

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035577.D
 Acq On : 21 Jun 2022 17:58
 Operator : CG/JU
 Sample : PB145549BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS549

Quant Time: Jun 22 01:33:02 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

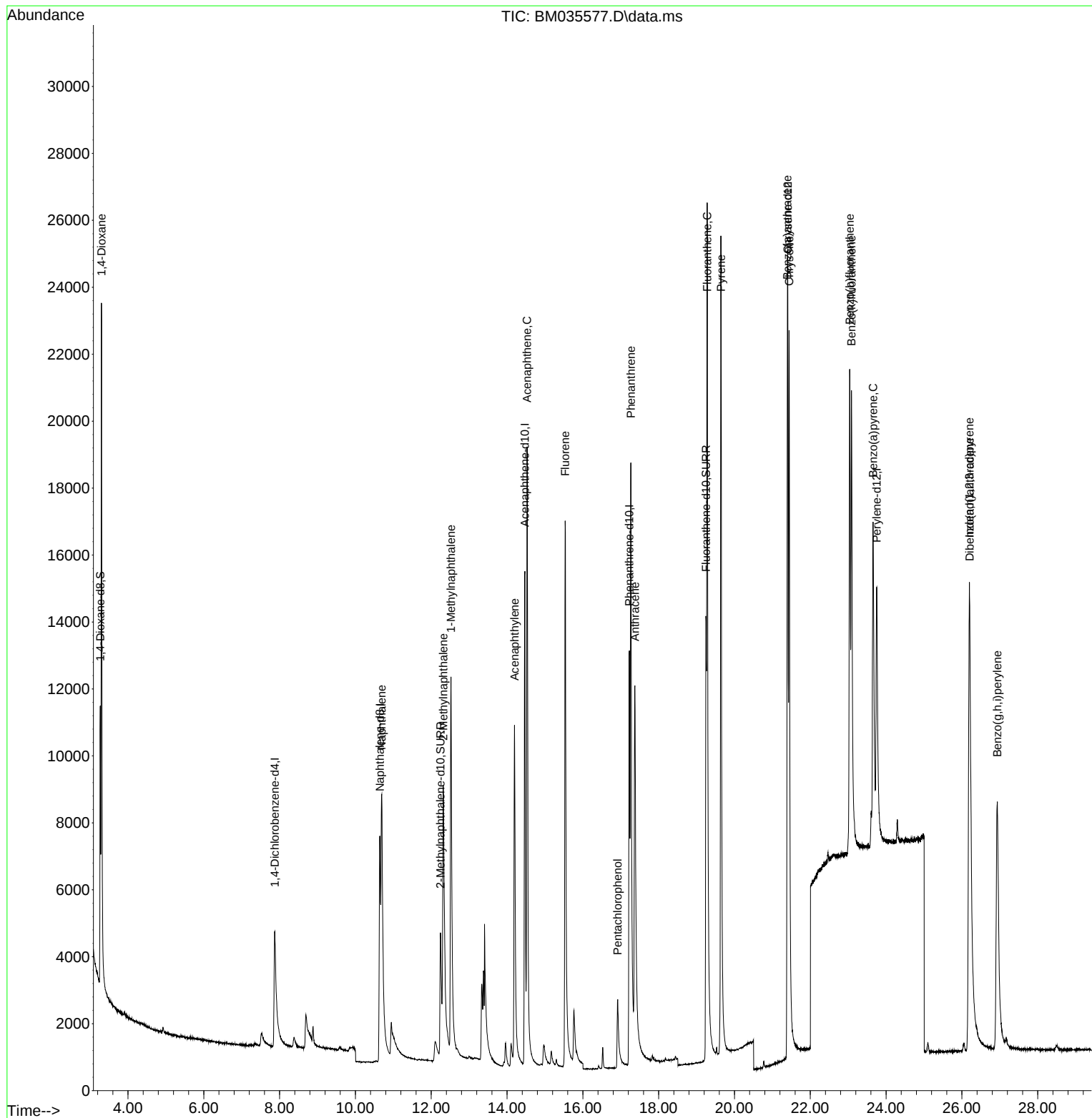
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	4525	0.400	ng/ul	0.01
4) Naphthalene-d8	10.644	136	17972	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	10478	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	21407	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	15569	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	13817	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4912	0.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	9937	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	20773	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	12554	1.981	ng/ul#	57
5) Naphthalene	10.694	128	18946	0.311	ng/ul	99
7) 2-Methylnaphthalene	12.316	142	11484	0.330	ng/ul	97
8) 1-Methylnaphthalene	12.519	142	12153	0.381	ng/ul	99
10) Acenaphthylene	14.196	152	19030	0.322	ng/ul	99
11) Acenaphthene	14.529	153	14480	0.331	ng/ul	99
12) Fluorene	15.533	166	16271	0.329	ng/ul	98
14) Pentachlorophenol	16.916	266	2651	0.646	ng/ul	99
15) Phenanthrene	17.267	178	25527	0.325	ng/ul	99
16) Anthracene	17.372	178	21755	0.317	ng/ul	99
19) Fluoranthene	19.279	202	28875	0.363	ng/ul	100
20) Pyrene	19.642	202	29913	0.359	ng/ul	100
21) Benzo(a)anthracene	21.394	228	20125	0.342	ng/ul	99
22) Chrysene	21.441	228	24828	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.040	252	21931	0.363	ng/ul	97
25) Benzo(k)fluoranthene	23.086	252	22177	0.353	ng/ul	97
26) Benzo(a)pyrene	23.657	252	22346	0.356	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.198	276	25969	0.359	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.205	278	21051	0.357	ng/ul	97
29) Benzo(g,h,i)perylene	26.933	276	23410	0.362	ng/ul	99

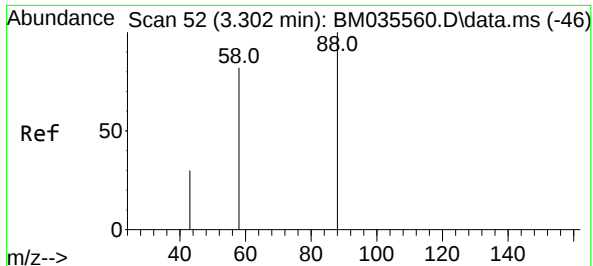
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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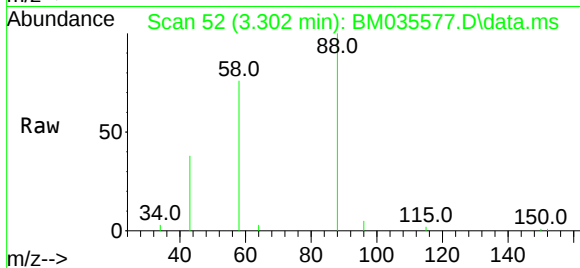
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
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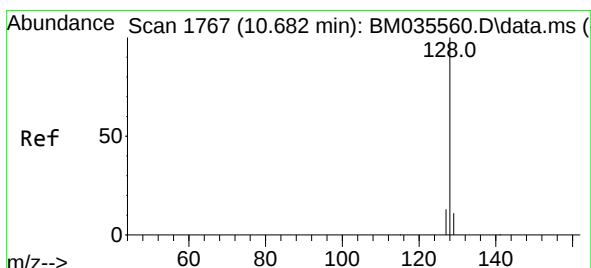
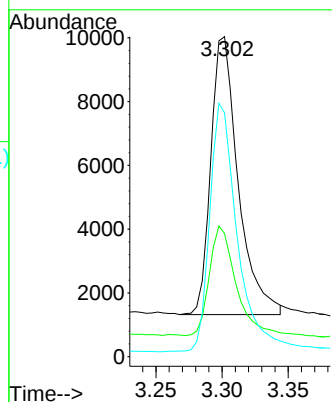
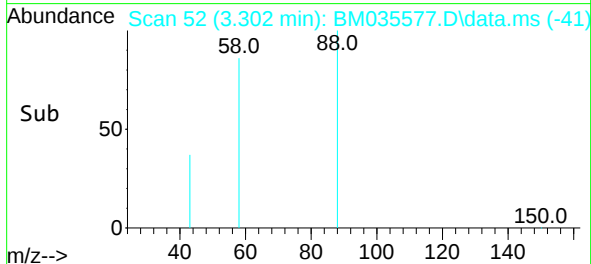


#2
1,4-Dioxane
Concen: 1.981 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

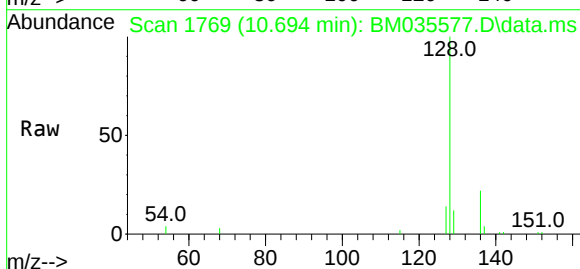
Instrument :
BNA_M
ClientSampleId :
SLCS549



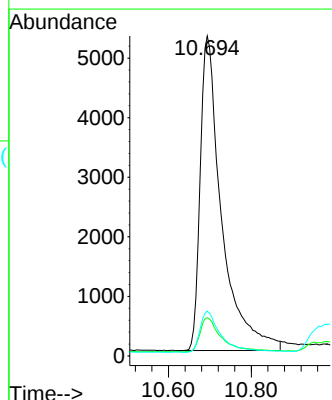
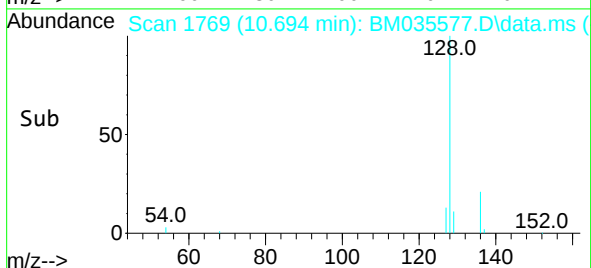
Tgt Ion: 88 Resp: 12554
Ion Ratio Lower Upper
88 100
43 38.5 70.4 105.6#
58 76.2 45.6 68.4#

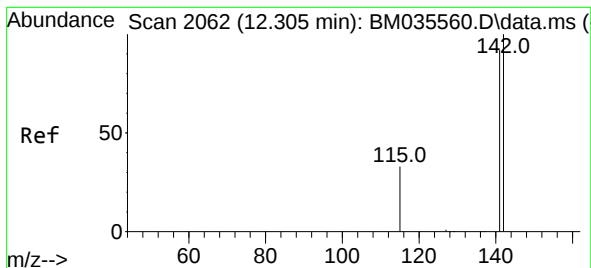


#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58



Tgt Ion: 128 Resp: 18946
Ion Ratio Lower Upper
128 100
129 12.0 10.1 15.1
127 14.0 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.330 ng/ul

RT: 12.316 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BM035577.D

Acq: 21 Jun 2022 17:58

Instrument :

BNA_M

ClientSampleId :

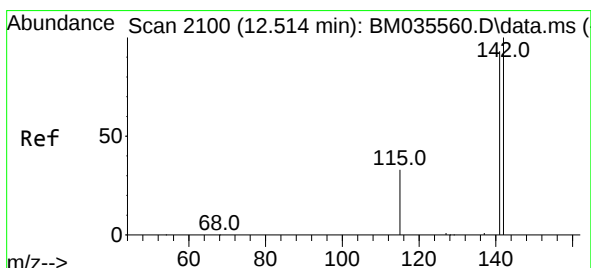
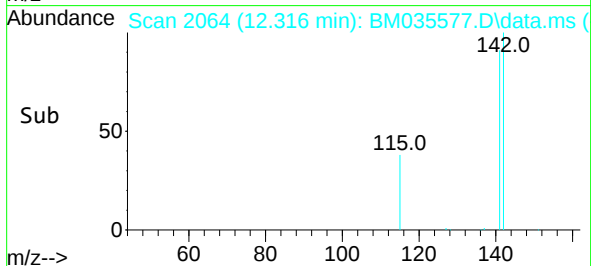
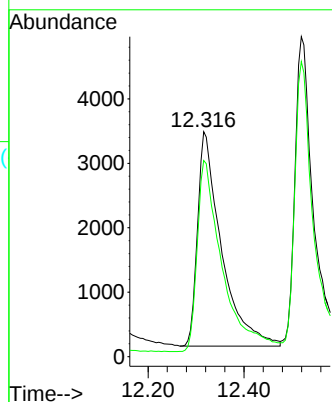
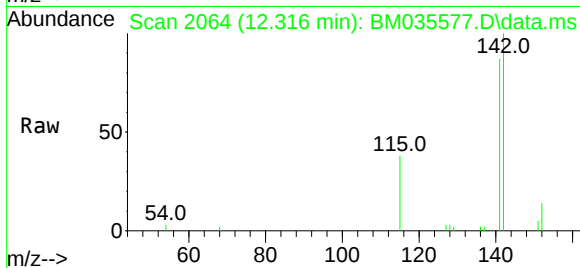
SLCS549

Tgt Ion:142 Resp: 11484

Ion Ratio Lower Upper

142 100

141 94.7 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.381 ng/ul

RT: 12.519 min Scan# 2101

Delta R.T. -0.005 min

Lab File: BM035577.D

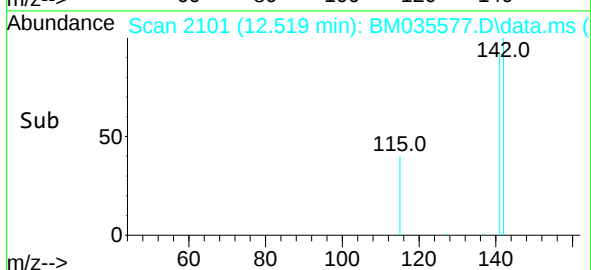
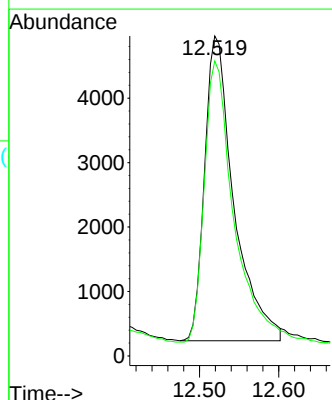
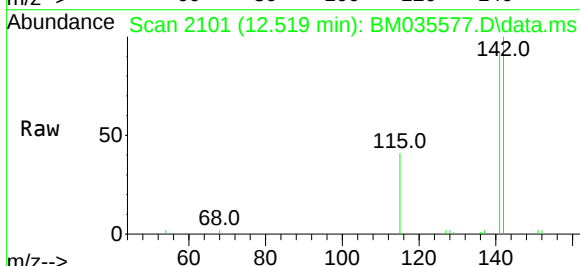
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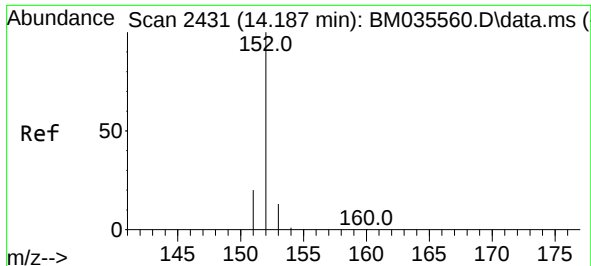
Tgt Ion:142 Resp: 12153

Ion Ratio Lower Upper

142 100

141 92.2 74.6 111.8

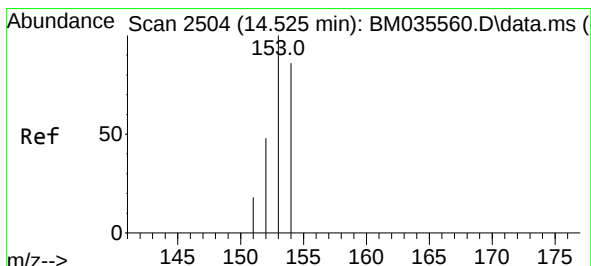
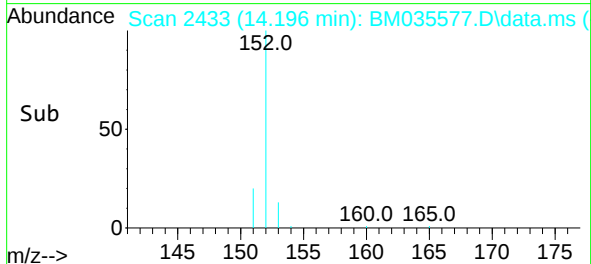
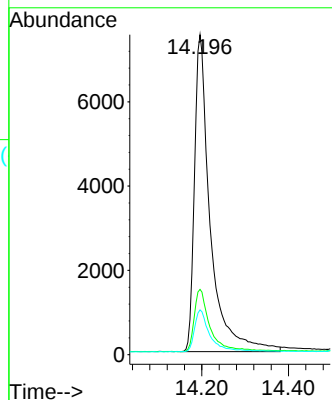
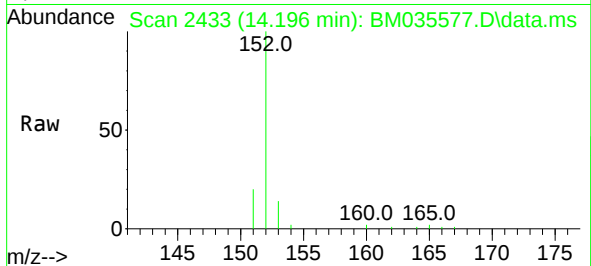




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.196 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

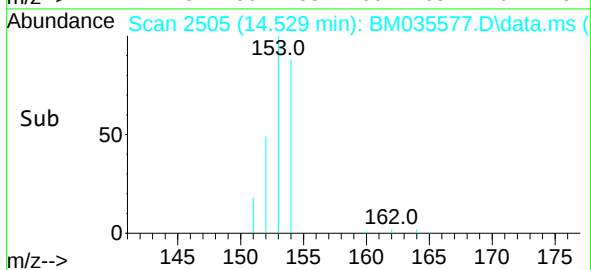
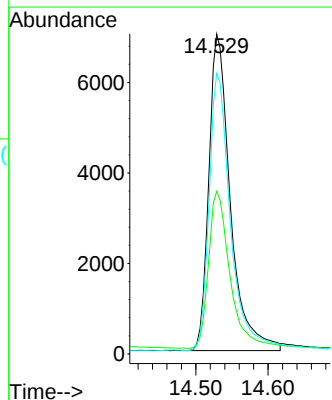
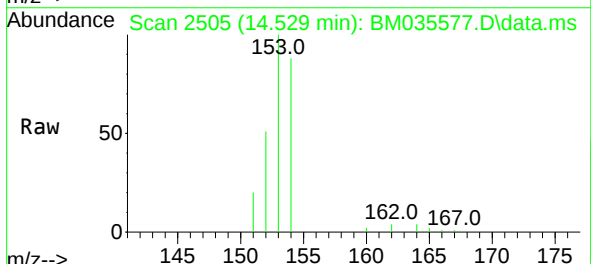
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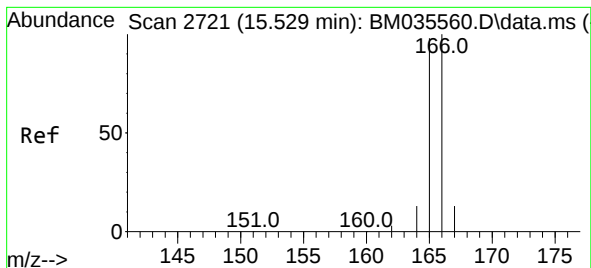
Tgt Ion:152 Resp: 19030
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

Tgt Ion:153 Resp: 14480
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 87.6 69.1 103.7





#12

Fluorene

Concen: 0.329 ng/ul

RT: 15.533 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM035577.D

Acq: 21 Jun 2022 17:58

Instrument :

BNA_M

ClientSampleId :

SLCS549

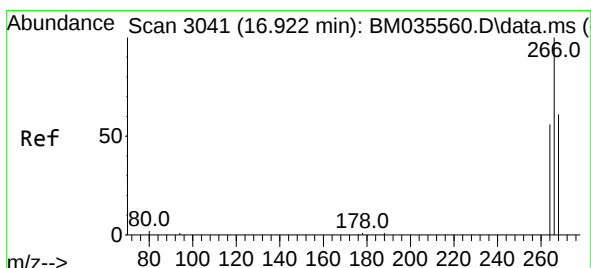
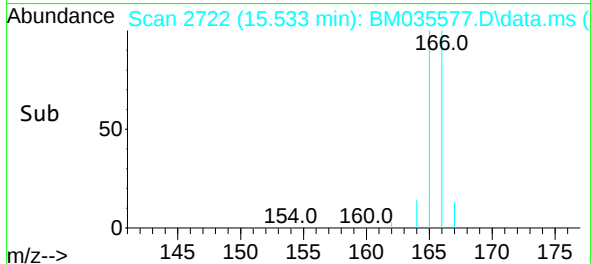
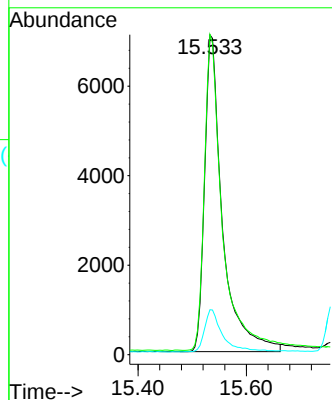
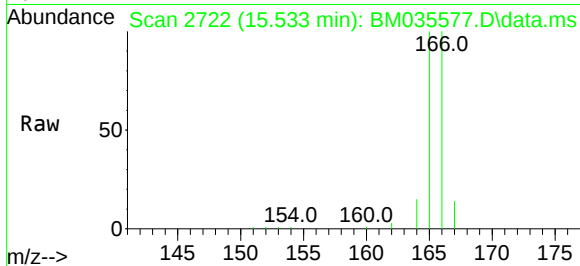
Tgt Ion:166 Resp: 16271

Ion Ratio Lower Upper

166 100

165 100.1 78.7 118.1

167 14.1 11.6 17.4



#14

Pentachlorophenol

Concen: 0.646 ng/ul

RT: 16.916 min Scan# 3040

Delta R.T. -0.013 min

Lab File: BM035577.D

Acq: 21 Jun 2022 17:58

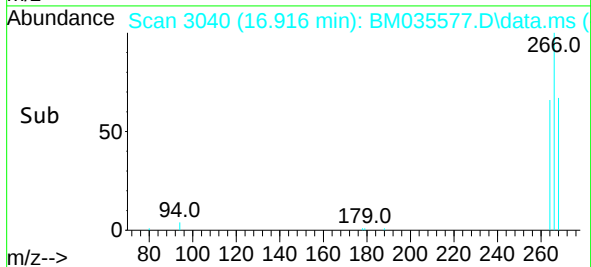
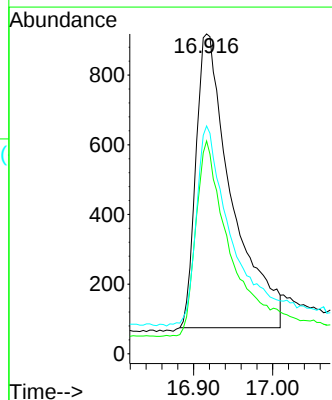
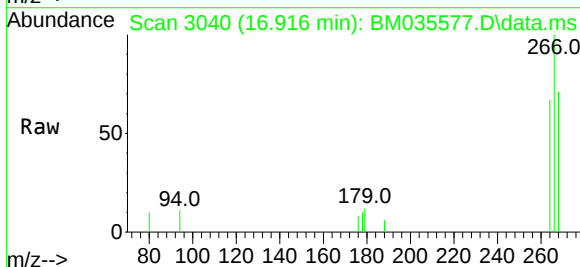
Tgt Ion:266 Resp: 2651

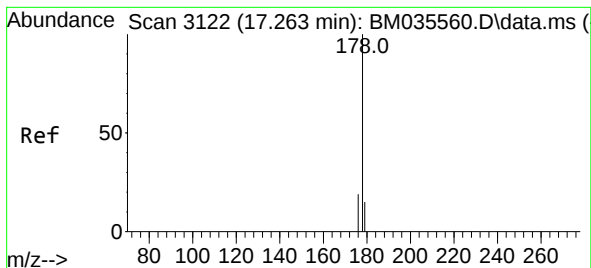
Ion Ratio Lower Upper

266 100

264 62.7 51.0 76.4

268 64.4 51.7 77.5





#15

Phenanthrene

Concen: 0.325 ng/ul

RT: 17.267 min Scan# 3122

Delta R.T. -0.005 min

Lab File: BM035577.D

Acq: 21 Jun 2022 17:58

Instrument :

BNA_M

ClientSampleId :

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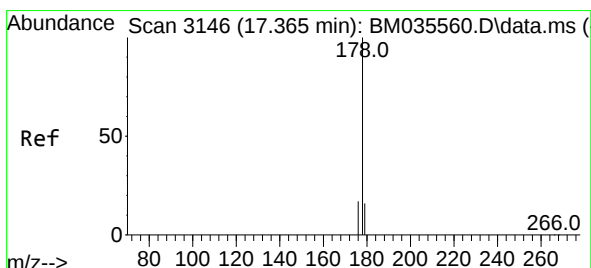
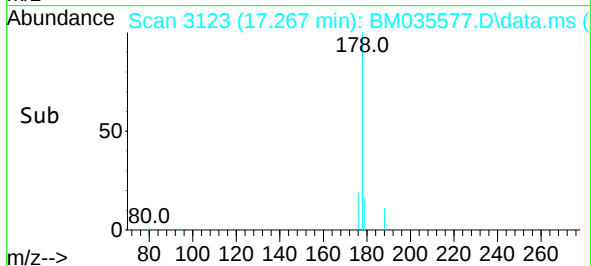
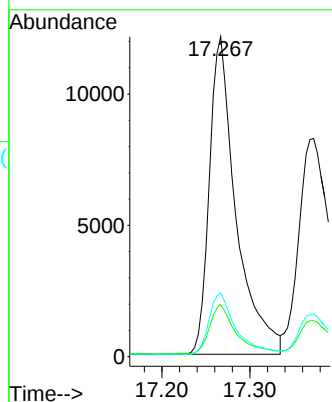
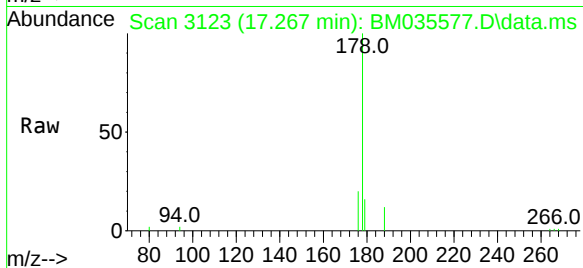
Tgt Ion:178 Resp: 25527

Ion Ratio Lower Upper

178 100

179 16.3 13.2 19.8

176 20.0 16.2 24.4



#16

Anthracene

Concen: 0.317 ng/ul

RT: 17.372 min Scan# 3148

Delta R.T. -0.001 min

Lab File: BM035577.D

Acq: 21 Jun 2022 17:58

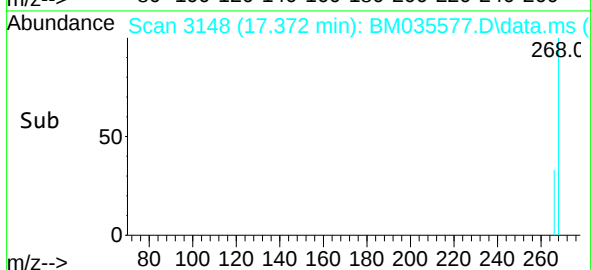
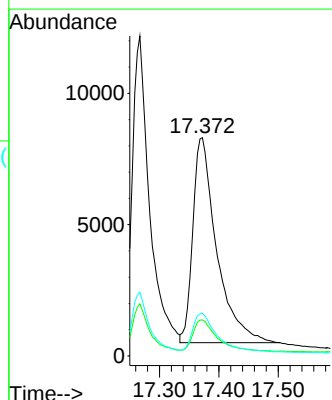
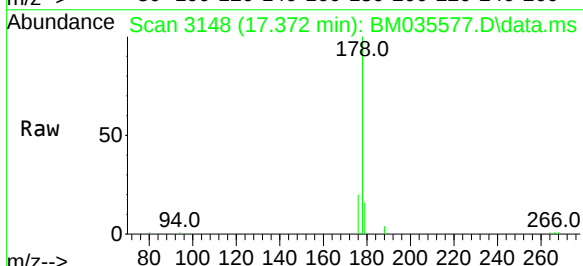
Tgt Ion:178 Resp: 21755

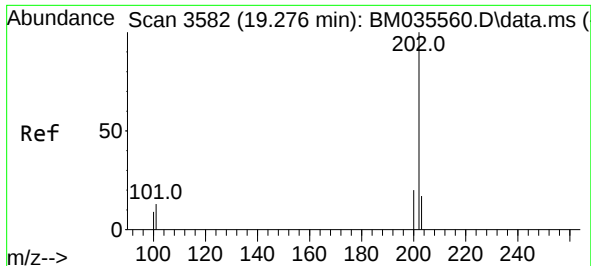
Ion Ratio Lower Upper

178 100

179 16.5 13.4 20.0

176 19.6 15.9 23.9

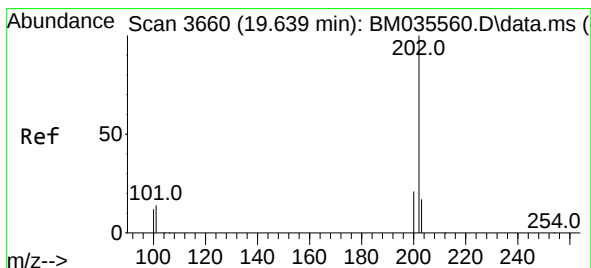
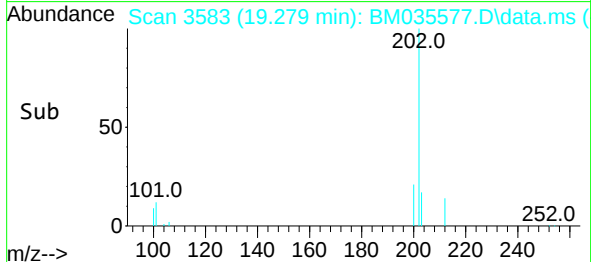
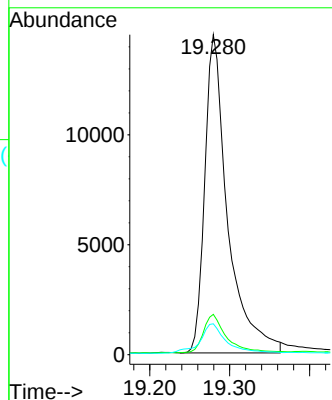
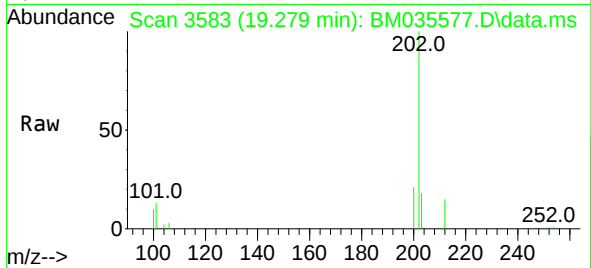




#19
Fluoranthene
Concen: 0.363 ng/u1
RT: 19.279 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

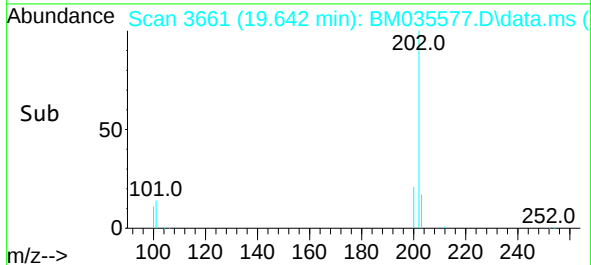
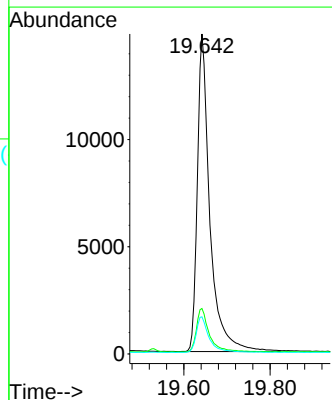
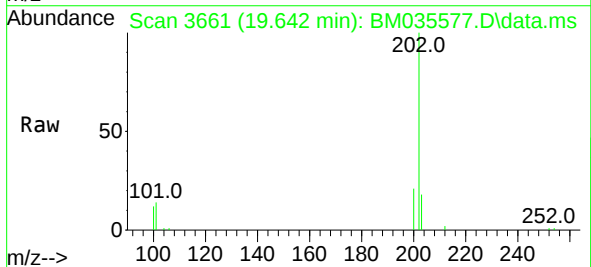
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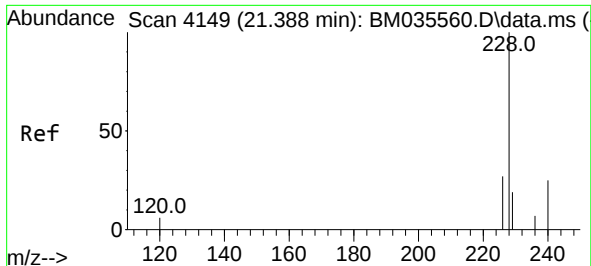
Tgt Ion:202 Resp: 28875
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.6 7.5 11.3



#20
Pyrene
Concen: 0.359 ng/u1
RT: 19.642 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

Tgt Ion:202 Resp: 29913
Ion Ratio Lower Upper
202 100
101 14.2 11.6 17.4
100 11.6 9.3 13.9

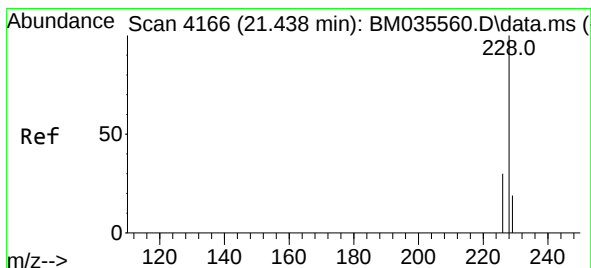
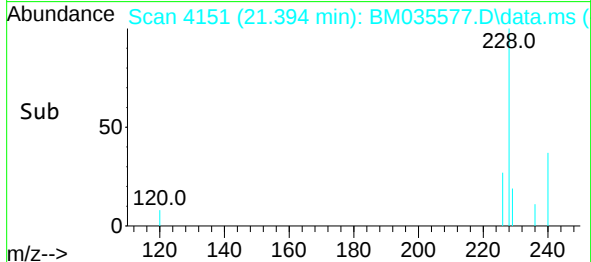
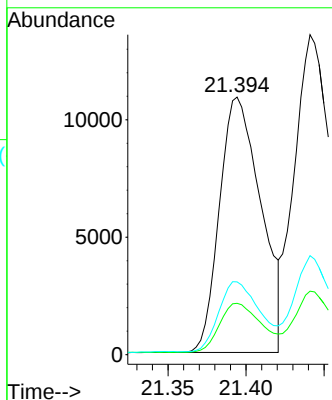
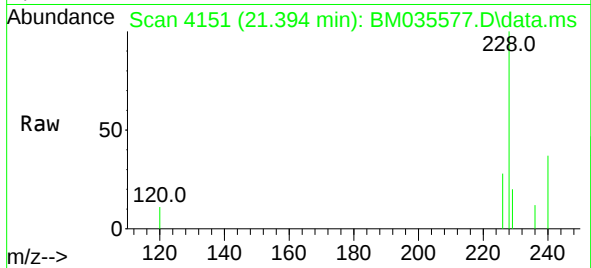




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.394 min Scan# 4149
Delta R.T. -0.005 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

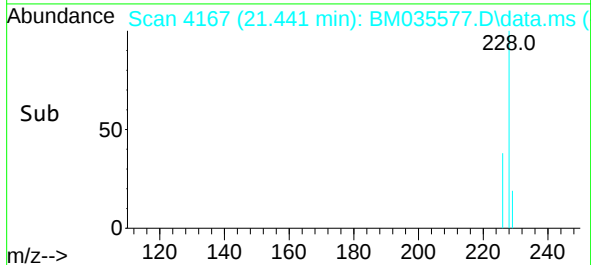
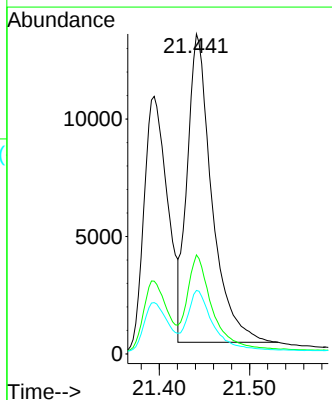
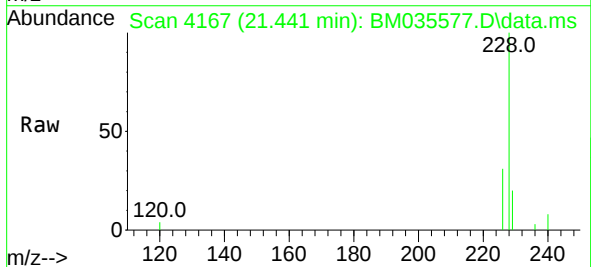
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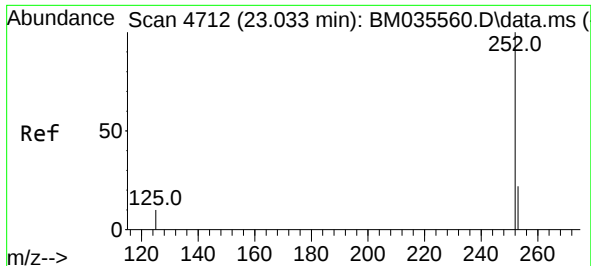
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Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.3 22.3 33.5



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. -0.008 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

Tgt Ion:228 Resp: 24828
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 19.9 15.8 23.8

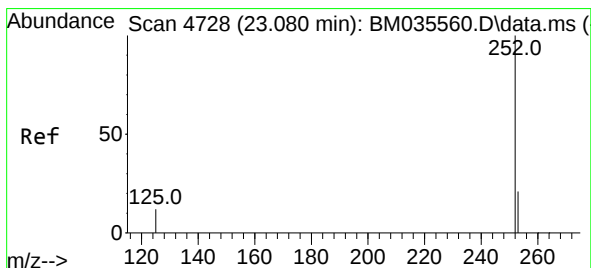
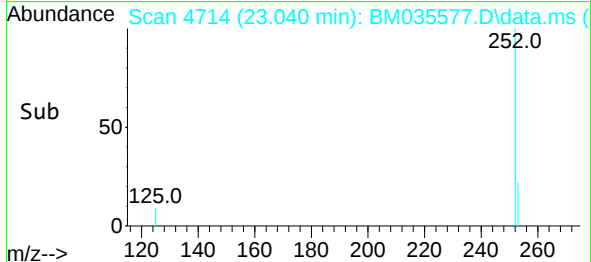
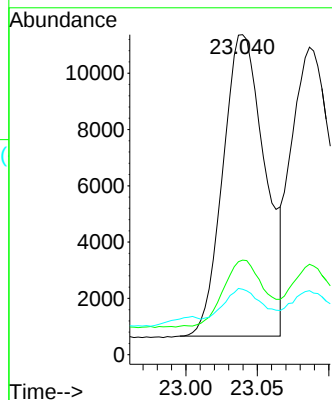
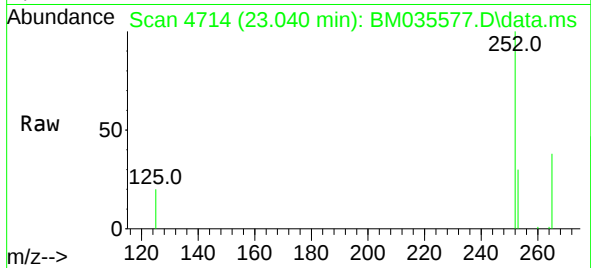




#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 23.040 min Scan# 4712
Delta R.T. -0.011 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

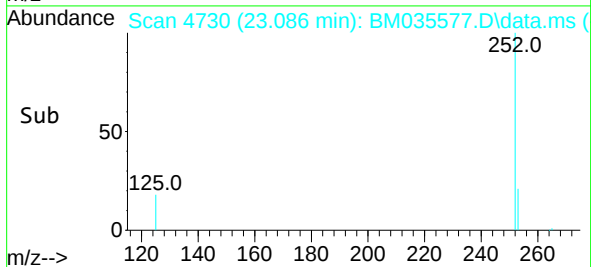
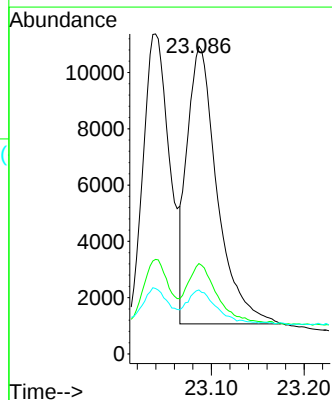
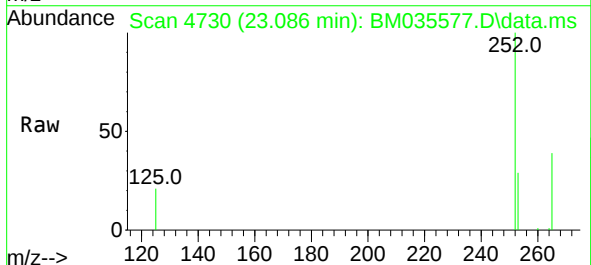
Instrument :
BNA_M
ClientSampleId :
SLCS549

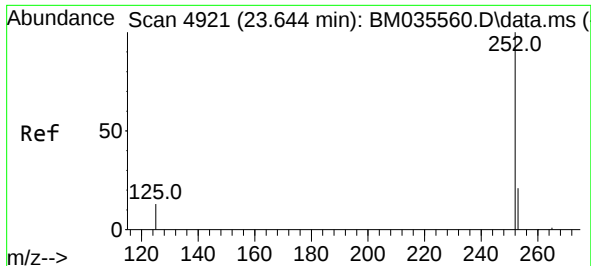
Tgt Ion:252	Resp:	21931
Ion Ratio	Lower	Upper
252	100	
253	29.5	0.0 60.6
125	20.4	0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 23.086 min Scan# 4730
Delta R.T. -0.011 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

Tgt Ion:252	Resp:	22177
Ion Ratio	Lower	Upper
252	100	
253	29.4	24.7 37.1
125	20.8	18.2 27.4

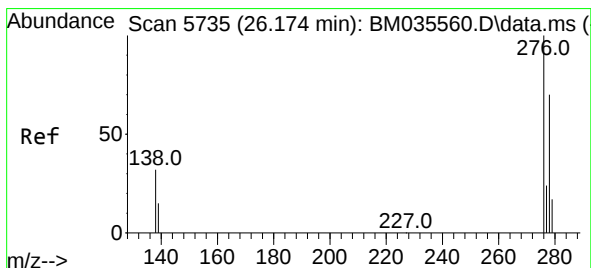
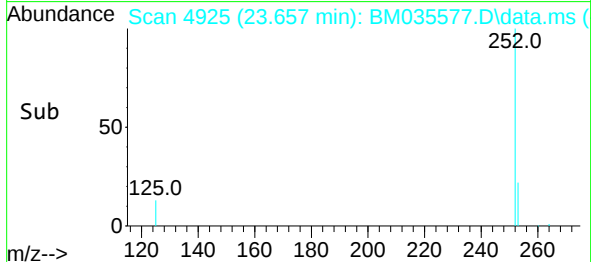
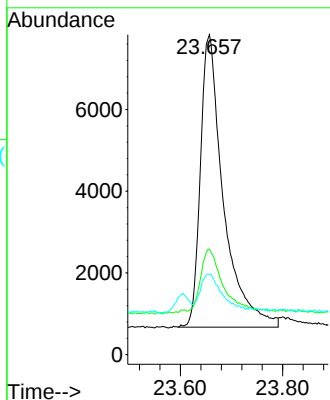
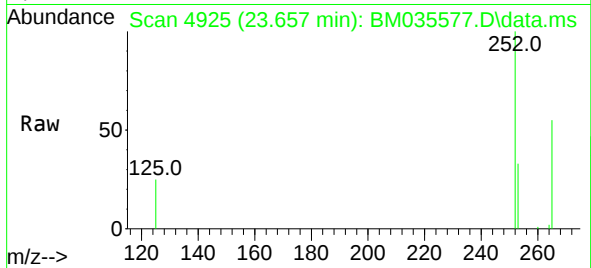




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.657 min Scan# 4925
Delta R.T. -0.011 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

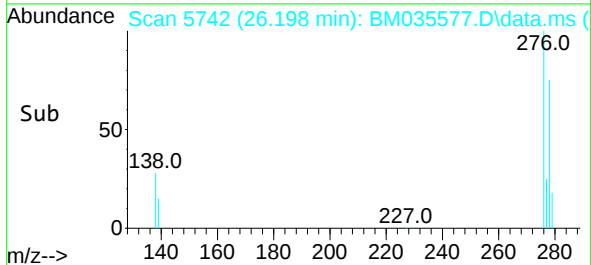
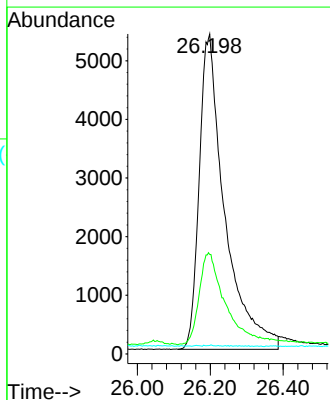
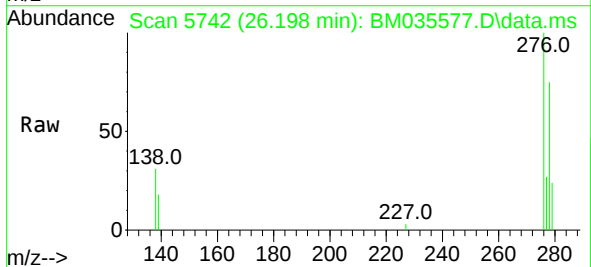
Instrument :
BNA_M
ClientSampleId :
SLCS549

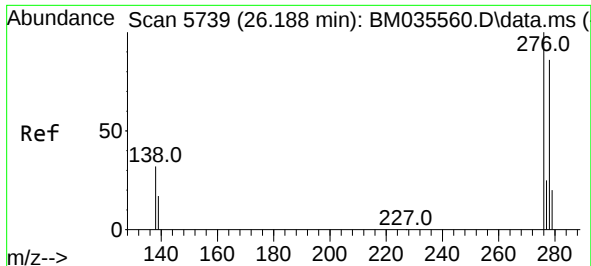
Tgt Ion:252	Resp:	22346
Ion Ratio	Lower	Upper
252	100	
253	33.0	27.8 41.6
125	25.1	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.013 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

Tgt Ion:276	Resp:	25969
Ion Ratio	Lower	Upper
276	100	
138	30.5	24.8 37.2
227	0.1	0.1 0.1#

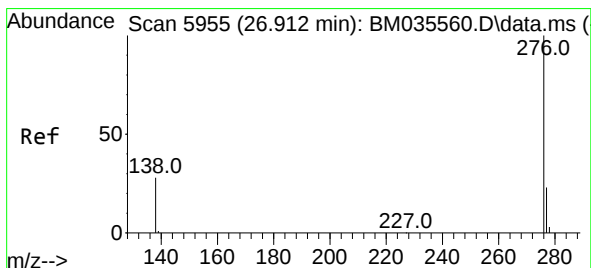
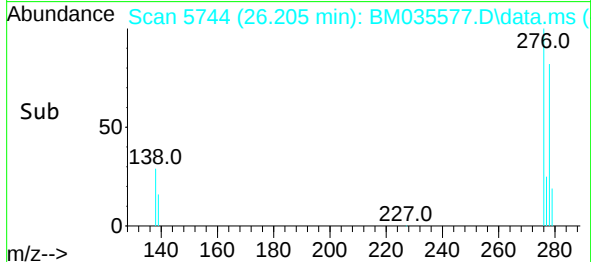
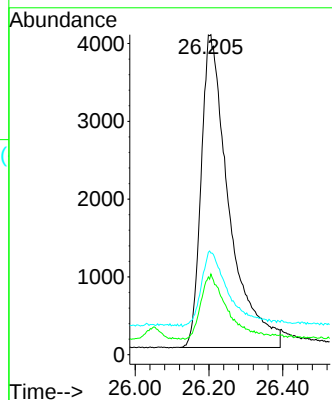
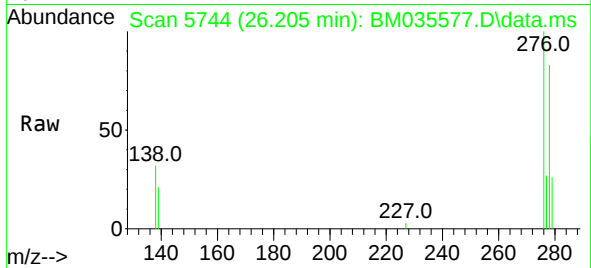




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.205 min Scan# 51
Delta R.T. -0.016 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

Instrument :
BNA_M
ClientSampleId :
SLCS549

Tgt Ion:278 Resp: 21051
Ion Ratio Lower Upper
278 100
139 25.2 19.1 28.7
279 31.8 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 26.933 min Scan# 5961
Delta R.T. -0.013 min
Lab File: BM035577.D
Acq: 21 Jun 2022 17:58

Tgt Ion:276 Resp: 23410
Ion Ratio Lower Upper
276 100
138 28.2 23.1 34.7
277 25.9 20.3 30.5

