

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061822\
 Data File : BM035517.D
 Acq On : 18 Jun 2022 12:11
 Operator : CG/JU
 Sample : SST0.143
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1043

Quant Time: Jun 20 01:40:21 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)

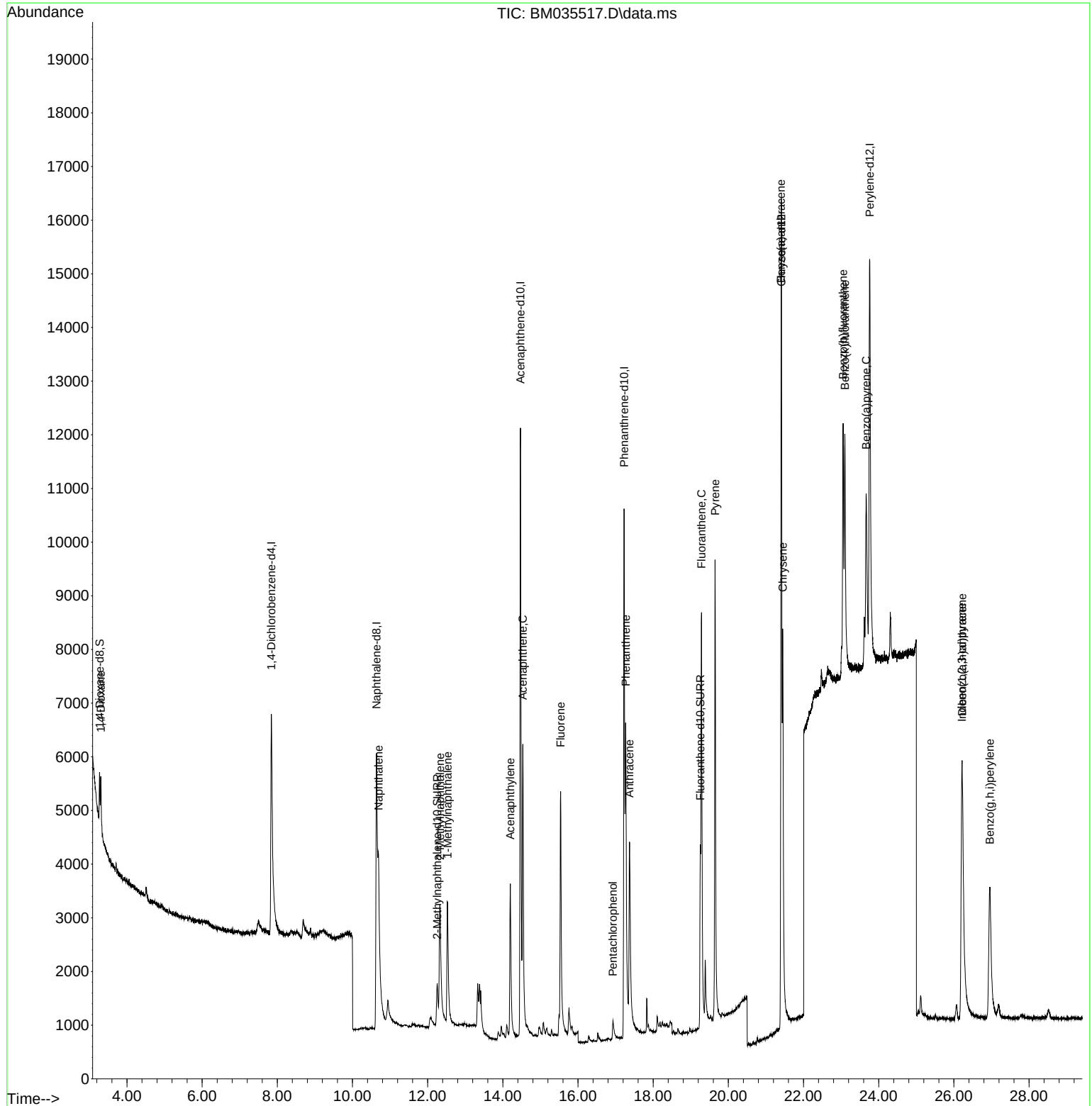
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	4365	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.638	136	14562	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	8184	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	16778	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	14857	0.400	ng/ul	0.00
23) Perylene-d12	23.764	264	13618	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	678	0.130	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	2200	0.095	ng/ul	0.01
18) Fluoranthene-d10	19.258	212	4871	0.096	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	594	0.113	ng/ul#	33
5) Naphthalene	10.693	128	6283	0.131	ng/ul	96
7) 2-Methylnaphthalene	12.327	142	3377	0.107	ng/ul	98
8) 1-Methylnaphthalene	12.530	142	2510	0.085	ng/ul	95
10) Acenaphthylene	14.201	152	5523	0.114	ng/ul	97
11) Acenaphthene	14.534	153	4042	0.116	ng/ul	98
12) Fluorene	15.538	166	4626	0.113	ng/ul#	99
14) Pentachlorophenol	16.930	266	496	0.078	ng/ul#	66
15) Phenanthrene	17.272	178	7479	0.117	ng/ul	98
16) Anthracene	17.369	178	6470	0.111	ng/ul	98
19) Fluoranthene	19.285	202	8807	0.106	ng/ul#	94
20) Pyrene	19.648	202	9376	0.111	ng/ul	94
21) Benzo(a)anthracene	21.403	228	6513	0.095	ng/ul	98
22) Chrysene	21.449	228	7947	0.111	ng/ul	98
24) Benzo(b)fluoranthene	23.054	252	6681	0.094	ng/ul	71
25) Benzo(k)fluoranthene	23.101	252	7167	0.105	ng/ul#	74
26) Benzo(a)pyrene	23.668	252	6891	0.106	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.215	276	8330	0.130	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.221	278	6801	0.133	ng/ul#	79
29) Benzo(g,h,i)perylene	26.959	276	7409	0.134	ng/ul#	92

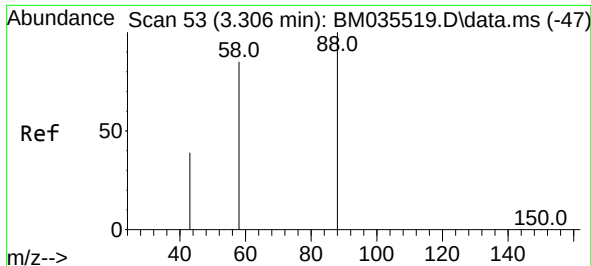
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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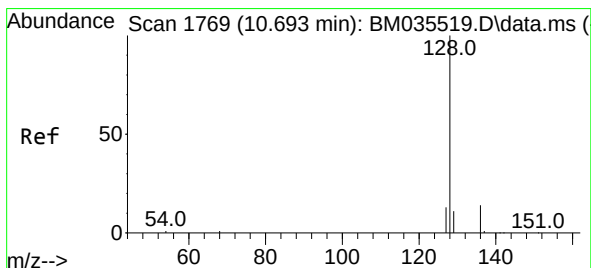
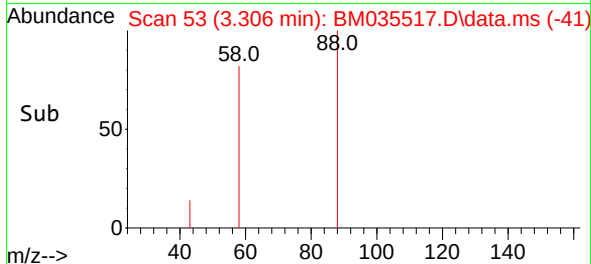
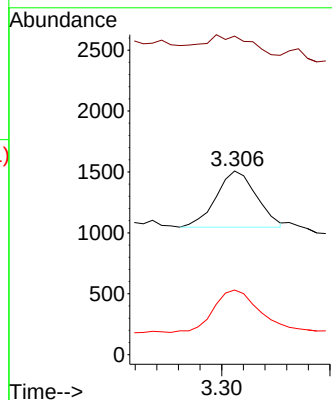
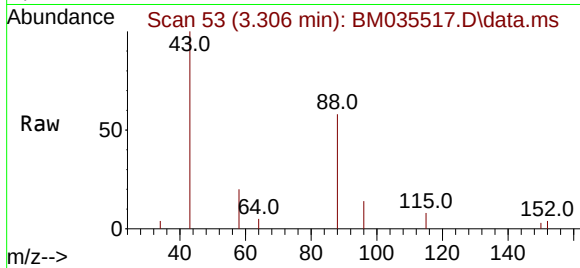




#2
 1,4-Dioxane
 Concen: 0.113 ng/ul
 RT: 3.306 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM035517.D
 Acq: 18 Jun 2022 12:11

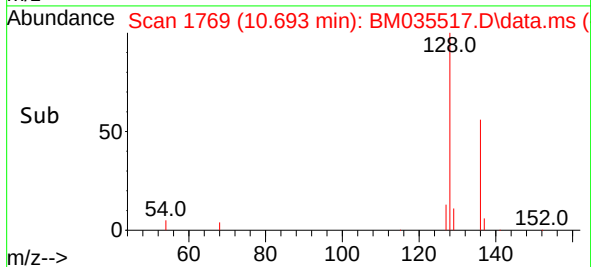
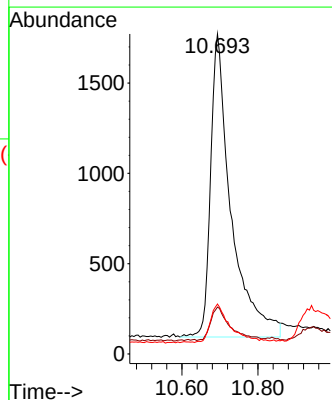
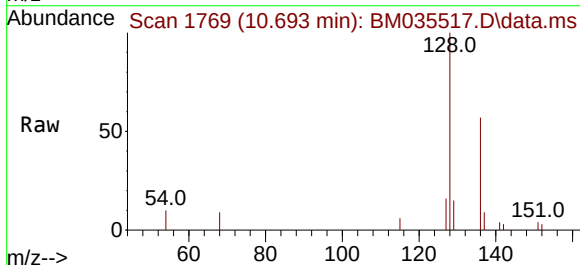
Instrument :
 BNA_M
 ClientSampleId :
 SST00.1043

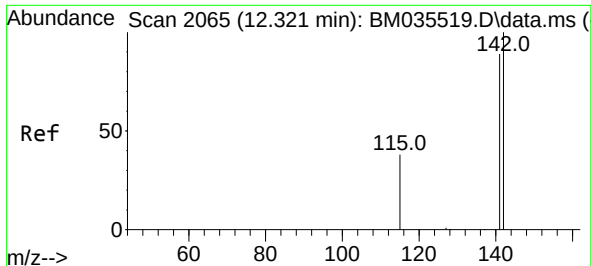
Tgt Ion: 88 Resp: 594
 Ion Ratio Lower Upper
 88 100
 43 173.4 70.4 105.6#
 58 35.1 45.6 68.4#



#5
 Naphthalene
 Concen: 0.131 ng/ul
 RT: 10.693 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: BM035517.D
 Acq: 18 Jun 2022 12:11

Tgt Ion: 128 Resp: 6283
 Ion Ratio Lower Upper
 128 100
 129 14.7 10.1 15.1
 127 15.6 11.4 17.2

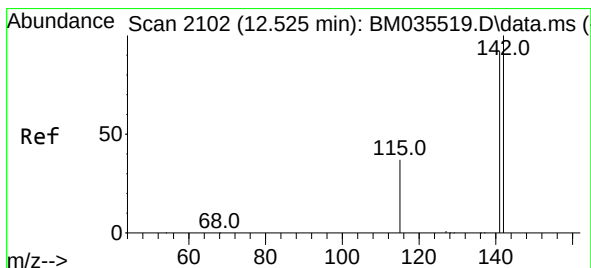
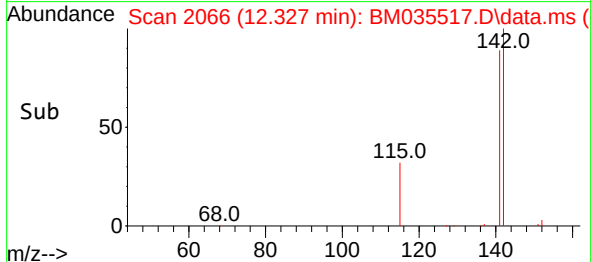
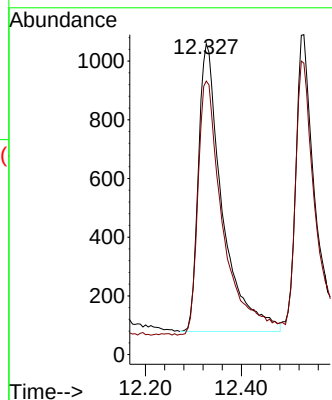
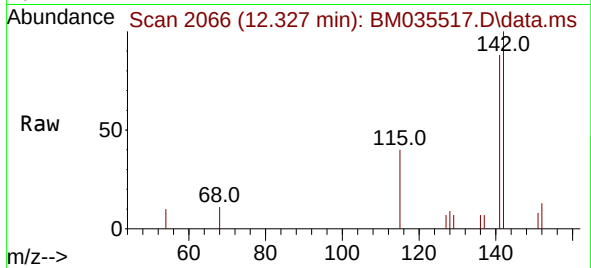




#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.005 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

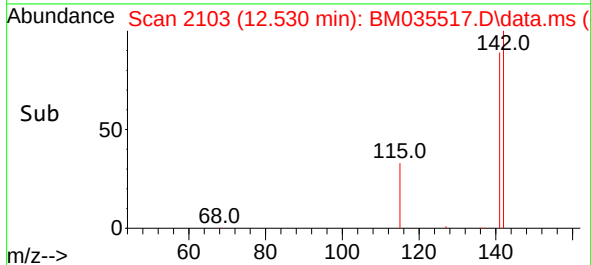
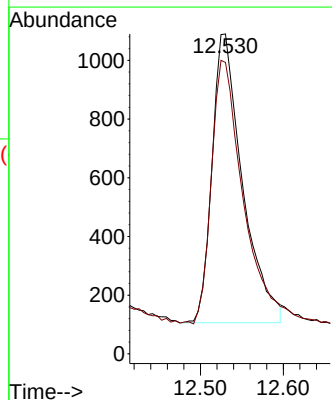
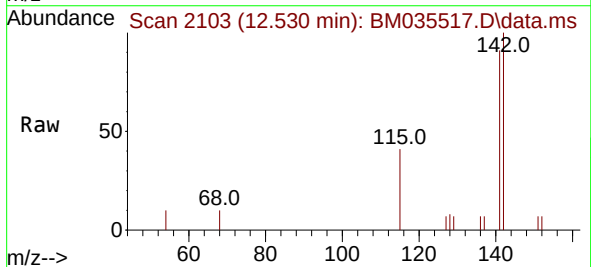
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

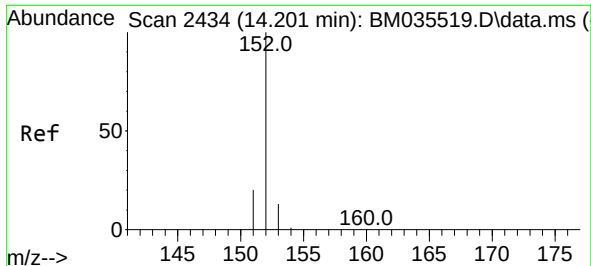
Tgt Ion:142 Resp: 3377
Ion Ratio Lower Upper
142 100
141 94.3 74.1 111.1



#8
1-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.530 min Scan# 2103
Delta R.T. 0.005 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

Tgt Ion:142 Resp: 2510
Ion Ratio Lower Upper
142 100
141 92.4 70.1 105.1

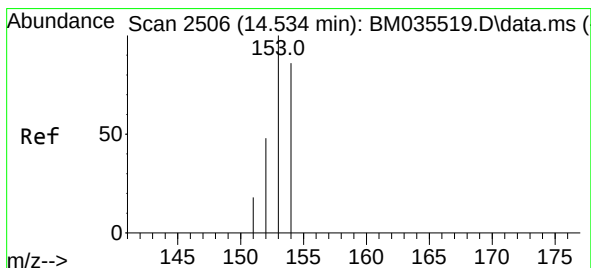
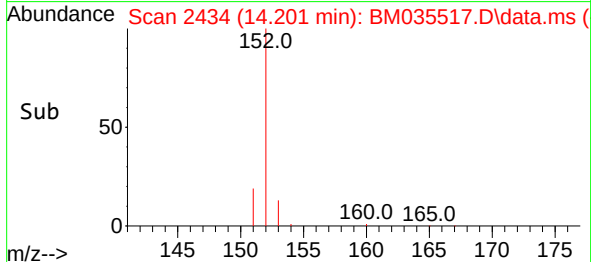
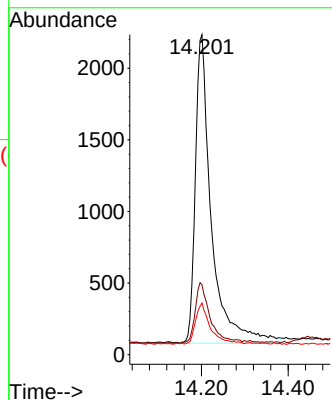
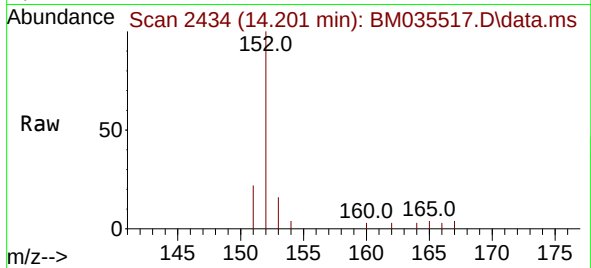




#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

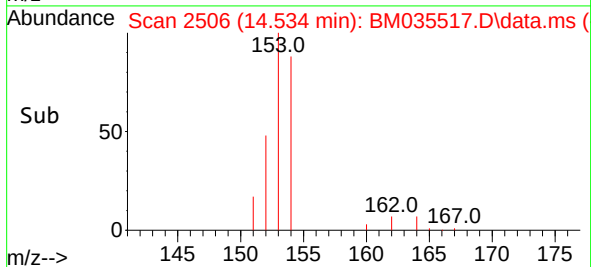
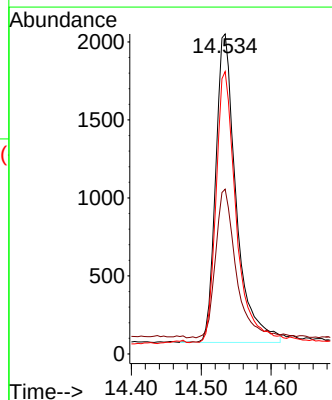
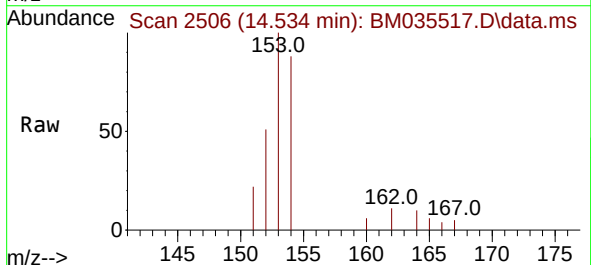
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

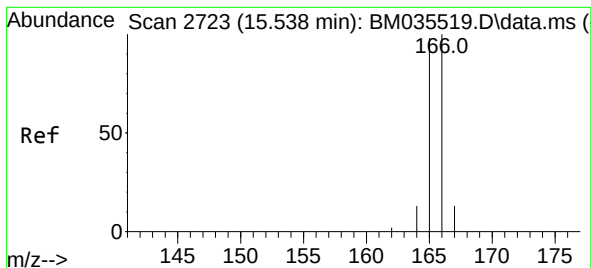
Tgt Ion:152 Resp: 5523
Ion Ratio Lower Upper
152 100
151 21.9 16.8 25.2
153 16.2 11.1 16.7



#11
Acenaphthene
Concen: 0.116 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

Tgt Ion:153 Resp: 4042
Ion Ratio Lower Upper
153 100
152 51.5 40.0 60.0
154 88.2 69.1 103.7





#12

Fluorene

Concen: 0.113 ng/ul

RT: 15.538 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035517.D

Acq: 18 Jun 2022 12:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.1043

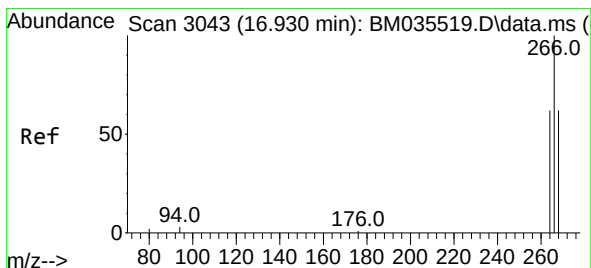
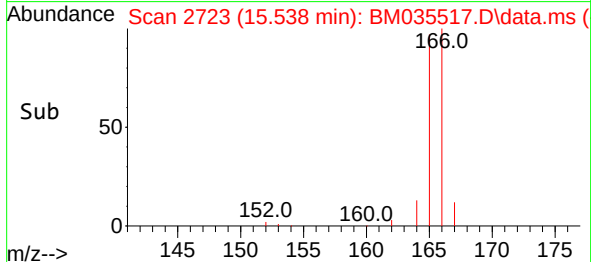
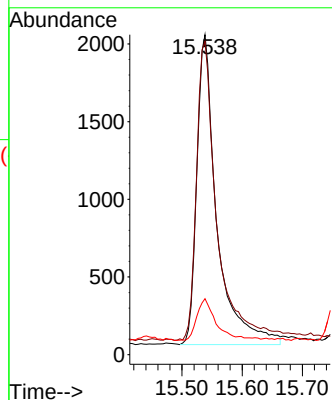
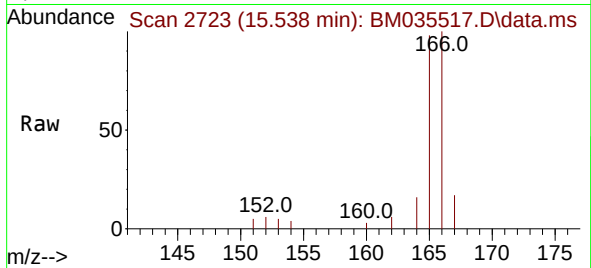
Tgt Ion:166 Resp: 4626

Ion Ratio Lower Upper

166 100

165 97.9 78.7 118.1

167 17.5 11.6 17.4#



#14

Pentachlorophenol

Concen: 0.078 ng/ul

RT: 16.930 min Scan# 3043

Delta R.T. -0.000 min

Lab File: BM035517.D

Acq: 18 Jun 2022 12:11

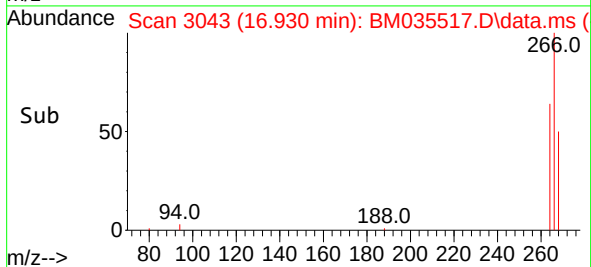
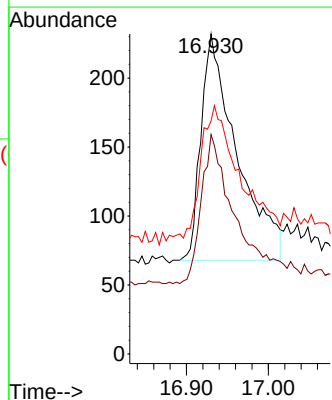
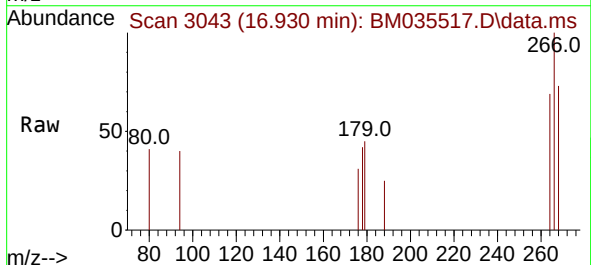
Tgt Ion:266 Resp: 496

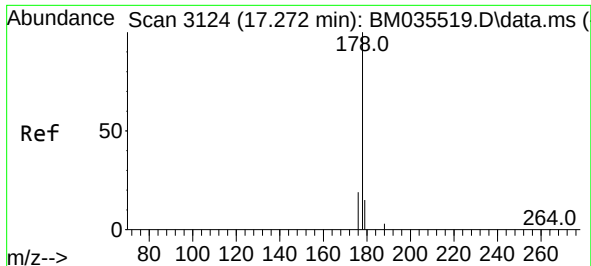
Ion Ratio Lower Upper

266 100

264 62.7 31.4 47.2#

268 59.5 32.9 49.3#

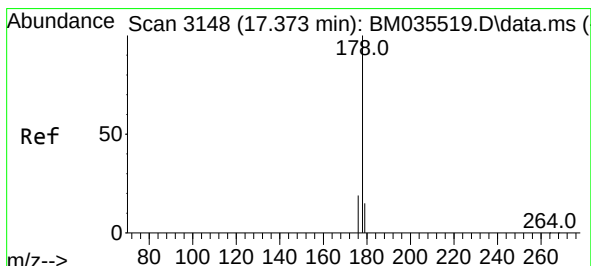
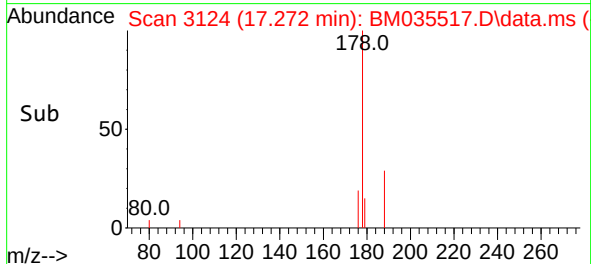
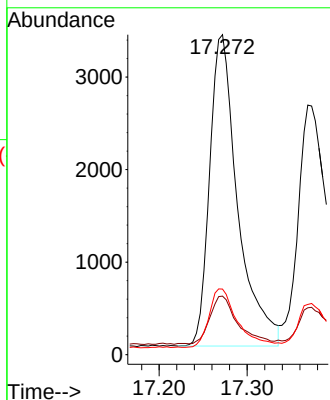
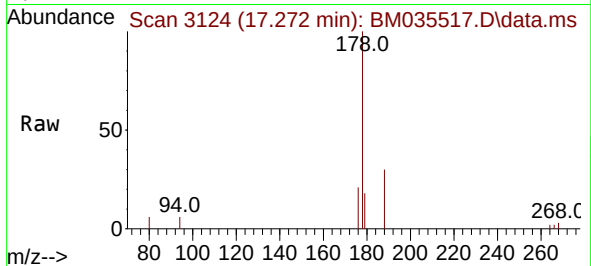




#15
Phenanthrene
Concen: 0.117 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

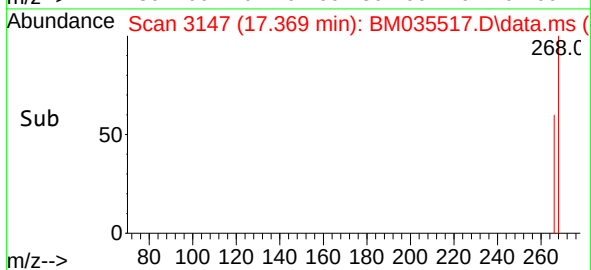
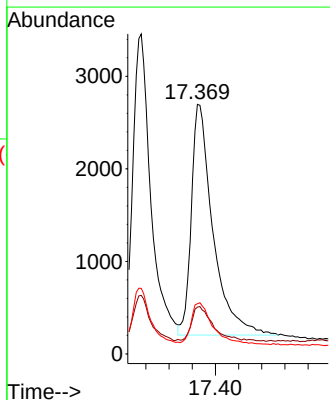
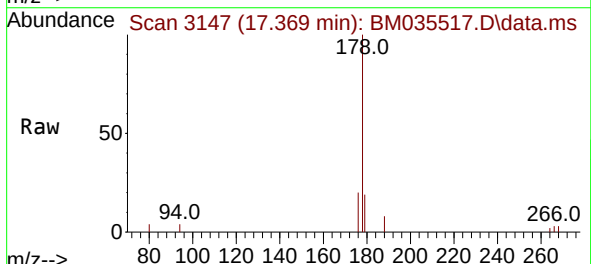
Instrument :
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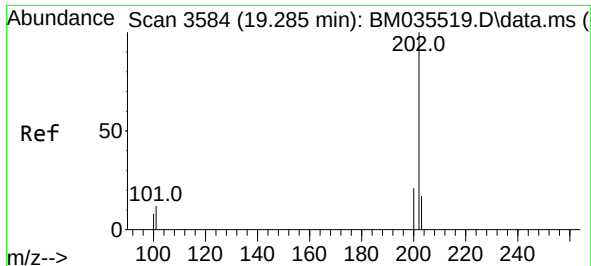
Tgt Ion:178	Resp:	7479
Ion Ratio	Lower	Upper
178	100	
179	18.3	13.2 19.8
176	20.5	16.2 24.4



#16
Anthracene
Concen: 0.111 ng/ul
RT: 17.369 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

Tgt Ion:178	Resp:	6470
Ion Ratio	Lower	Upper
178	100	
179	18.8	13.4 20.0
176	20.1	15.9 23.9

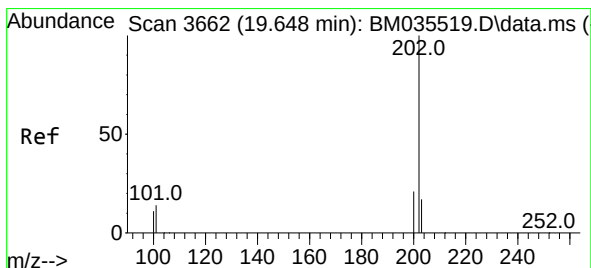
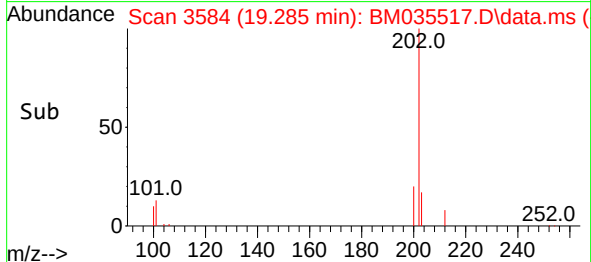
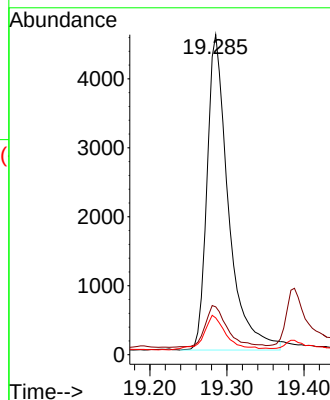
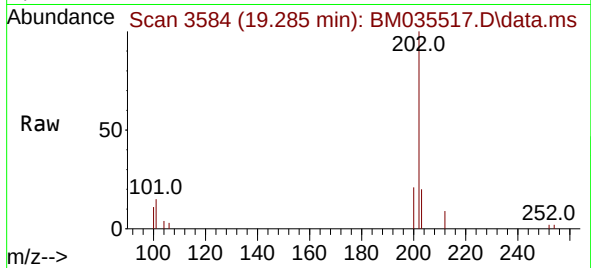




#19
Fluoranthene
Concen: 0.106 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

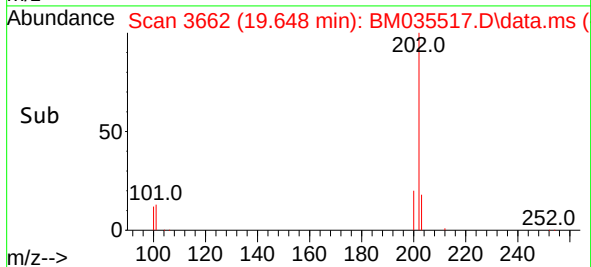
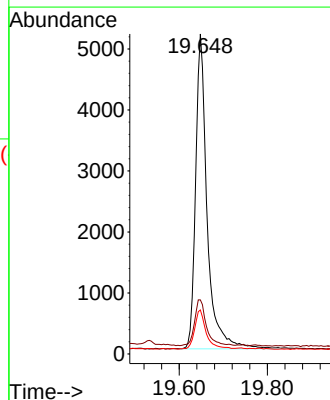
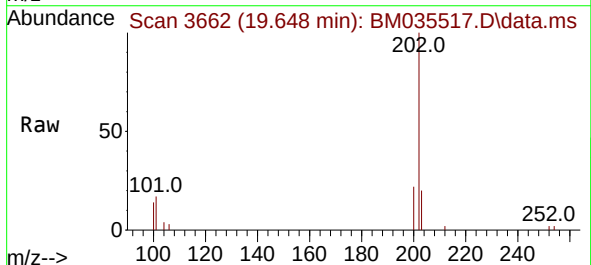
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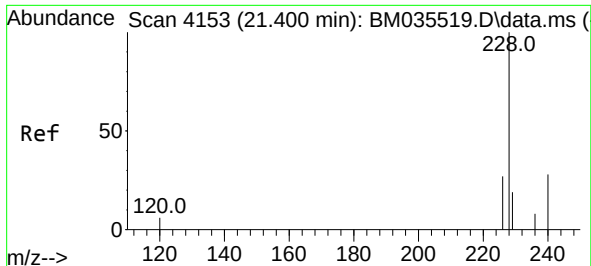
Tgt Ion:202 Resp: 8807
Ion Ratio Lower Upper
202 100
101 14.9 10.0 15.0
100 11.5 7.5 11.3#



#20
Pyrene
Concen: 0.111 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

Tgt Ion:202 Resp: 9376
Ion Ratio Lower Upper
202 100
101 16.9 11.6 17.4
100 13.8 9.3 13.9

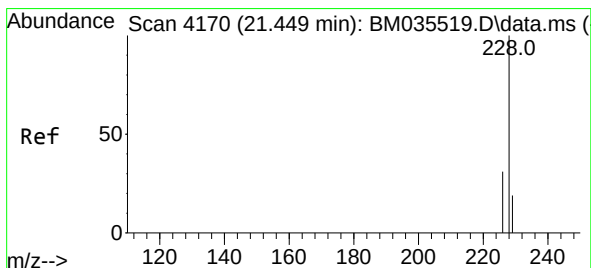
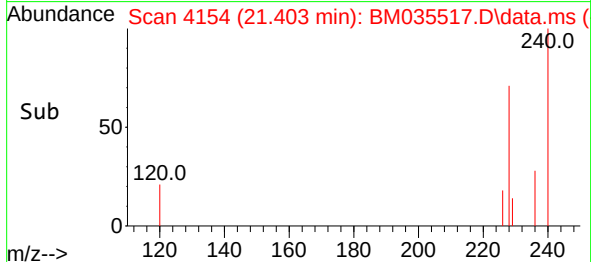
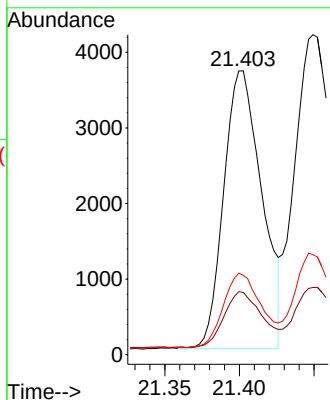
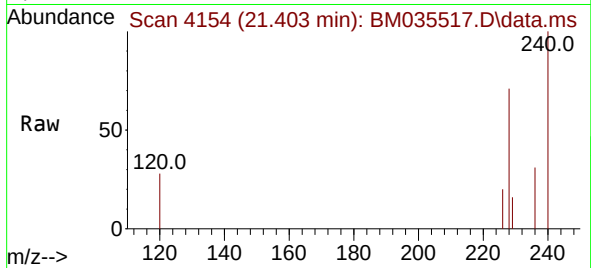




#21
Benzo(a)anthracene
Concen: 0.095 ng/uI
RT: 21.403 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

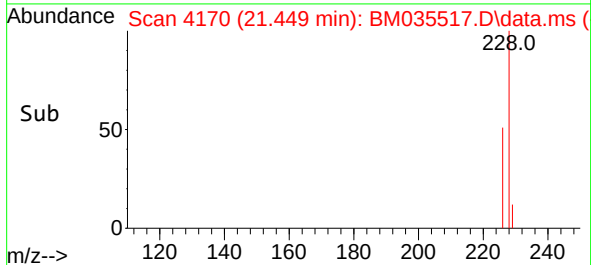
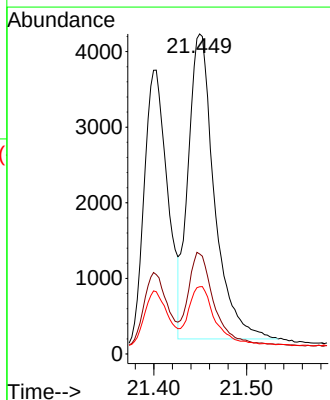
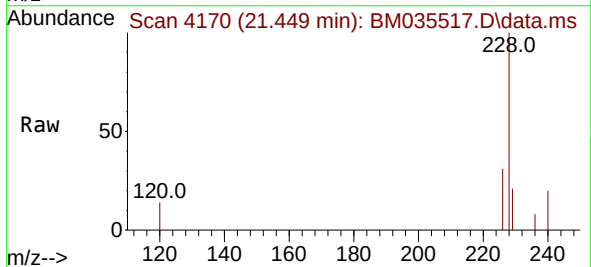
Instrument :
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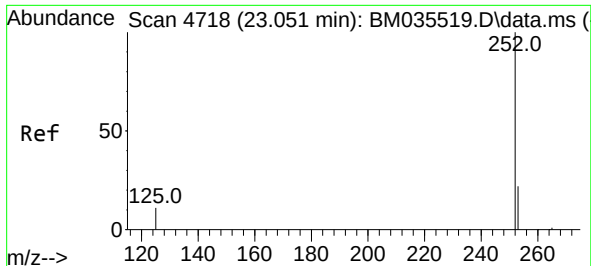
Tgt Ion:228 Resp: 6513
Ion Ratio Lower Upper
228 100
229 21.9 16.2 24.2
226 27.9 22.3 33.5



#22
Chrysene
Concen: 0.111 ng/uI
RT: 21.449 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

Tgt Ion:228 Resp: 7947
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 21.0 15.8 23.8

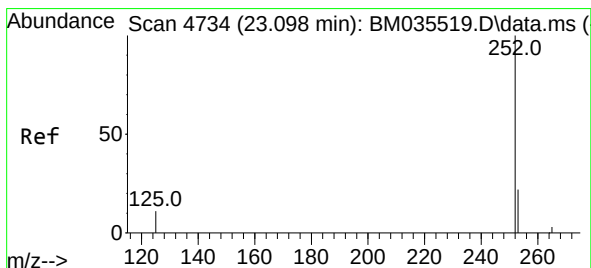
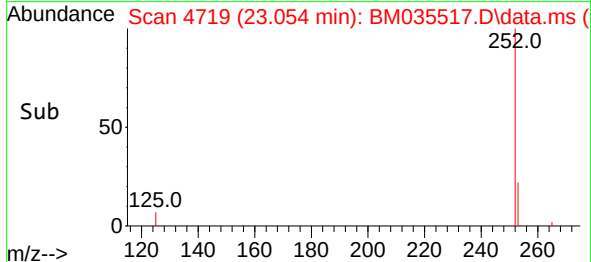
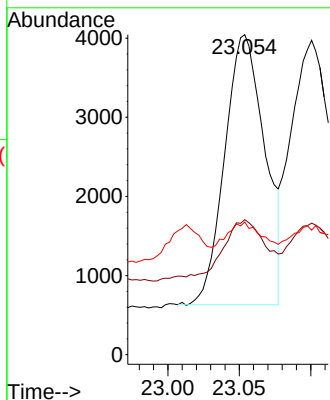
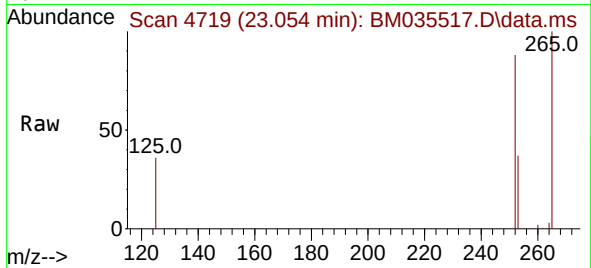




#24
Benzo(b)fluoranthene
Concen: 0.094 ng/ul
RT: 23.054 min Scan# 4718
Delta R.T. 0.003 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

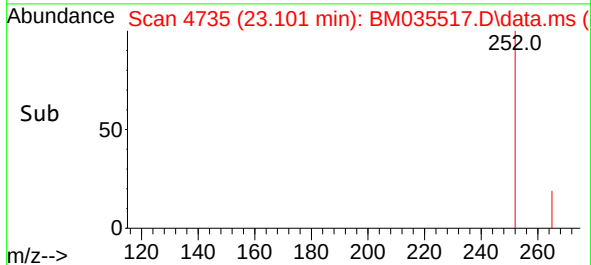
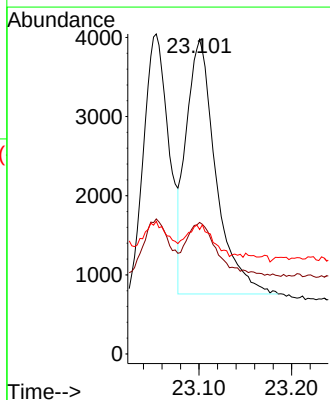
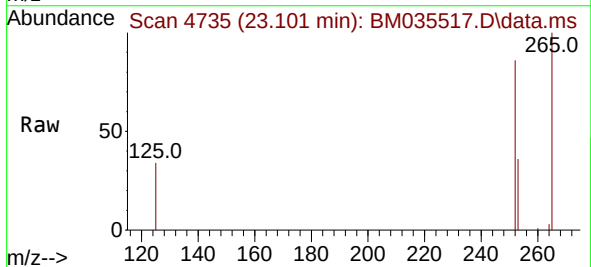
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

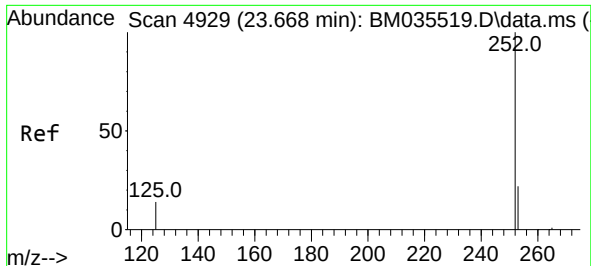
Tgt Ion:252 Resp: 6681
Ion Ratio Lower Upper
252 100
253 42.2 0.0 60.6
125 41.4 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. 0.003 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

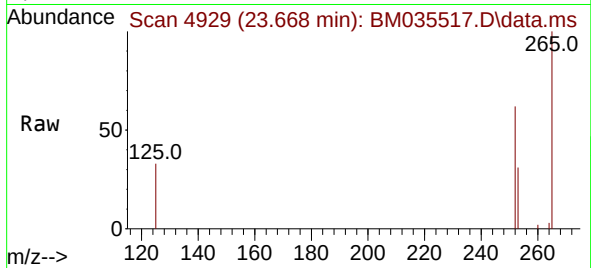
Tgt Ion:252 Resp: 7167
Ion Ratio Lower Upper
252 100
253 41.9 24.7 37.1#
125 39.6 18.2 27.4#



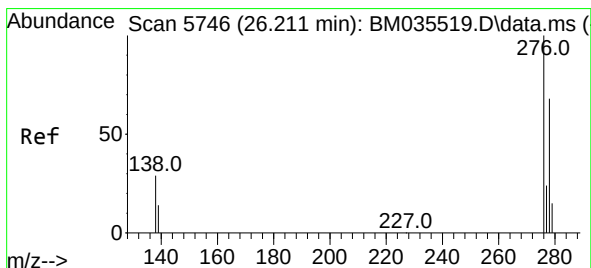
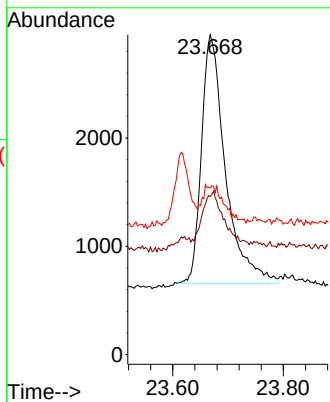
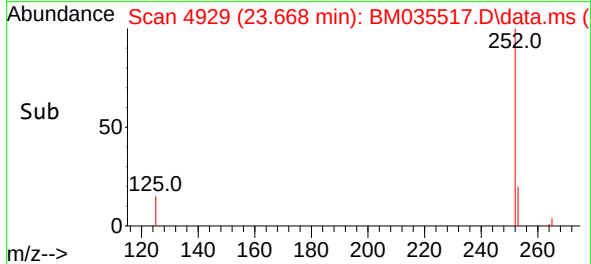


#26
Benzo(a)pyrene
Concen: 0.106 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. -0.000 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11

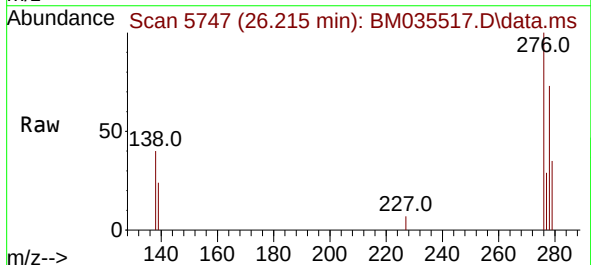
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043



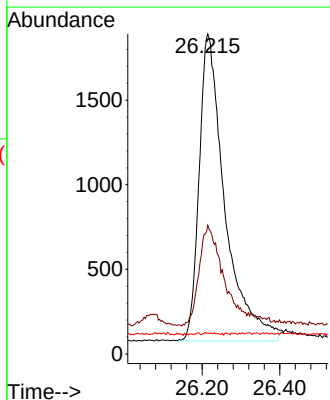
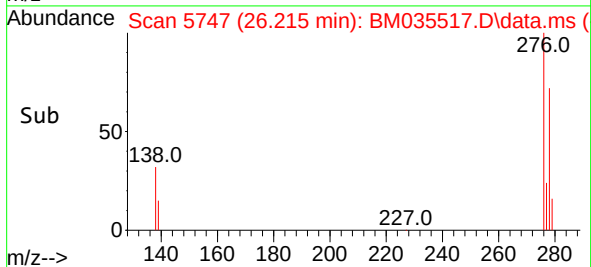
Tgt Ion:252 Resp: 6891
Ion Ratio Lower Upper
252 100
253 49.5 27.8 41.6#
125 52.2 23.3 34.9#

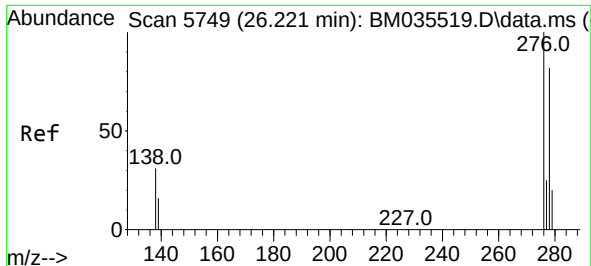


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. 0.003 min
Lab File: BM035517.D
Acq: 18 Jun 2022 12:11



Tgt Ion:276 Resp: 8330
Ion Ratio Lower Upper
276 100
138 33.3 24.8 37.2
227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.133 ng/ul

RT: 26.221 min Scan# 5

Delta R.T. -0.000 min

Lab File: BM035517.D

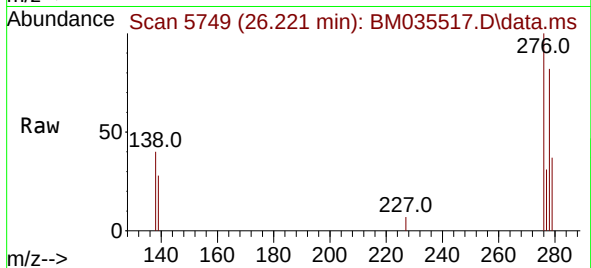
Acq: 18 Jun 2022 12:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.1043



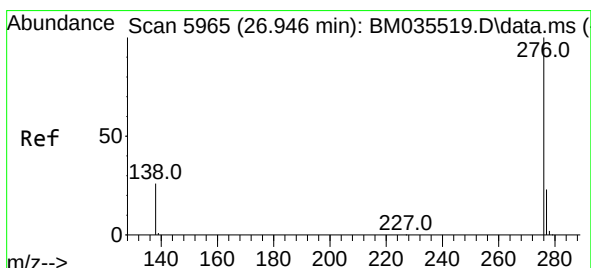
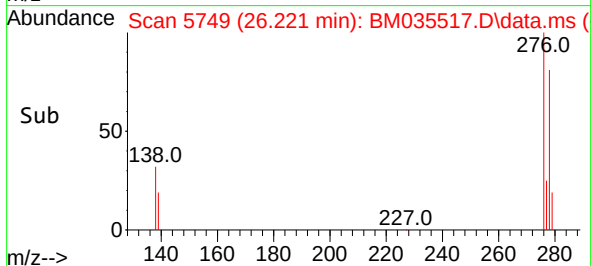
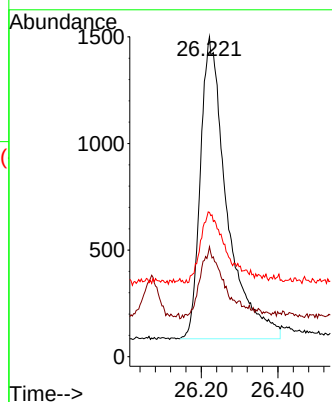
Tgt Ion:278 Resp: 6801

Ion Ratio Lower Upper

278 100

139 34.4 19.1 28.7#

279 45.1 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.134 ng/ul

RT: 26.959 min Scan# 5969

Delta R.T. 0.013 min

Lab File: BM035517.D

Acq: 18 Jun 2022 12:11

Tgt Ion:276 Resp: 7409

Ion Ratio Lower Upper

276 100

138 35.4 23.1 34.7#

277 27.4 20.3 30.5

