

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035576.D
 Acq On : 21 Jun 2022 17:22
 Operator : CG/JU
 Sample : PB145552BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS552

Quant Time: Jun 22 01:32:56 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)

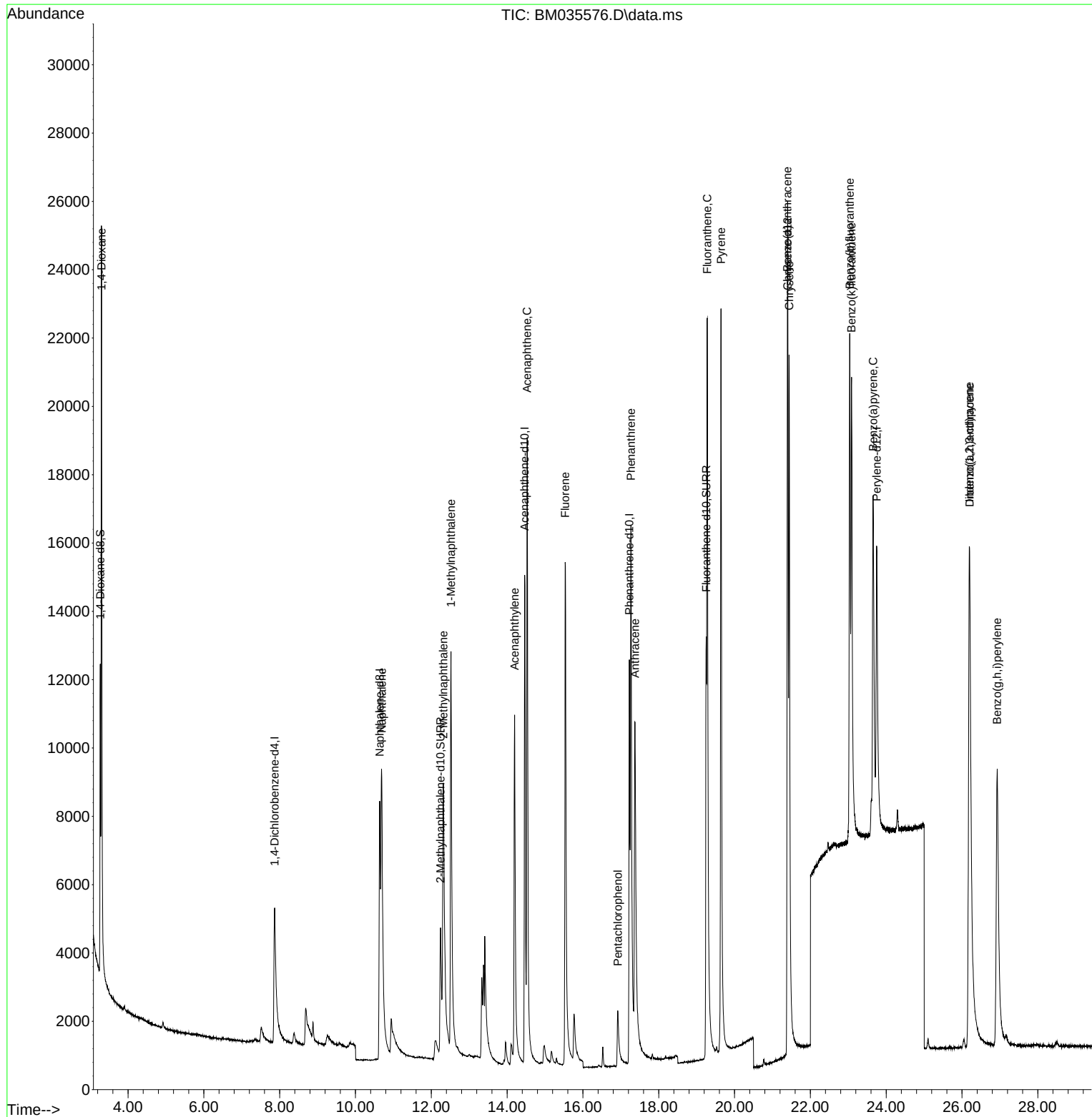
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	5067	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	19479	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	10652	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	19824	0.400	ng/ul	0.00
17) Chrysene-d12	21.402	240	15673	0.400	ng/ul	0.00
23) Perylene-d12	23.749	264	14794	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	5212	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	10016	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	18576	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	13202	1.860	ng/ul#	57
5) Naphthalene	10.693	128	19583	0.297	ng/ul	99
7) 2-Methylnaphthalene	12.316	142	11695	0.310	ng/ul	98
8) 1-Methylnaphthalene	12.519	142	12356	0.357	ng/ul	98
10) Acenaphthylene	14.196	152	18733	0.312	ng/ul	99
11) Acenaphthene	14.529	153	14059	0.316	ng/ul	99
12) Fluorene	15.533	166	15513	0.309	ng/ul	99
14) Pentachlorophenol	16.921	266	2242	0.590	ng/ul	99
15) Phenanthrene	17.268	178	22963	0.316	ng/ul	99
16) Anthracene	17.373	178	19687	0.309	ng/ul	100
19) Fluoranthene	19.281	202	25873	0.323	ng/ul	99
20) Pyrene	19.643	202	27255	0.324	ng/ul	99
21) Benzo(a)anthracene	21.394	228	19311	0.326	ng/ul	100
22) Chrysene	21.440	228	24118	0.342	ng/ul	100
24) Benzo(b)fluoranthene	23.039	252	22367	0.345	ng/ul	96
25) Benzo(k)fluoranthene	23.086	252	21930	0.326	ng/ul	97
26) Benzo(a)pyrene	23.656	252	22981	0.342	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.194	276	27295	0.353	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.201	278	22293	0.353	ng/ul	98
29) Benzo(g,h,i)perylene	26.929	276	24514	0.354	ng/ul	99

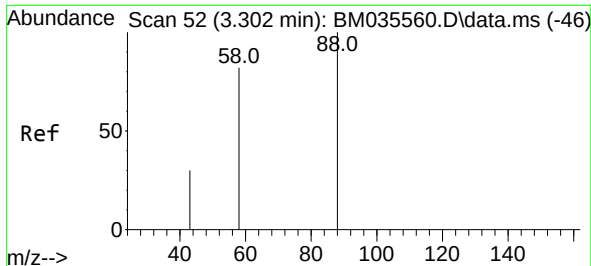
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035576.D
Acq On : 21 Jun 2022 17:22
Operator : CG/JU
Sample : PB145552BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS552

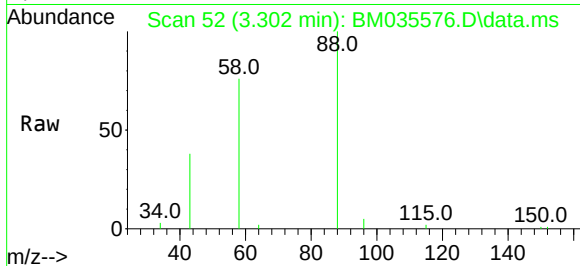
Quant Time: Jun 22 01:32:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration



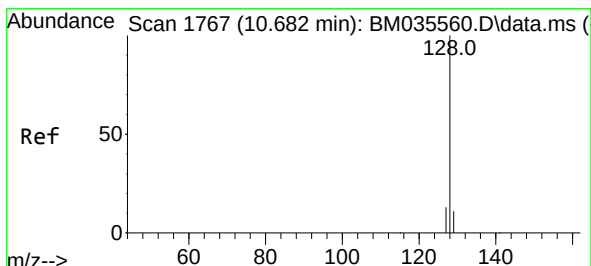
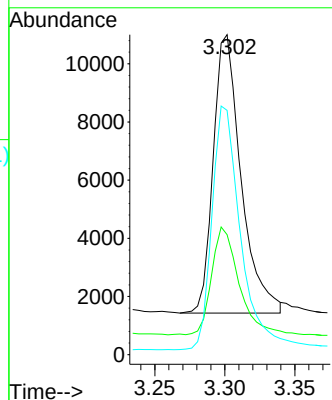
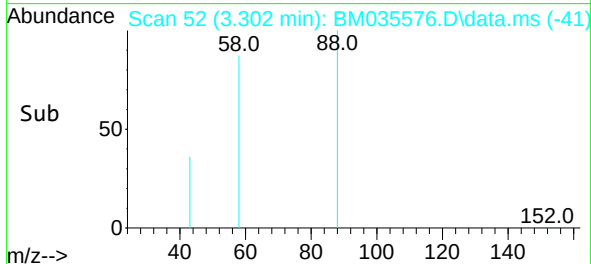


#2
1,4-Dioxane
Concen: 1.860 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

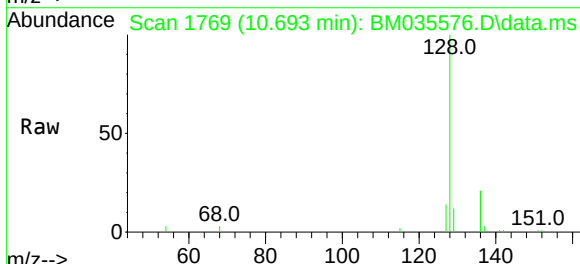
Instrument :
BNA_M
ClientSampleId :
SLCS552



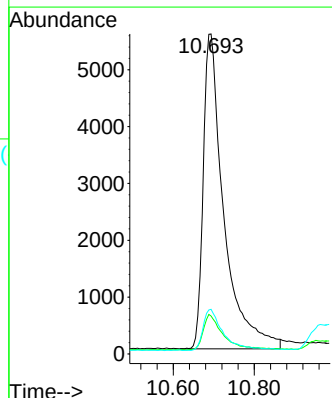
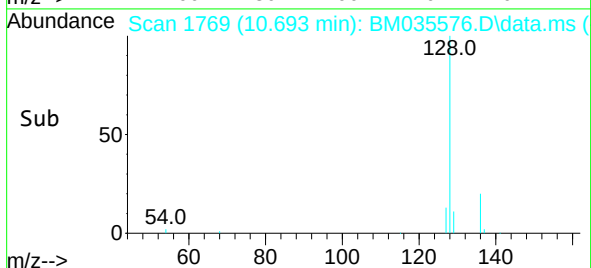
Tgt Ion: 88 Resp: 13202
Ion Ratio Lower Upper
88 100
43 37.5 70.4 105.6#
58 76.4 45.6 68.4#

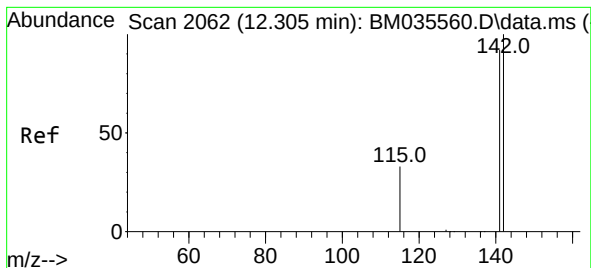


#5
Naphthalene
Concen: 0.297 ng/ul
RT: 10.693 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22



Tgt Ion: 128 Resp: 19583
Ion Ratio Lower Upper
128 100
129 11.8 10.1 15.1
127 14.0 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.310 ng/ul

RT: 12.316 min Scan# 2062

Delta R.T. -0.006 min

Lab File: BM035576.D

Acq: 21 Jun 2022 17:22

Instrument :

BNA_M

ClientSampleId :

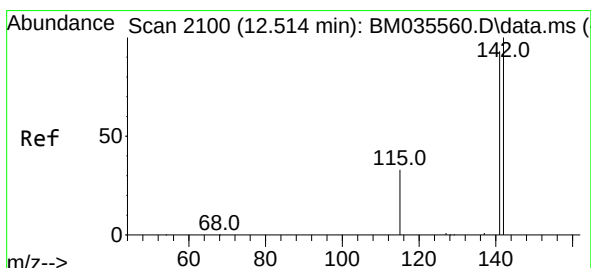
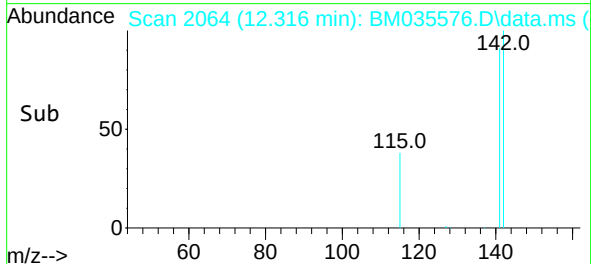
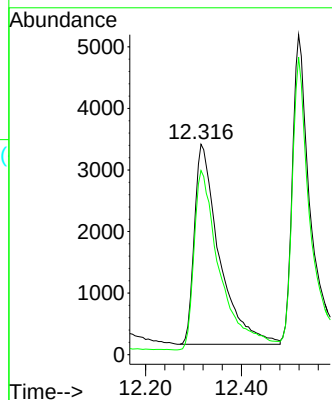
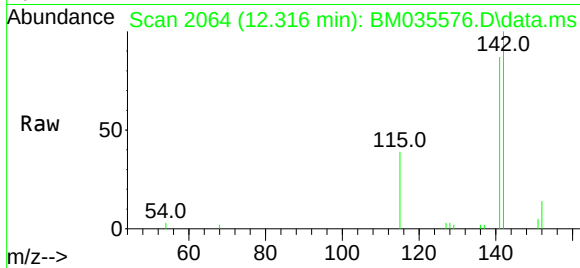
SLCS552

Tgt Ion:142 Resp: 11695

Ion Ratio Lower Upper

142 100

141 94.0 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.357 ng/ul

RT: 12.519 min Scan# 2101

Delta R.T. -0.006 min

Lab File: BM035576.D

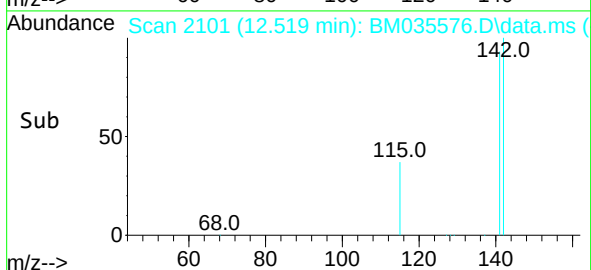
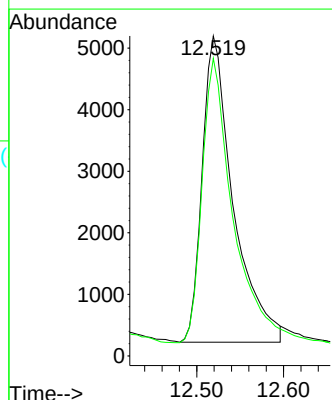
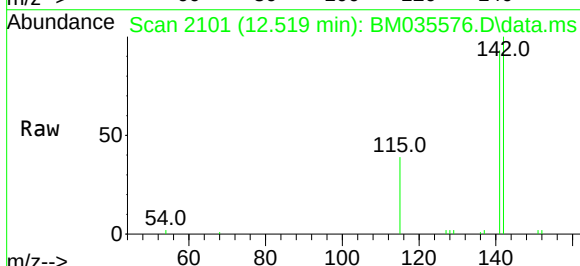
Acq: 21 Jun 2022 17:22

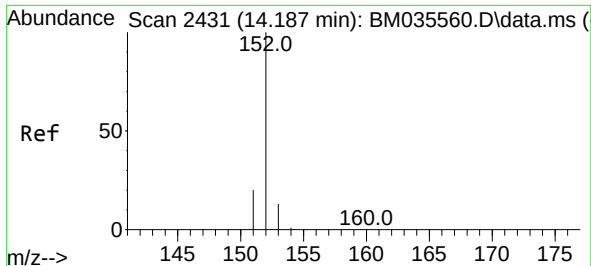
Tgt Ion:142 Resp: 12356

Ion Ratio Lower Upper

142 100

141 91.2 74.6 111.8

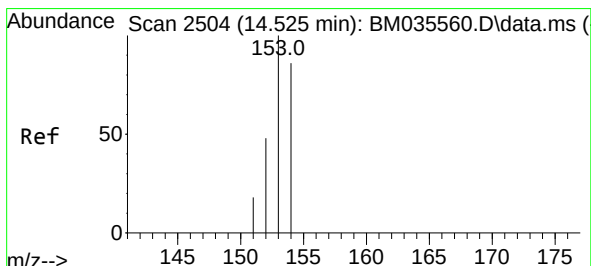
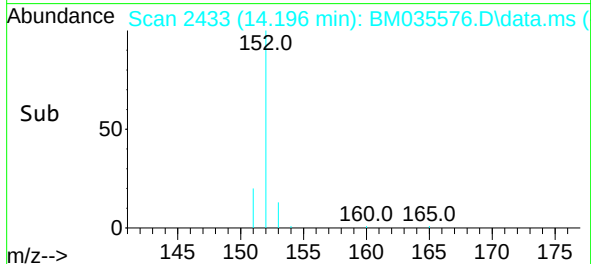
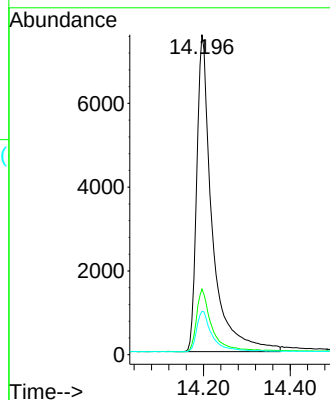
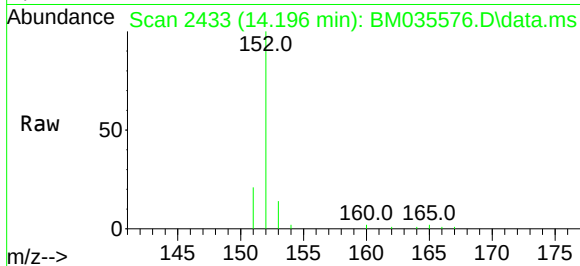




#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.196 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

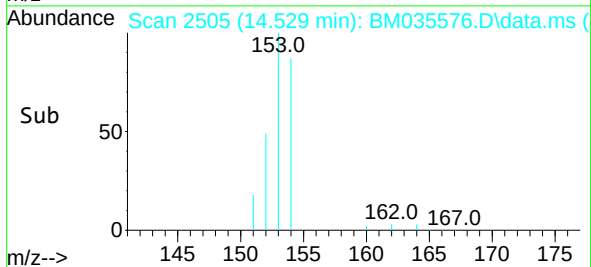
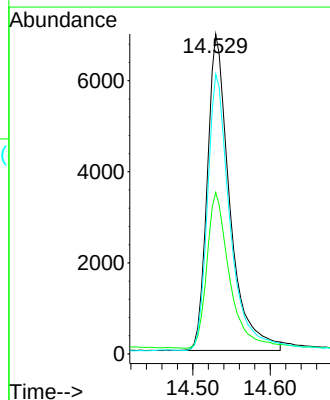
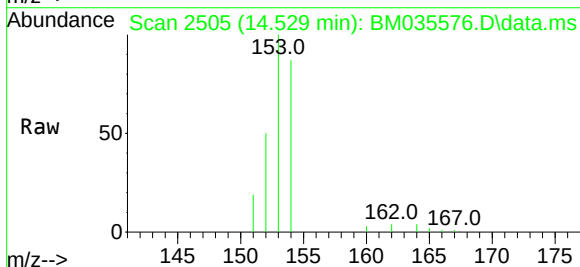
Instrument :
BNA_M
ClientSampleId :
SLCS552

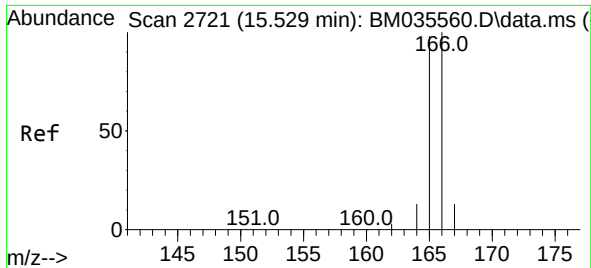
Tgt Ion:152 Resp: 18733
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.316 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

Tgt Ion:153 Resp: 14059
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 87.5 69.1 103.7

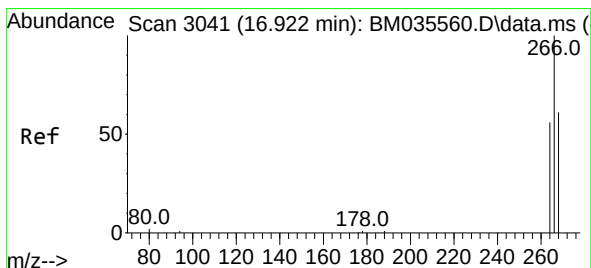
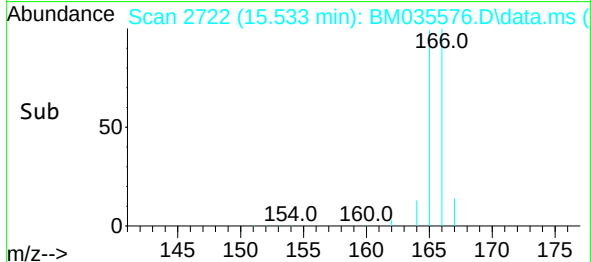
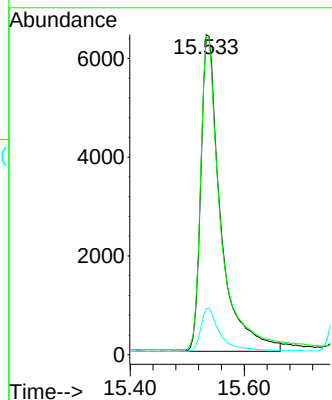
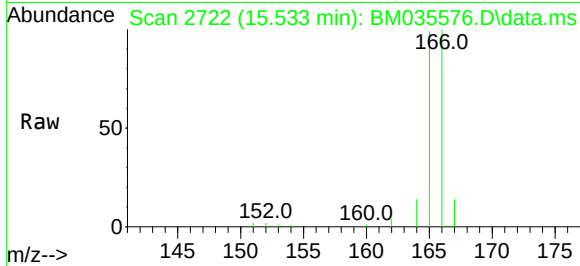




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.533 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

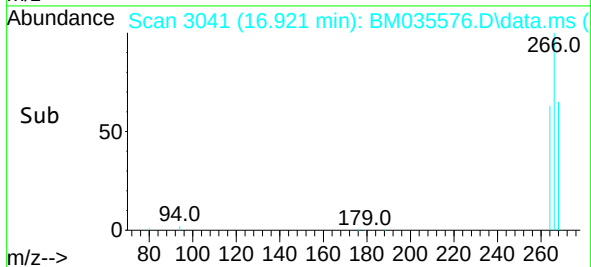
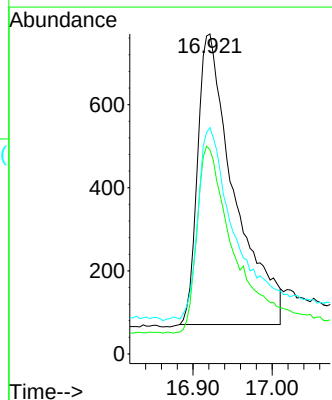
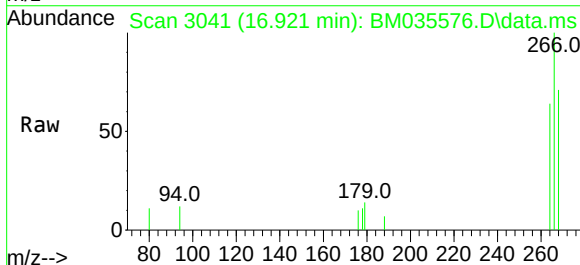
Instrument :
BNA_M
ClientSampleId :
SLCS552

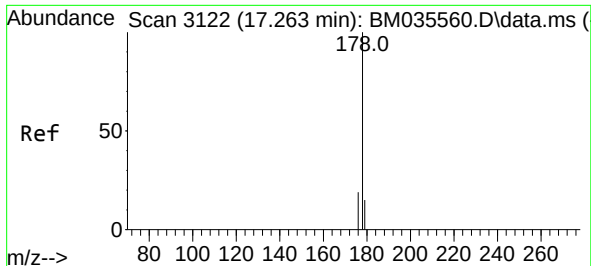
Tgt Ion:166 Resp: 15513
Ion Ratio Lower Upper
166 100
165 99.4 78.7 118.1
167 14.4 11.6 17.4



#14
Pentachlorophenol
Concen: 0.590 ng/ul
RT: 16.921 min Scan# 3041
Delta R.T. -0.009 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

Tgt Ion:266 Resp: 2242
Ion Ratio Lower Upper
266 100
264 63.6 51.0 76.4
268 66.2 51.7 77.5

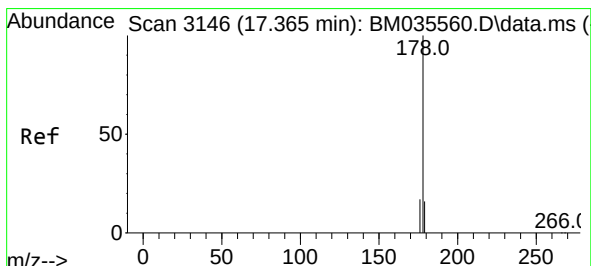
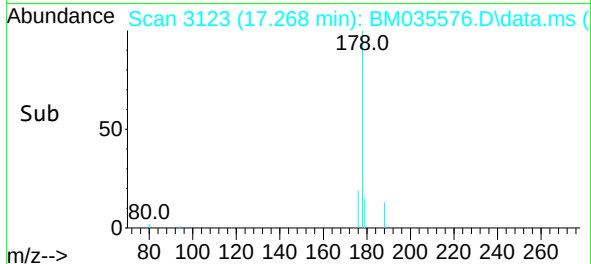
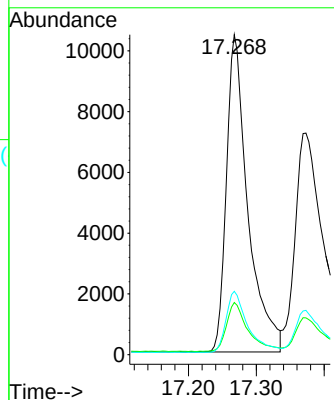
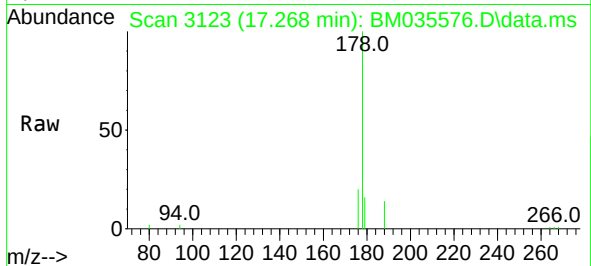




#15
Phenanthrene
Concen: 0.316 ng/u1
RT: 17.268 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

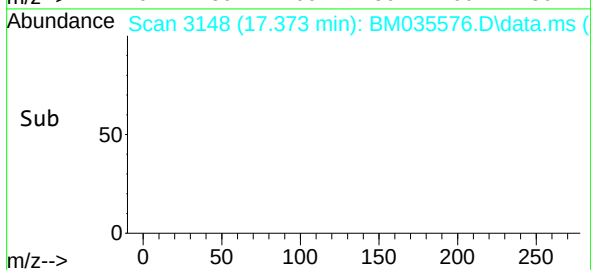
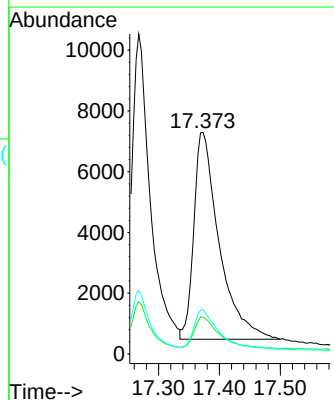
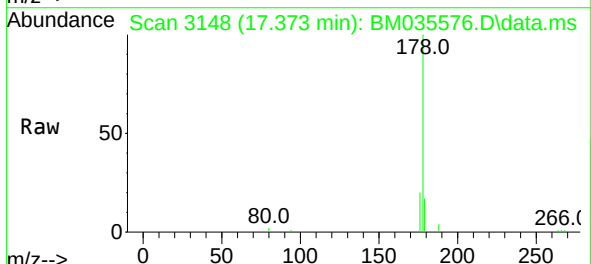
Instrument :
BNA_M
ClientSampleId :
SLCS552

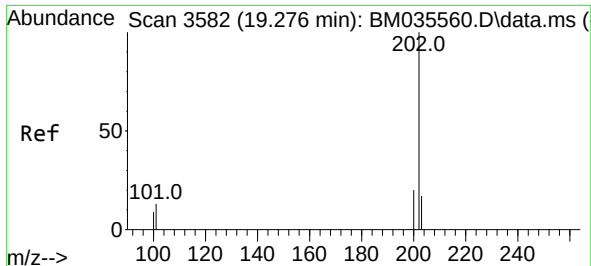
Tgt Ion:178	Resp:	22963
Ion Ratio	Lower	Upper
178	100	
179	16.3	13.2 19.8
176	19.8	16.2 24.4



#16
Anthracene
Concen: 0.309 ng/u1
RT: 17.373 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

Tgt Ion:178	Resp:	19687
Ion Ratio	Lower	Upper
178	100	
179	16.6	13.4 20.0
176	20.0	15.9 23.9

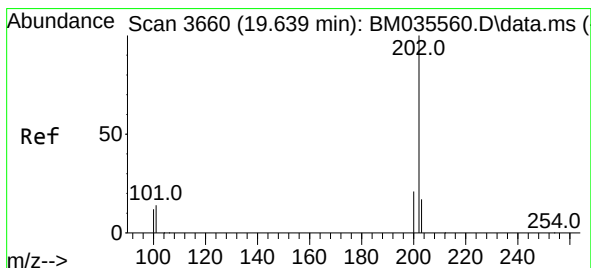
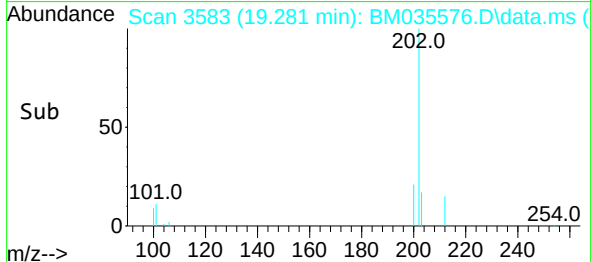
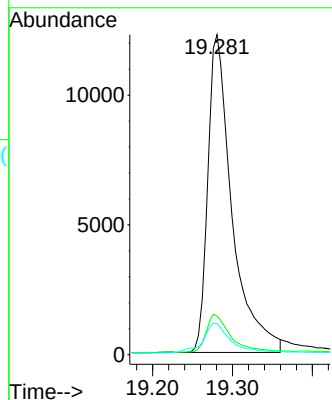
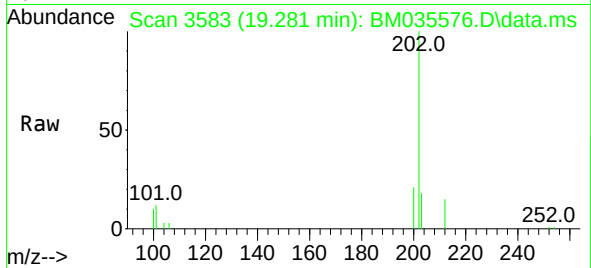




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.281 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

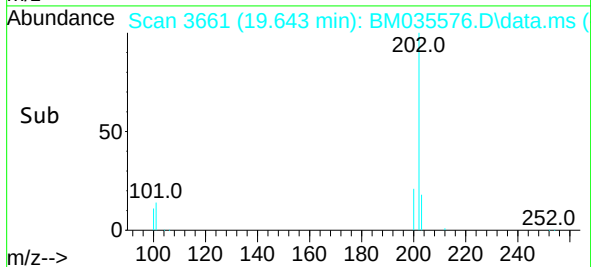
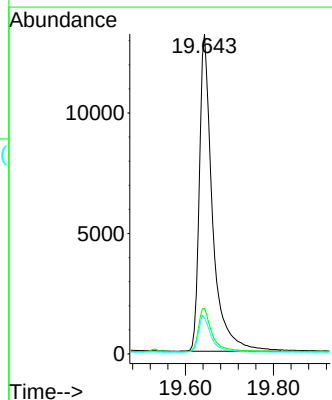
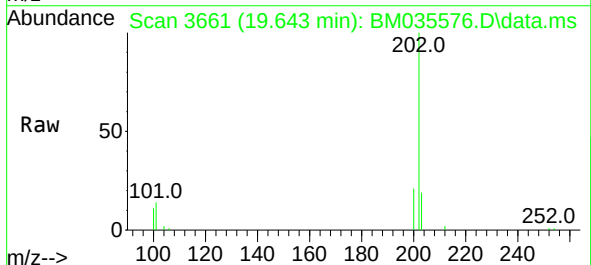
Instrument :
BNA_M
ClientSampleId :
SLCS552

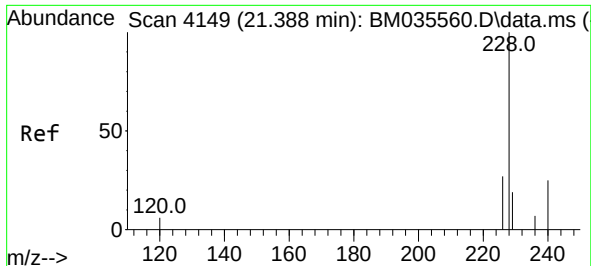
Tgt Ion:202 Resp: 25873
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 9.7 7.5 11.3



#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.643 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

Tgt Ion:202 Resp: 27255
Ion Ratio Lower Upper
202 100
101 14.2 11.6 17.4
100 11.3 9.3 13.9

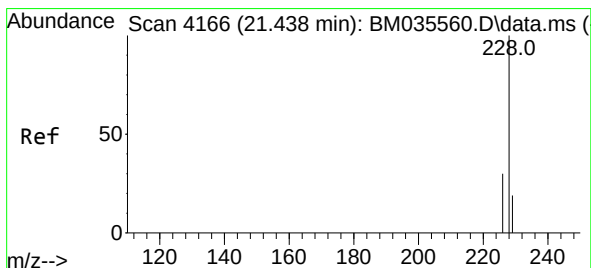
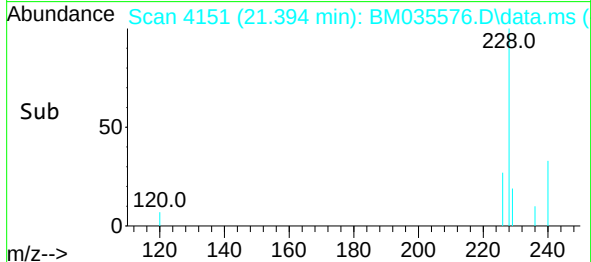
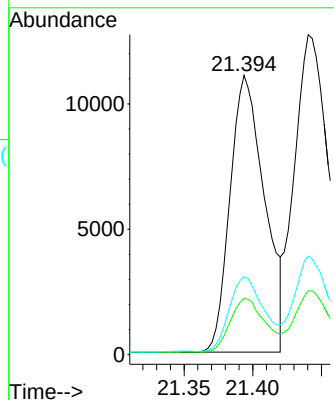
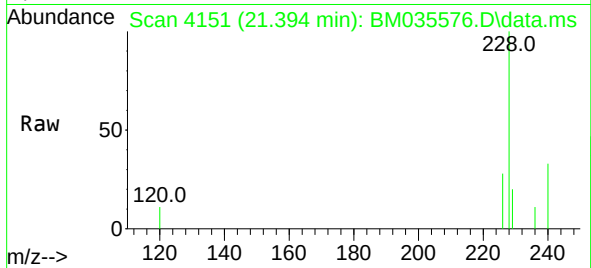




#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.394 min Scan# 4149
Delta R.T. -0.006 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

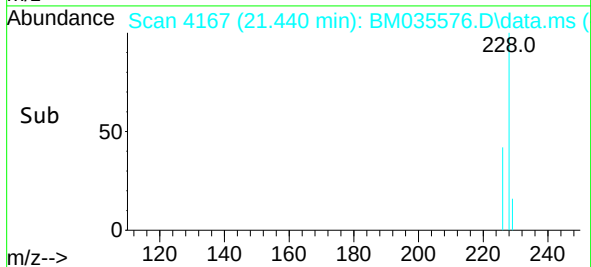
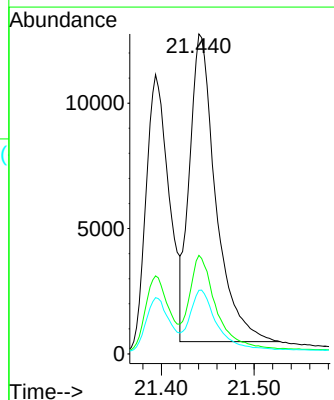
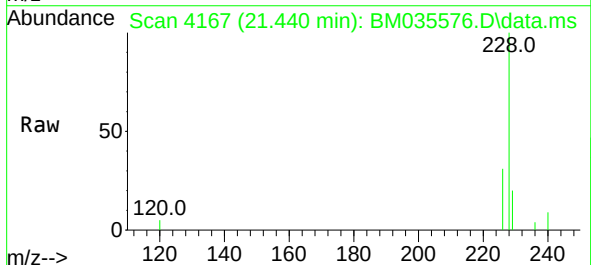
Instrument :
BNA_M
ClientSampleId :
SLCS552

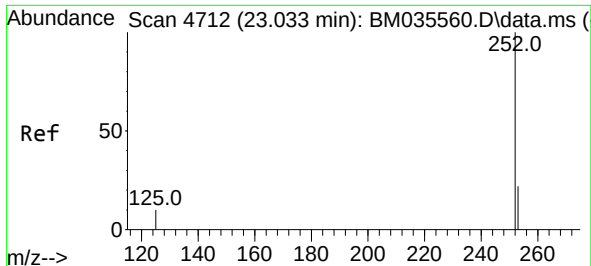
Tgt Ion:228 Resp: 19311
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 28.0 22.3 33.5



#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.440 min Scan# 4167
Delta R.T. -0.009 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

Tgt Ion:228 Resp: 24118
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 19.9 15.8 23.8

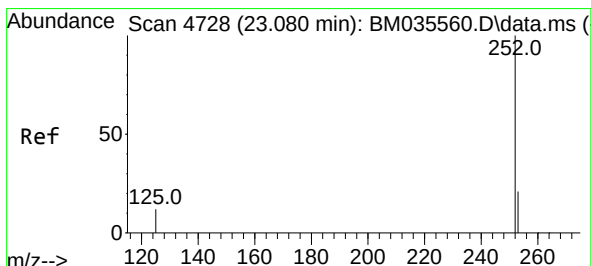
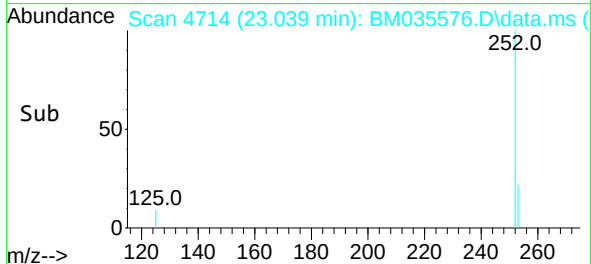
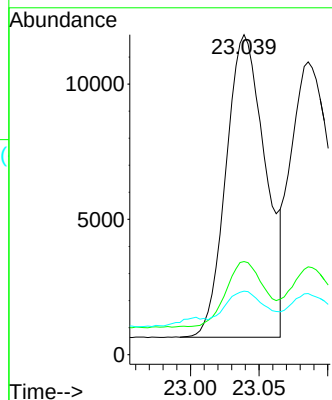
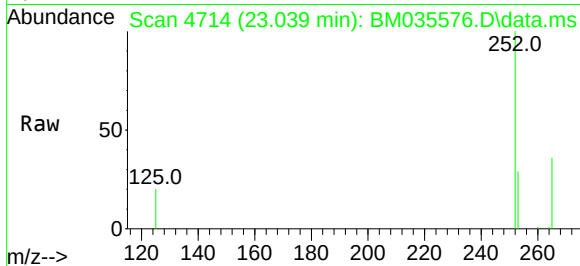




#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.039 min Scan# 4712
Delta R.T. -0.012 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

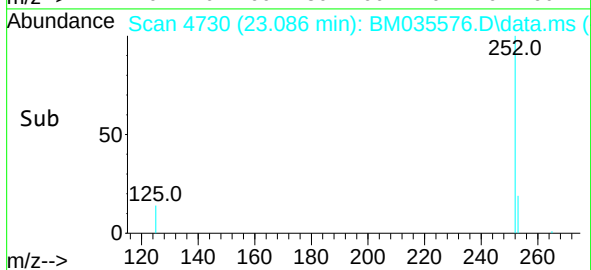
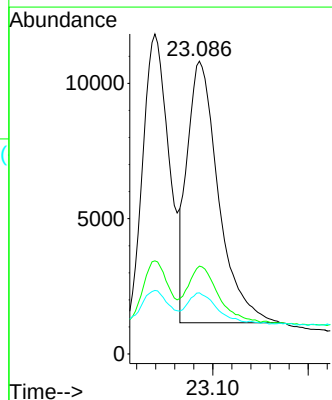
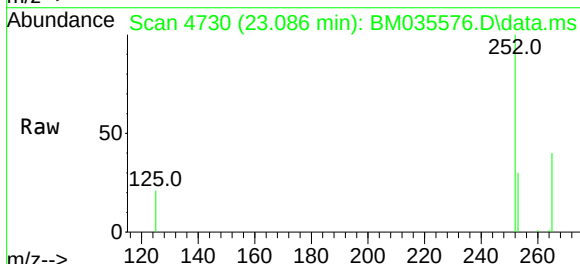
Instrument :
BNA_M
ClientSampleId :
SLCS552

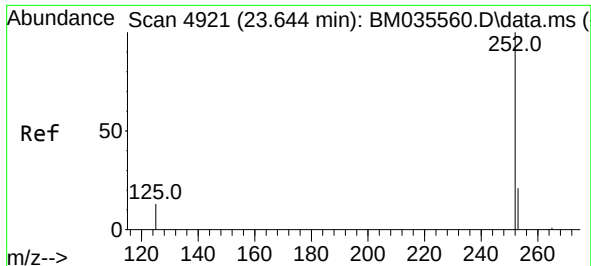
Tgt Ion:252 Resp: 22367
Ion Ratio Lower Upper
252 100
253 29.1 0.0 60.6
125 19.9 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.086 min Scan# 4730
Delta R.T. -0.012 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

Tgt Ion:252 Resp: 21930
Ion Ratio Lower Upper
252 100
253 30.0 24.7 37.1
125 20.9 18.2 27.4

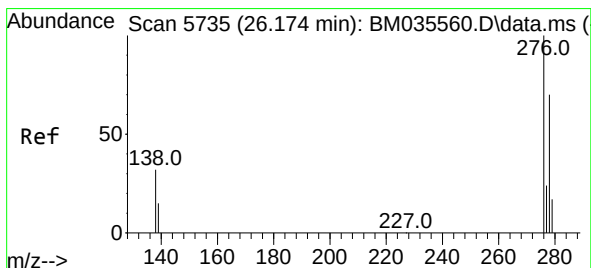
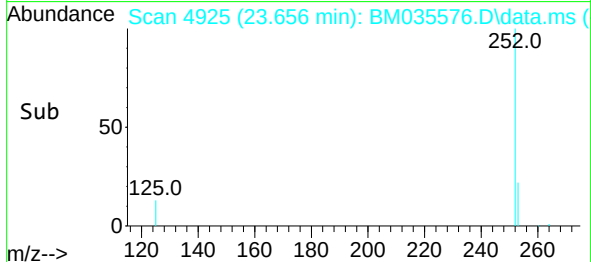
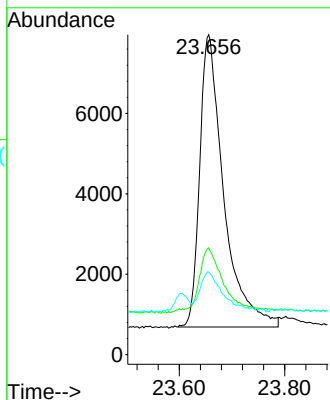
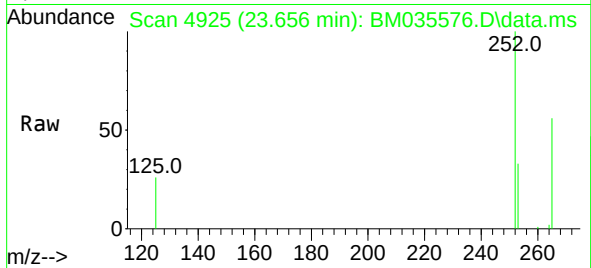




#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 23.656 min Scan# 4925
Delta R.T. -0.012 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

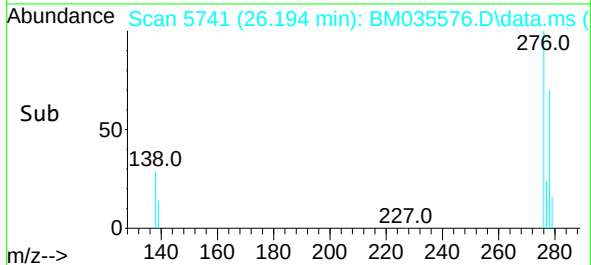
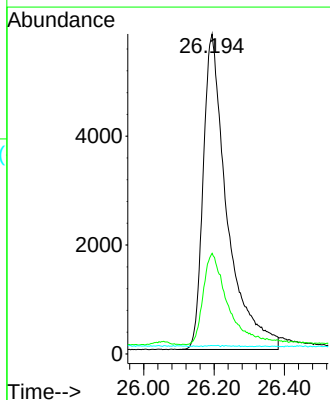
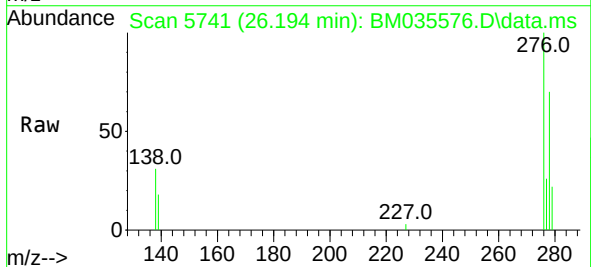
Instrument :
BNA_M
ClientSampleId :
SLCS552

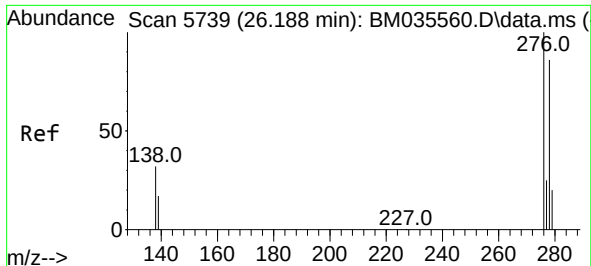
Tgt Ion:252	Resp:	22981
Ion Ratio	Lower	Upper
252	100	
253	33.4	27.8 41.6
125	25.9	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.194 min Scan# 5741
Delta R.T. -0.017 min
Lab File: BM035576.D
Acq: 21 Jun 2022 17:22

Tgt Ion:276	Resp:	27295
Ion Ratio	Lower	Upper
276	100	
138	30.1	24.8 37.2
227	0.1	0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.353 ng/ul

RT: 26.201 min Scan# 51

Delta R.T. -0.020 min

Lab File: BM035576.D

Acq: 21 Jun 2022 17:22

Instrument :

BNA_M

ClientSampleId :

SLCS552

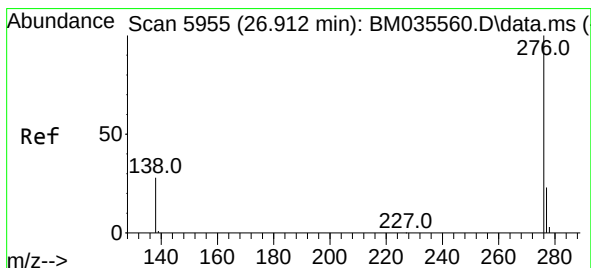
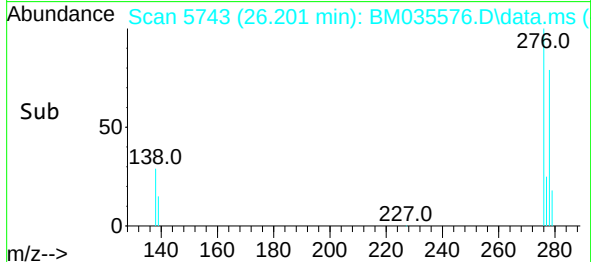
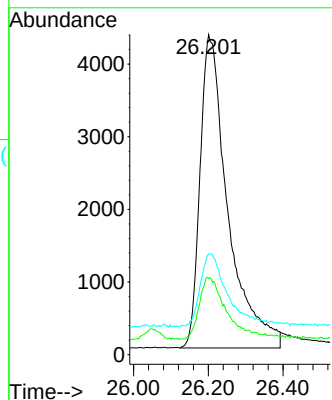
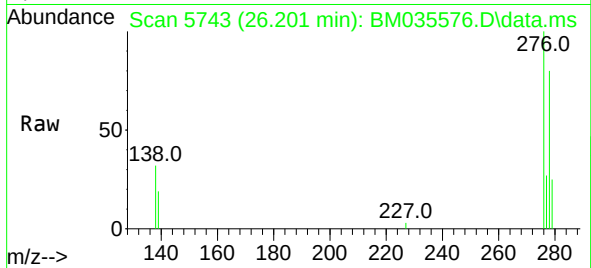
Tgt Ion:278 Resp: 22293

Ion Ratio Lower Upper

278 100

139 23.8 19.1 28.7

279 31.4 26.7 40.1



#29

Benzo(g,h,i)perylene

Concen: 0.354 ng/ul

RT: 26.929 min Scan# 5960

Delta R.T. -0.017 min

Lab File: BM035576.D

Acq: 21 Jun 2022 17:22

Tgt Ion:276 Resp: 24514

Ion Ratio Lower Upper

276 100

138 28.3 23.1 34.7

277 26.1 20.3 30.5

