

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035525.D
 Acq On : 20 Jun 2022 09:20
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4102

Quant Time: Jun 21 01:28:05 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)

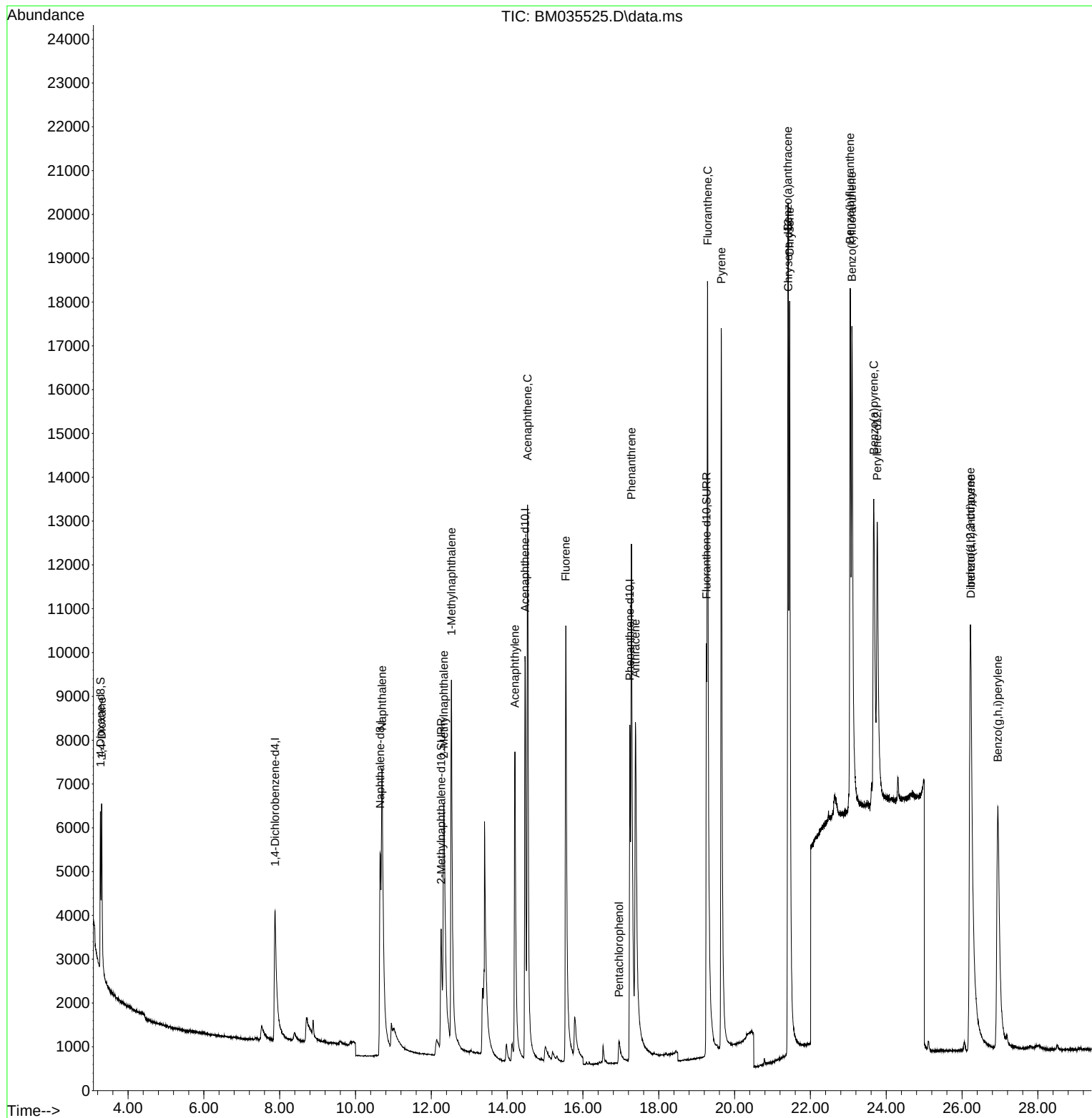
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	3951	0.400	ng/ul	0.02
4) Naphthalene-d8	10.649	136	14450	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	7441	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	14297	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	12865	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	11338	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	2618	0.471	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	8227	0.383	ng/ul	0.02
18) Fluoranthene-d10	19.257	212	15696	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	2486	0.449	ng/ul#	65
5) Naphthalene	10.704	128	16225	0.332	ng/ul	99
7) 2-Methylnaphthalene	12.332	142	9270	0.332	ng/ul	96
8) 1-Methylnaphthalene	12.530	142	9474	0.369	ng/ul	100
10) Acenaphthylene	14.205	152	14962	0.357	ng/ul	99
11) Acenaphthene	14.538	153	11154	0.359	ng/ul	99
12) Fluorene	15.546	166	12172	0.347	ng/ul	98
14) Pentachlorophenol	16.954	266	825	0.301	ng/ul	99
15) Phenanthrene	17.279	178	19082	0.364	ng/ul	100
16) Anthracene	17.385	178	16222	0.354	ng/ul	99
19) Fluoranthene	19.289	202	22015	0.335	ng/ul	100
20) Pyrene	19.647	202	24055	0.349	ng/ul	99
21) Benzo(a)anthracene	21.406	228	16594	0.341	ng/ul	99
22) Chrysene	21.453	228	21118	0.365	ng/ul	100
24) Benzo(b)fluoranthene	23.049	252	18509	0.373	ng/ul	98
25) Benzo(k)fluoranthene	23.096	252	18331	0.356	ng/ul	99
26) Benzo(a)pyrene	23.672	252	18806	0.365	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.219	276	20975	0.354	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.232	278	16695	0.345	ng/ul	99
29) Benzo(g,h,i)perylene	26.943	276	19362	0.365	ng/ul	99

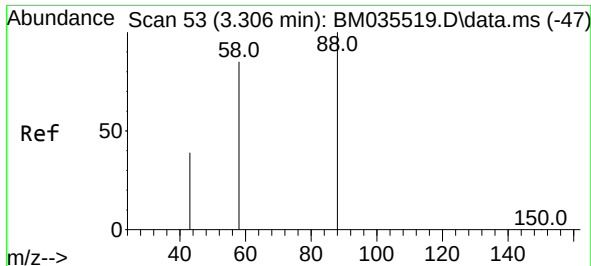
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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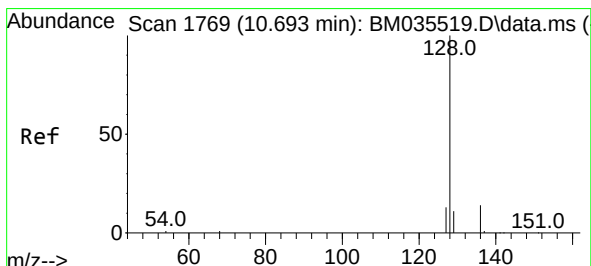
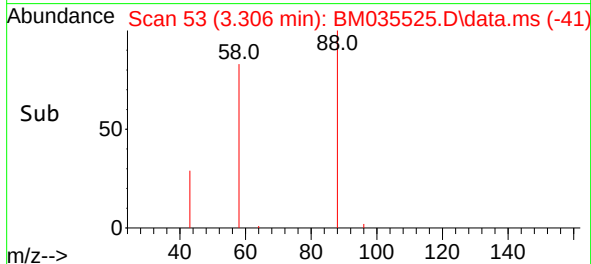
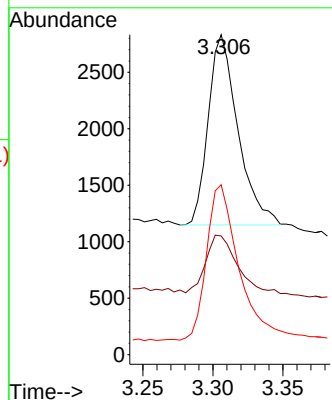
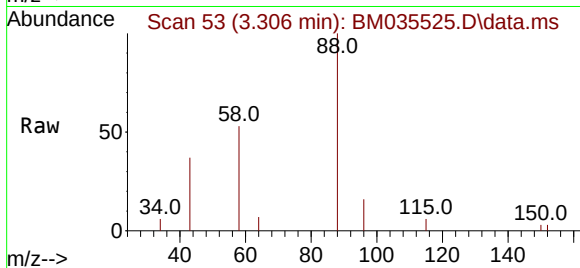




#2
1,4-Dioxane
Concen: 0.449 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

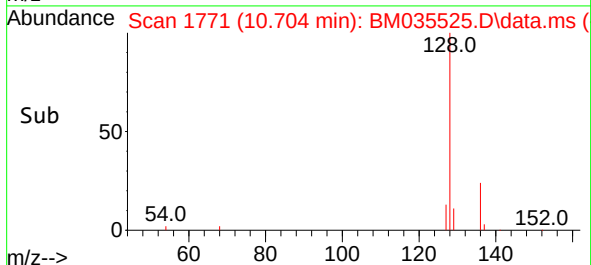
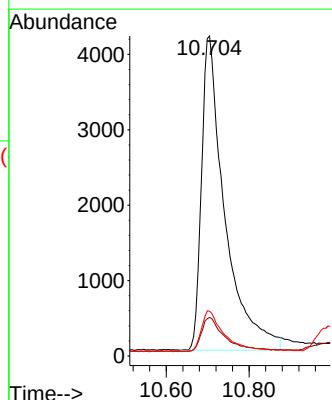
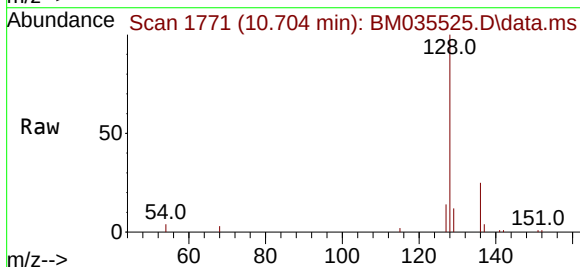
Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

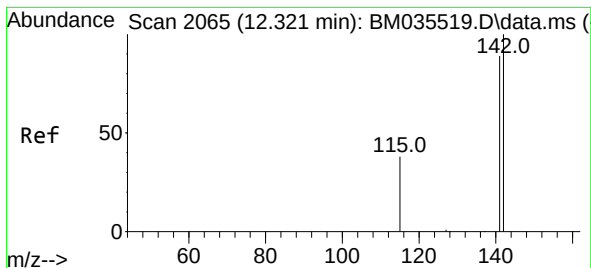
Tgt Ion: 88 Resp: 2486
Ion Ratio Lower Upper
88 100
43 37.1 70.4 105.6#
58 53.1 45.6 68.4



#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.704 min Scan# 1771
Delta R.T. 0.011 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Tgt Ion: 128 Resp: 16225
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 14.0 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.332 ng/ul

RT: 12.332 min Scan# 2067

Delta R.T. 0.011 min

Lab File: BM035525.D

Acq: 20 Jun 2022 09:20

Instrument :

BNA_M

ClientSampleId :

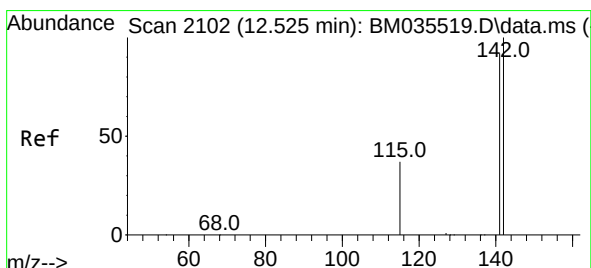
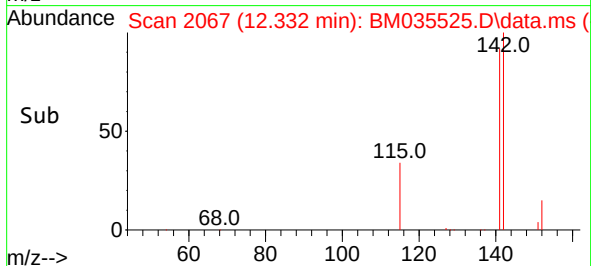
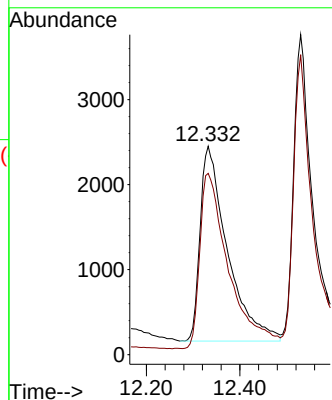
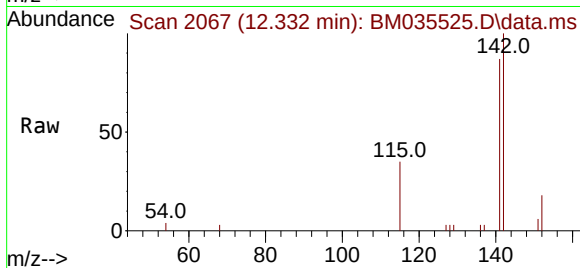
SSTD0.4102

Tgt Ion:142 Resp: 9270

Ion Ratio Lower Upper

142 100

141 96.1 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.369 ng/ul

RT: 12.530 min Scan# 2103

Delta R.T. 0.005 min

Lab File: BM035525.D

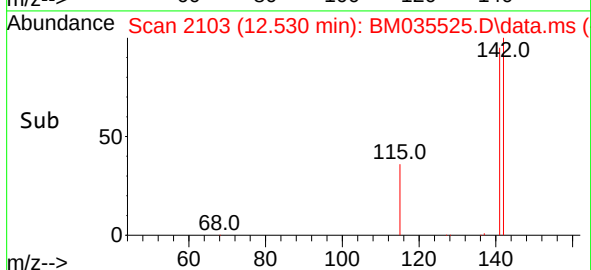
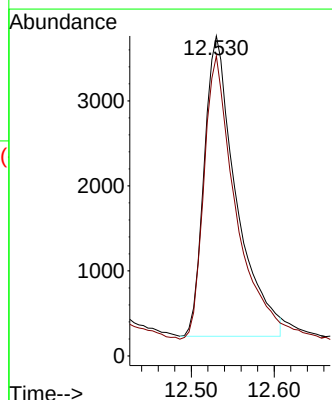
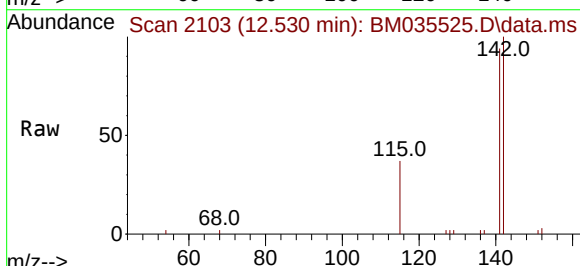
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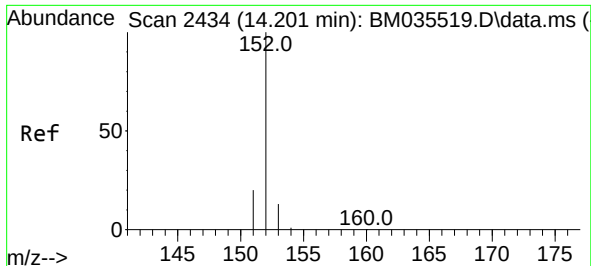
Tgt Ion:142 Resp: 9474

Ion Ratio Lower Upper

142 100

141 93.5 74.6 111.8

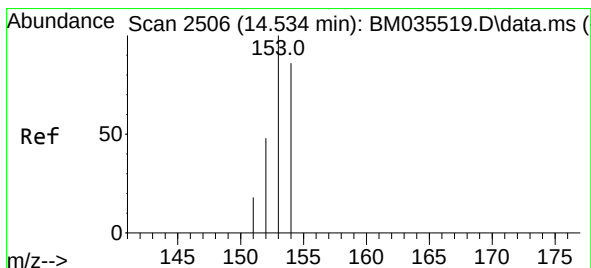
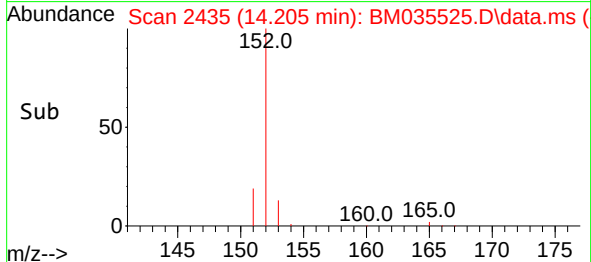
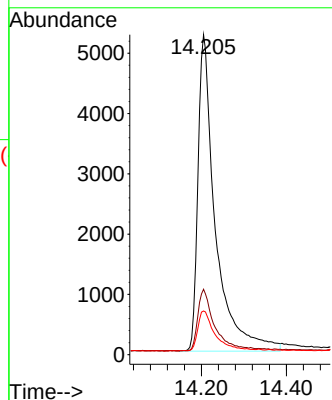
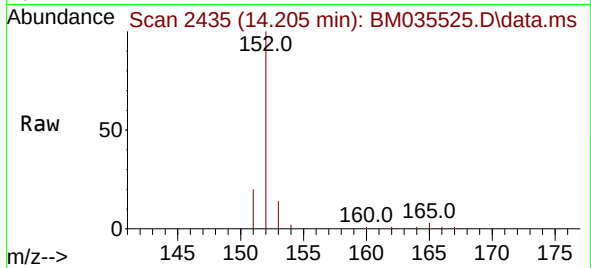




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.205 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

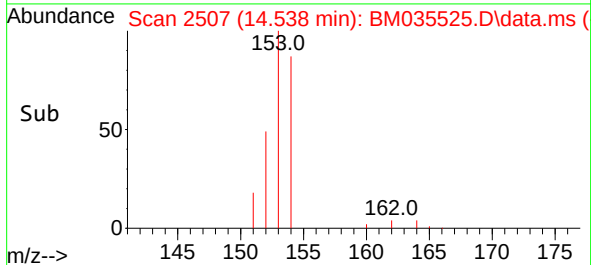
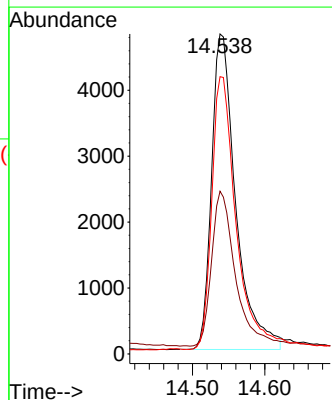
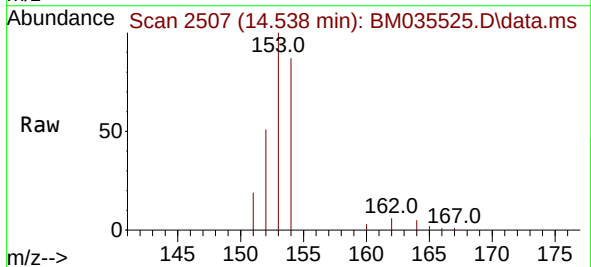
Instrument :
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SSTD0.4102

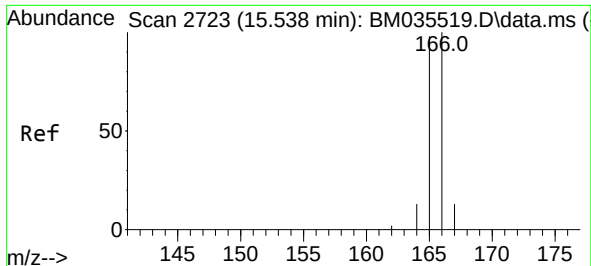
Tgt Ion:152 Resp: 14962
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Tgt Ion:153 Resp: 11154
Ion Ratio Lower Upper
153 100
152 50.9 40.0 60.0
154 86.7 69.1 103.7

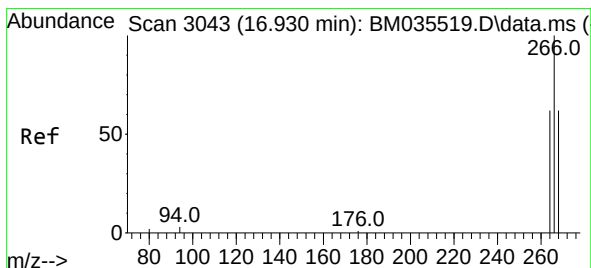
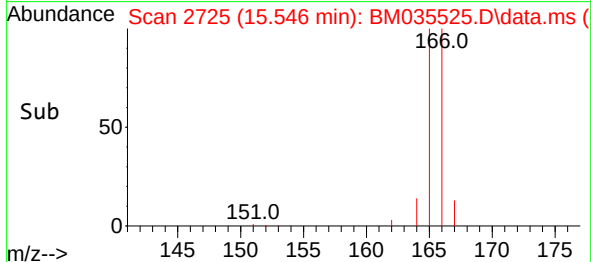
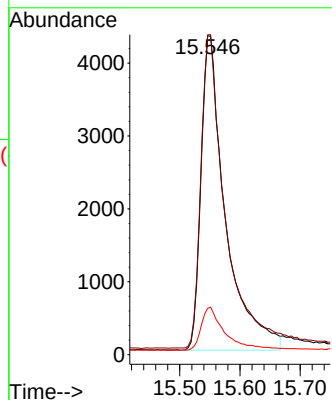
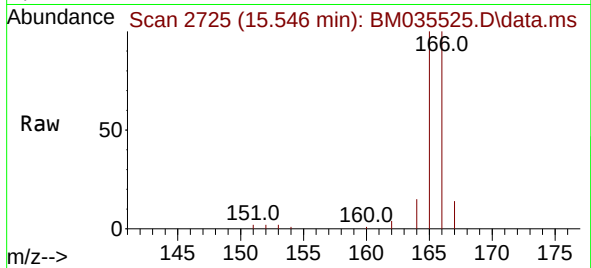




#12
Fluorene
Concen: 0.347 ng/ul
RT: 15.546 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

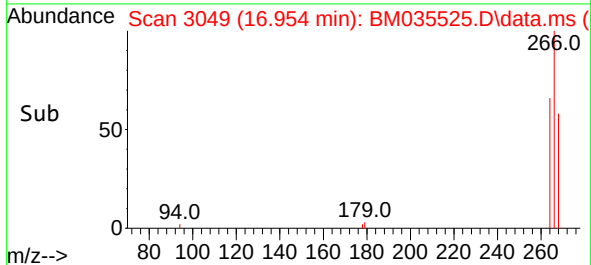
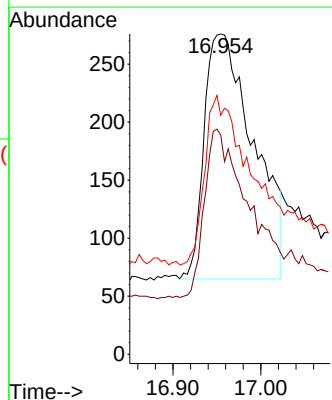
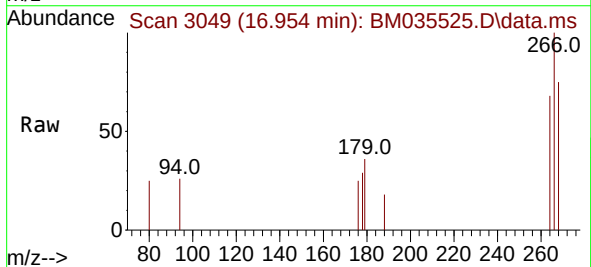
Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

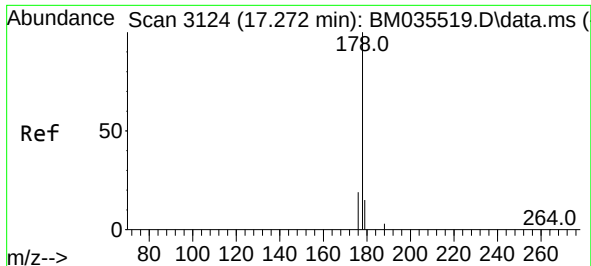
Tgt Ion:166 Resp: 12172
Ion Ratio Lower Upper
166 100
165 100.3 78.7 118.1
167 14.5 11.6 17.4



#14
Pentachlorophenol
Concen: 0.301 ng/ul
RT: 16.954 min Scan# 3049
Delta R.T. 0.024 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Tgt Ion:266 Resp: 825
Ion Ratio Lower Upper
266 100
264 62.4 51.0 76.4
268 64.8 51.7 77.5

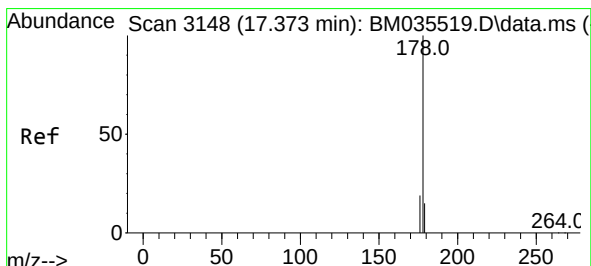
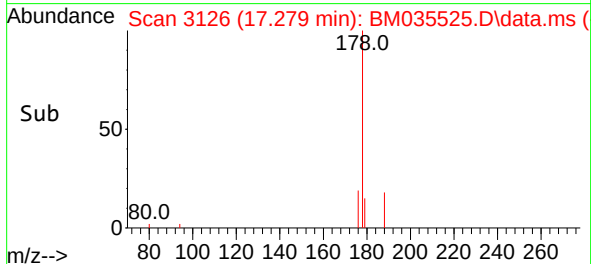
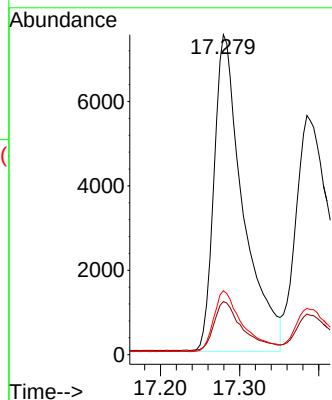
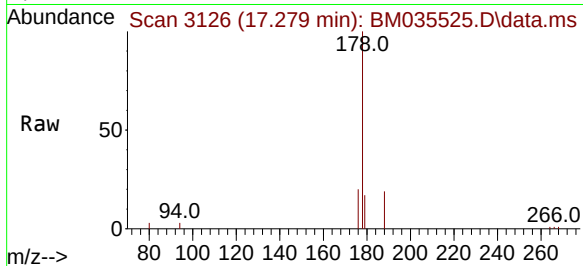




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.279 min Scan# 3124
Delta R.T. 0.008 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

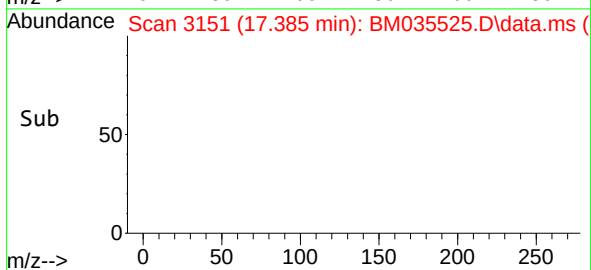
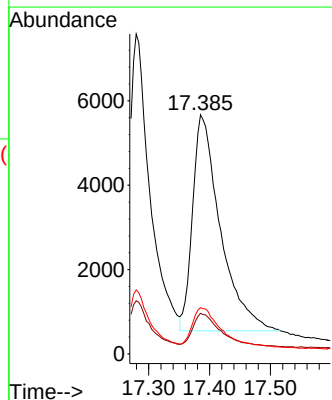
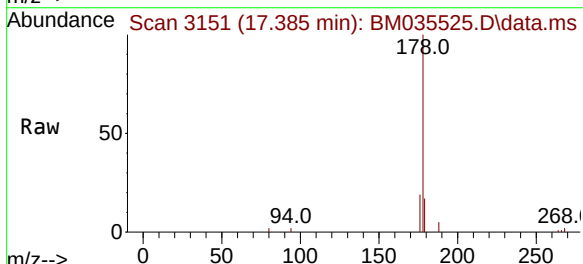
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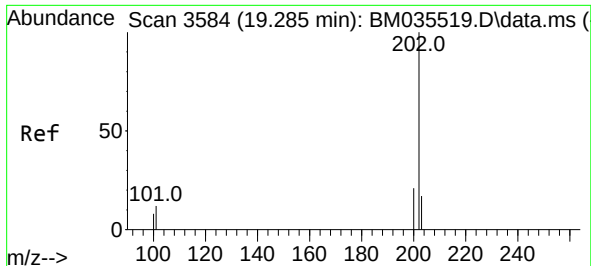
Tgt Ion:178 Resp: 19082
Ion Ratio Lower Upper
178 100
179 16.6 13.2 19.8
176 20.0 16.2 24.4



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.385 min Scan# 3151
Delta R.T. 0.012 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Tgt Ion:178 Resp: 16222
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.0
176 19.3 15.9 23.9

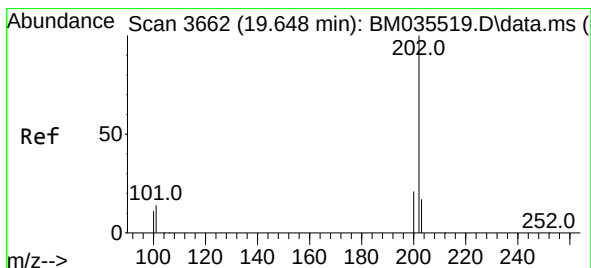
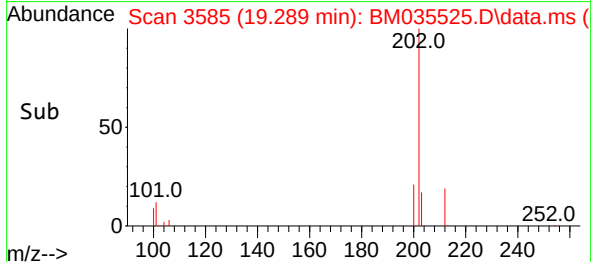
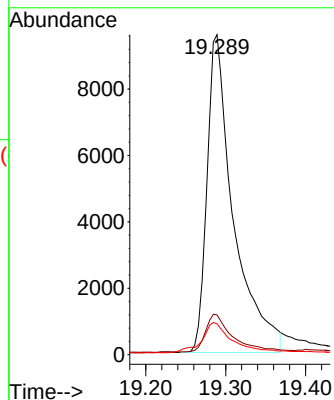
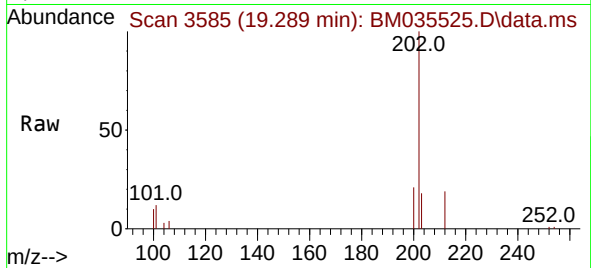




#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.289 min Scan# 3584
Delta R.T. 0.004 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

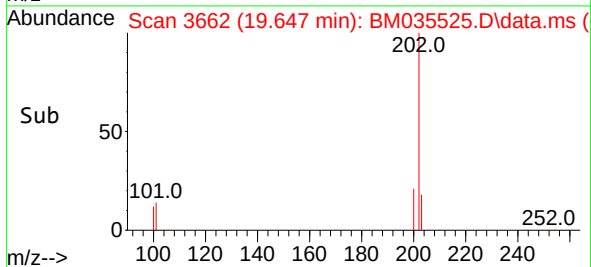
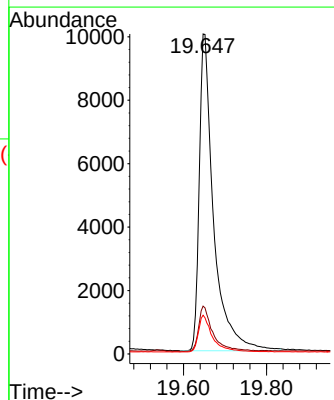
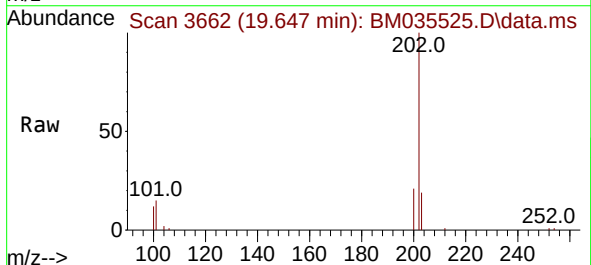
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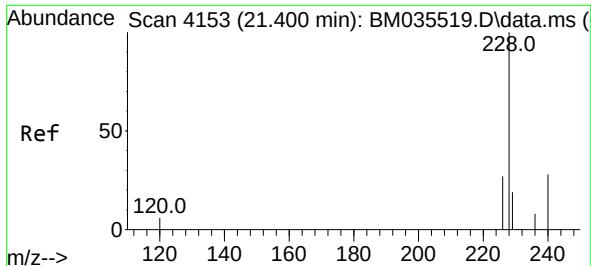
Tgt Ion:202 Resp: 22015
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.7 7.5 11.3



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.647 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Tgt Ion:202 Resp: 24055
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.1 9.3 13.9

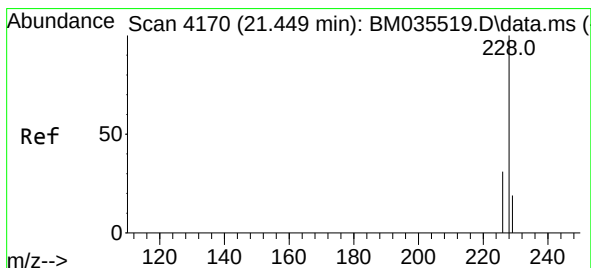
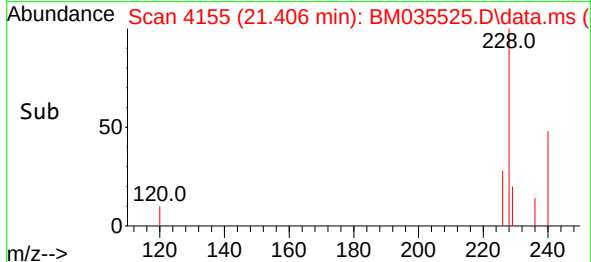
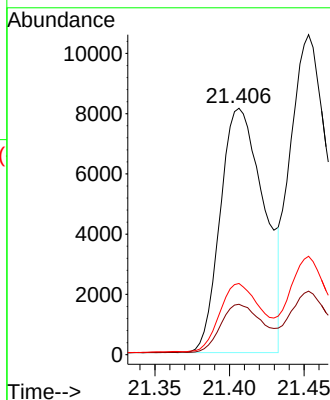
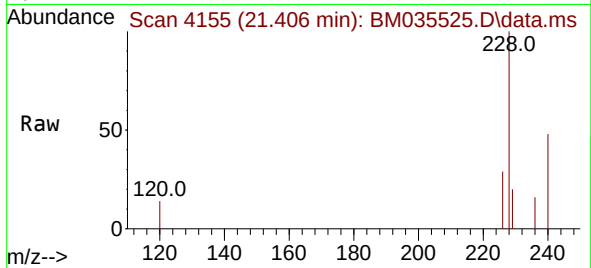




#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.406 min Scan# 4153
Delta R.T. 0.007 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

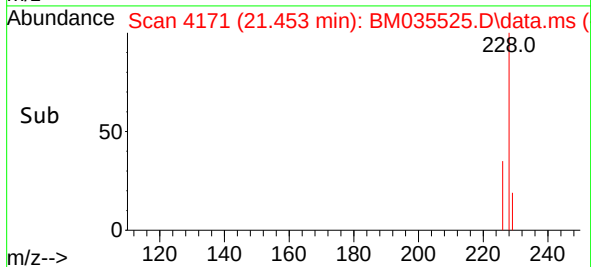
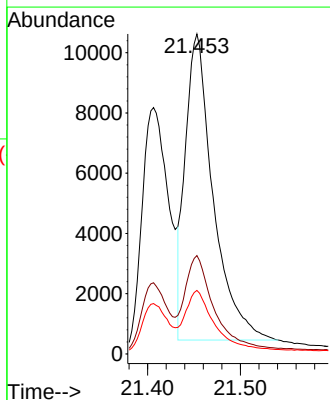
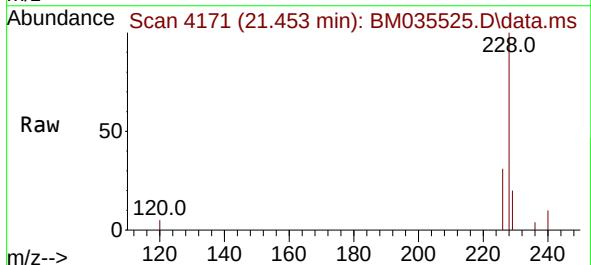
Instrument :
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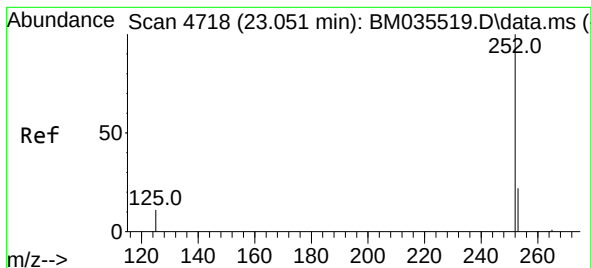
Tgt Ion:228 Resp: 16594
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 28.9 22.3 33.5



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.004 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Tgt Ion:228 Resp: 21118
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 19.9 15.8 23.8





#24

Benzo(b)fluoranthene

Concen: 0.373 ng/ul

RT: 23.049 min Scan# 4717

Delta R.T. -0.002 min

Lab File: BM035525.D

Acq: 20 Jun 2022 09:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.4102

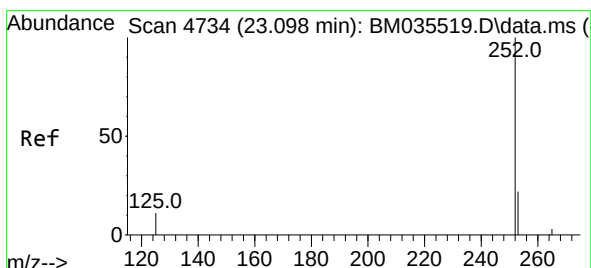
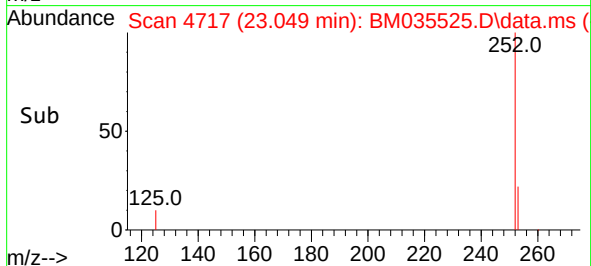
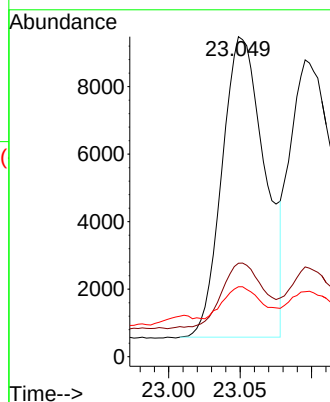
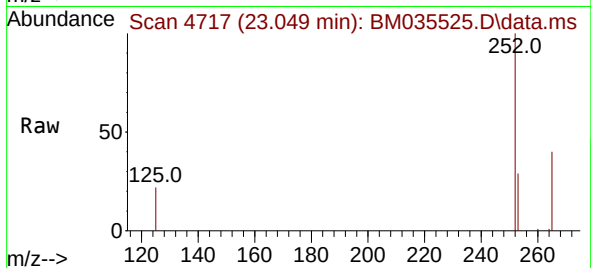
Tgt Ion:252 Resp: 18509

Ion Ratio Lower Upper

252 100

253 29.2 0.0 60.6

125 21.9 0.0 44.8



#25

Benzo(k)fluoranthene

Concen: 0.356 ng/ul

RT: 23.096 min Scan# 4733

Delta R.T. -0.002 min

Lab File: BM035525.D

Acq: 20 Jun 2022 09:20

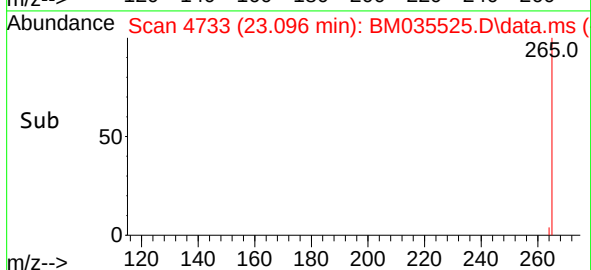
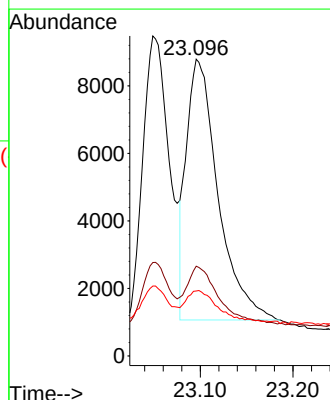
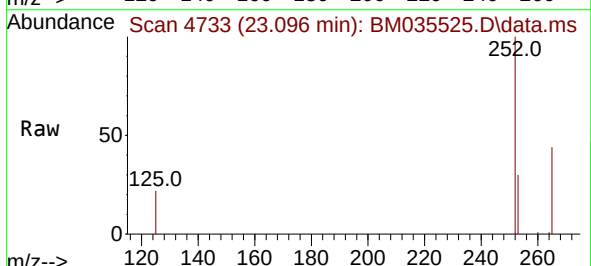
Tgt Ion:252 Resp: 18331

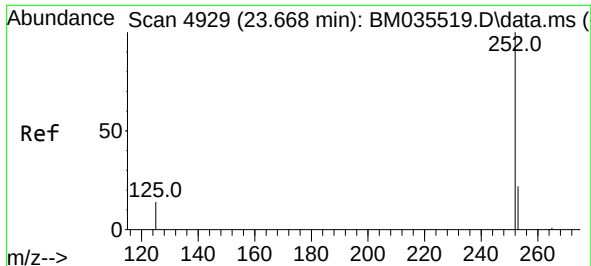
Ion Ratio Lower Upper

252 100

253 30.3 24.7 37.1

125 21.9 18.2 27.4

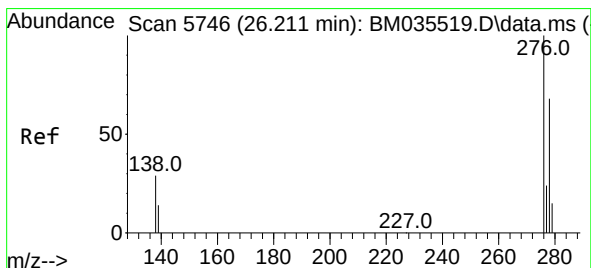
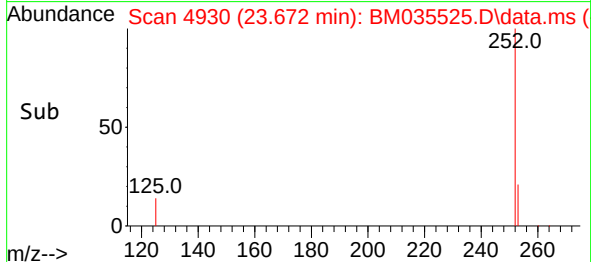
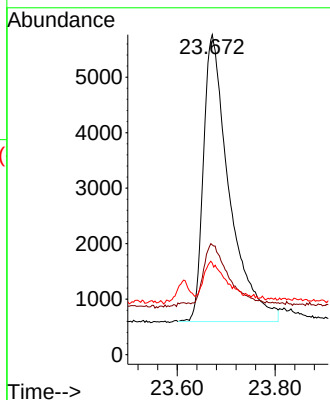
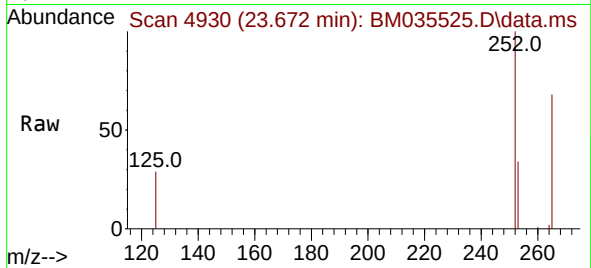




#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.672 min Scan# 4929
Delta R.T. 0.004 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

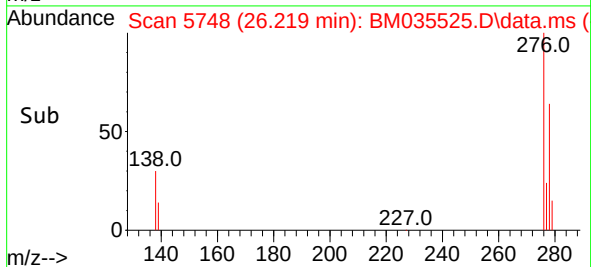
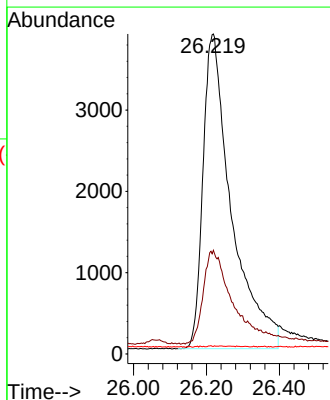
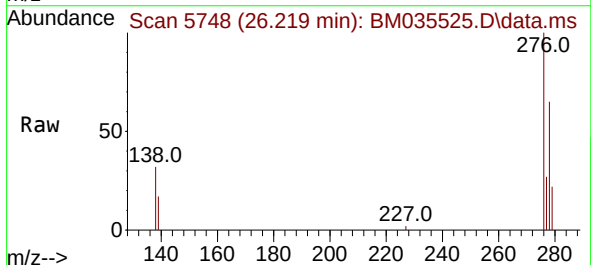
Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

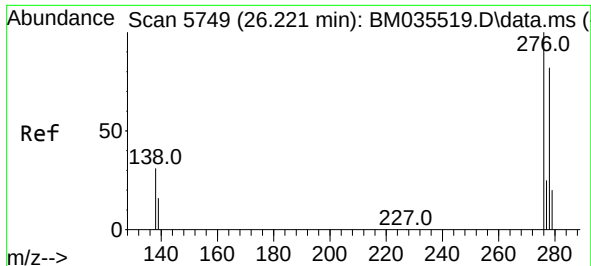
Tgt Ion:252	Resp:	18806
Ion Ratio	Lower	Upper
252	100	
253	34.3	27.8 41.6
125	28.6	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 26.219 min Scan# 5748
Delta R.T. 0.008 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Tgt Ion:276	Resp:	20975
Ion Ratio	Lower	Upper
276	100	
138	31.2	24.8 37.2
227	0.0	0.1 0.1#

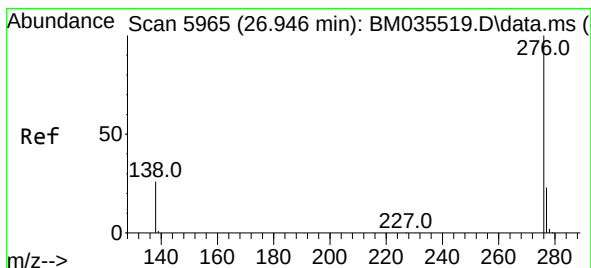
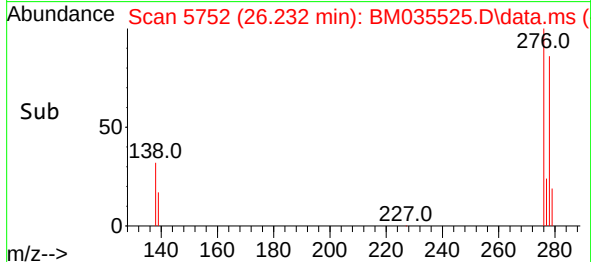
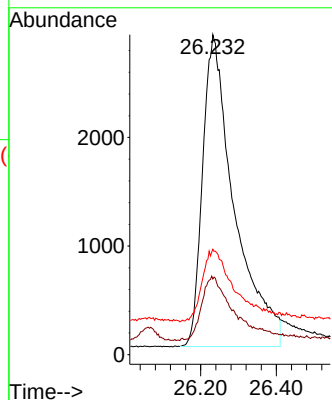
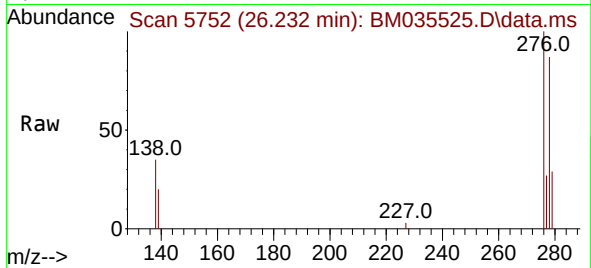




#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 26.232 min Scan# 51
Delta R.T. 0.011 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

Tgt Ion:278 Resp: 16695
Ion Ratio Lower Upper
278 100
139 23.7 19.1 28.7
279 33.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 26.943 min Scan# 5964
Delta R.T. -0.003 min
Lab File: BM035525.D
Acq: 20 Jun 2022 09:20

Tgt Ion:276 Resp: 19362
Ion Ratio Lower Upper
276 100
138 29.7 23.1 34.7
277 25.7 20.3 30.5

