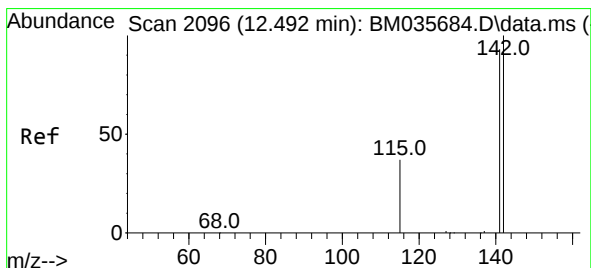
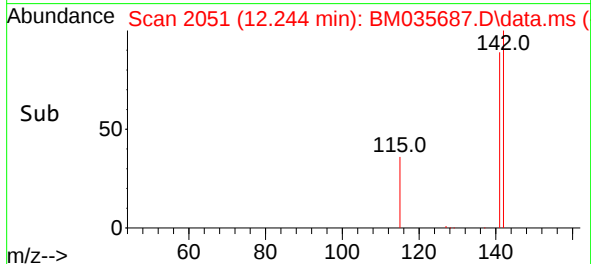
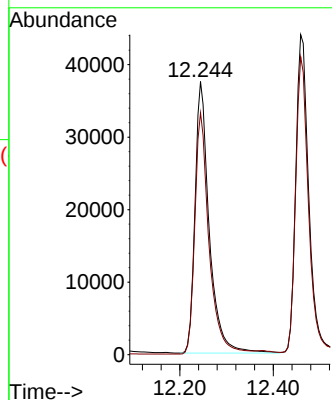
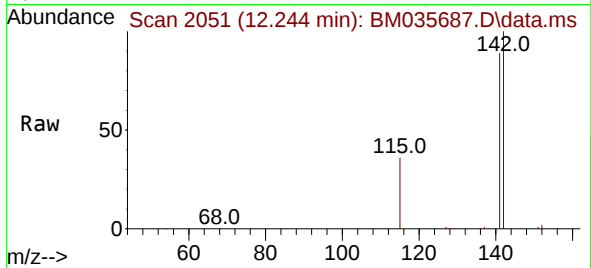




#7
2-Methylnaphthalene
Concen: 3.017 ng/ul
RT: 12.244 min Scan# 2060
Delta R.T. -0.050 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

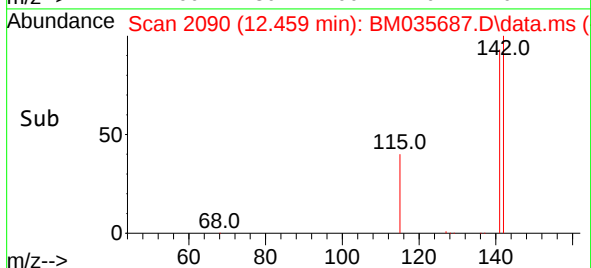
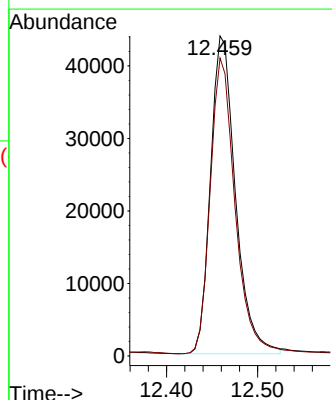
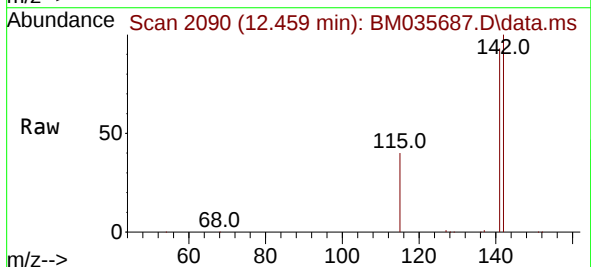
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

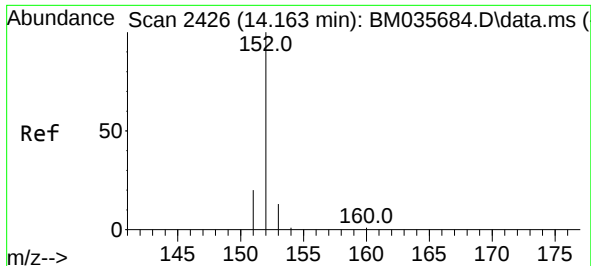
Tgt Ion:142 Resp: 79506
Ion Ratio Lower Upper
142 100
141 90.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 3.449 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.033 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion:142 Resp: 83495
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1

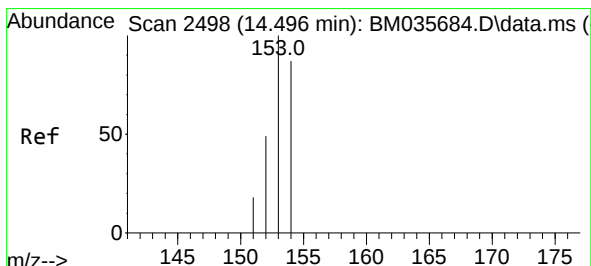
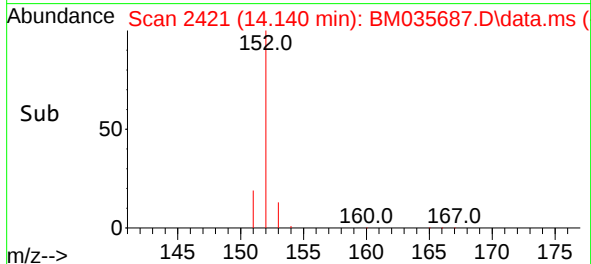
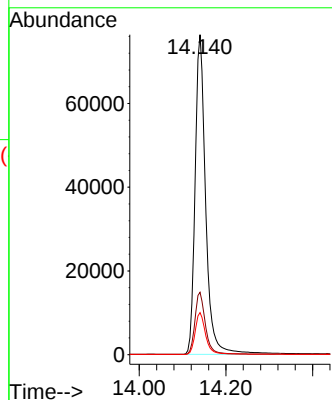
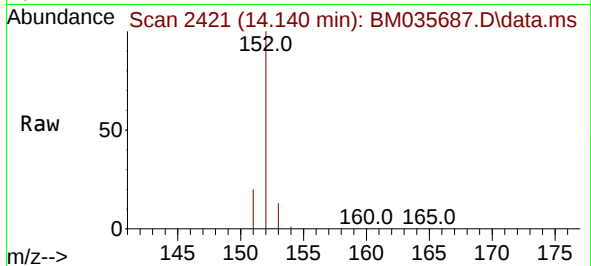




#10
Acenaphthylene
Concen: 2.893 ng/ul
RT: 14.140 min Scan# 2421
Delta R.T. -0.023 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

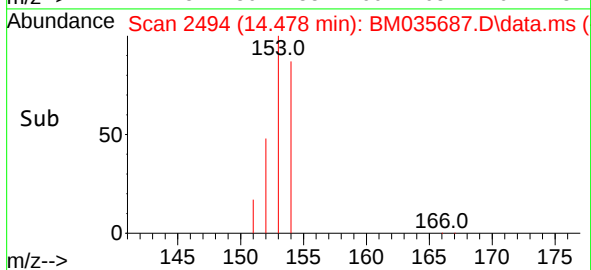
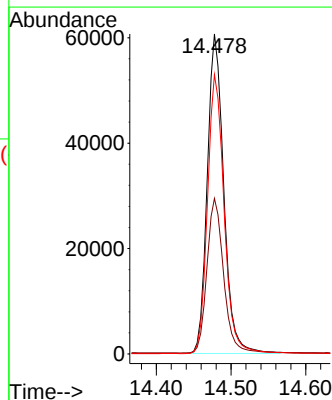
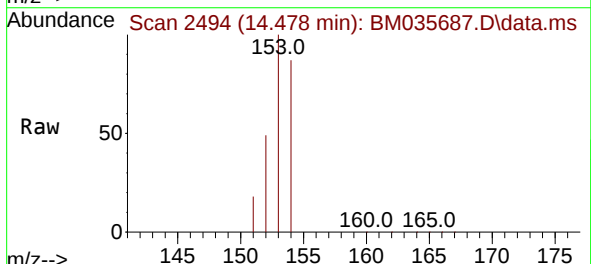
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ClientSampleId :
SSTD3.2006

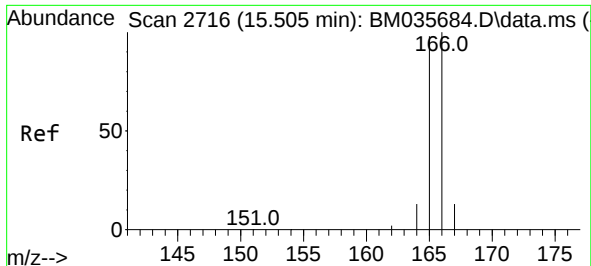
Tgt Ion:152 Resp: 129119
Ion Ratio Lower Upper
152 100
151 19.5 16.6 24.8
153 13.2 11.4 17.0



#11
Acenaphthene
Concen: 2.813 ng/ul
RT: 14.478 min Scan# 2494
Delta R.T. -0.019 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion:153 Resp: 92988
Ion Ratio Lower Upper
153 100
152 48.6 40.2 60.4
154 87.3 69.7 104.5

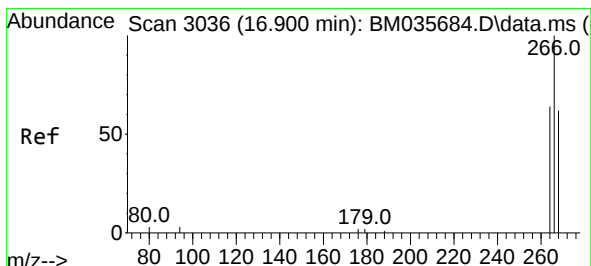
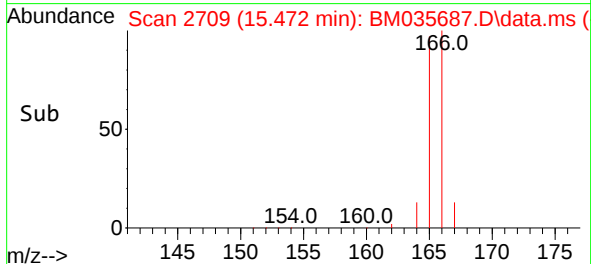
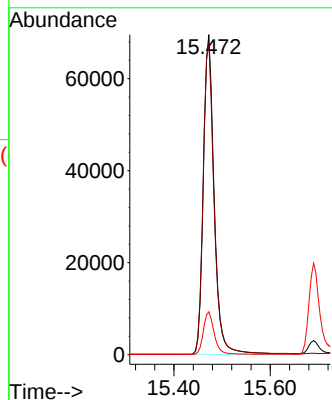
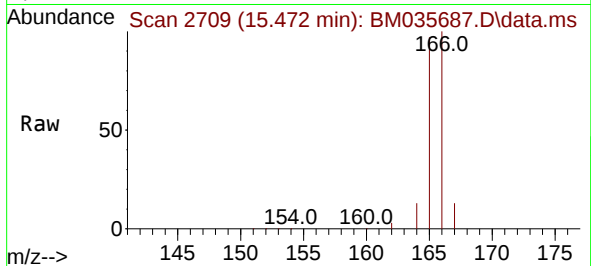




#12
Fluorene
Concen: 2.911 ng/ul
RT: 15.472 min Scan# 21
Delta R.T. -0.032 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

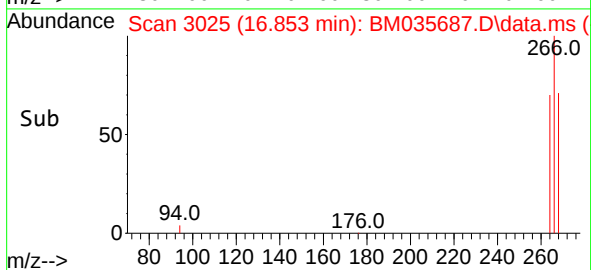
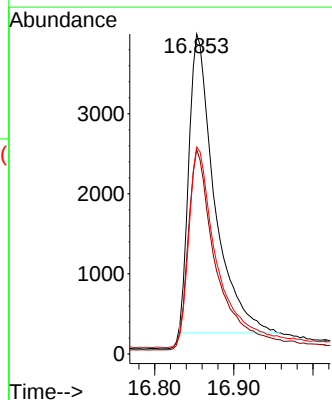
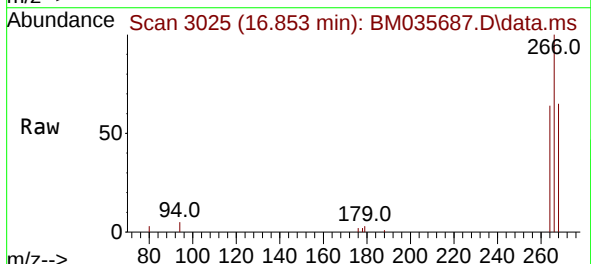
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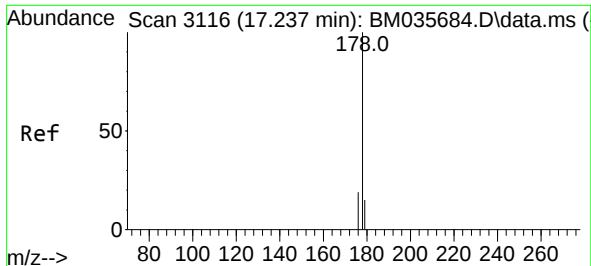
Tgt Ion:166 Resp: 108823
Ion Ratio Lower Upper
166 100
165 97.4 78.9 118.3
167 13.4 11.3 16.9



#14
Pentachlorophenol
Concen: 2.558 ng/ul
RT: 16.853 min Scan# 3025
Delta R.T. -0.047 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion:266 Resp: 8323
Ion Ratio Lower Upper
266 100
264 62.3 50.3 75.5
268 63.3 53.5 80.3

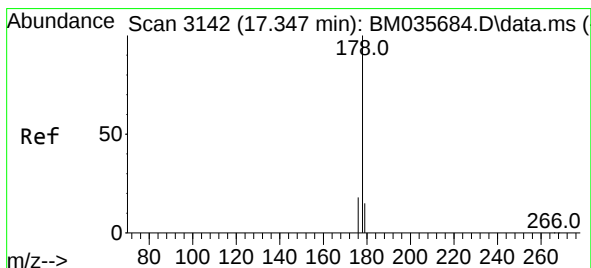
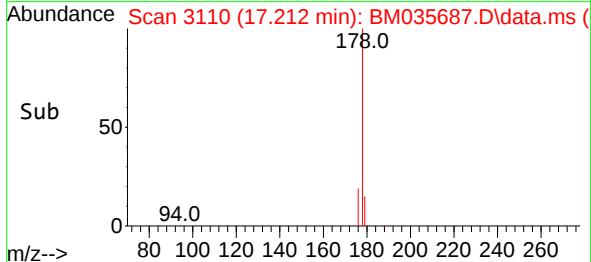
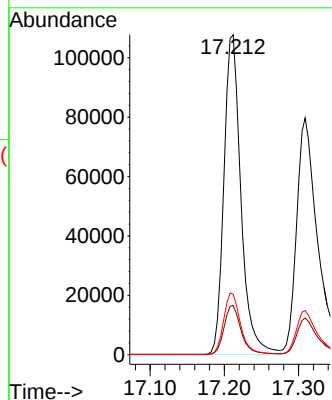
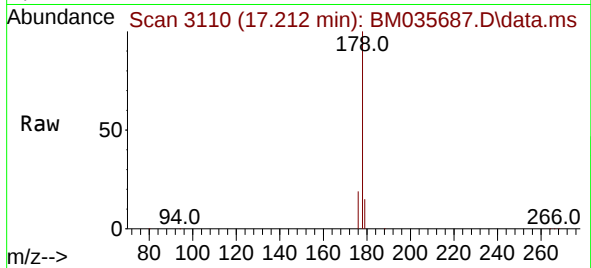




#15
Phenanthrene
Concen: 2.758 ng/ul
RT: 17.212 min Scan# 3110
Delta R.T. -0.025 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

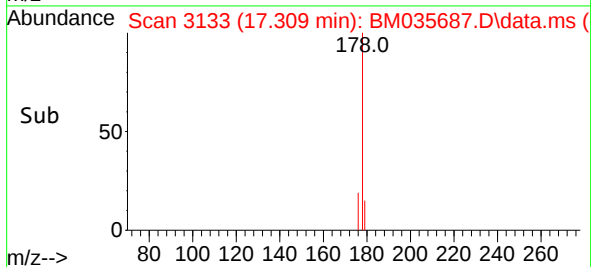
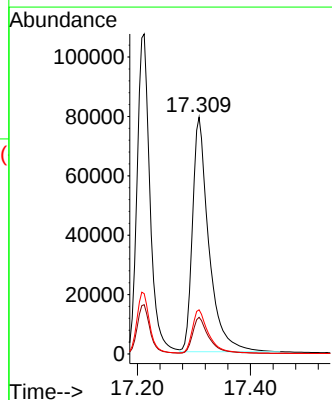
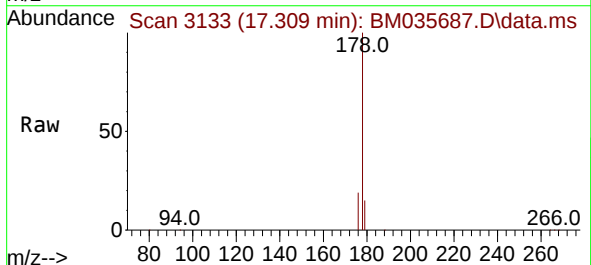
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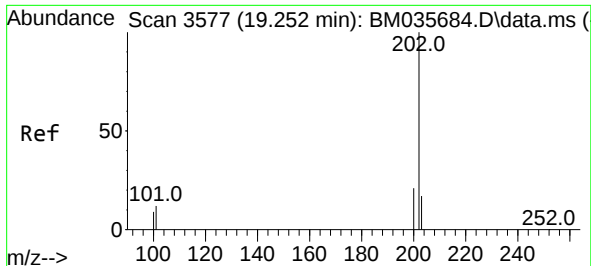
Tgt Ion:178 Resp: 171564
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 18.8 15.6 23.4



#16
Anthracene
Concen: 2.918 ng/ul
RT: 17.309 min Scan# 3133
Delta R.T. -0.038 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion:178 Resp: 158851
Ion Ratio Lower Upper
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179 15.5 13.6 20.4
176 18.7 15.6 23.4

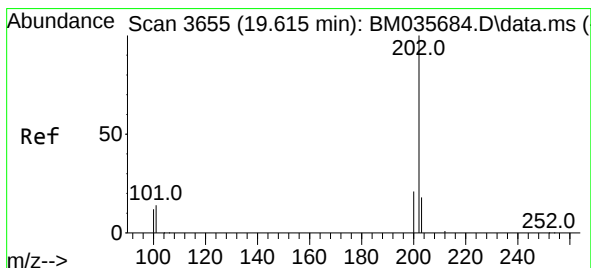
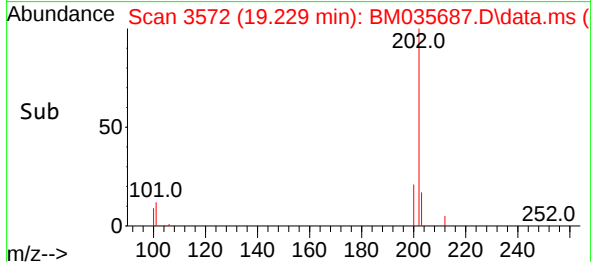
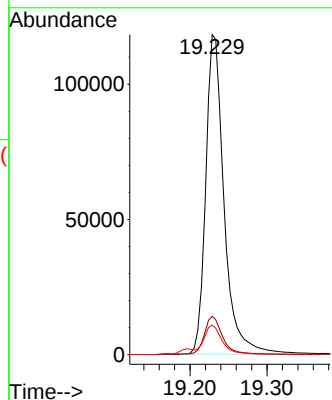
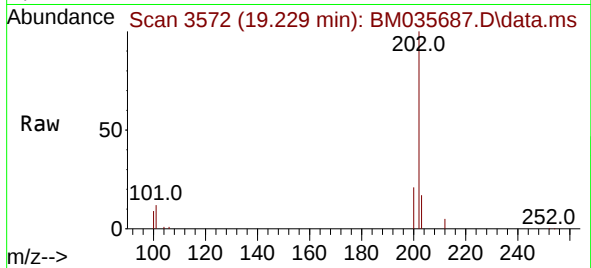




#19
Fluoranthene
Concen: 2.869 ng/ul
RT: 19.229 min Scan# 3572
Delta R.T. -0.023 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

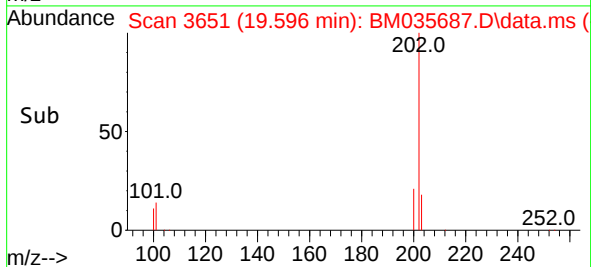
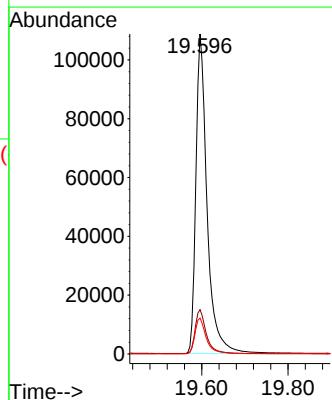
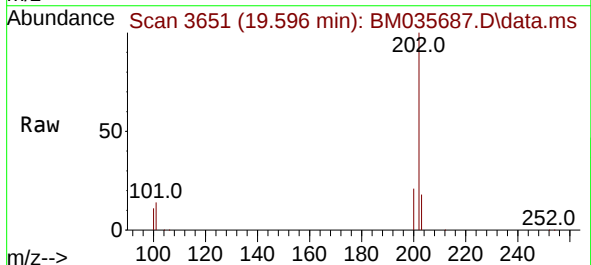
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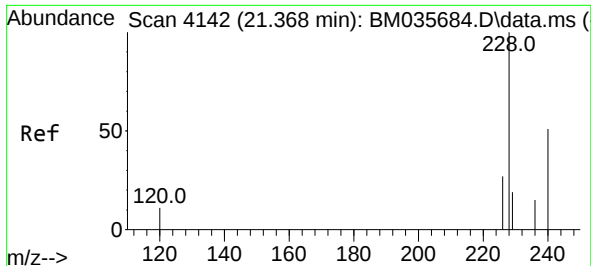
Tgt Ion:202 Resp: 195056
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.3 7.9 11.9



#20
Pyrene
Concen: 2.739 ng/ul
RT: 19.596 min Scan# 3651
Delta R.T. -0.019 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion:202 Resp: 195195
Ion Ratio Lower Upper
202 100
101 13.8 12.0 18.0
100 11.2 9.8 14.6

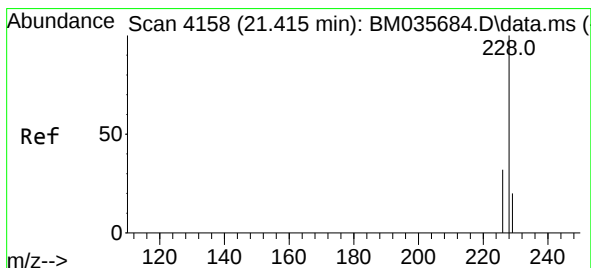
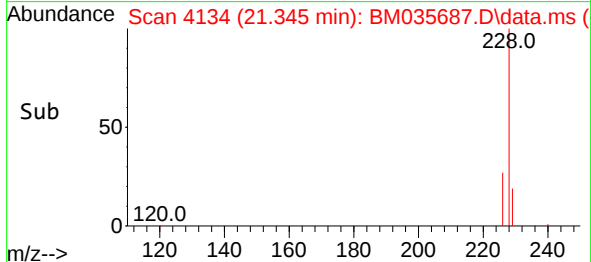
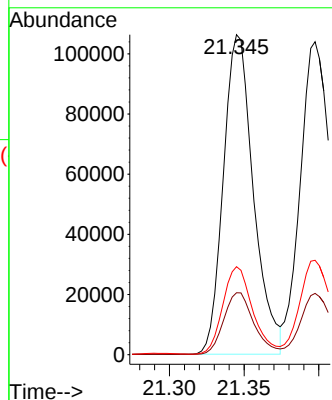
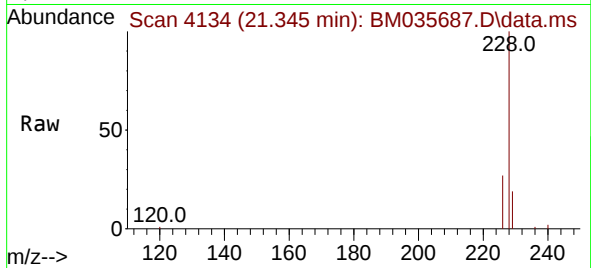




#21
Benzo(a)anthracene
Concen: 2.960 ng/ul
RT: 21.345 min Scan# 4113
Delta R.T. -0.023 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

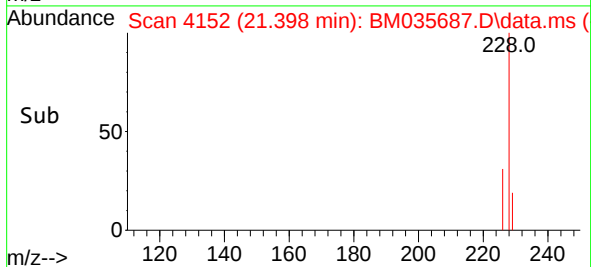
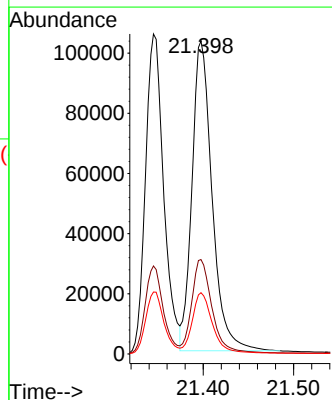
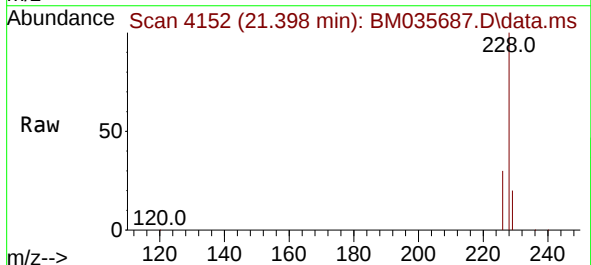
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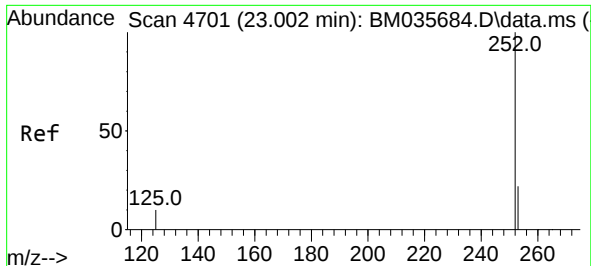
Tgt Ion:228 Resp: 148848
Ion Ratio Lower Upper
228 100
229 19.4 16.2 24.2
226 27.5 22.5 33.7



#22
Chrysene
Concen: 2.661 ng/ul
RT: 21.398 min Scan# 4152
Delta R.T. -0.018 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

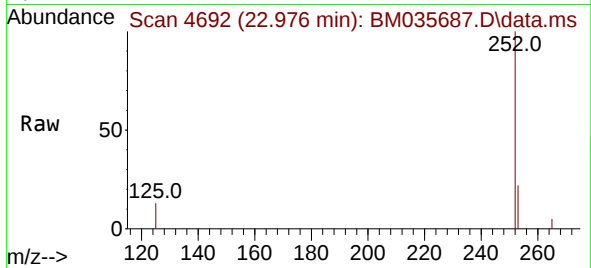
Tgt Ion:228 Resp: 159221
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.6 16.4 24.6



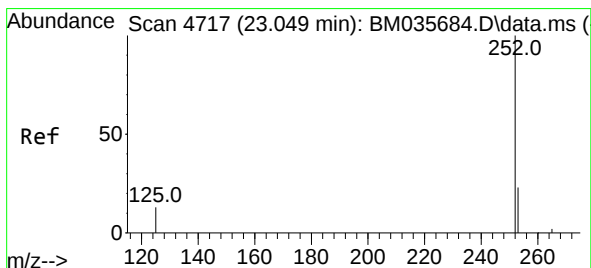
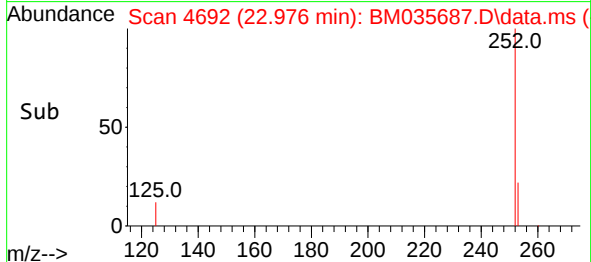
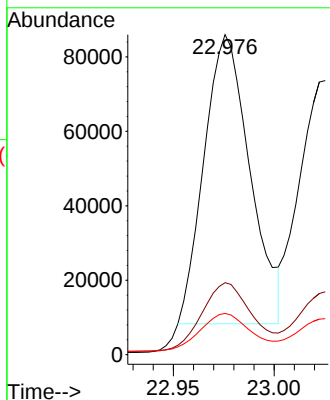


#24
Benzo(b)fluoranthene
Concen: 2.638 ng/ul
RT: 22.976 min Scan# 4700
Delta R.T. -0.026 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

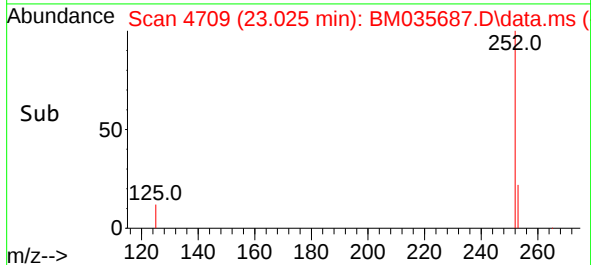
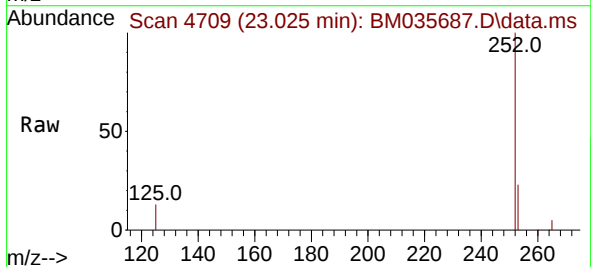
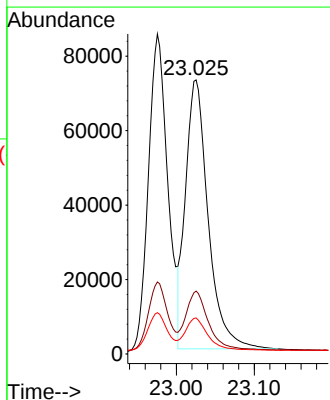


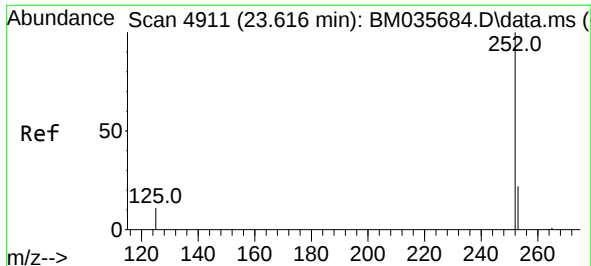
Tgt Ion:252 Resp: 122502
Ion Ratio Lower Upper
252 100
253 22.5 0.0 61.4
125 12.9 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 3.030 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. -0.023 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion:252 Resp: 145996
Ion Ratio Lower Upper
252 100
253 22.9 25.2 37.8#
125 13.1 18.3 27.5#

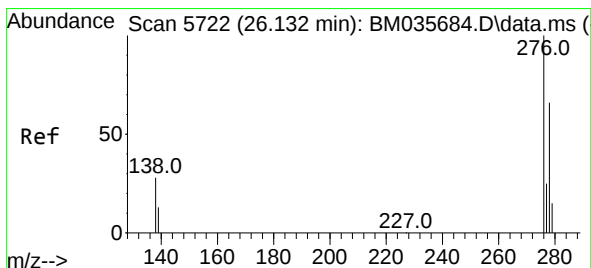
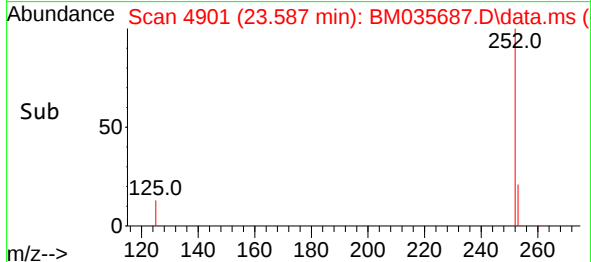
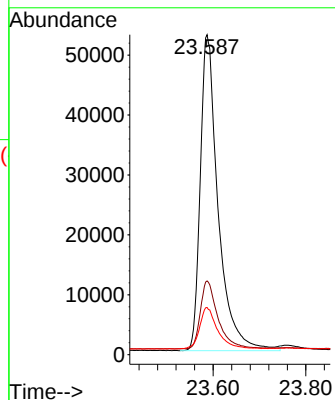
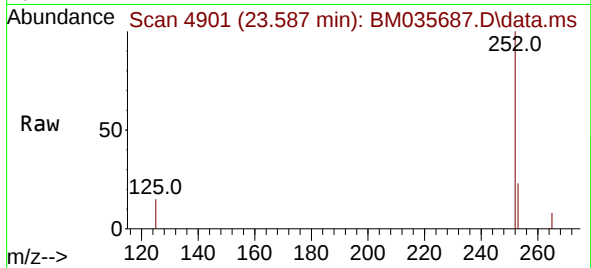




#26
Benzo(a)pyrene
Concen: 2.931 ng/ul
RT: 23.587 min Scan# 4911
Delta R.T. -0.029 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

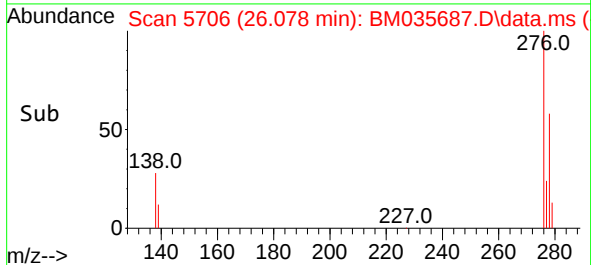
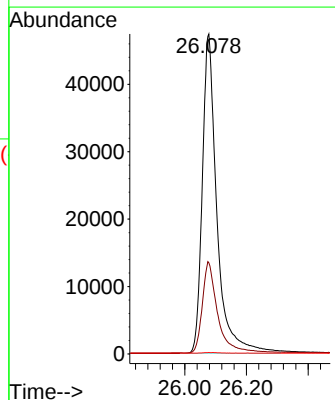
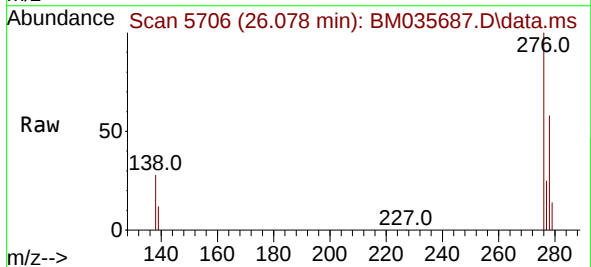
Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

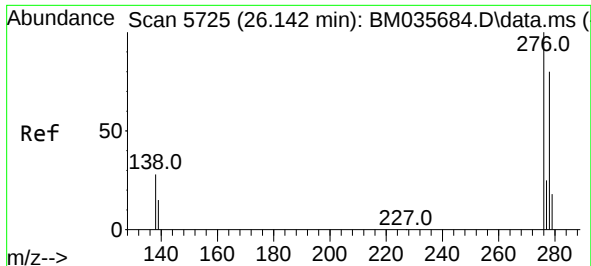
Tgt Ion:252 Resp: 141169
Ion Ratio Lower Upper
252 100
253 23.0 29.7 44.5#
125 14.8 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.817 ng/ul
RT: 26.078 min Scan# 5706
Delta R.T. -0.054 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion:276 Resp: 156254
Ion Ratio Lower Upper
276 100
138 30.0 23.9 35.9
227 0.2 0.1 0.1#

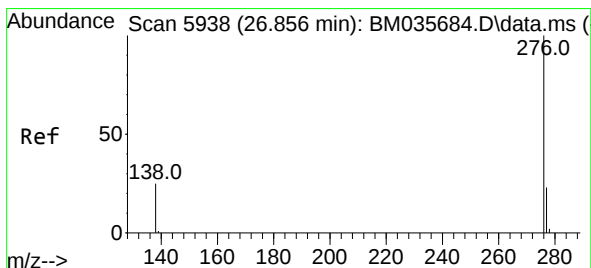
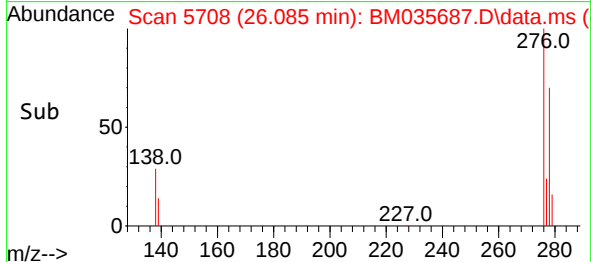
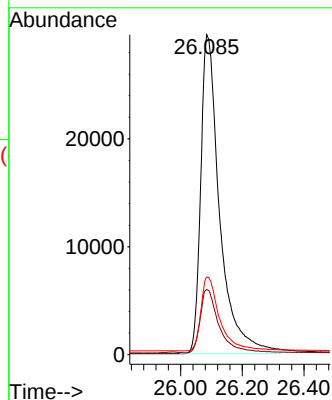
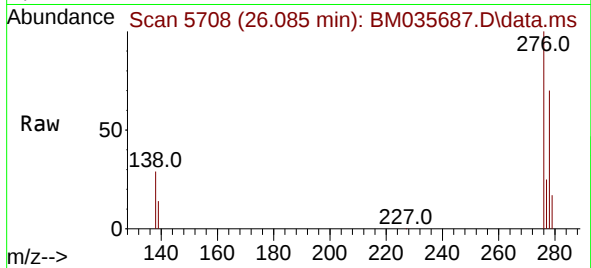




#28
Dibenzo(a,h)anthracene
Concen: 2.791 ng/ul
RT: 26.085 min Scan# 51
Delta R.T. -0.057 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:278 Resp: 126412
Ion Ratio Lower Upper
278 100
139 20.4 19.8 29.6
279 24.3 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 2.751 ng/ul
RT: 26.812 min Scan# 5925
Delta R.T. -0.044 min
Lab File: BM035687.D
Acq: 25 Jun 2022 15:01

Tgt Ion:276 Resp: 136626
Ion Ratio Lower Upper
276 100
138 26.3 23.4 35.0
277 23.9 21.0 31.4

