

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
 Data File : BM036454.D
 Acq On : 29 Aug 2022 15:13
 Operator : CG/JU
 Sample : SST0.463
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4017

Quant Time: Aug 29 16:18:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:16:27 2022
 Response via : Initial Calibration

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

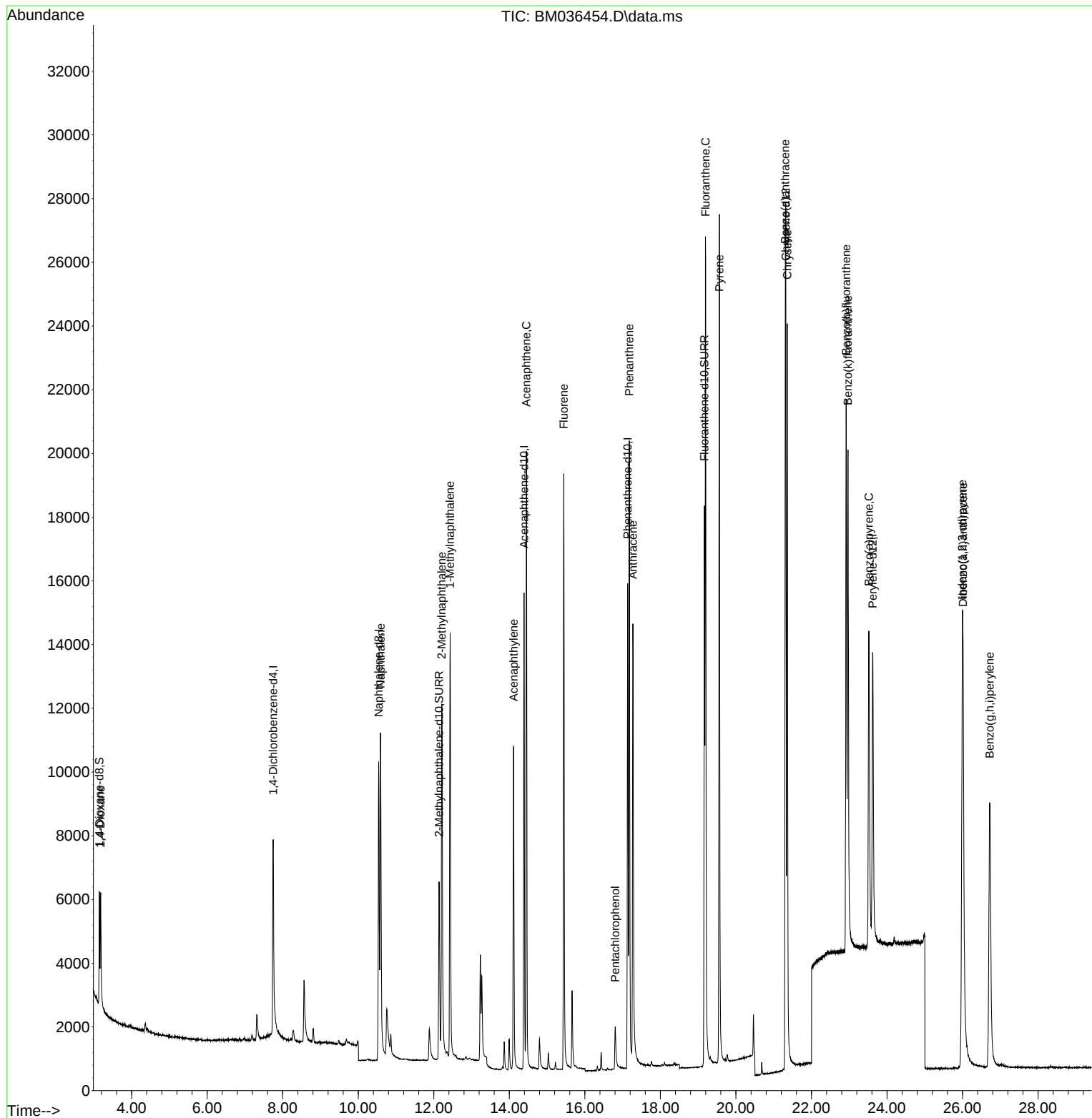
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3999	0.400	ng/ul	0.00
4) Naphthalene-d8	10.541	136	14971	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.391	164	8410	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.133	188	18559	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	16811	0.400	ng/ul #	0.00
23) Perylene-d12	23.621	264	14159	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2411	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.141	152	9464	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.165	212	20497	0.987	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	2162	0.425	ng/ul	93
5) Naphthalene	10.590	128	16255	0.385	ng/ul	97
7) 2-Methylnaphthalene	12.212	142	10094	0.399	ng/ul	93
8) 1-Methylnaphthalene	12.432	142	10278	0.400	ng/ul	100
10) Acenaphthylene	14.113	152	12810	0.368	ng/ul	99
11) Acenaphthene	14.451	153	11368	0.404	ng/ul	99
12) Fluorene	15.441	166	12827	0.389	ng/ul	98
14) Pentachlorophenol	16.803	266	1322	0.360	ng/ul	99
15) Phenanthrene	17.175	178	21685	0.327	ng/ul	99
16) Anthracene	17.272	178	18373	0.349	ng/ul	99
19) Fluoranthene	19.197	202	23549	0.401	ng/ul	98
20) Pyrene	19.560	202	24357	0.399	ng/ul	99
21) Benzo(a)anthracene	21.306	228	20068	0.288	ng/ul	99
22) Chrysene	21.359	228	22662	0.237	ng/ul	99
24) Benzo(b)fluoranthene	22.919	252	22009	0.214	ng/ul	92
25) Benzo(k)fluoranthene	22.966	252	22021	0.212	ng/ul#	89
26) Benzo(a)pyrene	23.519	252	17815	0.273	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.993	276	21274	0.432	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.014	278	18265	0.437	ng/ul#	90
29) Benzo(g,h,i)perylene	26.718	276	20463	0.459	ng/ul	97

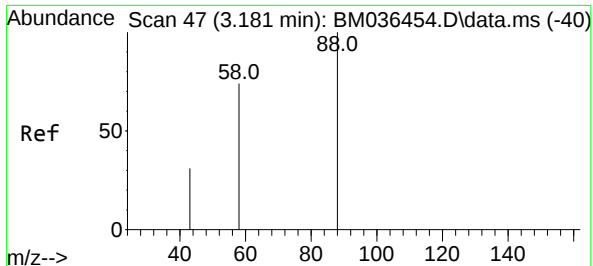
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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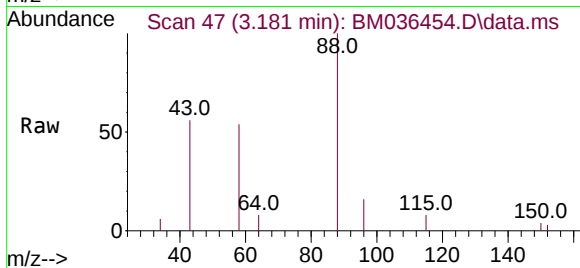
Quant Time: Aug 29 16:18:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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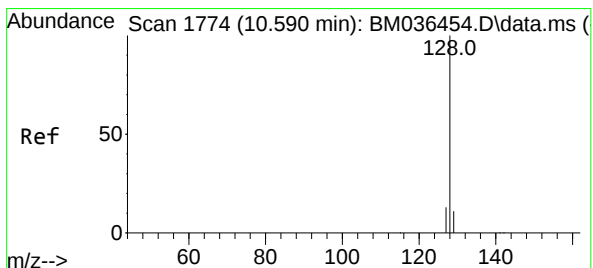
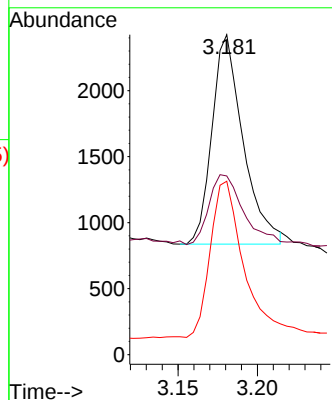
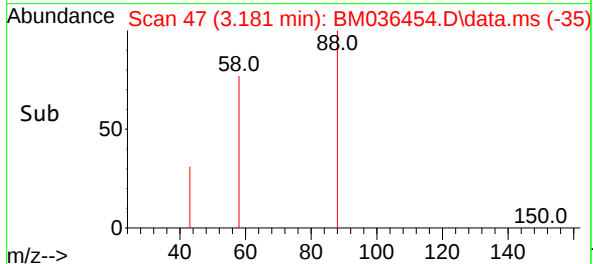


#2
1,4-Dioxane
Concen: 0.425 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

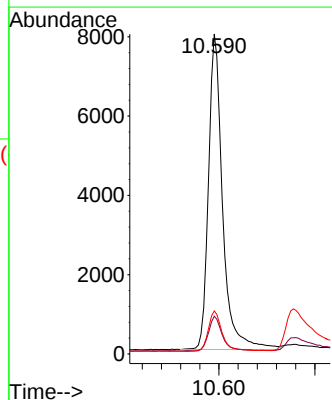
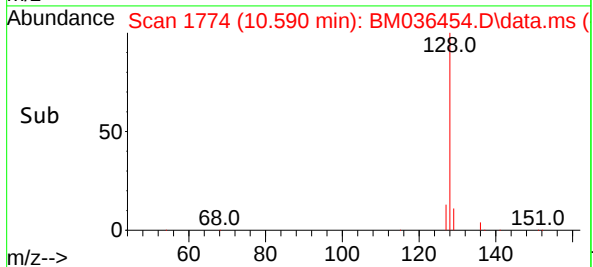
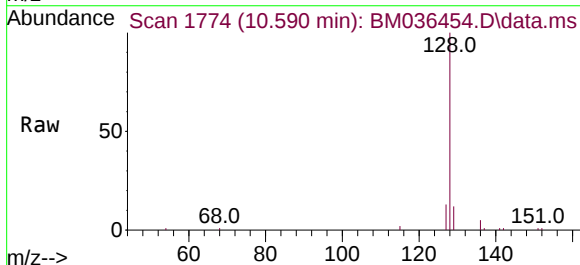


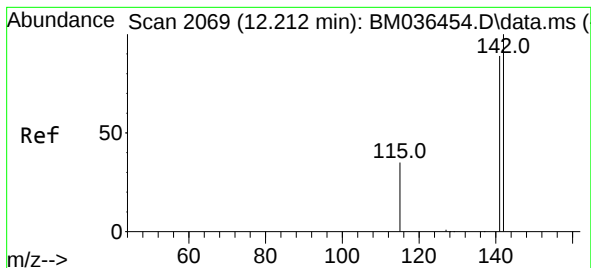
Tgt Ion:	88	Resp:	2162
Ion Ratio	Lower	Upper	
88	100		
43	55.9	37.8	56.6
58	54.2	42.6	63.8



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.590 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Tgt Ion:	128	Resp:	16255
Ion Ratio	Lower	Upper	
128	100		
129	11.8	10.2	15.2
127	13.4	11.7	17.5

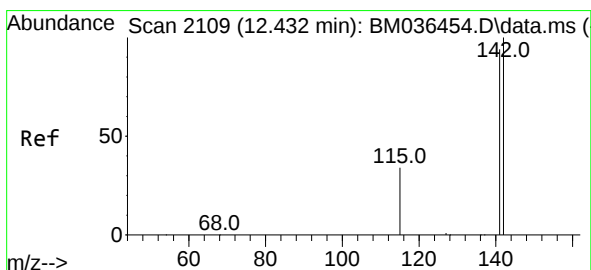
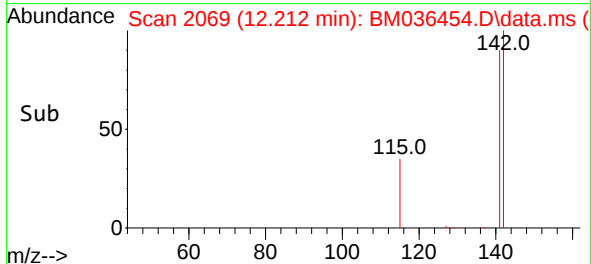
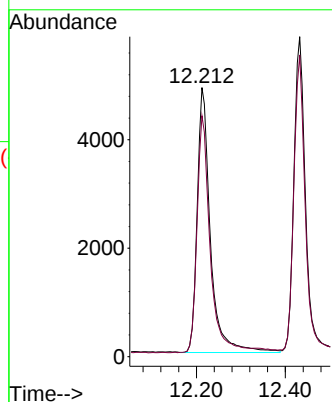
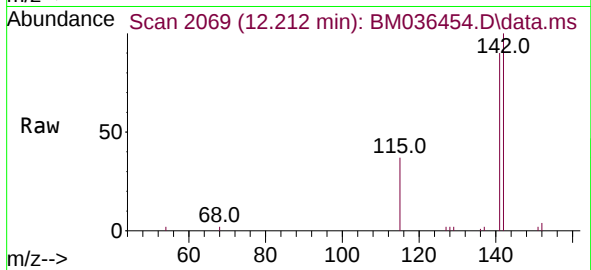




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

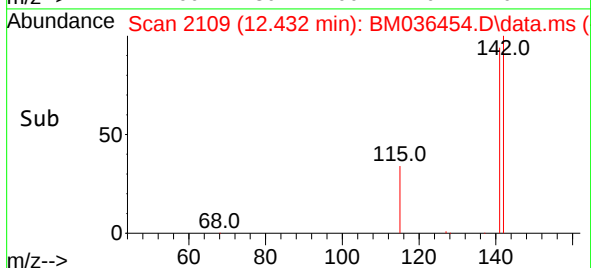
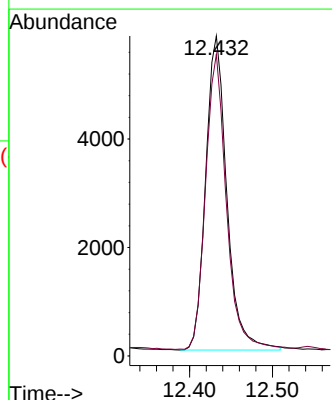
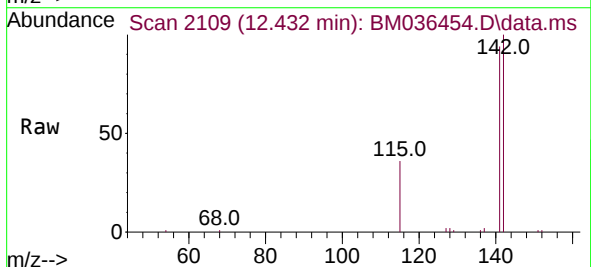
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

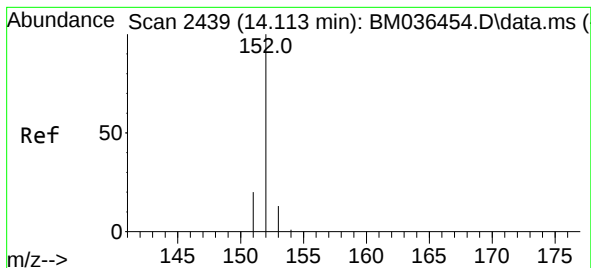
Tgt Ion:142 Resp: 10094
Ion Ratio Lower Upper
142 100
141 90.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.432 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Tgt Ion:142 Resp: 10278
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1





#10

Acenaphthylene

Concen: 0.368 ng/ul

RT: 14.113 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BM036454.D

Acq: 29 Aug 2022 15:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.4017

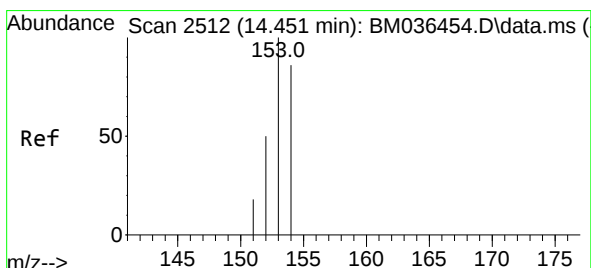
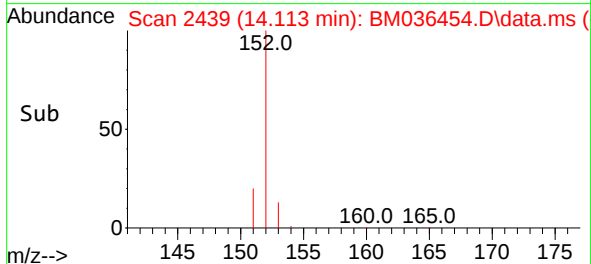
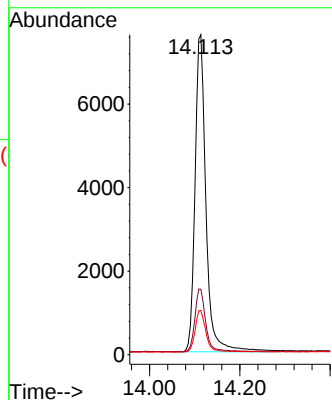
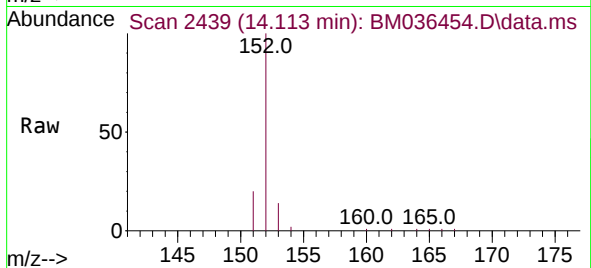
Tgt Ion:152 Resp: 12810

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 13.8 11.4 17.0



#11

Acenaphthene

Concen: 0.404 ng/ul

RT: 14.451 min Scan# 2512

Delta R.T. 0.000 min

Lab File: BM036454.D

Acq: 29 Aug 2022 15:13

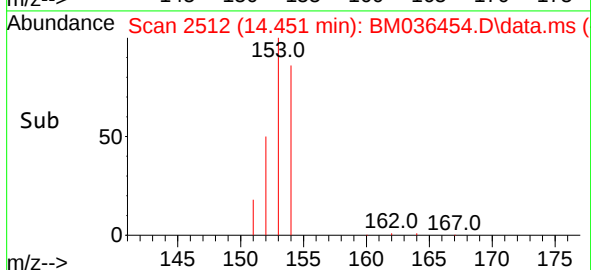
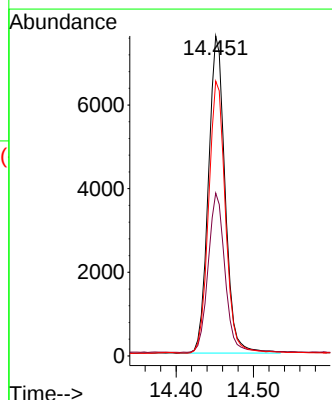
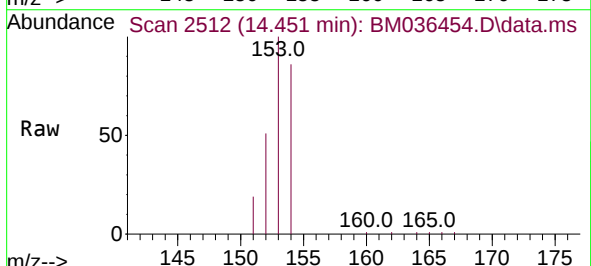
Tgt Ion:153 Resp: 11368

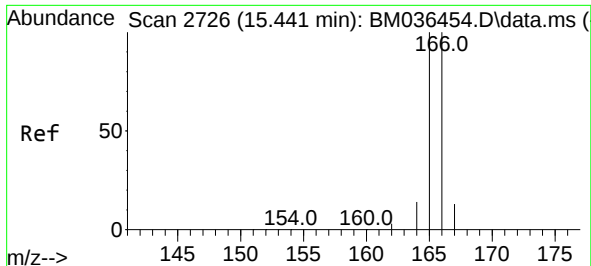
Ion Ratio Lower Upper

153 100

152 50.9 40.2 60.4

154 85.9 69.7 104.5

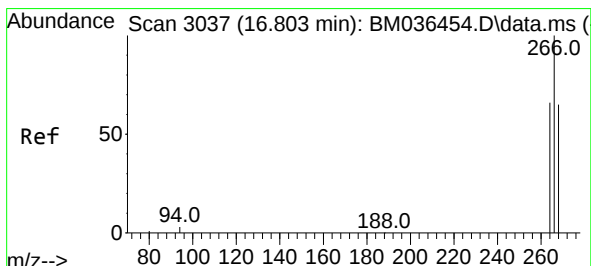
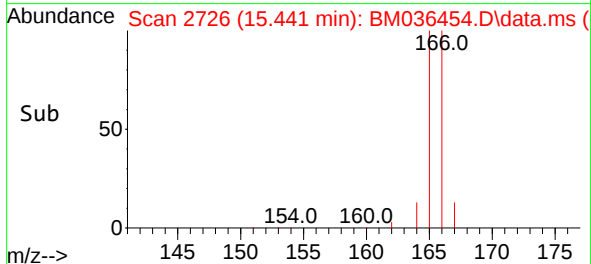
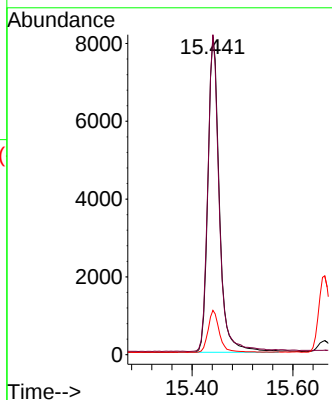
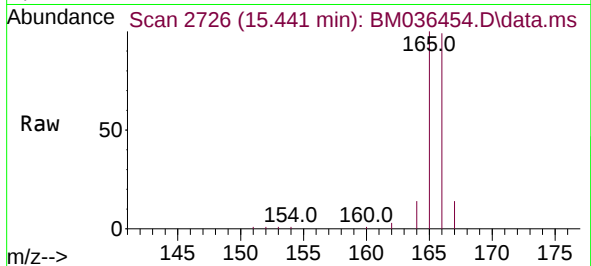




#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

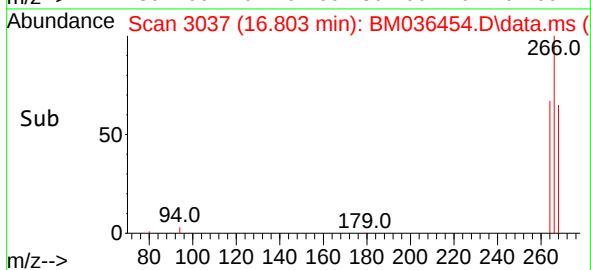
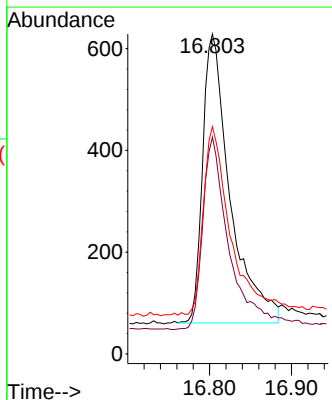
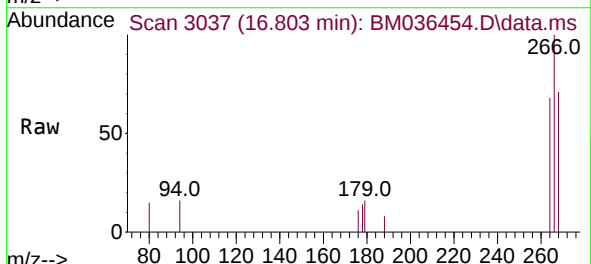
Instrument :
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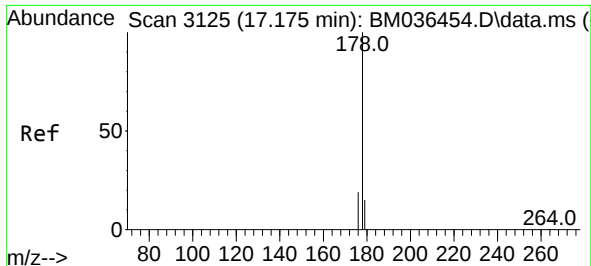
Tgt Ion:166 Resp: 12827
Ion Ratio Lower Upper
166 100
165 100.6 78.9 118.3
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.360 ng/ul
RT: 16.803 min Scan# 3037
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Tgt Ion:266 Resp: 1322
Ion Ratio Lower Upper
266 100
264 63.2 50.3 75.5
268 64.9 53.5 80.3

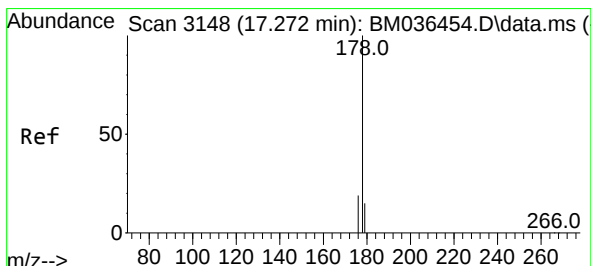
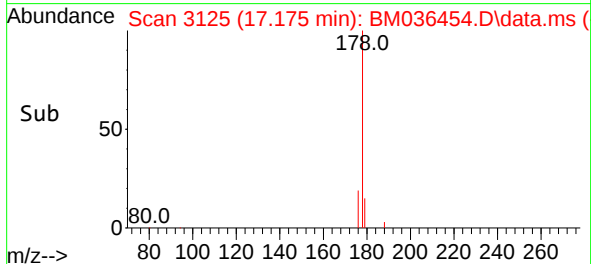
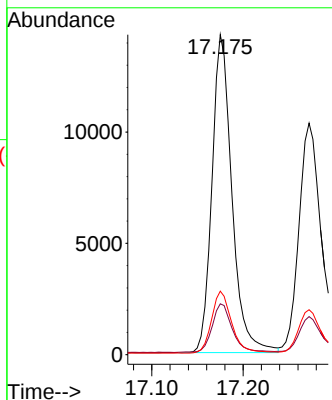
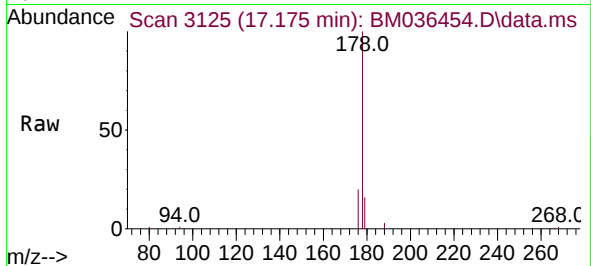




#15
Phenanthrene
Concen: 0.327 ng/u1
RT: 17.175 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

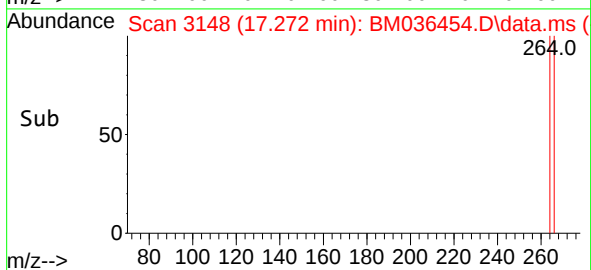
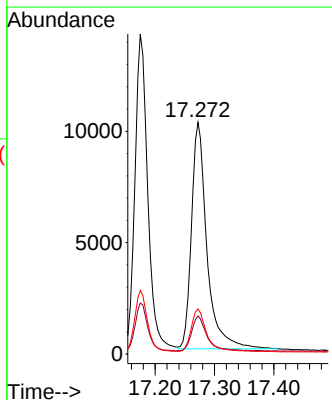
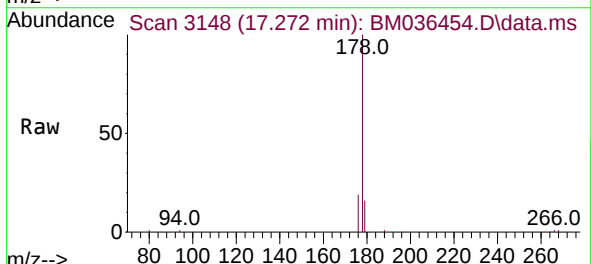
Instrument :
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ClientSampleId :
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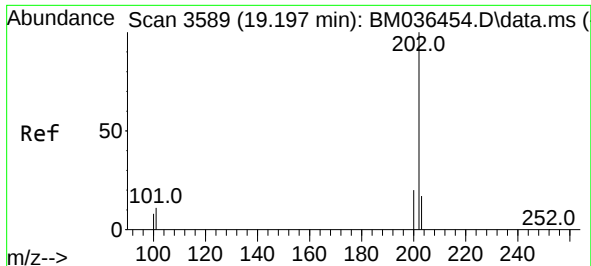
Tgt Ion:	178	Resp:	21685
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	19.9	15.6	23.4



#16
Anthracene
Concen: 0.349 ng/u1
RT: 17.272 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Tgt Ion:	178	Resp:	18373
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.6	20.4
176	19.4	15.6	23.4

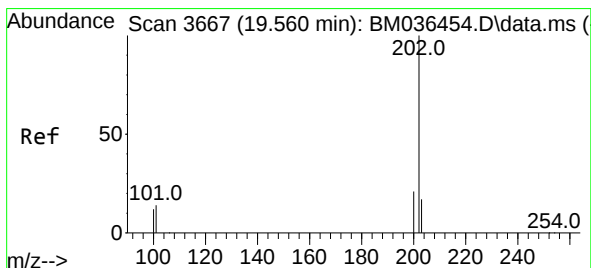
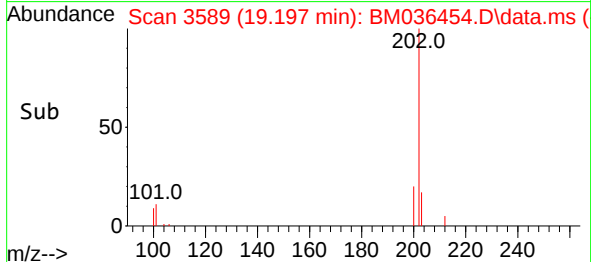
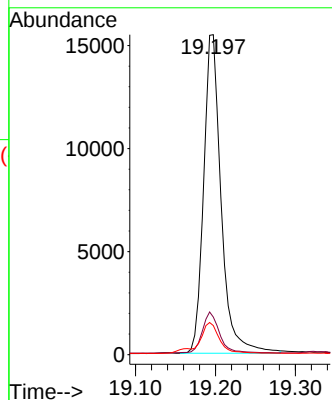
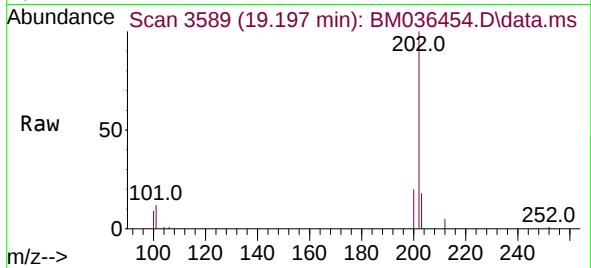




#19
Fluoranthene
Concen: 0.401 ng/u1
RT: 19.197 min Scan# 3589
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

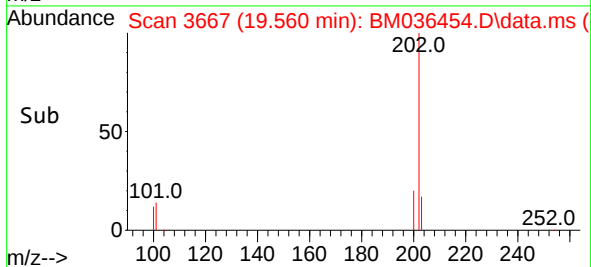
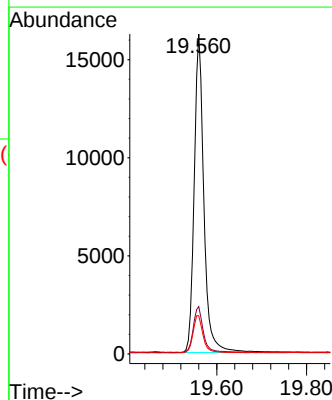
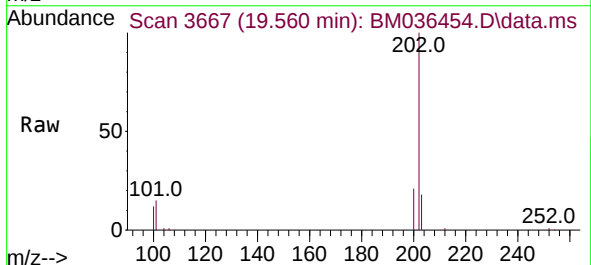
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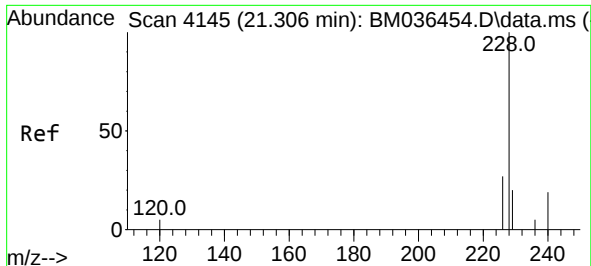
Tgt Ion:202 Resp: 23549
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.1 7.9 11.9



#20
Pyrene
Concen: 0.399 ng/u1
RT: 19.560 min Scan# 3667
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Tgt Ion:202 Resp: 24357
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.9 9.8 14.6

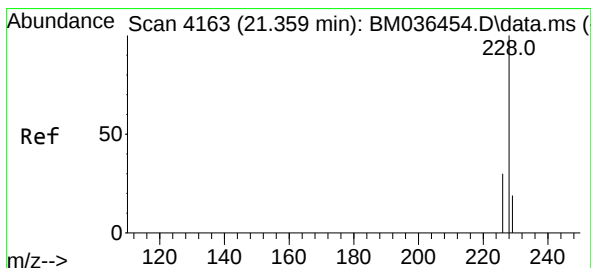
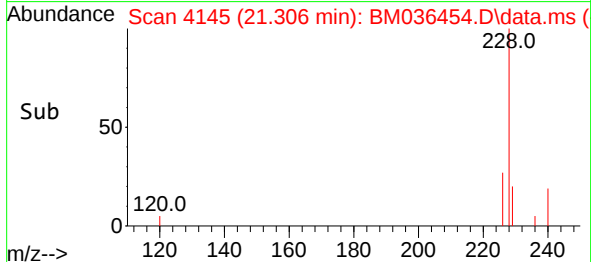
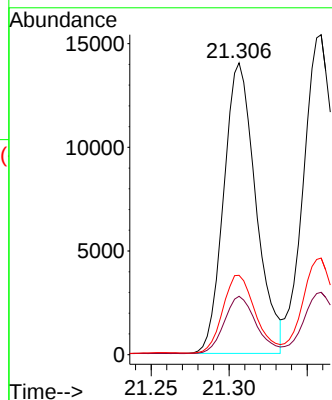
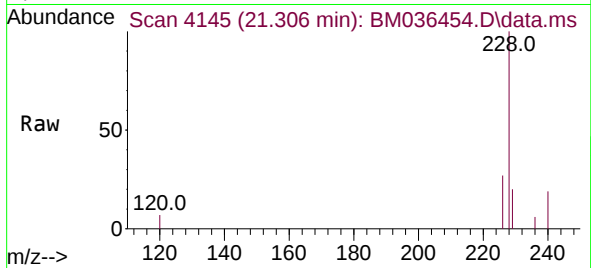




#21
Benzo(a)anthracene
Concen: 0.288 ng/u1
RT: 21.306 min Scan# 4145
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

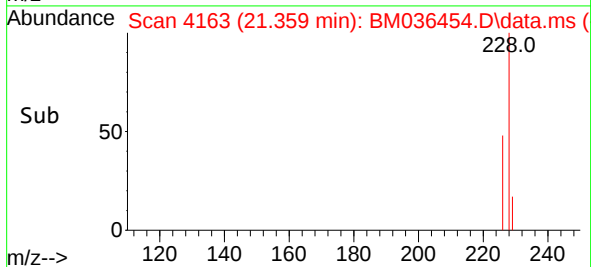
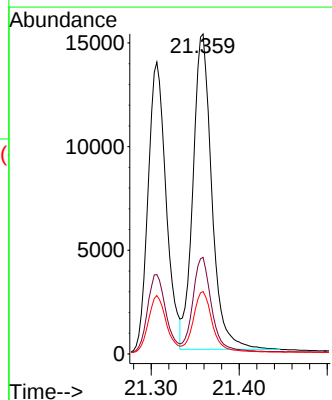
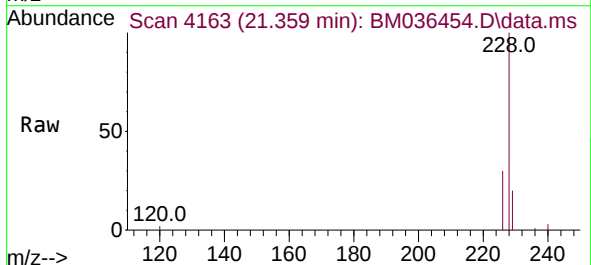
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

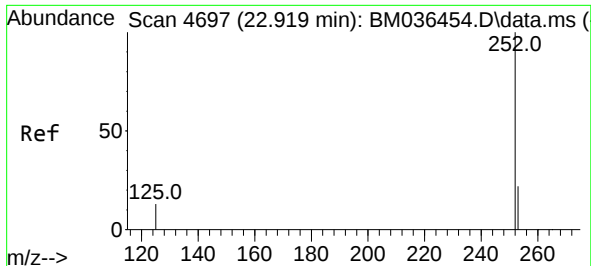
Tgt Ion:228 Resp: 20068
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.2 22.5 33.7



#22
Chrysene
Concen: 0.237 ng/u1
RT: 21.359 min Scan# 4163
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Tgt Ion:228 Resp: 22662
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 19.5 16.4 24.6

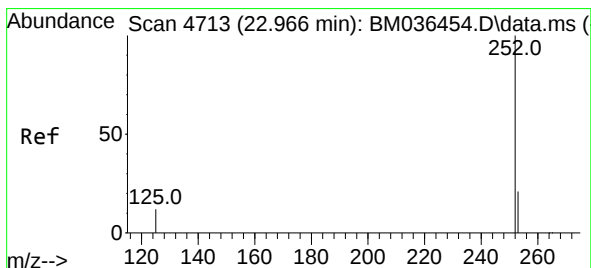
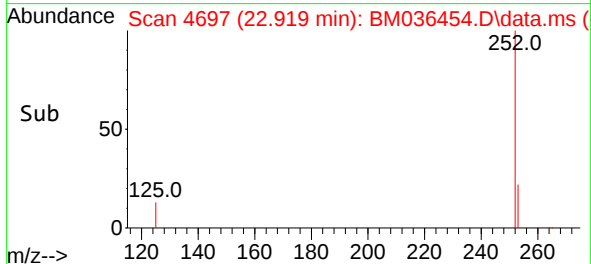
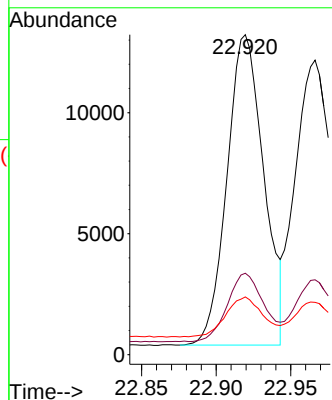
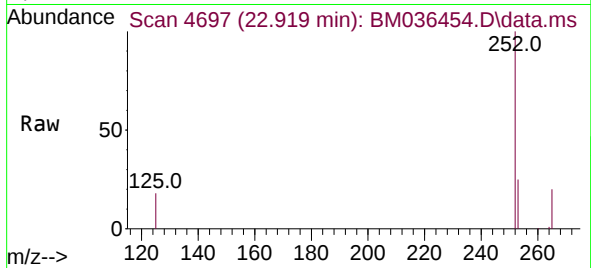




#24
Benzo(b)fluoranthene
Concen: 0.214 ng/ul
RT: 22.919 min Scan# 4697
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

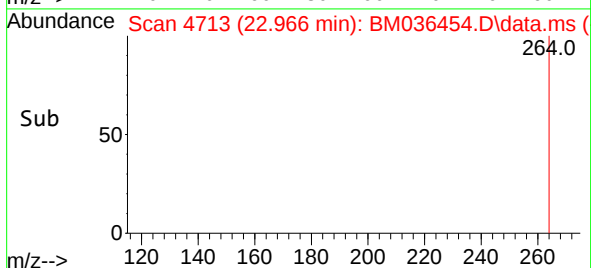
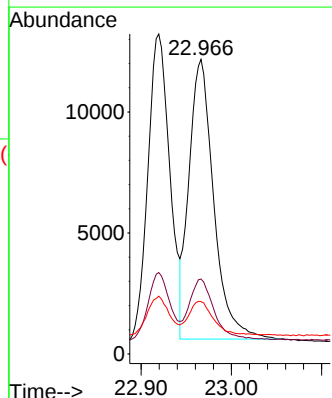
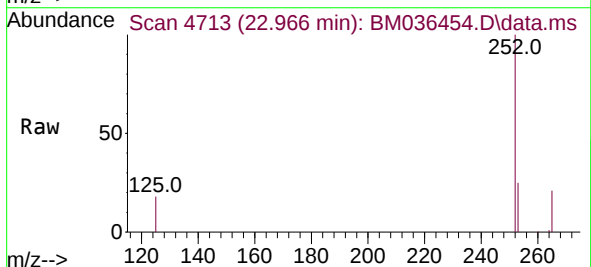
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

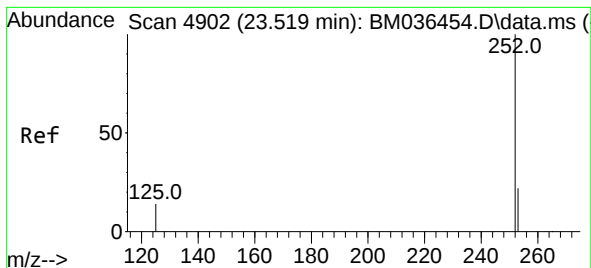
Tgt Ion:	252	Resp:	22009
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	61.4
125	18.0	0.0	42.6



#25
Benzo(k)fluoranthene
Concen: 0.212 ng/ul
RT: 22.966 min Scan# 4713
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Tgt Ion:	252	Resp:	22021
Ion Ratio	Lower	Upper	
252	100		
253	25.4	25.2	37.8
125	17.8	18.3	27.5





#26

Benzo(a)pyrene

Concen: 0.273 ng/ul

RT: 23.519 min Scan# 4902

Delta R.T. 0.000 min

Lab File: BM036454.D

Acq: 29 Aug 2022 15:13

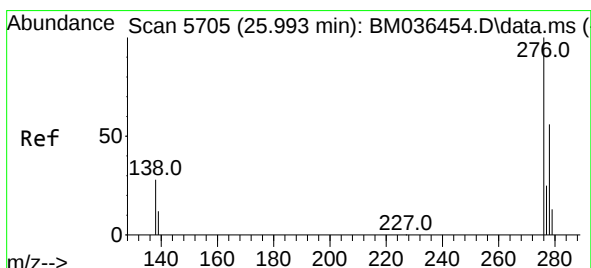
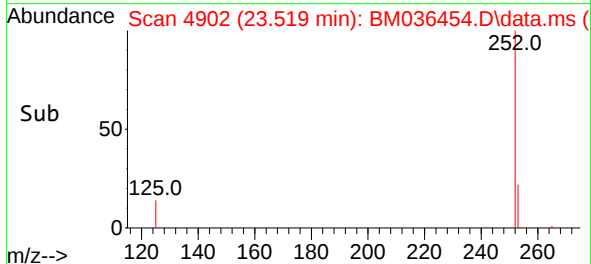
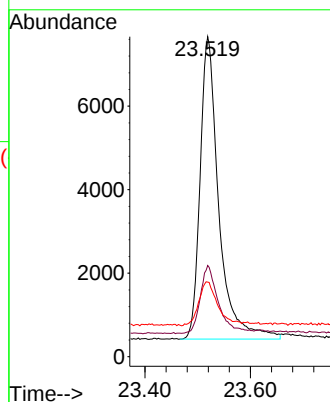
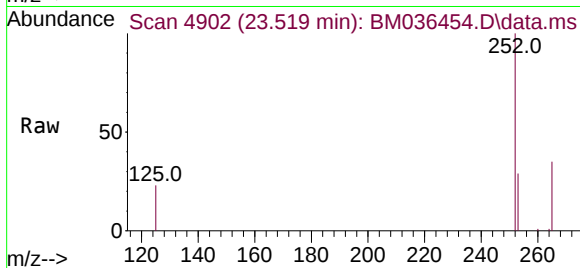
Instrument :

BNA_M

ClientSampleId :

SSTD0.4017

Tgt Ion:	252	Resp:	17815
Ion Ratio	Lower	Upper	
252	100		
253	28.5	29.7	44.5#
125	23.3	23.6	35.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.432 ng/ul

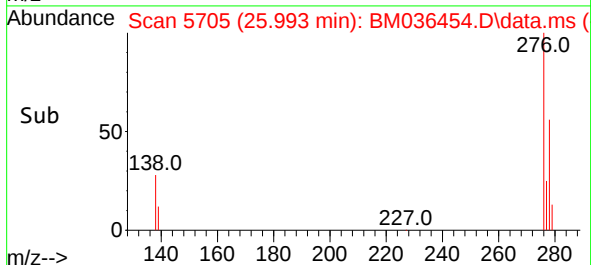
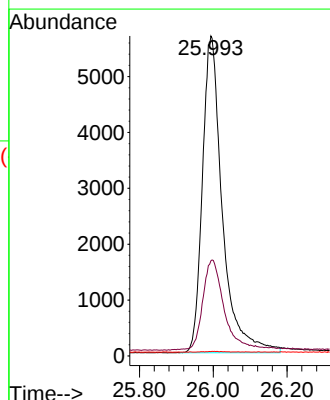
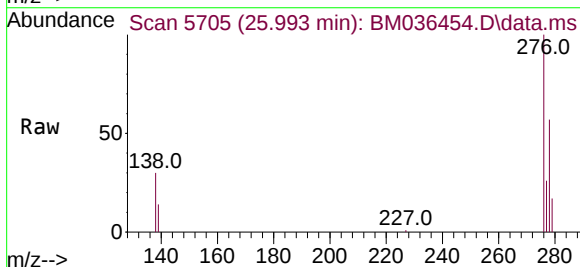
RT: 25.993 min Scan# 5705

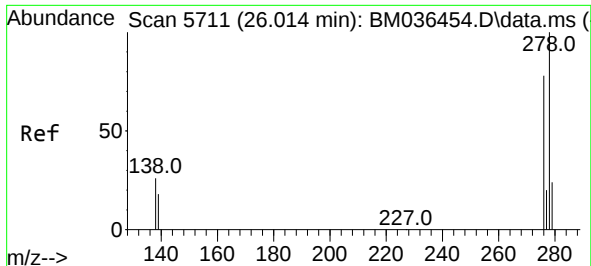
Delta R.T. 0.000 min

Lab File: BM036454.D

Acq: 29 Aug 2022 15:13

Tgt Ion:	276	Resp:	21274
Ion Ratio	Lower	Upper	
276	100		
138	30.4	23.9	35.9
227	0.0	0.1	0.1#

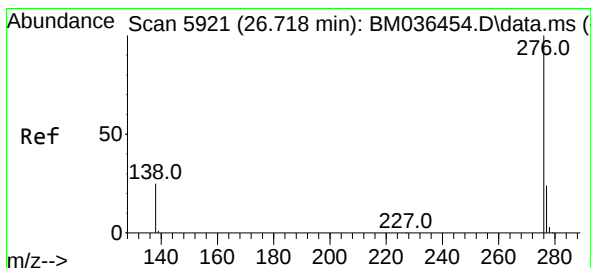
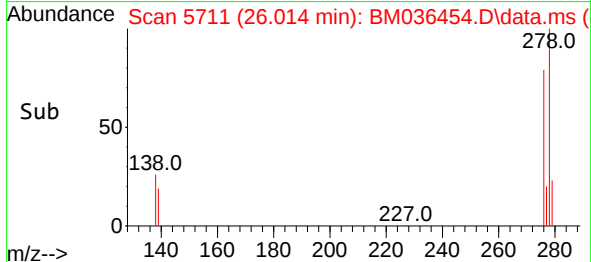
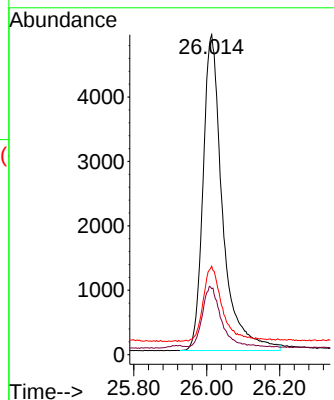
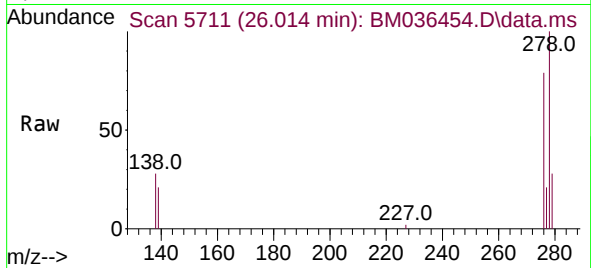




#28
Dibenzo(a,h)anthracene
Concen: 0.437 ng/ul
RT: 26.014 min Scan# 5711
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

Tgt Ion:278 Resp: 18265
Ion Ratio Lower Upper
278 100
139 20.7 19.8 29.6
279 27.6 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 26.718 min Scan# 5921
Delta R.T. 0.000 min
Lab File: BM036454.D
Acq: 29 Aug 2022 15:13

Tgt Ion:276 Resp: 20463
Ion Ratio Lower Upper
276 100
138 27.3 23.4 35.0
277 25.1 21.0 31.4

