

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035593.D
 Acq On : 22 Jun 2022 04:15
 Operator : CG/JU
 Sample : PB145542BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS542

Quant Time: Jun 22 04:53:01 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)

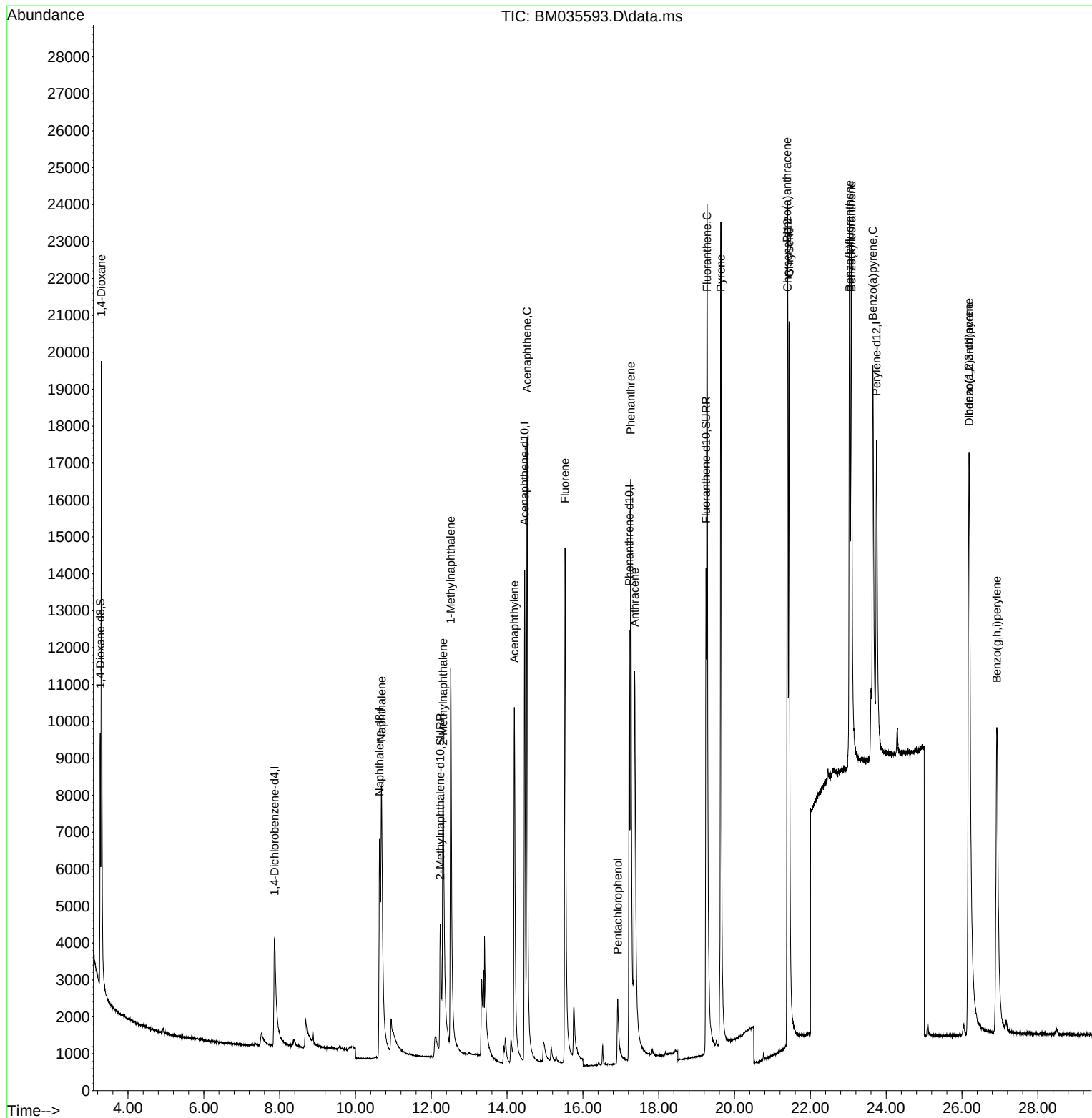
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	3998	0.400	ng/ul	0.00
4) Naphthalene-d8	10.633	136	16229	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.464	164	9563	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.220	188	19388	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	15023	0.400	ng/ul	-0.01
23) Perylene-d12	23.745	264	14693	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4451	0.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	9360	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	19029	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	11083	1.979	ng/ul#	55
5) Naphthalene	10.688	128	16881	0.307	ng/ul	99
7) 2-Methylnaphthalene	12.310	142	10484	0.334	ng/ul	97
8) 1-Methylnaphthalene	12.514	142	10972	0.380	ng/ul	99
10) Acenaphthylene	14.191	152	18175	0.337	ng/ul	99
11) Acenaphthene	14.529	153	13363	0.335	ng/ul	99
12) Fluorene	15.528	166	15254	0.338	ng/ul	99
14) Pentachlorophenol	16.916	266	2376	0.639	ng/ul	99
15) Phenanthrene	17.263	178	22938	0.323	ng/ul	98
16) Anthracene	17.364	178	19759	0.318	ng/ul	99
19) Fluoranthene	19.275	202	25152	0.328	ng/ul	98
20) Pyrene	19.638	202	26277	0.326	ng/ul	98
21) Benzo(a)anthracene	21.389	228	18519	0.326	ng/ul	100
22) Chrysene	21.439	228	23163	0.343	ng/ul	99
24) Benzo(b)fluoranthene	23.034	252	22063	0.343	ng/ul	99
25) Benzo(k)fluoranthene	23.081	252	21751	0.326	ng/ul	99
26) Benzo(a)pyrene	23.648	252	22627	0.339	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.182	276	27072	0.352	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.192	278	22215	0.354	ng/ul	97
29) Benzo(g,h,i)perylene	26.920	276	24145	0.351	ng/ul	99

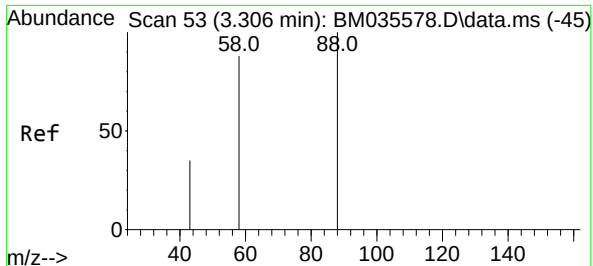
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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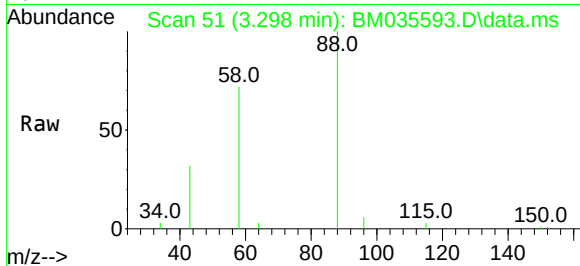
Quant Time: Jun 22 04:53:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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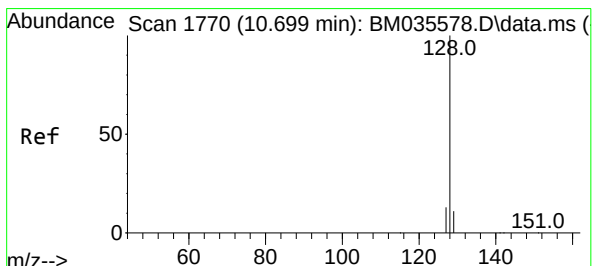
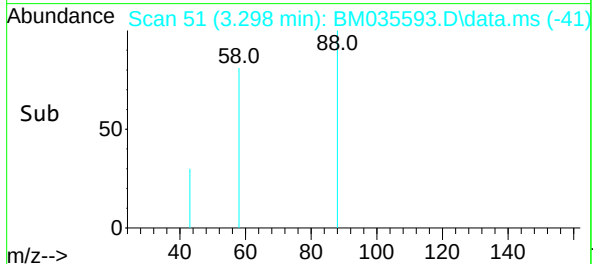
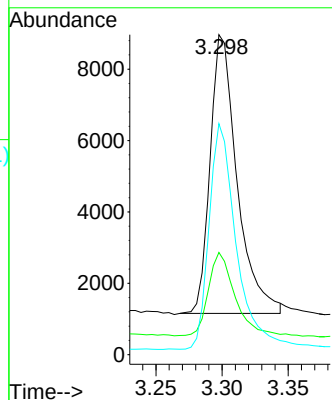
#2
1,4-Dioxane
Concen: 1.979 ng/ul
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Instrument :
BNA_M
ClientSampleId :
SLCS542



Tgt Ion: 88 Resp: 11083

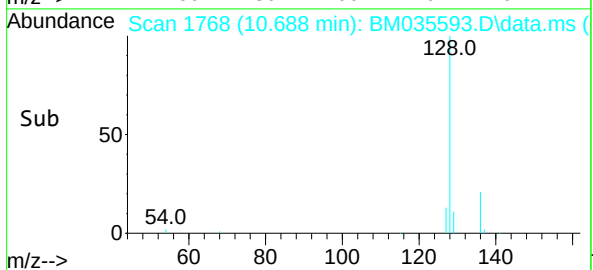
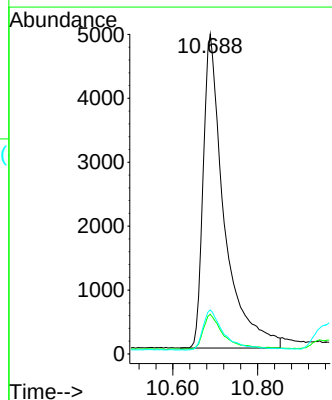
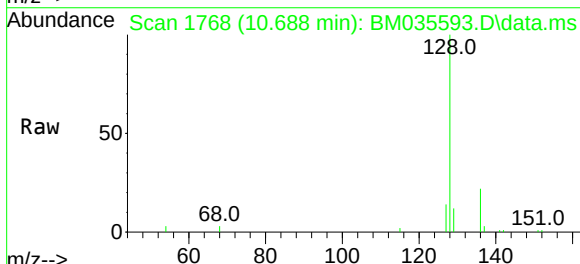
Ion	Ratio	Lower	Upper
88	100		
43	32.0	70.4	105.6#
58	72.2	45.6	68.4#

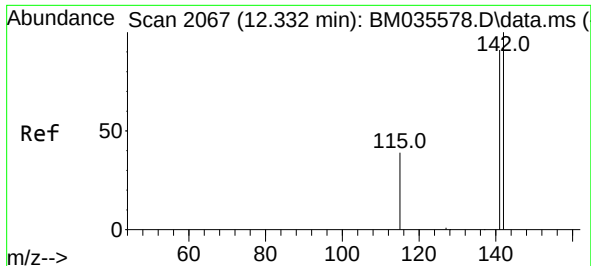


#5
Naphthalene
Concen: 0.307 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Tgt Ion: 128 Resp: 16881

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.1	15.1
127	13.8	11.4	17.2

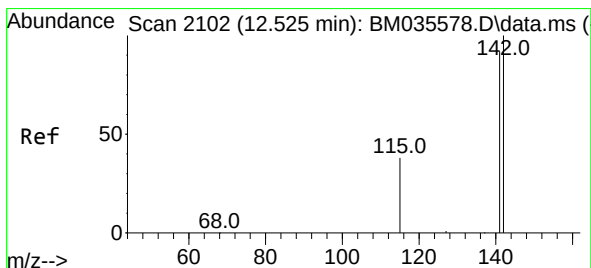
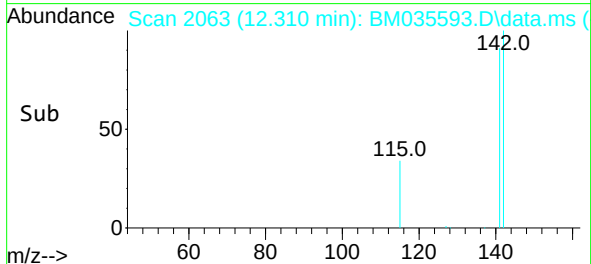
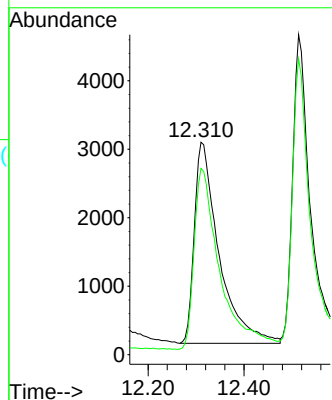
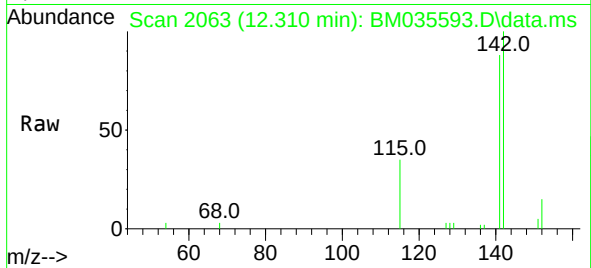




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.310 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

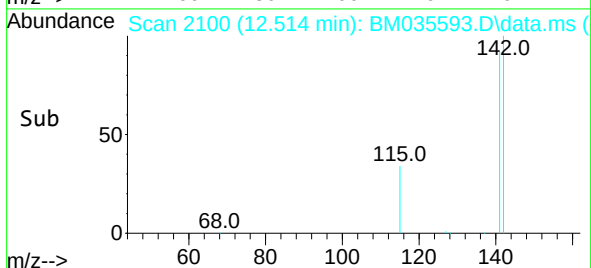
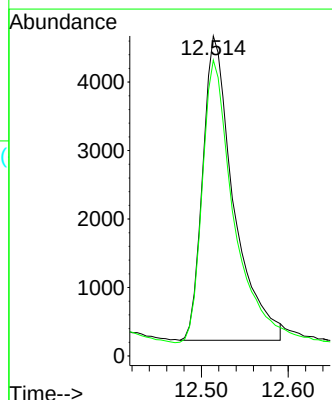
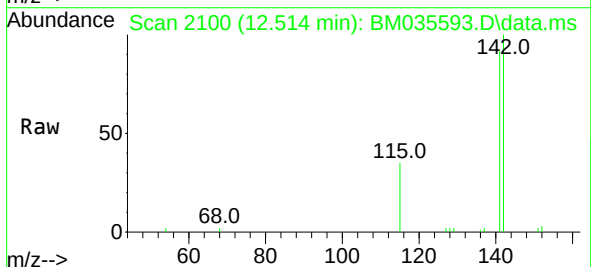
Instrument :
BNA_M
ClientSampleId :
SLCS542

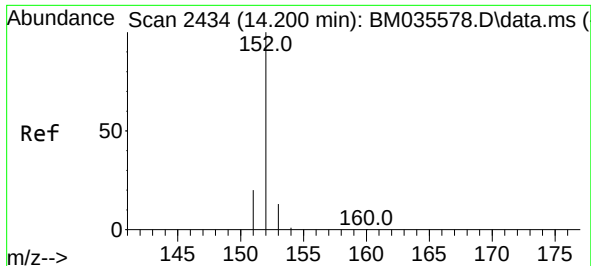
Tgt Ion:142 Resp: 10484
Ion Ratio Lower Upper
142 100
141 94.7 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Tgt Ion:142 Resp: 10972
Ion Ratio Lower Upper
142 100
141 93.8 74.6 111.8

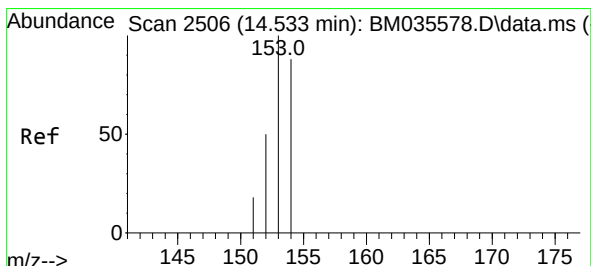
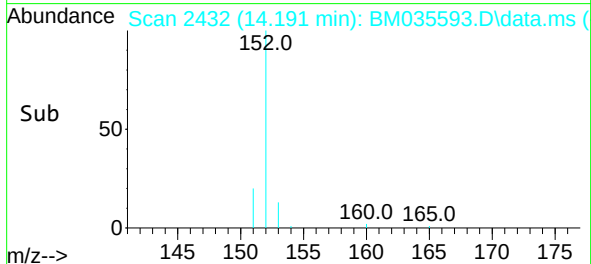
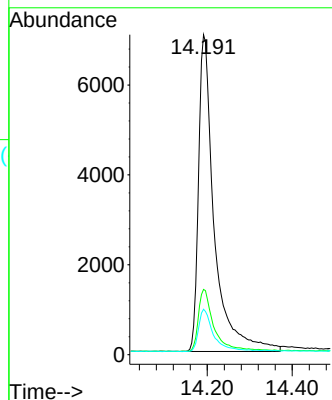
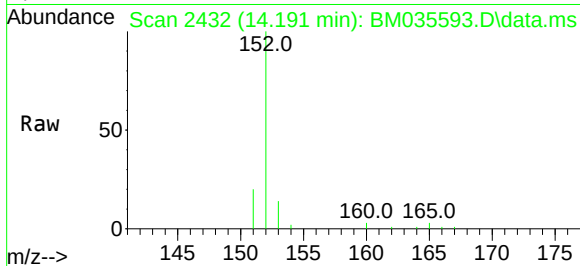




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.191 min Scan# 2434
Delta R.T. -0.010 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

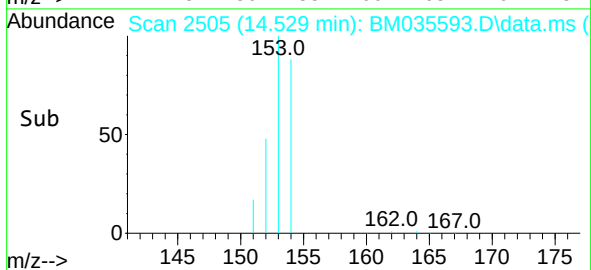
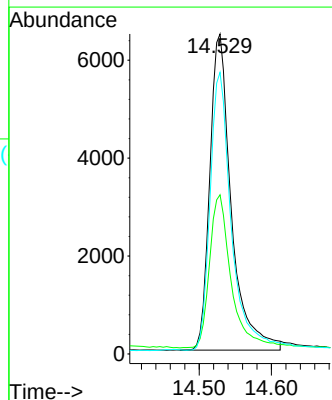
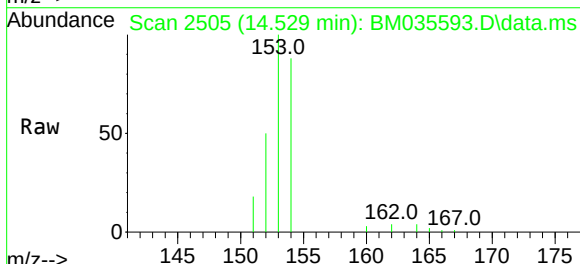
Instrument :
BNA_M
ClientSampleId :
SLCS542

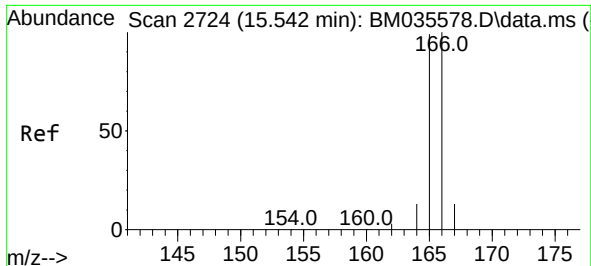
Tgt Ion:152 Resp: 18175
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Tgt Ion:153 Resp: 13363
Ion Ratio Lower Upper
153 100
152 49.8 40.0 60.0
154 88.0 69.1 103.7

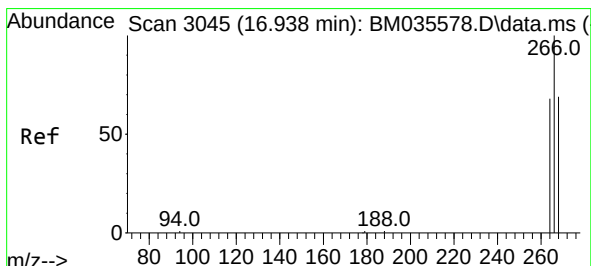
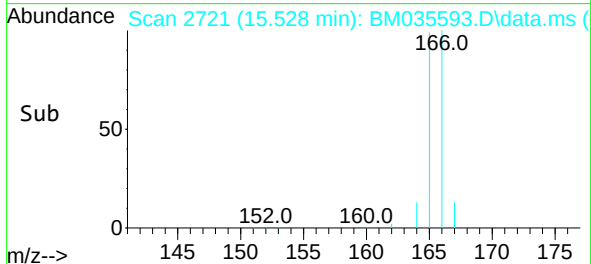
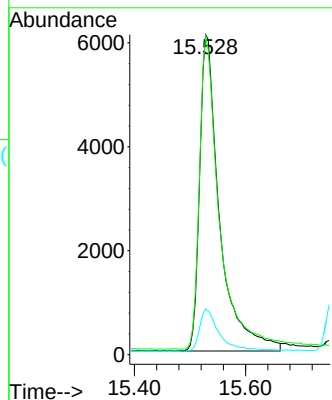
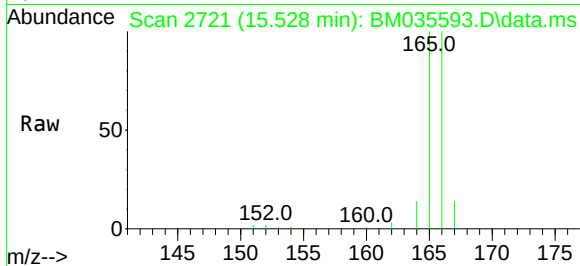




#12
 Fluorene
 Concen: 0.338 ng/ul
 RT: 15.528 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BM035593.D
 Acq: 22 Jun 2022 04:15

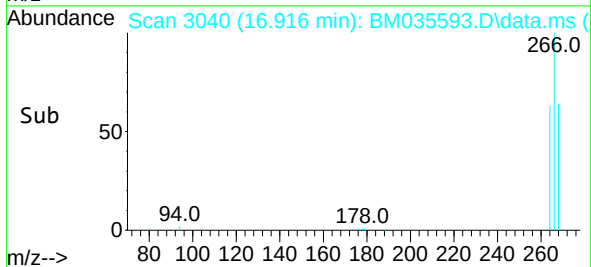
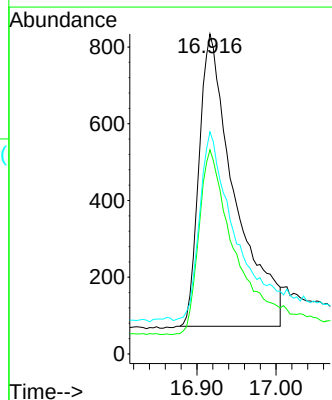
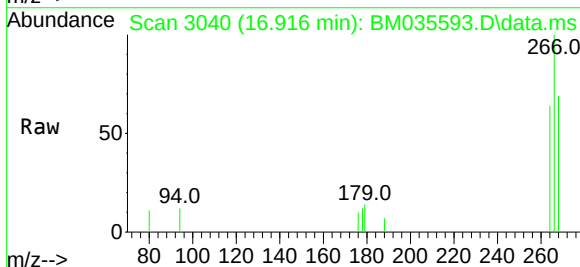
Instrument :
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 ClientSampleId :
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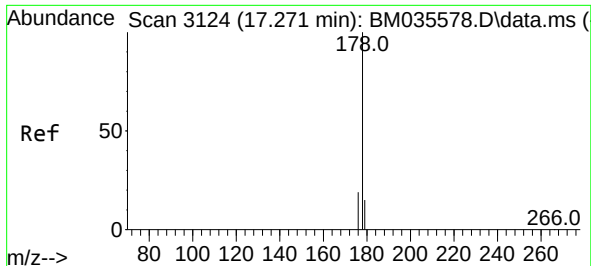
Tgt Ion:166 Resp: 15254
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.7 118.1
 167 14.3 11.6 17.4



#14
 Pentachlorophenol
 Concen: 0.639 ng/ul
 RT: 16.916 min Scan# 3040
 Delta R.T. -0.013 min
 Lab File: BM035593.D
 Acq: 22 Jun 2022 04:15

Tgt Ion:266 Resp: 2376
 Ion Ratio Lower Upper
 266 100
 264 63.6 51.0 76.4
 268 62.9 51.7 77.5

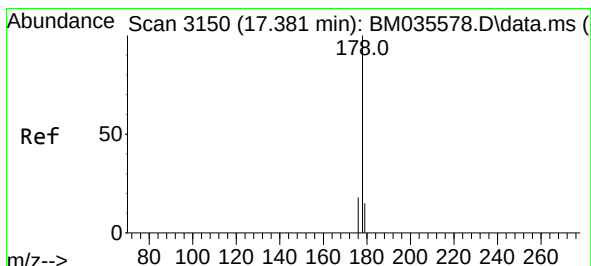
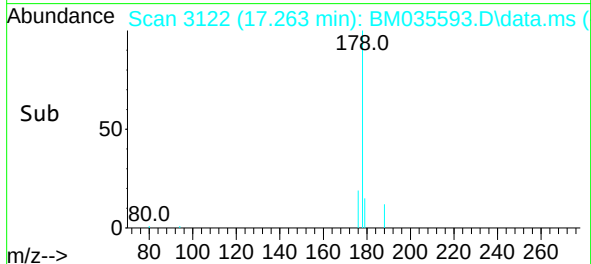
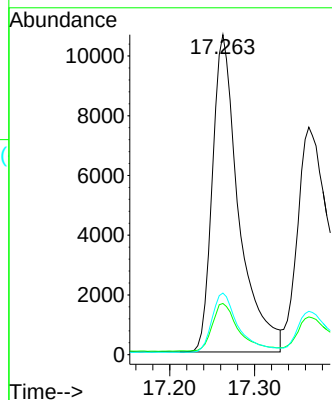
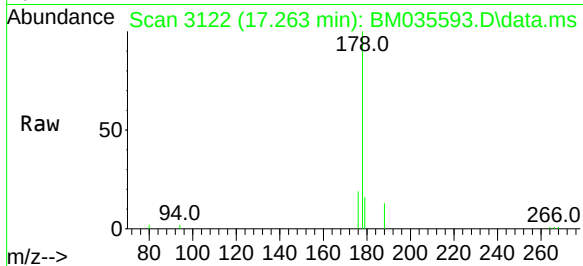




#15
Phenanthrene
Concen: 0.323 ng/u1
RT: 17.263 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

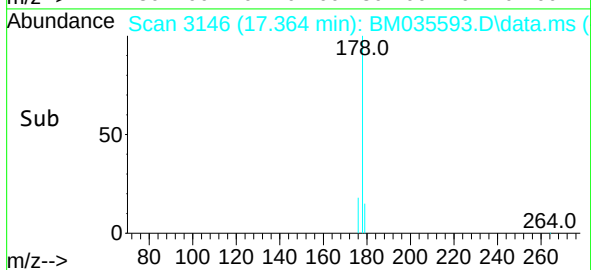
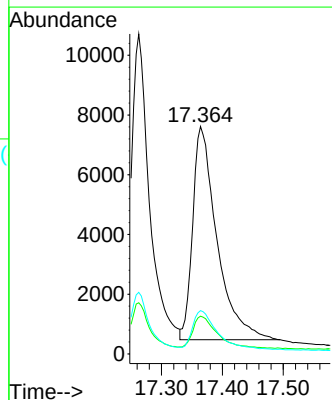
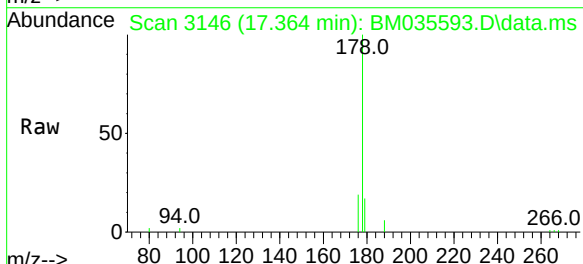
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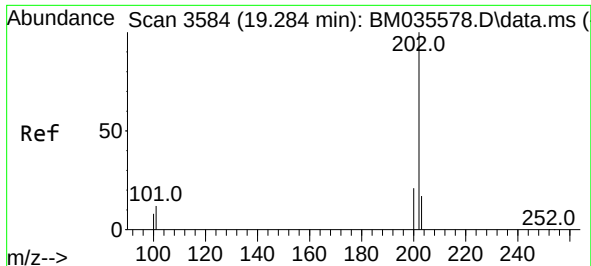
Tgt Ion:178 Resp: 22938
Ion Ratio Lower Upper
178 100
179 16.0 13.2 19.8
176 19.3 16.2 24.4



#16
Anthracene
Concen: 0.318 ng/u1
RT: 17.364 min Scan# 3146
Delta R.T. -0.009 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Tgt Ion:178 Resp: 19759
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.0
176 19.1 15.9 23.9





#19

Fluoranthene

Concen: 0.328 ng/ul

RT: 19.275 min Scan# 3582

Delta R.T. -0.010 min

Lab File: BM035593.D

Acq: 22 Jun 2022 04:15

Instrument :

BNA_M

ClientSampleId :

SLCS542

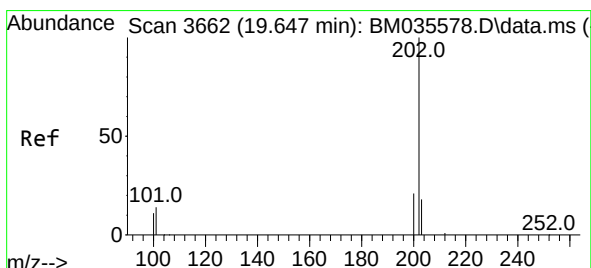
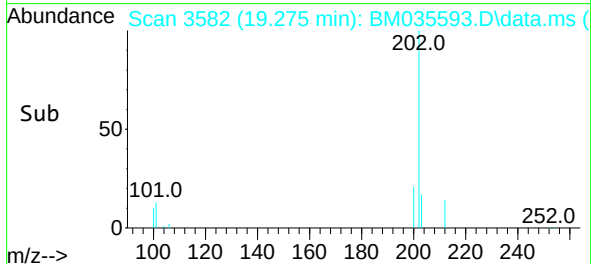
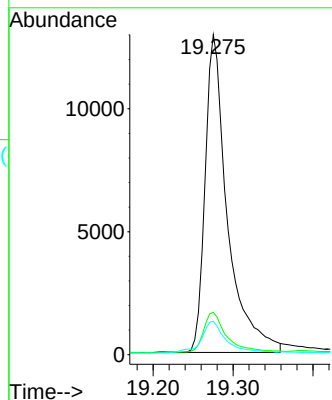
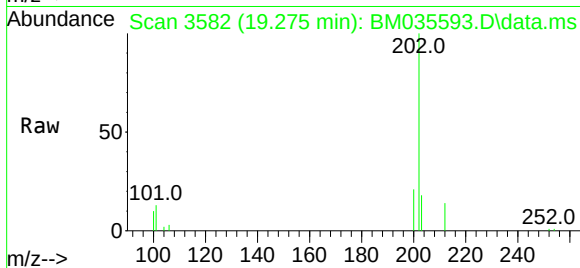
Tgt Ion:202 Resp: 25152

Ion Ratio Lower Upper

202 100

101 13.3 10.0 15.0

100 10.5 7.5 11.3



#20

Pyrene

Concen: 0.326 ng/ul

RT: 19.638 min Scan# 3660

Delta R.T. -0.010 min

Lab File: BM035593.D

Acq: 22 Jun 2022 04:15

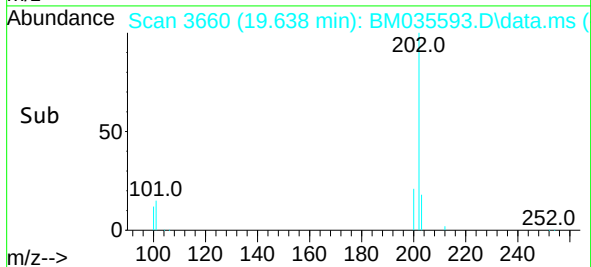
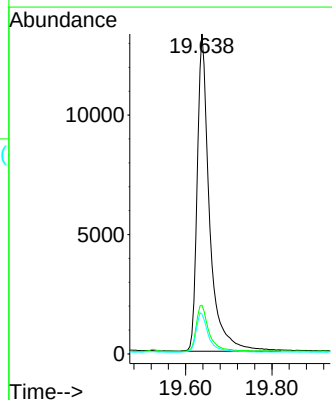
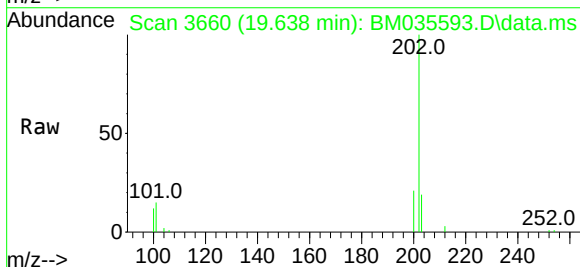
Tgt Ion:202 Resp: 26277

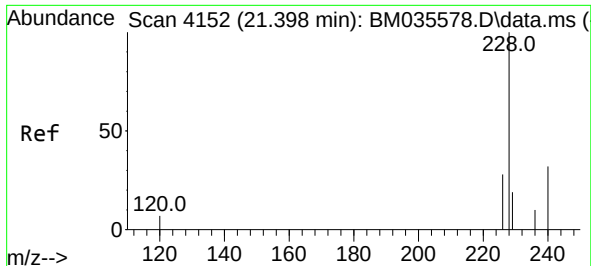
Ion Ratio Lower Upper

202 100

101 15.2 11.6 17.4

100 12.4 9.3 13.9

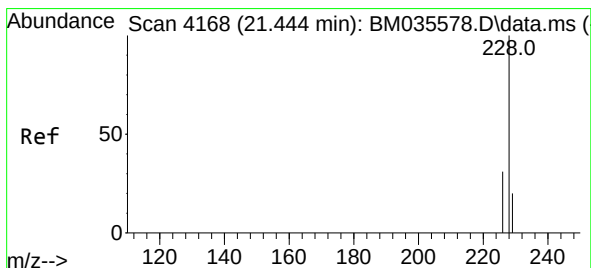
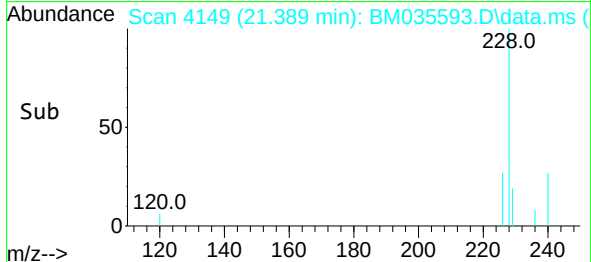
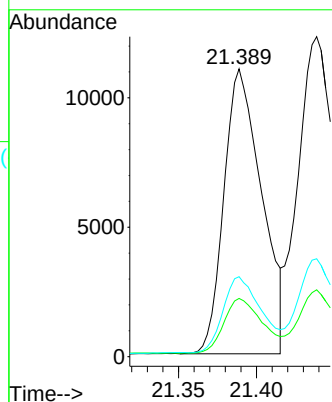
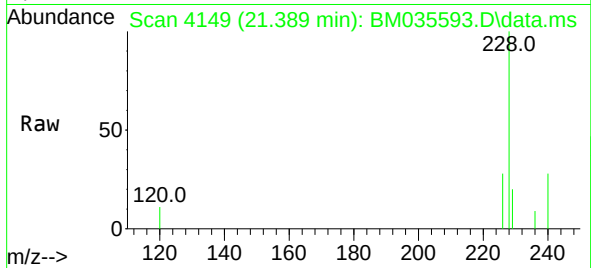




#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.389 min Scan# 4152
Delta R.T. -0.011 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

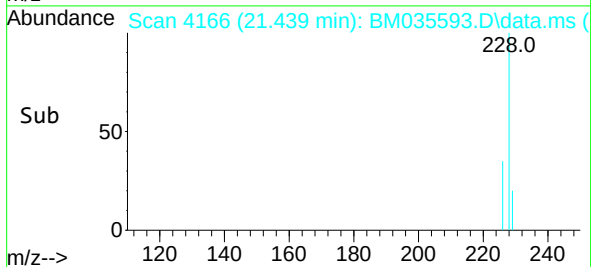
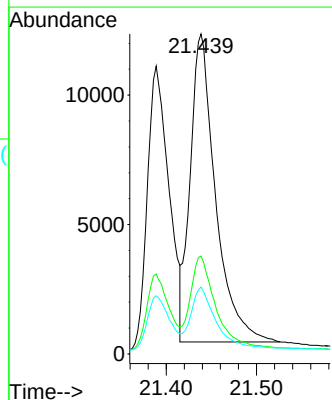
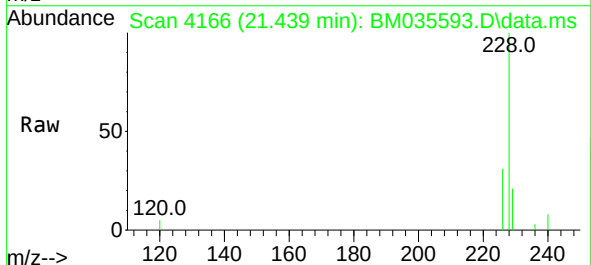
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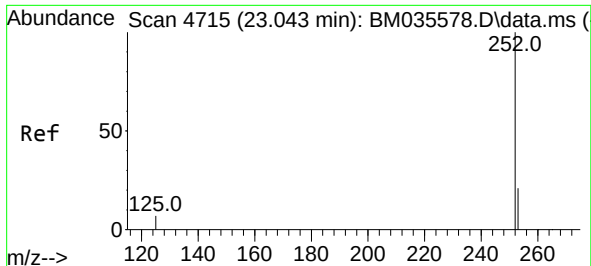
Tgt Ion:228 Resp: 18519
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 27.8 22.3 33.5



#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.439 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Tgt Ion:228 Resp: 23163
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.9 15.8 23.8

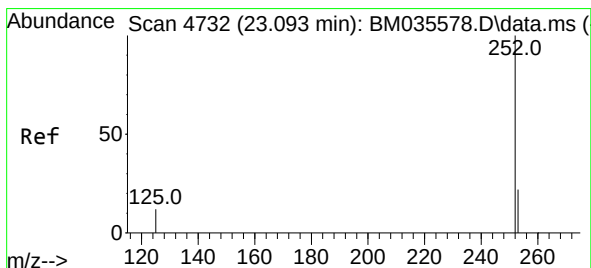
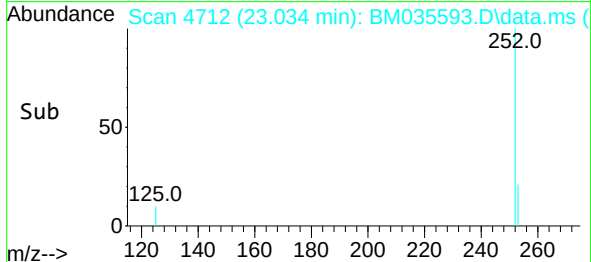
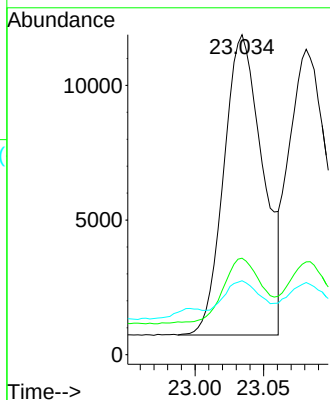
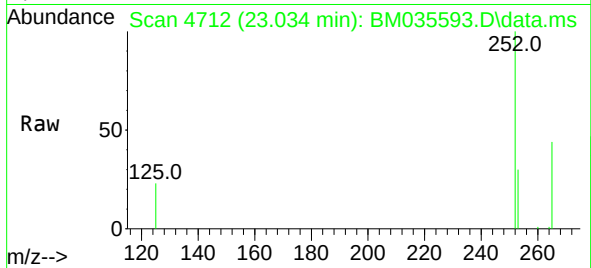




#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 23.034 min Scan# 4715
Delta R.T. -0.017 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

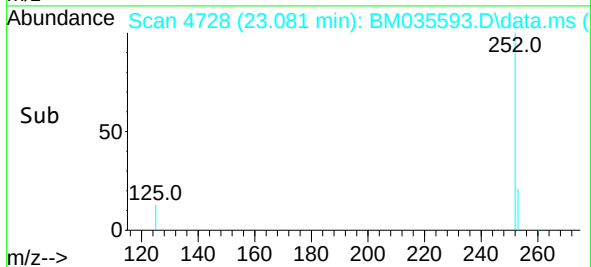
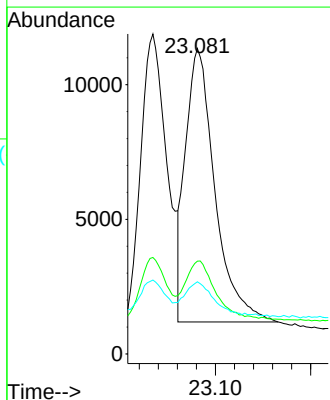
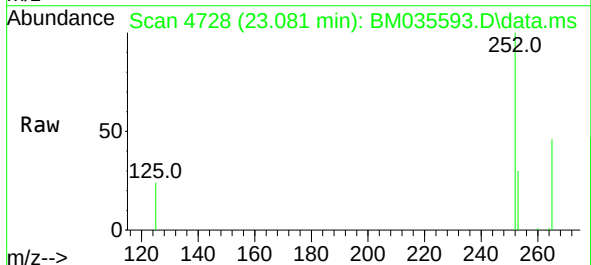
Instrument :
BNA_M
ClientSampleId :
SLCS542

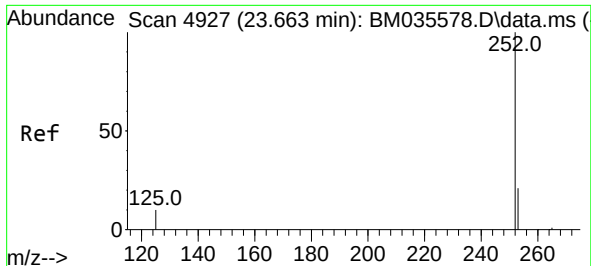
Tgt Ion:252 Resp: 22063
Ion Ratio Lower Upper
252 100
253 30.1 0.0 60.6
125 23.1 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.081 min Scan# 4728
Delta R.T. -0.017 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Tgt Ion:252 Resp: 21751
Ion Ratio Lower Upper
252 100
253 30.4 24.7 37.1
125 23.6 18.2 27.4

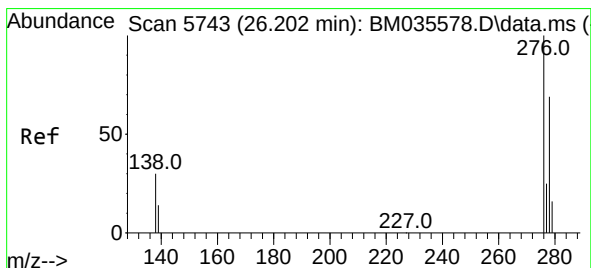
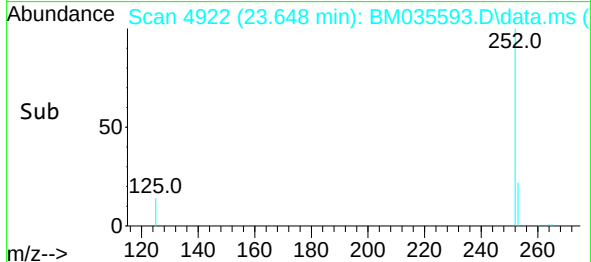
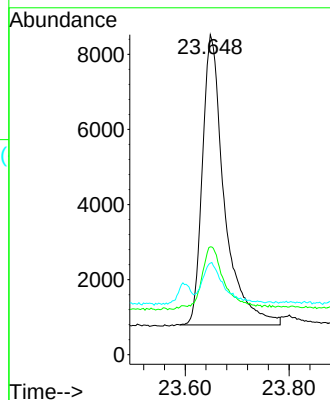
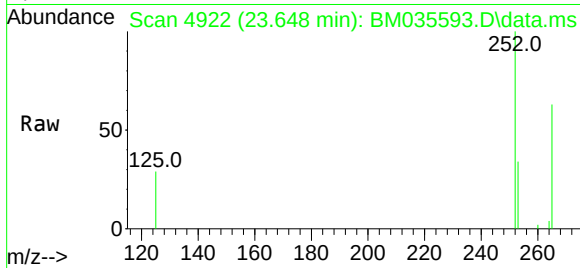




#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.648 min Scan# 4922
Delta R.T. -0.020 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

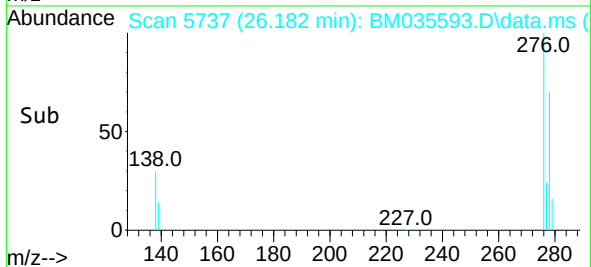
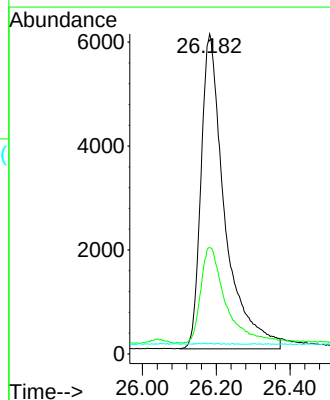
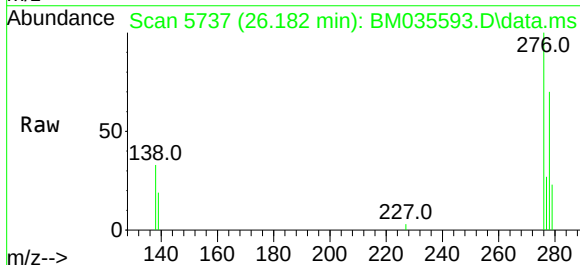
Instrument :
BNA_M
ClientSampleId :
SLCS542

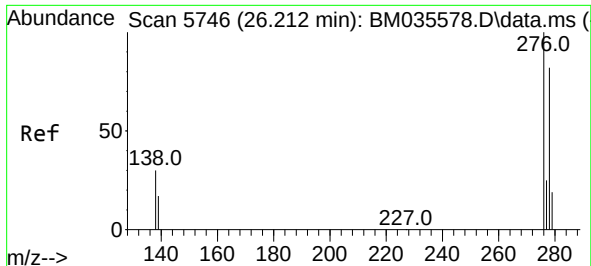
Tgt Ion:252	Resp:	22627
Ion Ratio	Lower	Upper
252	100	
253	33.7	27.8 41.6
125	28.6	23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.182 min Scan# 5737
Delta R.T. -0.029 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Tgt Ion:276	Resp:	27072
Ion Ratio	Lower	Upper
276	100	
138	31.9	24.8 37.2
227	0.0	0.1 0.1#

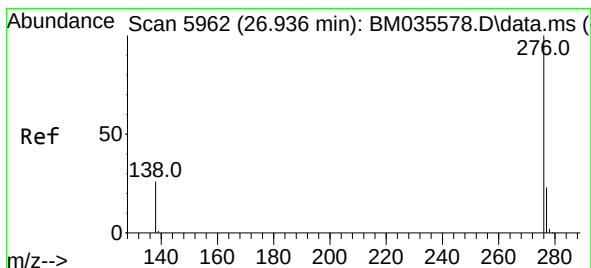
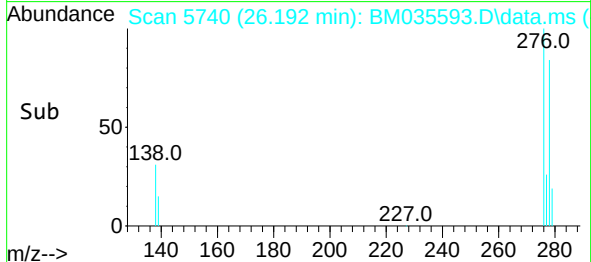
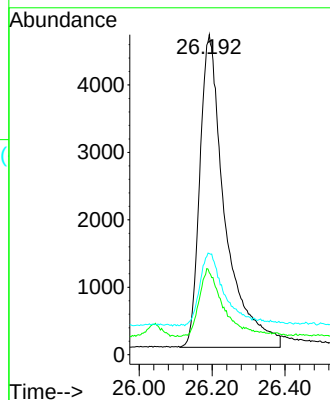
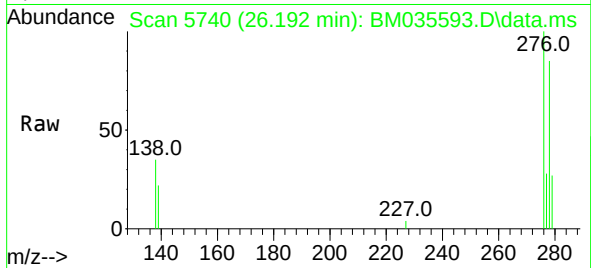




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.192 min Scan# 51
Delta R.T. -0.029 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Instrument :
BNA_M
ClientSampleId :
SLCS542

Tgt Ion:278 Resp: 22215
Ion Ratio Lower Upper
278 100
139 25.6 19.1 28.7
279 31.6 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.920 min Scan# 5957
Delta R.T. -0.026 min
Lab File: BM035593.D
Acq: 22 Jun 2022 04:15

Tgt Ion:276 Resp: 24145
Ion Ratio Lower Upper
276 100
138 29.7 23.1 34.7
277 25.9 20.3 30.5

