

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061822\
 Data File : BM035519.D
 Acq On : 18 Jun 2022 13:23
 Operator : CG/JU
 Sample : SST0.445
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4045

Quant Time: Jun 20 01:40:31 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	7.858	152	3834	0.400	ng/ul	0.00
4) Naphthalene-d8	10.644	136	12987	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	6759	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	13234	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	11181	0.400	ng/ul	0.00
23) Perylene-d12	23.764	264	10200	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	2261	0.492	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	7374	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	14337	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	2244	0.486	ng/ul	100
5) Naphthalene	10.693	128	15808	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.321	142	8921	0.317	ng/ul	100
8) 1-Methylnaphthalene	12.525	142	8880	0.339	ng/ul	94
10) Acenaphthylene	14.201	152	13695	0.342	ng/ul	100
11) Acenaphthene	14.534	153	10255	0.355	ng/ul	100
12) Fluorene	15.538	166	11404	0.338	ng/ul	100
14) Pentachlorophenol	16.930	266	924	0.185	ng/ul#	61
15) Phenanthrene	17.272	178	17470	0.347	ng/ul	100
16) Anthracene	17.373	178	15218	0.331	ng/ul	100
19) Fluoranthene	19.285	202	20104	0.320	ng/ul	100
20) Pyrene	19.648	202	21295	0.334	ng/ul	100
21) Benzo(a)anthracene	21.400	228	15274	0.295	ng/ul	100
22) Chrysene	21.449	228	18203	0.338	ng/ul	100
24) Benzo(b)fluoranthene	23.051	252	16558	0.310	ng/ul	100
25) Benzo(k)fluoranthene	23.098	252	16416	0.322	ng/ul	100
26) Benzo(a)pyrene	23.668	252	17043	0.350	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.211	276	19774	0.411	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.221	278	16101	0.420	ng/ul	100
29) Benzo(g,h,i)perylene	26.946	276	17871	0.431	ng/ul	100

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

BNA M

ClientSampleId :
SSTD0.4045

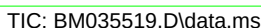
Quant Time: Jun 20 01:40:31 2022

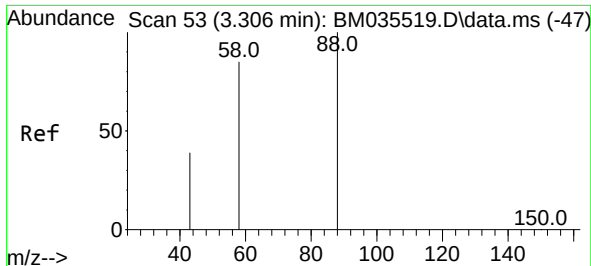
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM061822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 20 01:37:25 2022

Response via : Initial Calibration

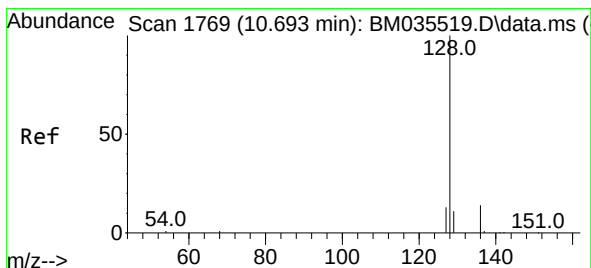
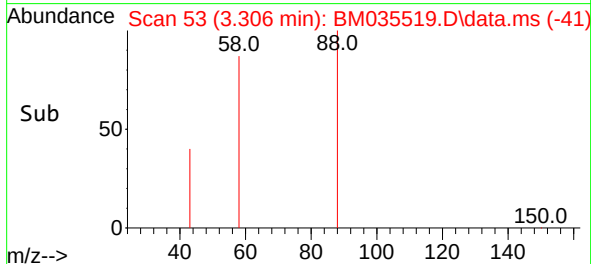
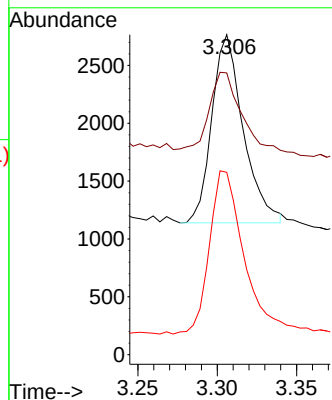
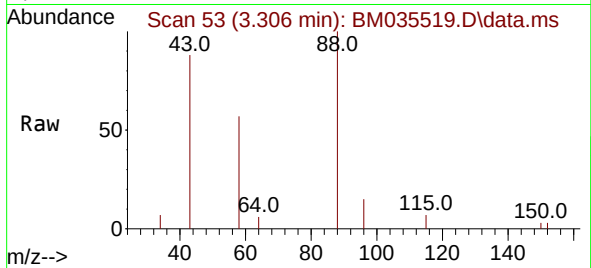




#2
1,4-Dioxane
Concen: 0.486 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

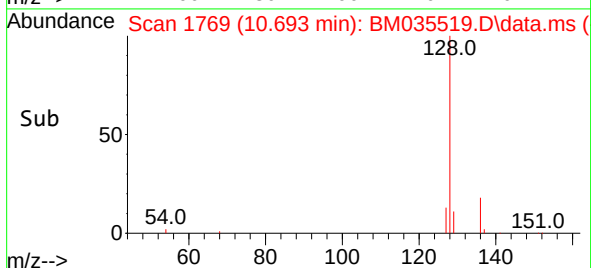
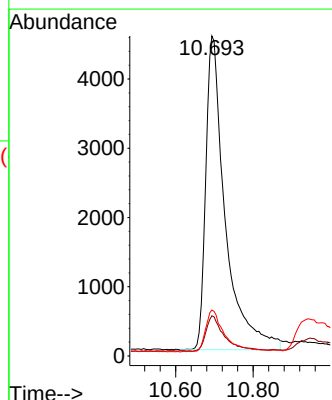
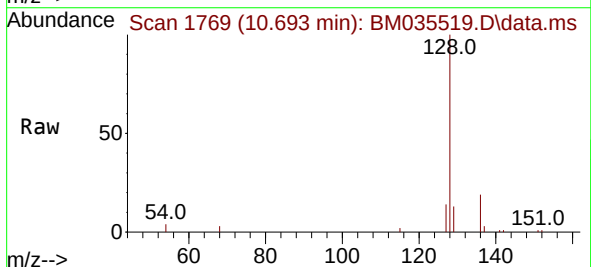
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

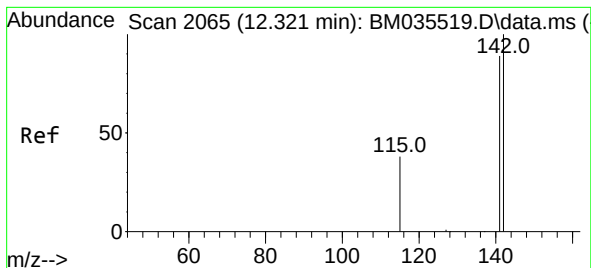
Tgt Ion: 88 Resp: 2244
Ion Ratio Lower Upper
88 100
43 88.0 70.4 105.6
58 57.0 45.6 68.4



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.693 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion: 128 Resp: 15808
Ion Ratio Lower Upper
128 100
129 12.6 10.1 15.1
127 14.3 11.4 17.2

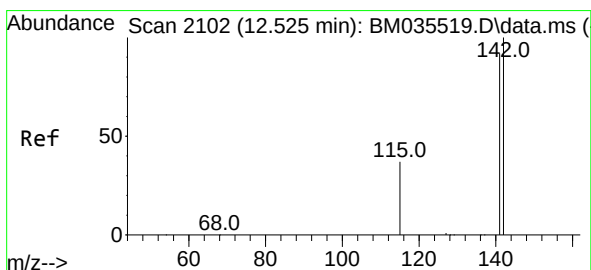
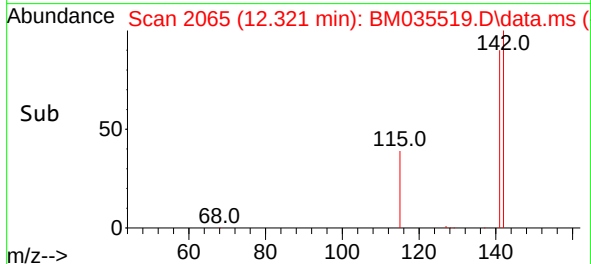
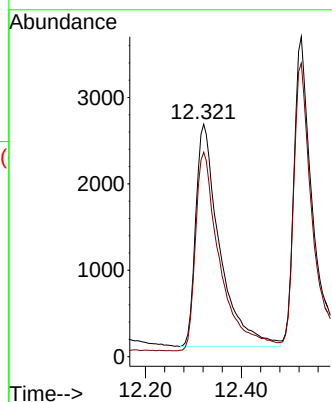
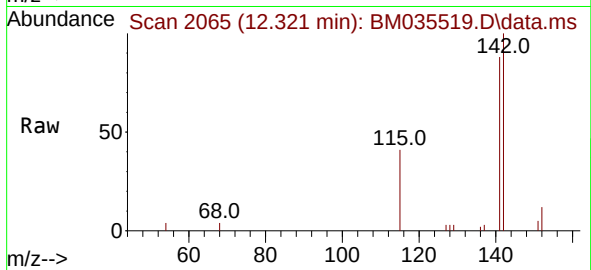




#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.321 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

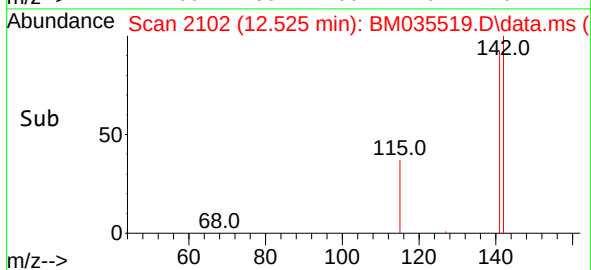
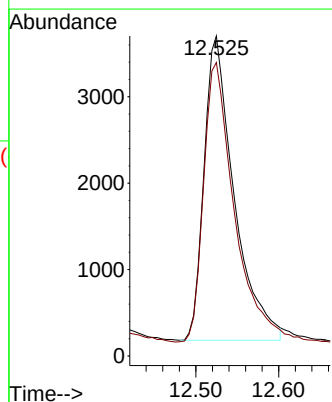
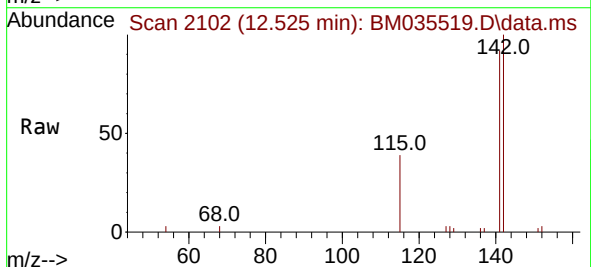
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

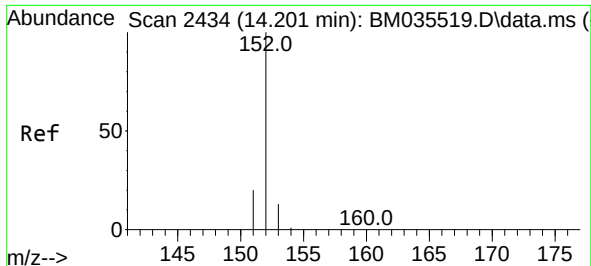
Tgt Ion:142 Resp: 8921
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion:142 Resp: 8880
Ion Ratio Lower Upper
142 100
141 93.2 70.1 105.1

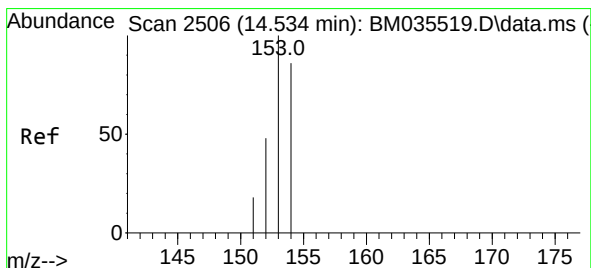
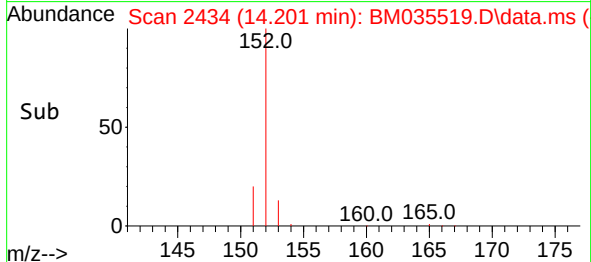
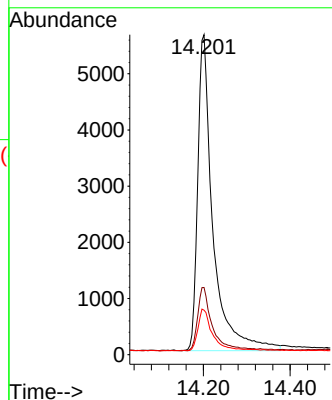
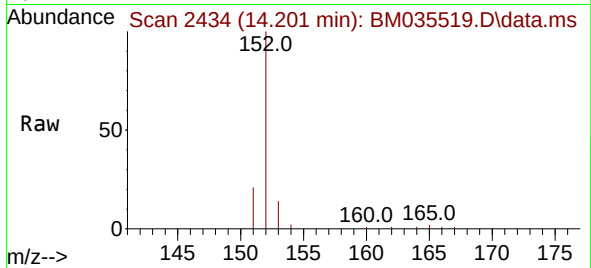




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

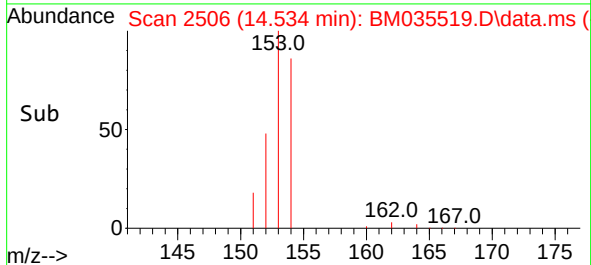
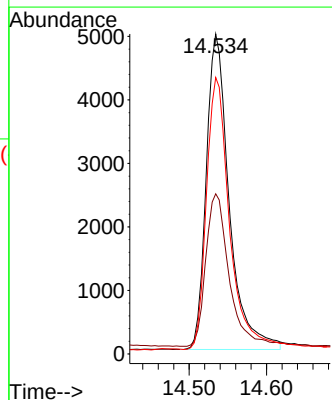
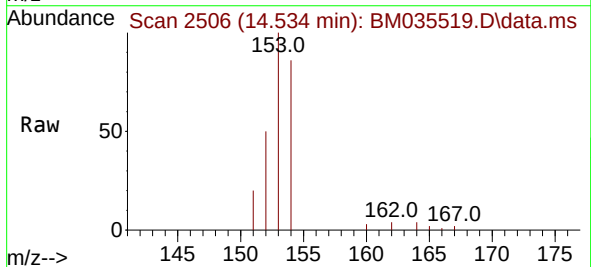
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

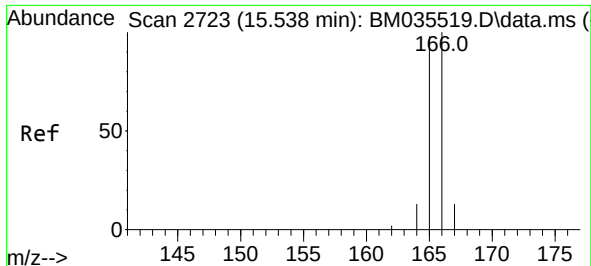
Tgt Ion:152 Resp: 13695
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion:153 Resp: 10255
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 86.4 69.1 103.7

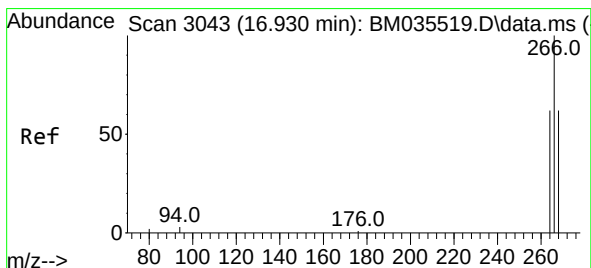
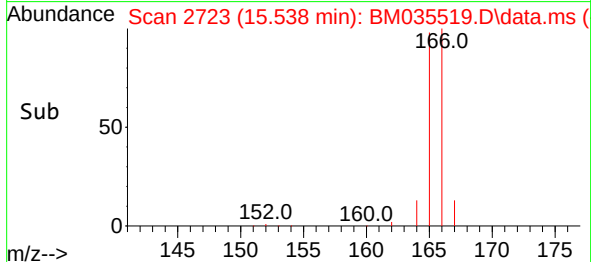
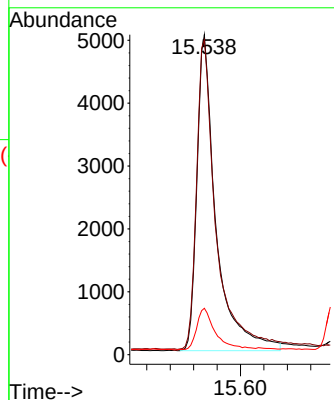
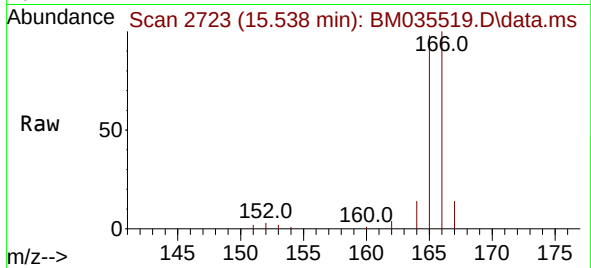




#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.538 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

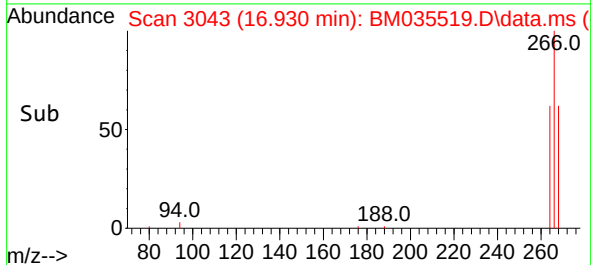
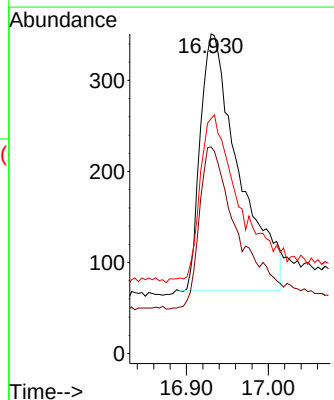
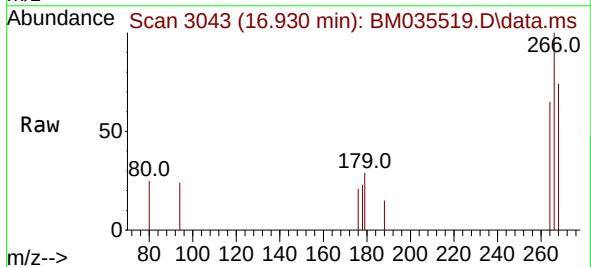
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

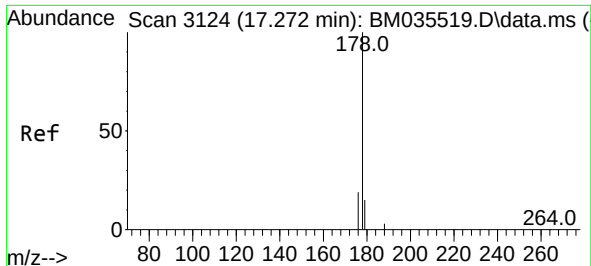
Tgt Ion:166 Resp: 11404
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 14.5 11.6 17.4



#14
Pentachlorophenol
Concen: 0.185 ng/ul
RT: 16.930 min Scan# 3043
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion:266 Resp: 924
Ion Ratio Lower Upper
266 100
264 63.7 31.4 47.2#
268 64.6 32.9 49.3#

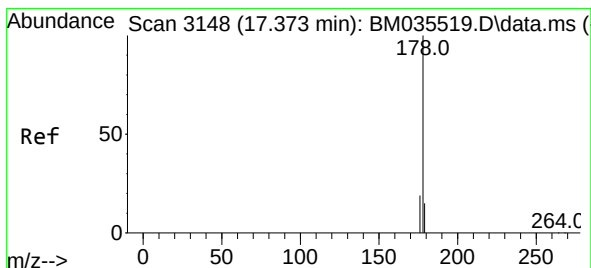
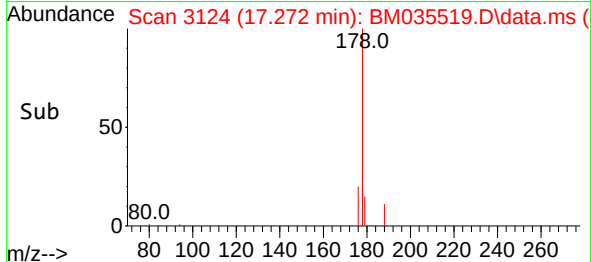
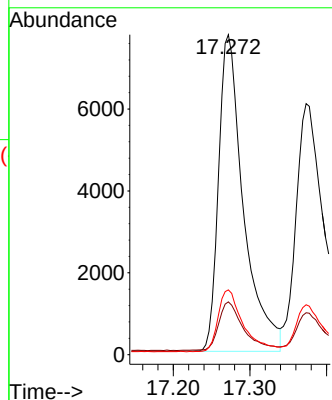
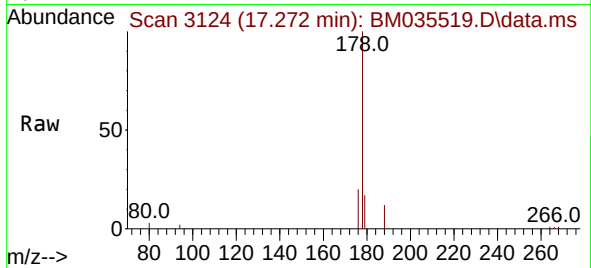




#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

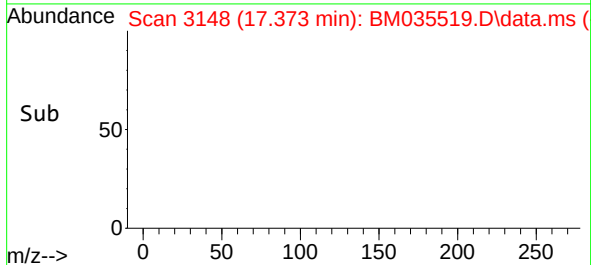
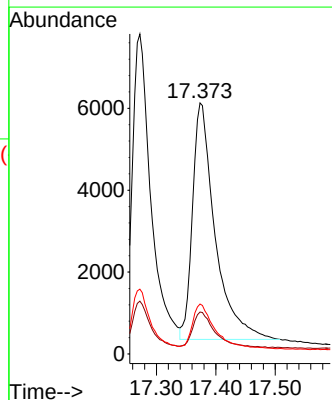
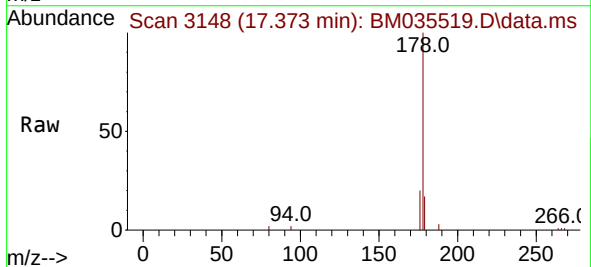
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

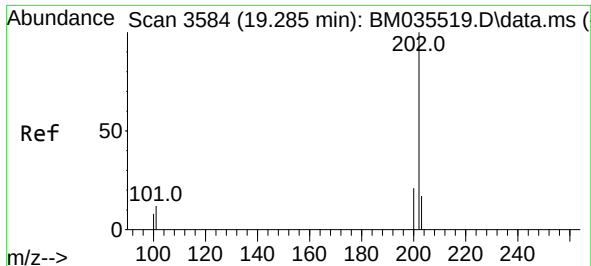
Tgt Ion:178 Resp: 17470
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 20.3 16.2 24.4



#16
Anthracene
Concen: 0.331 ng/ul
RT: 17.373 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion:178 Resp: 15218
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.0
176 19.9 15.9 23.9

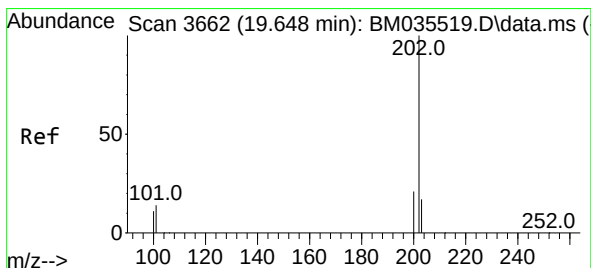
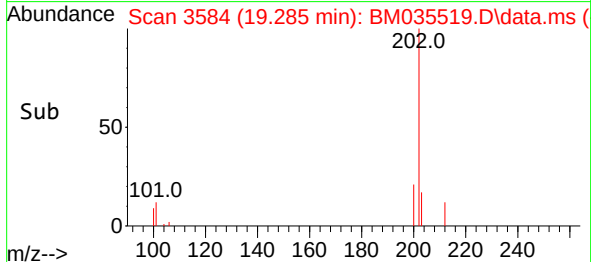
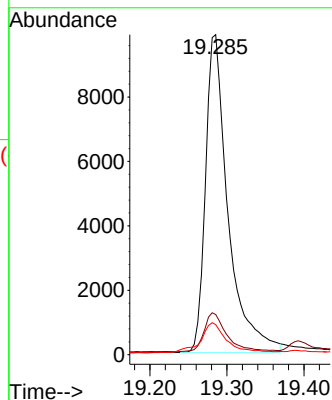
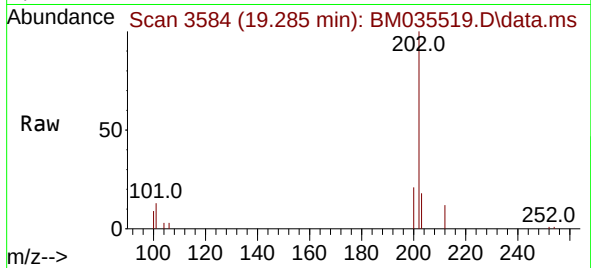




#19
Fluoranthene
Concen: 0.320 ng/u1
RT: 19.285 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

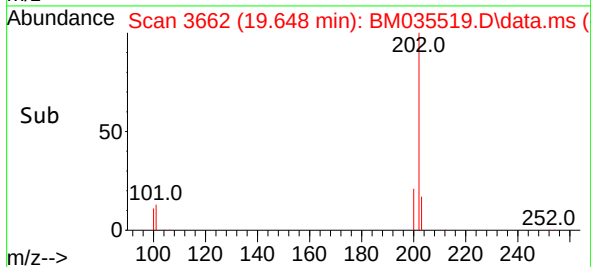
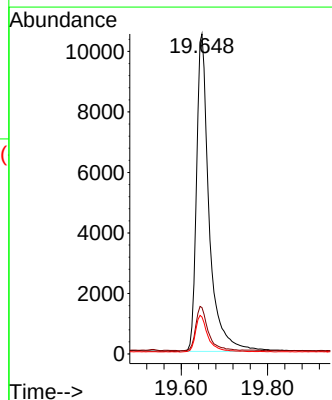
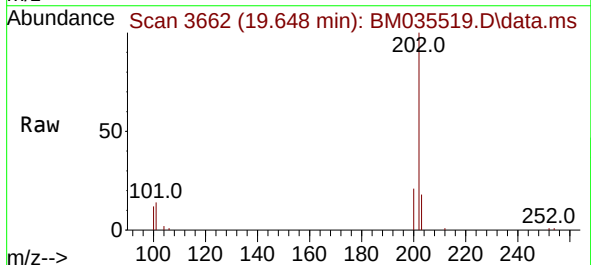
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

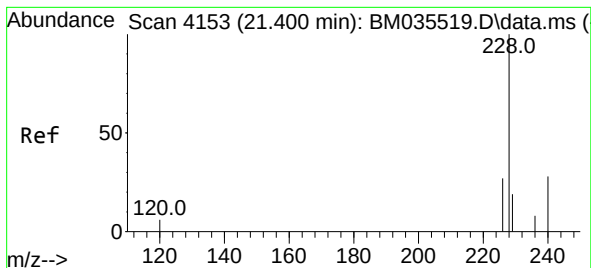
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
100	9.4	7.5	11.3



#20
Pyrene
Concen: 0.334 ng/u1
RT: 19.648 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.6	17.4
100	11.6	9.3	13.9





#21

Benzo(a)anthracene

Concen: 0.295 ng/ul

RT: 21.400 min Scan# 4153

Delta R.T. 0.000 min

Lab File: BM035519.D

Acq: 18 Jun 2022 13:23

Instrument :

BNA_M

ClientSampleId :

SSTD0.4045

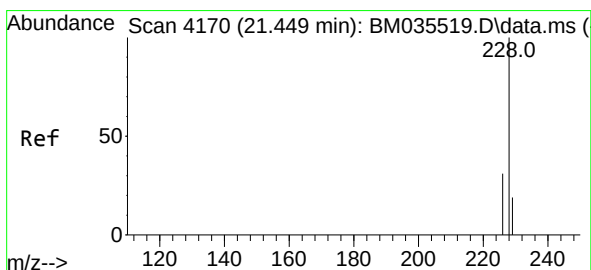
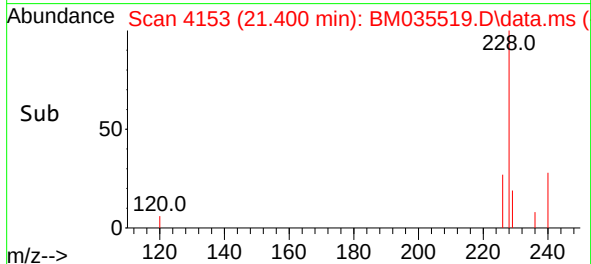
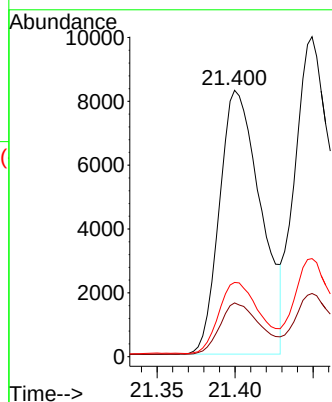
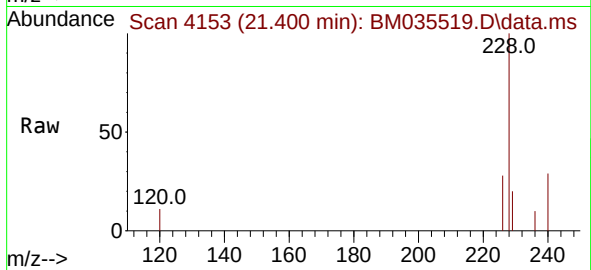
Tgt Ion:228 Resp: 15274

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.2

226 27.9 22.3 33.5



#22

Chrysene

Concen: 0.338 ng/ul

RT: 21.449 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BM035519.D

Acq: 18 Jun 2022 13:23

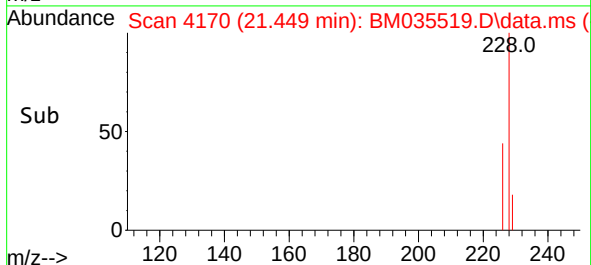
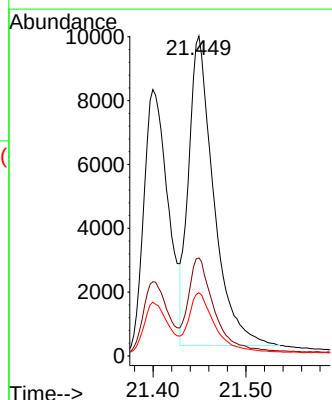
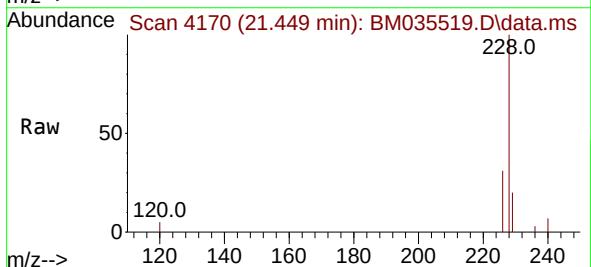
Tgt Ion:228 Resp: 18203

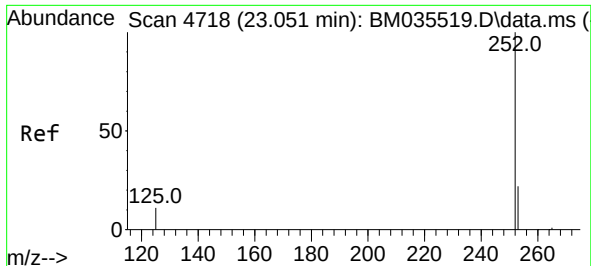
Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.8 15.8 23.8

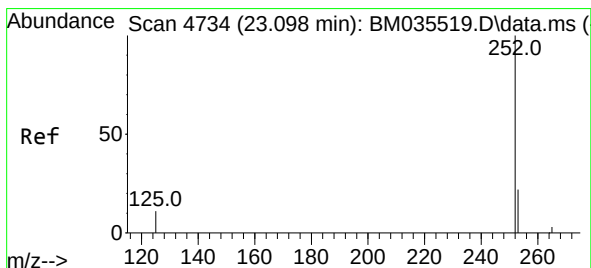
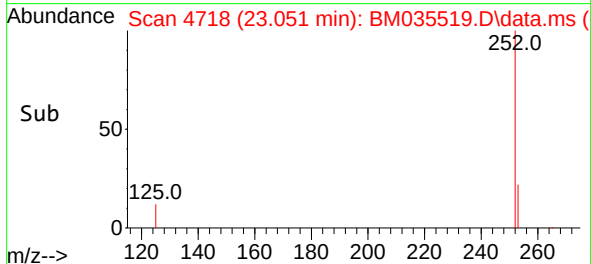
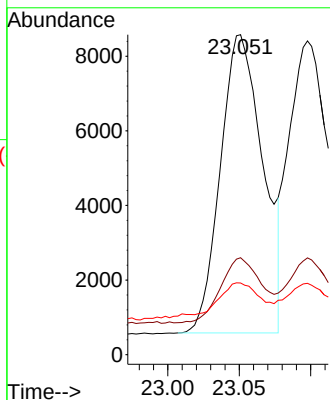
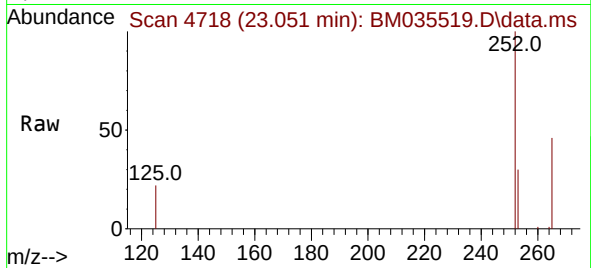




#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 23.051 min Scan# 4718
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

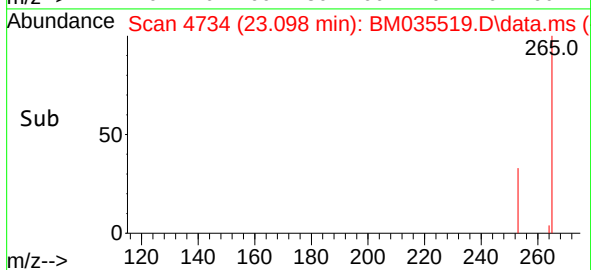
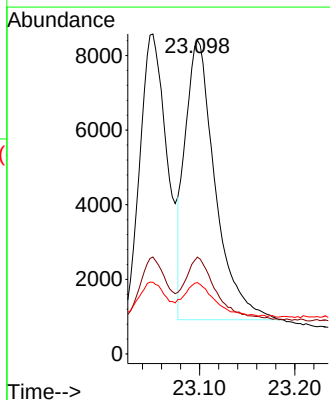
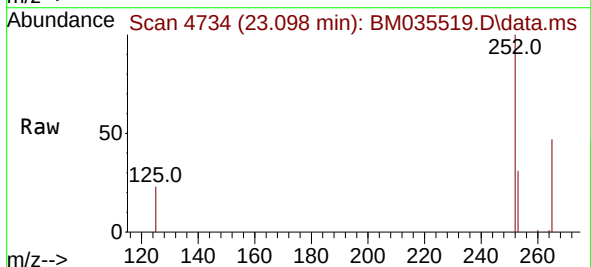
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

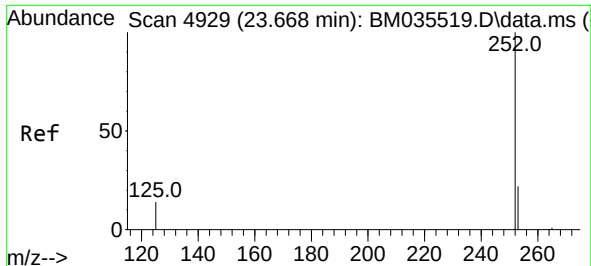
Tgt Ion:252 Resp: 16558
Ion Ratio Lower Upper
252 100
253 30.3 0.0 60.6
125 22.4 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.098 min Scan# 4734
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion:252 Resp: 16416
Ion Ratio Lower Upper
252 100
253 30.9 24.7 37.1
125 22.8 18.2 27.4

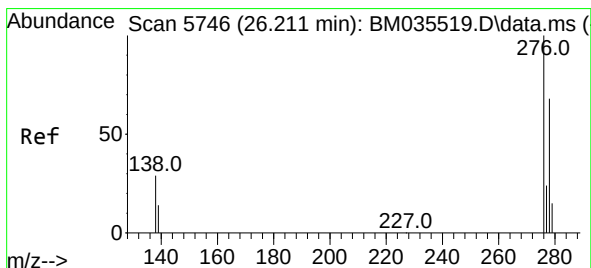
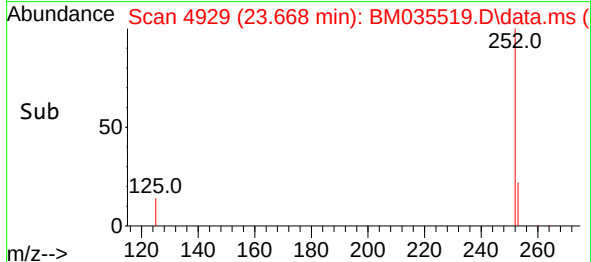
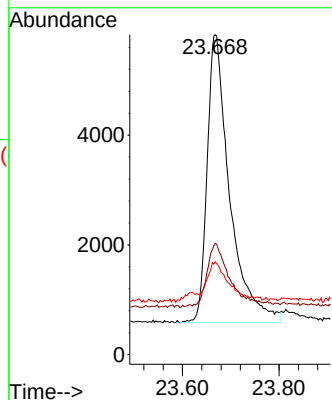
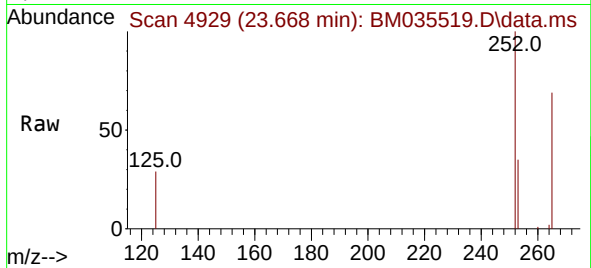




#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

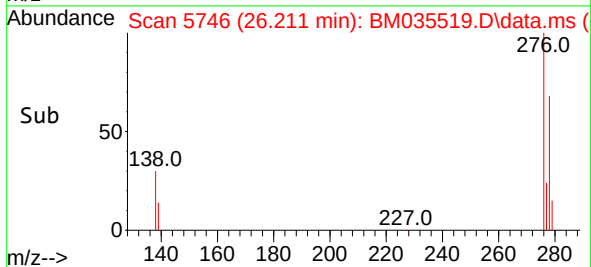
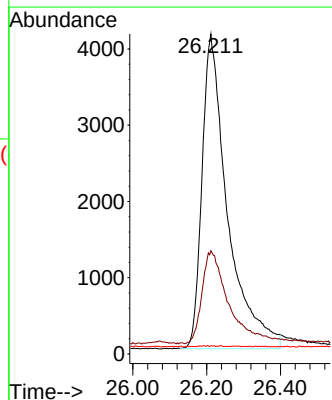
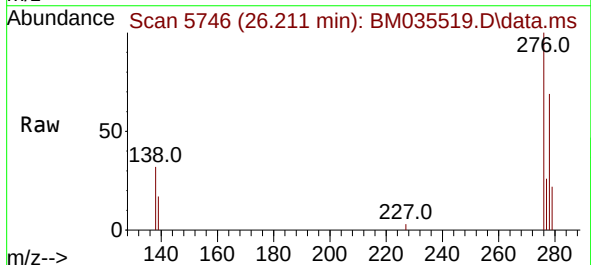
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

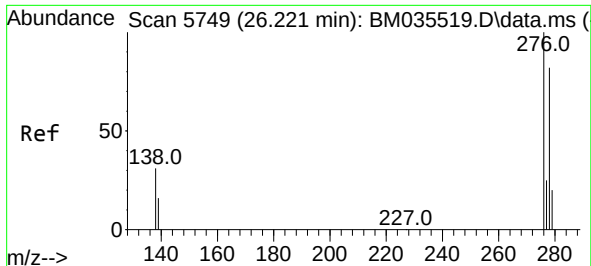
Tgt Ion:252 Resp: 17043
Ion Ratio Lower Upper
252 100
253 34.7 27.8 41.6
125 29.1 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 26.211 min Scan# 5746
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion:276 Resp: 19774
Ion Ratio Lower Upper
276 100
138 31.0 24.8 37.2
227 0.1 0.1 0.1#

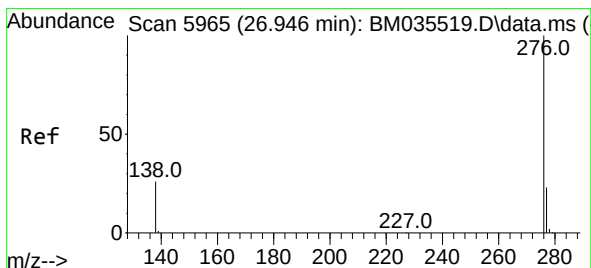
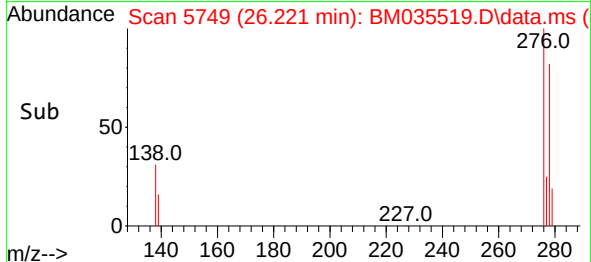
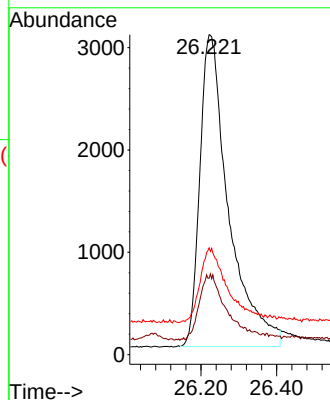
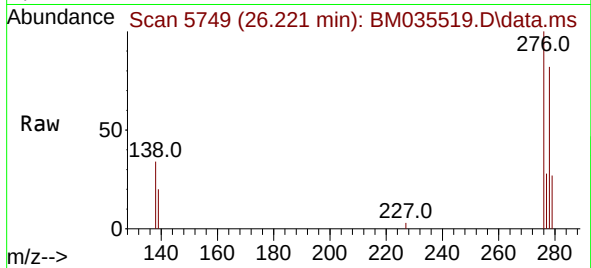




#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.221 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:278 Resp: 16101
Ion Ratio Lower Upper
278 100
139 23.9 19.1 28.7
279 33.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 26.946 min Scan# 5965
Delta R.T. 0.000 min
Lab File: BM035519.D
Acq: 18 Jun 2022 13:23

Tgt Ion:276 Resp: 17871
Ion Ratio Lower Upper
276 100
138 28.9 23.1 34.7
277 25.4 20.3 30.5

