

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035541.D
 Acq On : 20 Jun 2022 19:05
 Operator : CG/JU
 Sample : PB145489BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS489

Quant Time: Jun 21 01:29:12 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)

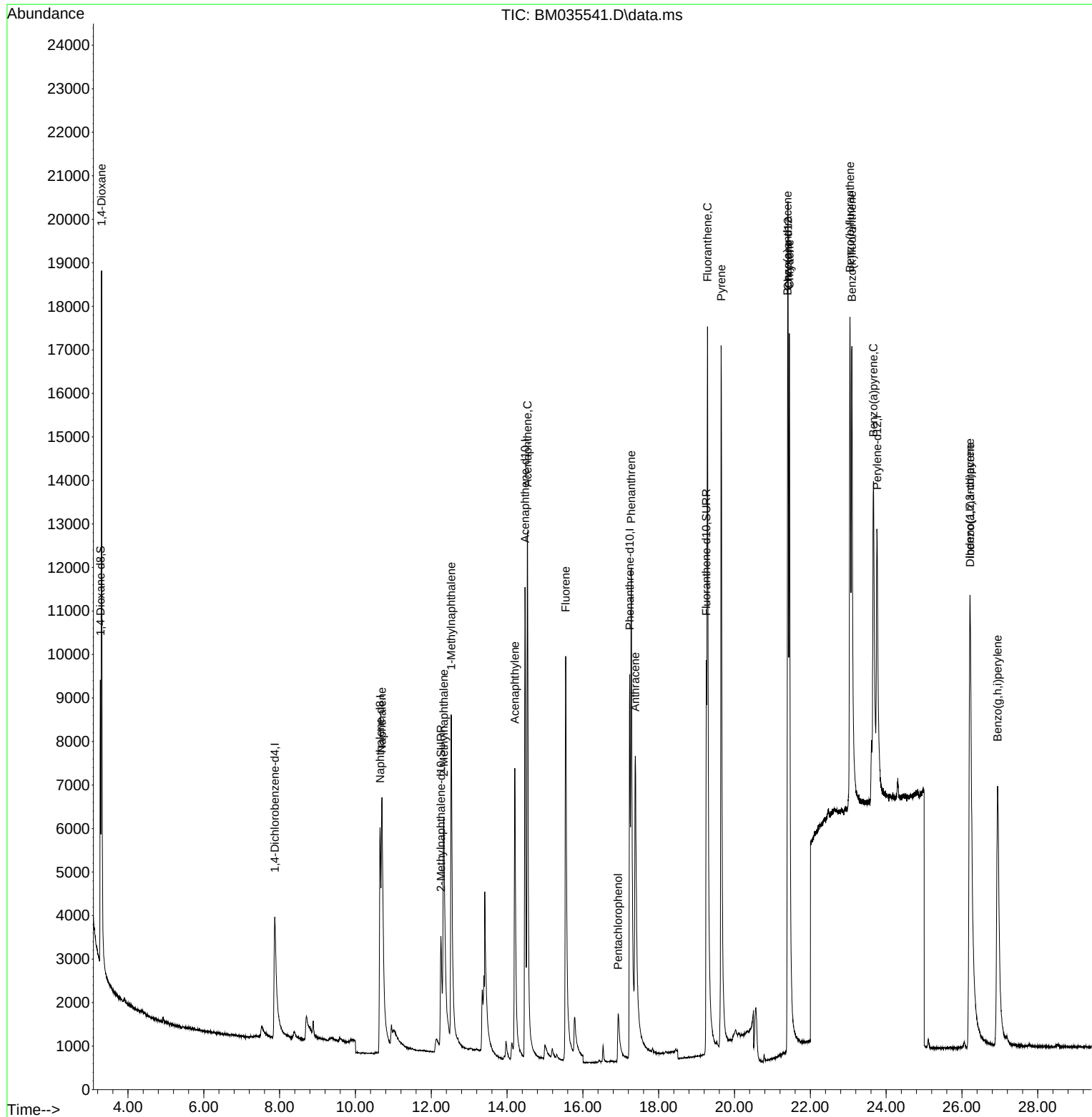
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	3919	0.400	ng/ul	0.01
4) Naphthalene-d8	10.650	136	15243	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8344	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	15942	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	12723	0.400	ng/ul	0.00
23) Perylene-d12	23.761	264	11111	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	4178	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	7739	0.342	ng/ul	0.01
18) Fluoranthene-d10	19.258	212	14781	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	9964	1.815	ng/ul#	56
5) Naphthalene	10.699	128	13880	0.269	ng/ul	99
7) 2-Methylnaphthalene	12.332	142	8255	0.280	ng/ul	97
8) 1-Methylnaphthalene	12.525	142	8585	0.317	ng/ul	99
10) Acenaphthylene	14.206	152	13818	0.294	ng/ul	99
11) Acenaphthene	14.539	153	10253	0.295	ng/ul	99
12) Fluorene	15.547	166	11233	0.285	ng/ul	99
14) Pentachlorophenol	16.930	266	1720	0.563	ng/ul	100
15) Phenanthrene	17.276	178	17009	0.291	ng/ul	100
16) Anthracene	17.382	178	14289	0.279	ng/ul	99
19) Fluoranthene	19.285	202	20060	0.308	ng/ul	98
20) Pyrene	19.648	202	21906	0.321	ng/ul	99
21) Benzo(a)anthracene	21.400	228	15489	0.322	ng/ul	99
22) Chrysene	21.446	228	20105	0.351	ng/ul	99
24) Benzo(b)fluoranthene	23.045	252	16813	0.346	ng/ul	99
25) Benzo(k)fluoranthene	23.095	252	17924	0.355	ng/ul	99
26) Benzo(a)pyrene	23.665	252	17790	0.353	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.208	276	20863	0.359	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.218	278	16868	0.356	ng/ul	99
29) Benzo(g,h,i)perylene	26.939	276	18969	0.365	ng/ul	99

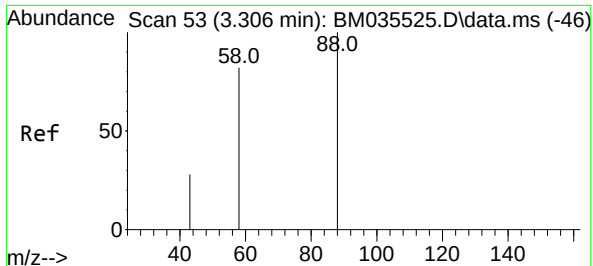
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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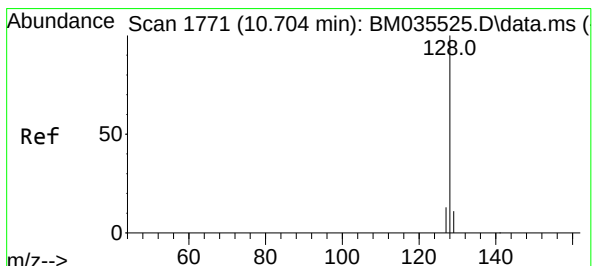
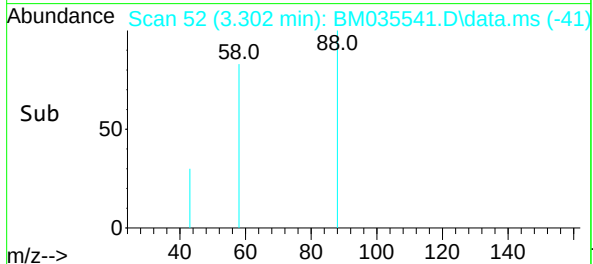
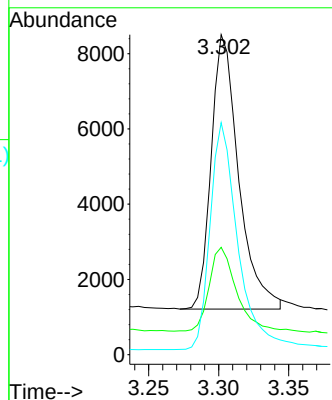
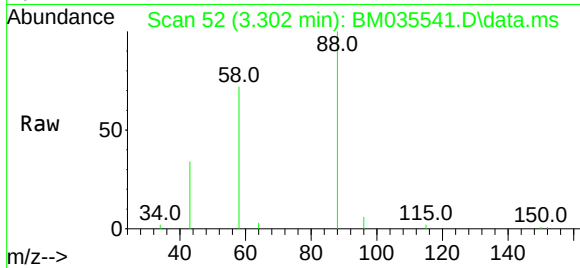




#2
1,4-Dioxane
Concen: 1.815 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

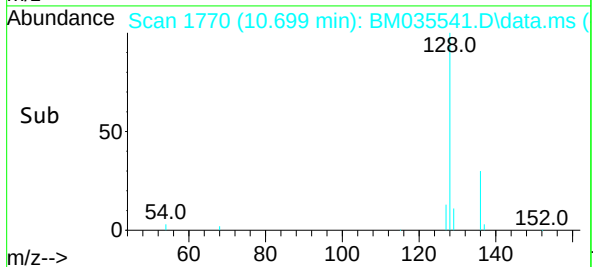
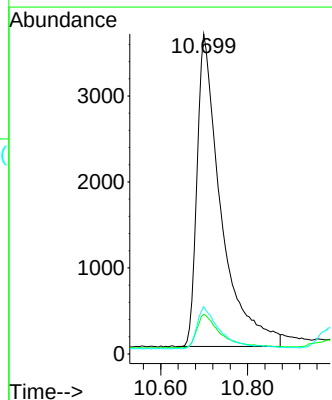
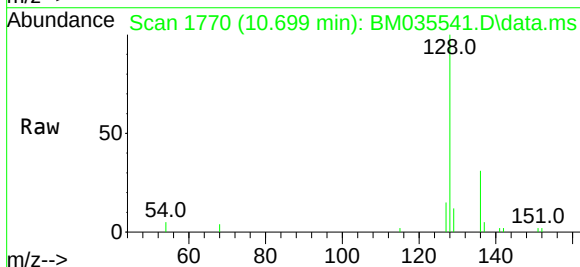
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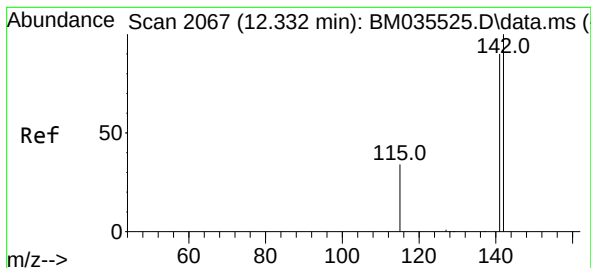
Tgt Ion: 88 Resp: 9964
Ion Ratio Lower Upper
88 100
43 33.5 70.4 105.6#
58 72.5 45.6 68.4#



#5
Naphthalene
Concen: 0.269 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion: 128 Resp: 13880
Ion Ratio Lower Upper
128 100
129 12.3 10.1 15.1
127 14.7 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.280 ng/ul

RT: 12.332 min Scan# 2067

Delta R.T. 0.011 min

Lab File: BM035541.D

Acq: 20 Jun 2022 19:05

Instrument :

BNA_M

ClientSampleId :

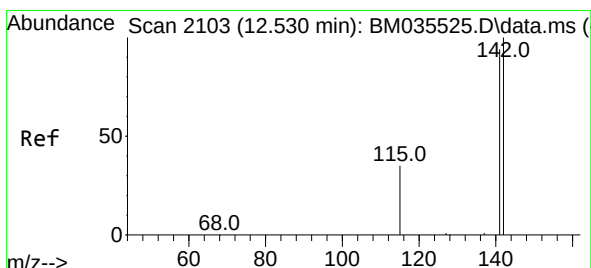
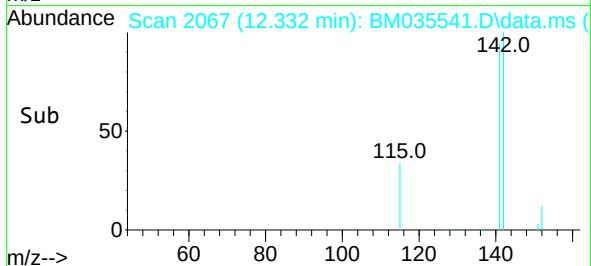
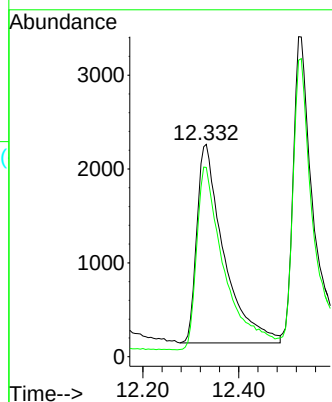
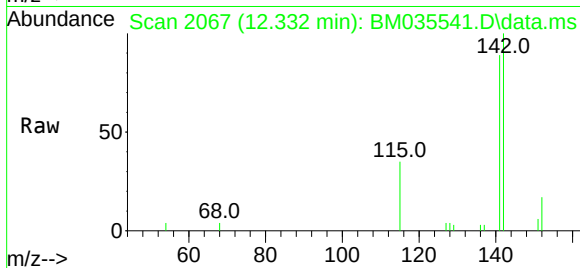
SLCS489

Tgt Ion:142 Resp: 8255

Ion Ratio Lower Upper

142 100

141 94.8 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.317 ng/ul

RT: 12.525 min Scan# 2102

Delta R.T. 0.000 min

Lab File: BM035541.D

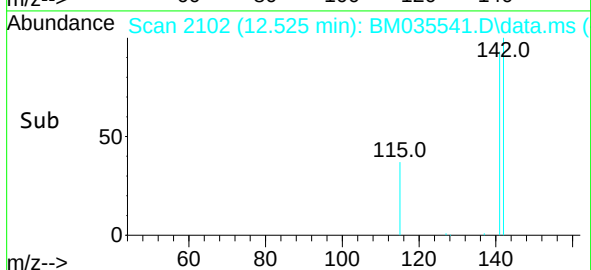
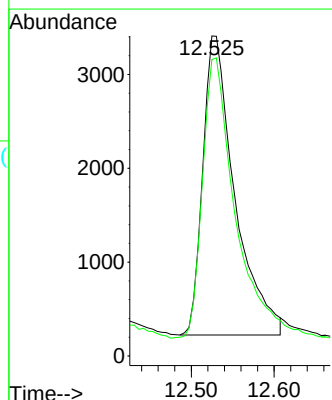
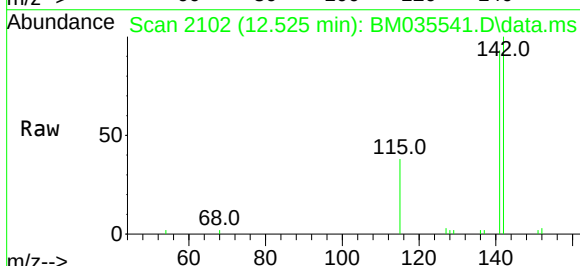
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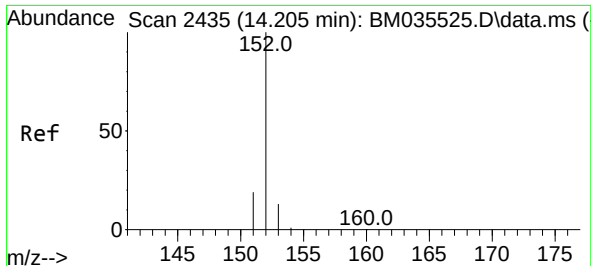
Tgt Ion:142 Resp: 8585

Ion Ratio Lower Upper

142 100

141 94.2 74.6 111.8

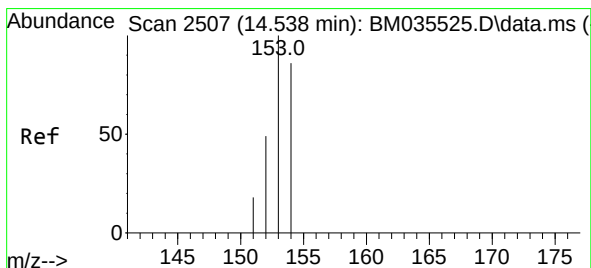
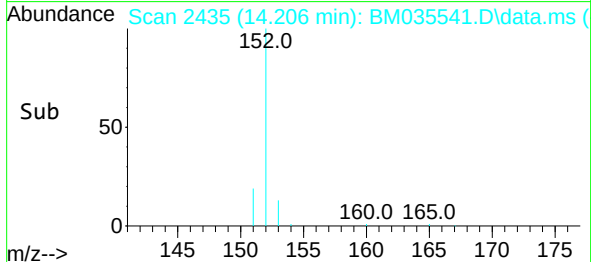
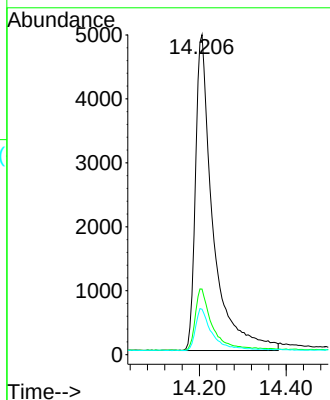
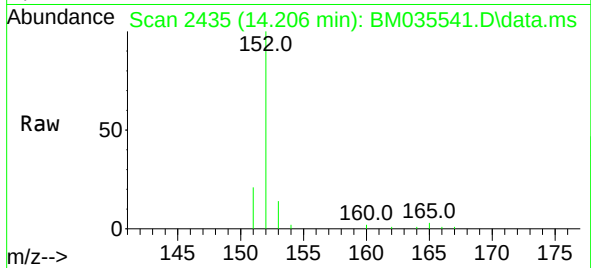




#10
Acenaphthylene
Concen: 0.294 ng/u1
RT: 14.206 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

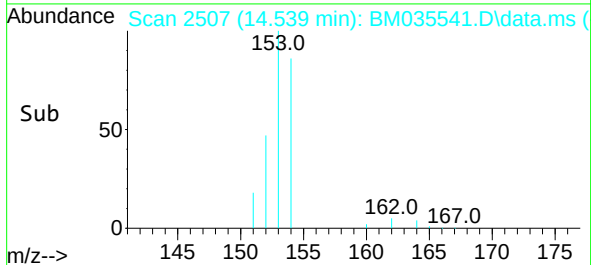
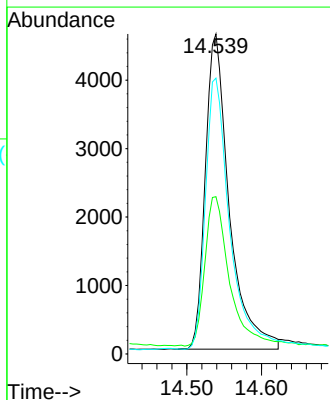
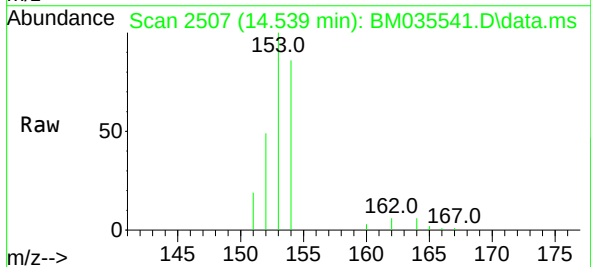
Instrument :
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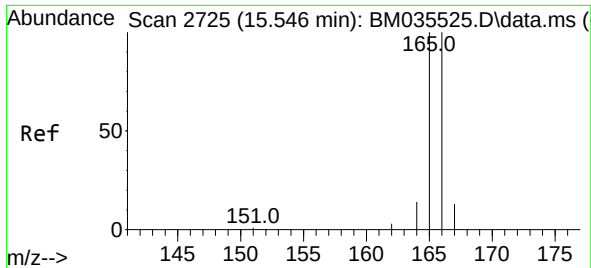
Tgt Ion:152 Resp: 13818
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.295 ng/u1
RT: 14.539 min Scan# 2507
Delta R.T. 0.005 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion:153 Resp: 10253
Ion Ratio Lower Upper
153 100
152 49.1 40.0 60.0
154 86.2 69.1 103.7

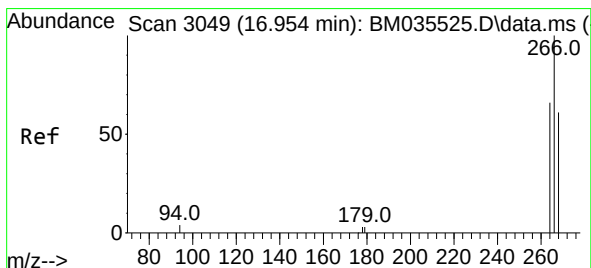
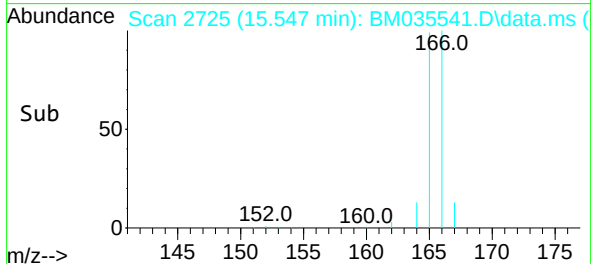
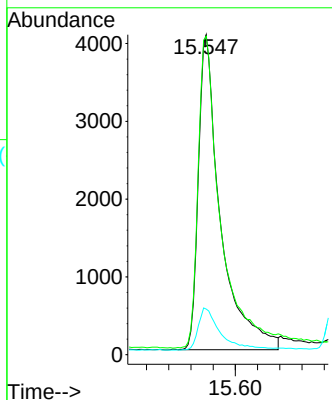
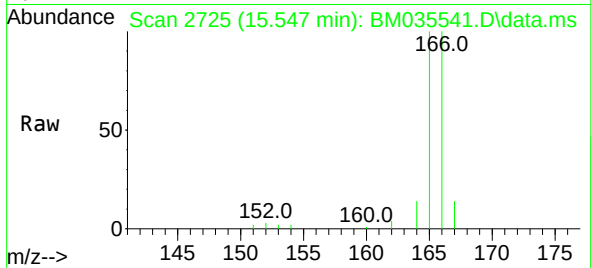




#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.547 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

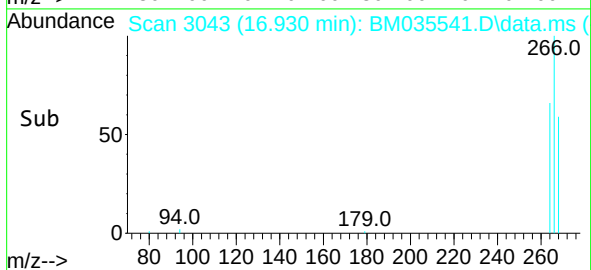
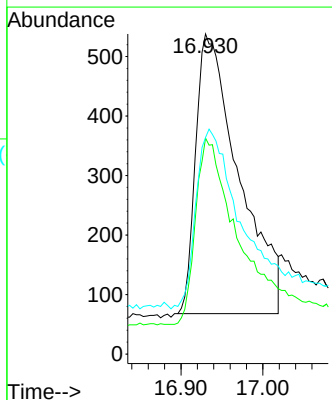
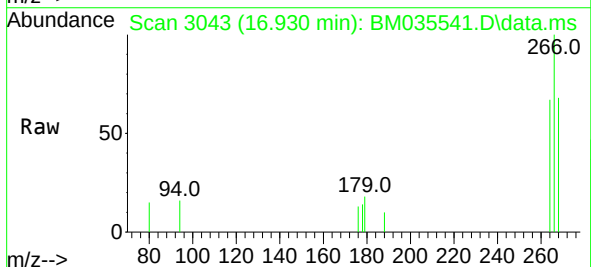
Instrument :
BNA_M
ClientSampleId :
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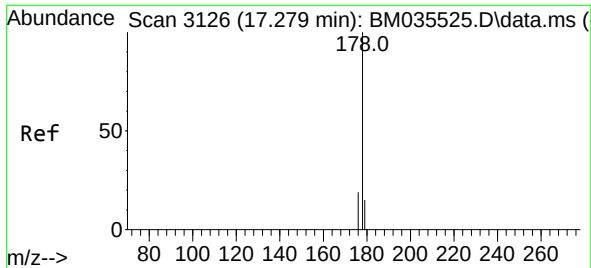
Tgt Ion:166 Resp: 11233
Ion Ratio Lower Upper
166 100
165 99.5 78.7 118.1
167 14.3 11.6 17.4



#14
Pentachlorophenol
Concen: 0.563 ng/ul
RT: 16.930 min Scan# 3043
Delta R.T. 0.000 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion:266 Resp: 1720
Ion Ratio Lower Upper
266 100
264 64.2 51.0 76.4
268 64.7 51.7 77.5

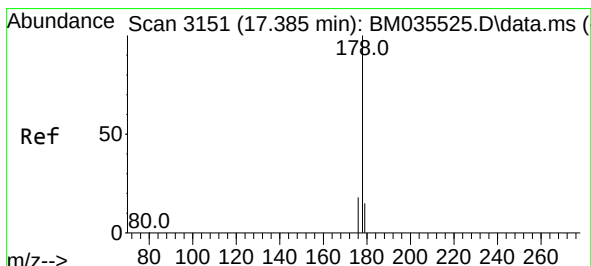
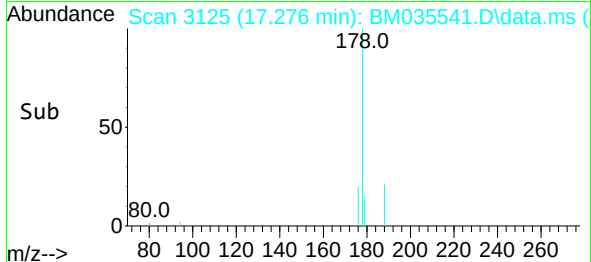
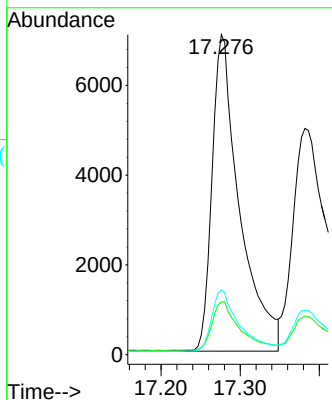
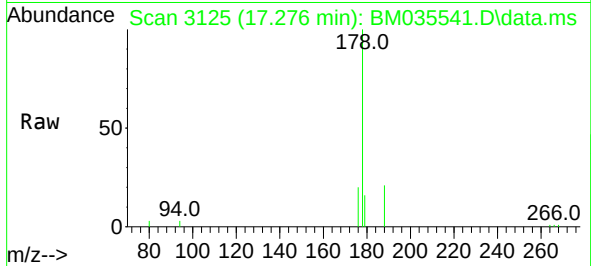




#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.276 min Scan# 3126
Delta R.T. 0.004 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

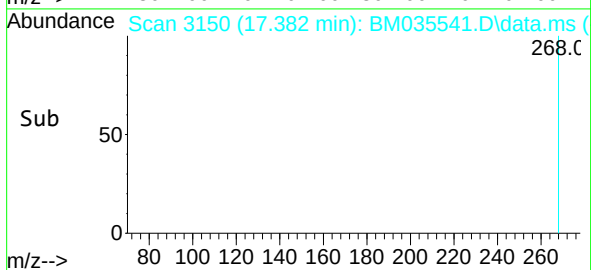
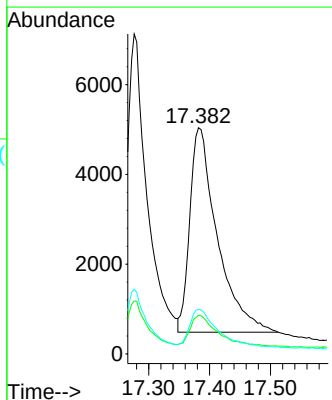
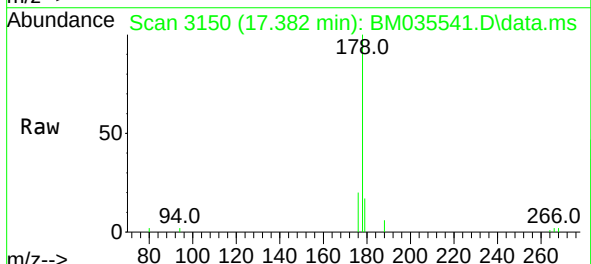
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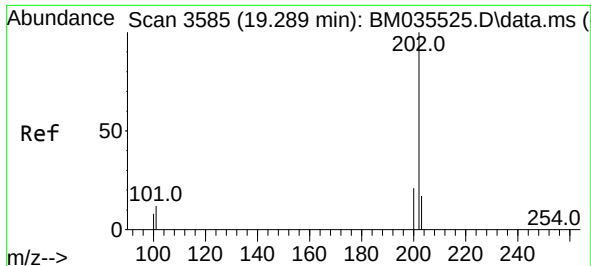
Tgt Ion:	178	Resp:	17009
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.2	19.8
176	20.3	16.2	24.4



#16
Anthracene
Concen: 0.279 ng/ul
RT: 17.382 min Scan# 3150
Delta R.T. 0.008 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion:	178	Resp:	14289
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.4	20.0
176	19.6	15.9	23.9

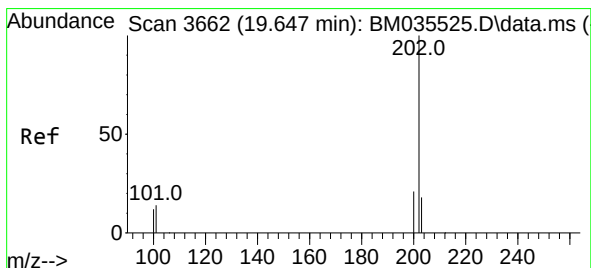
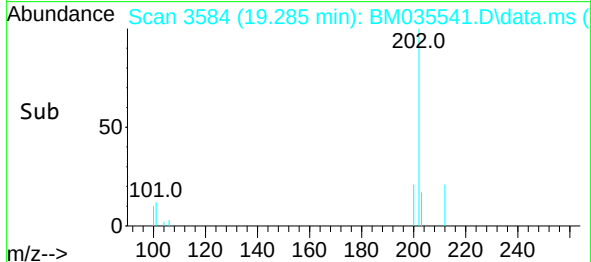
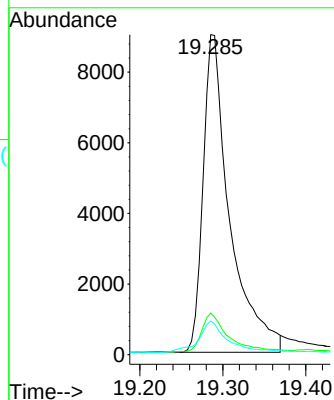
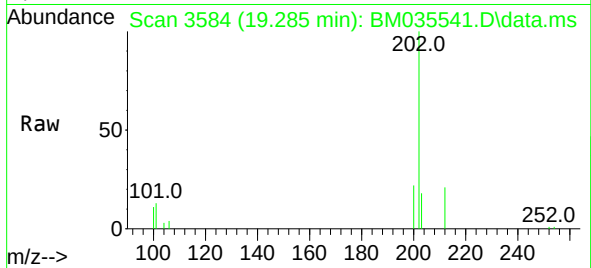




#19
Fluoranthene
Concen: 0.308 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

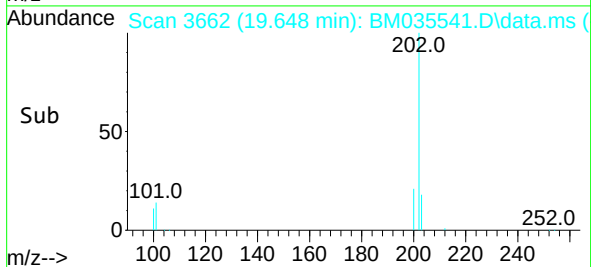
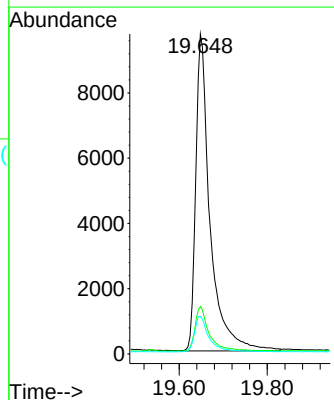
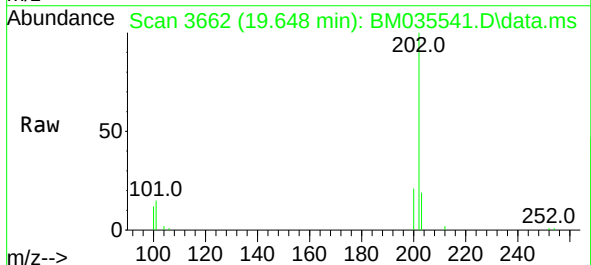
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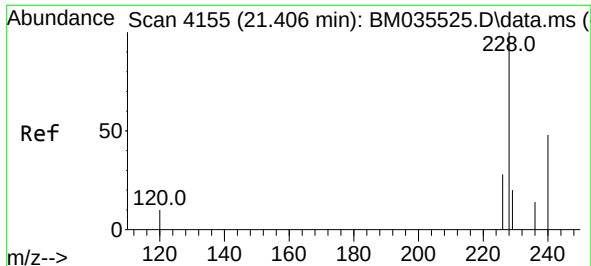
Tgt Ion:202 Resp: 20060
Ion Ratio Lower Upper
202 100
101 13.0 10.0 15.0
100 10.5 7.5 11.3



#20
Pyrene
Concen: 0.321 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion:202 Resp: 21906
Ion Ratio Lower Upper
202 100
101 14.8 11.6 17.4
100 11.7 9.3 13.9

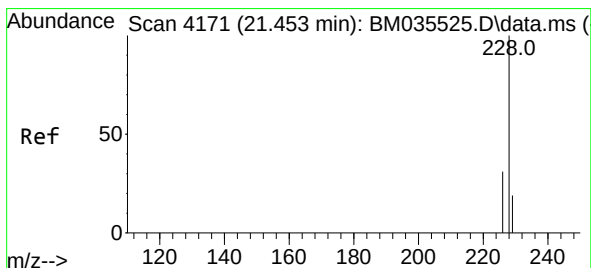
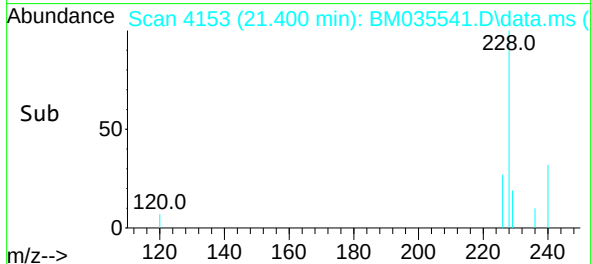
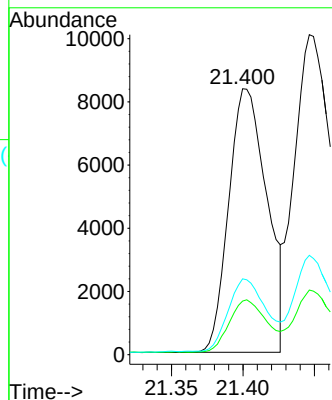
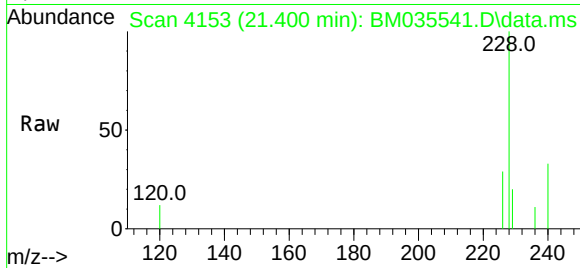




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.400 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

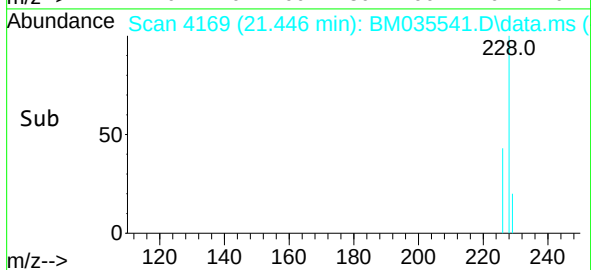
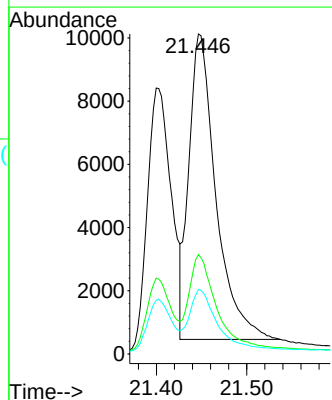
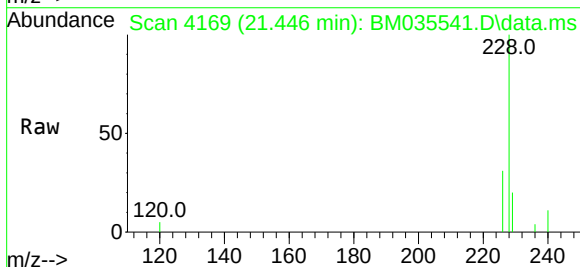
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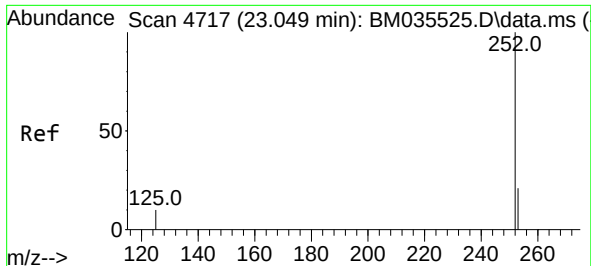
Tgt Ion:228 Resp: 15489
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.351 ng/ul
RT: 21.446 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion:228 Resp: 20105
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 20.2 15.8 23.8

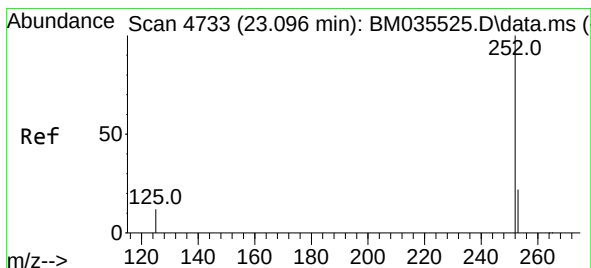
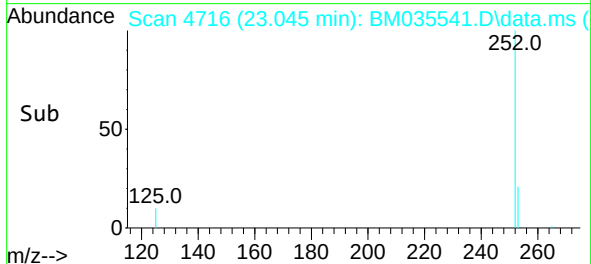
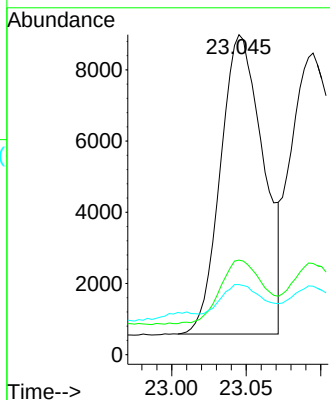
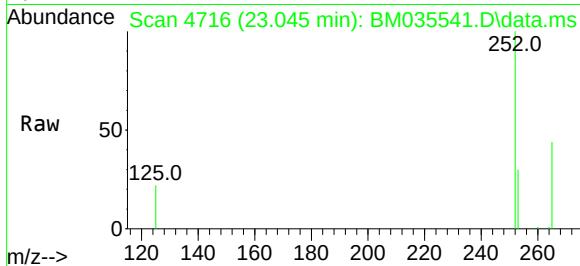




#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.045 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

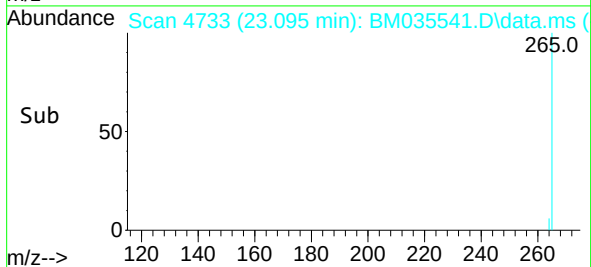
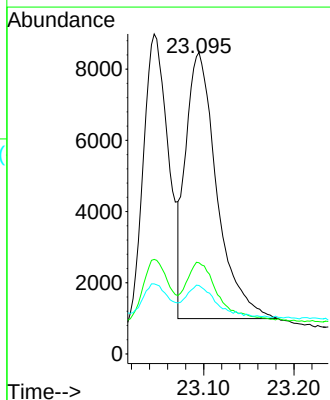
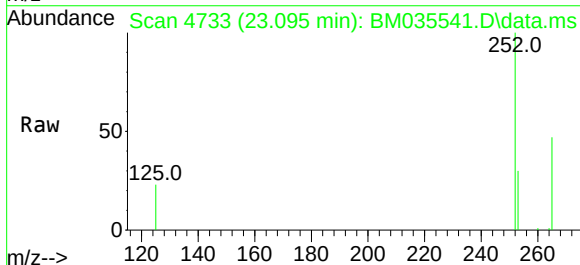
Instrument :
BNA_M
ClientSampleId :
SLCS489

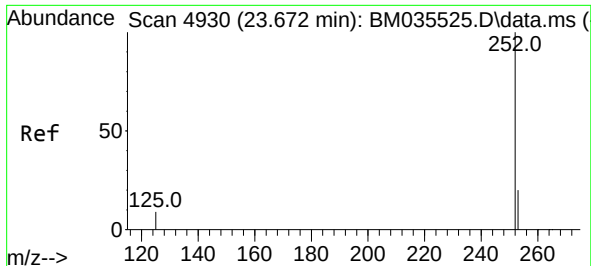
Tgt Ion:252	Resp:	16813
Ion Ratio	Lower	Upper
252	100	
253	29.5	0.0 60.6
125	21.9	0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. -0.003 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion:252	Resp:	17924
Ion Ratio	Lower	Upper
252	100	
253	30.2	24.7 37.1
125	22.7	18.2 27.4

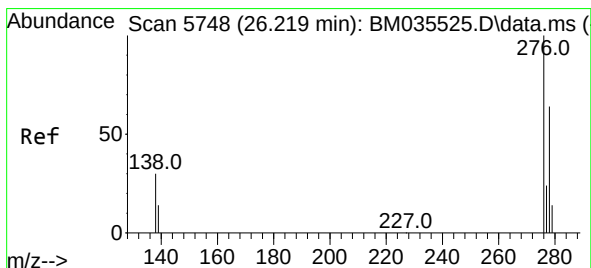
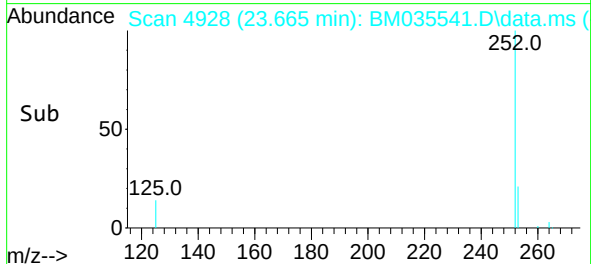
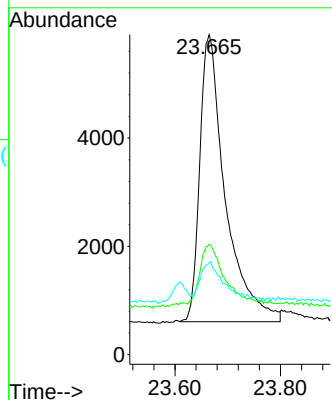
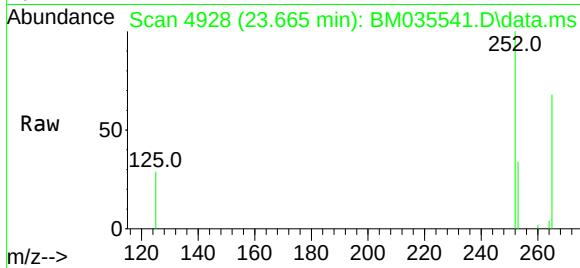




#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.665 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

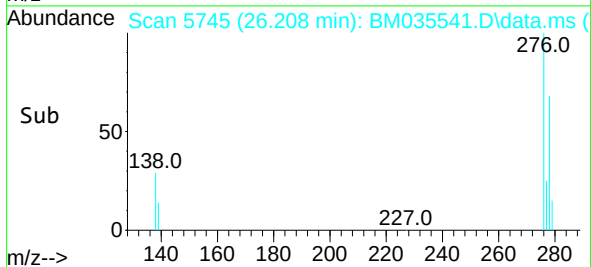
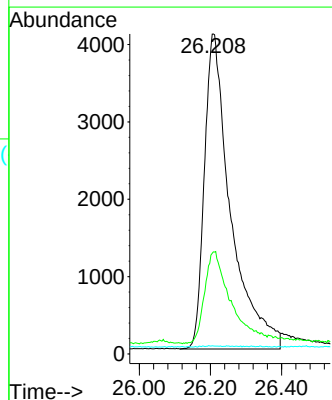
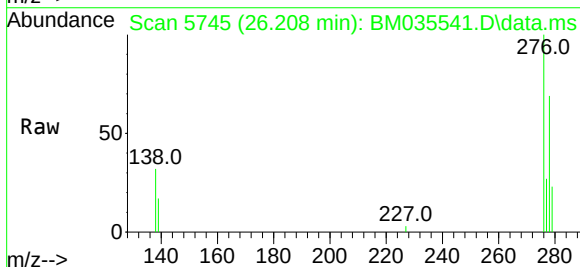
Instrument :
BNA_M
ClientSampleId :
SLCS489

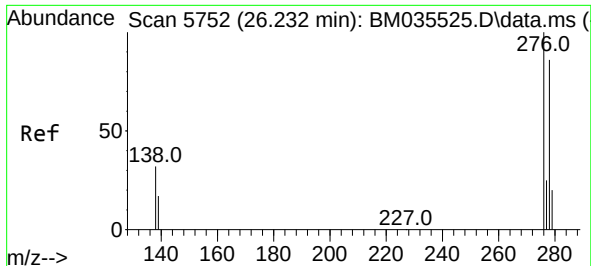
Tgt Ion:252 Resp: 17790
Ion Ratio Lower Upper
252 100
253 34.4 27.8 41.6
125 28.8 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 26.208 min Scan# 5745
Delta R.T. -0.003 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion:276 Resp: 20863
Ion Ratio Lower Upper
276 100
138 30.1 24.8 37.2
227 0.0 0.1 0.1#

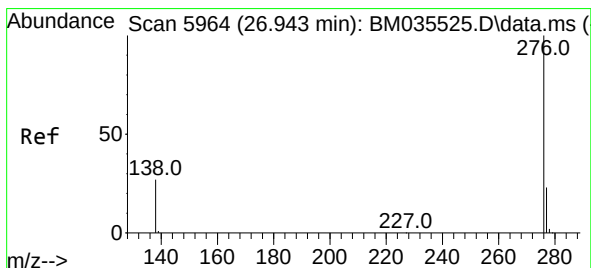
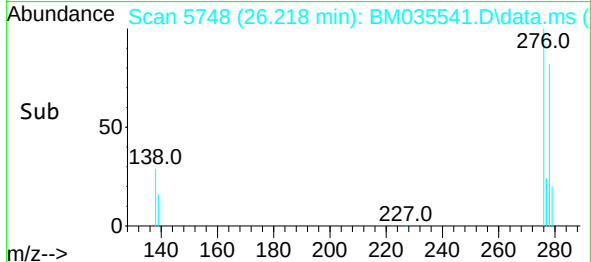
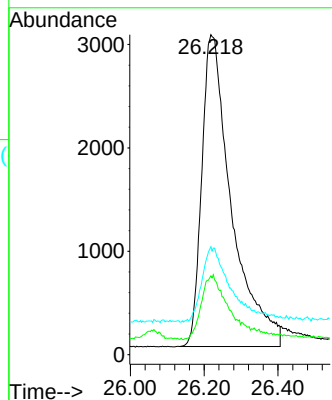
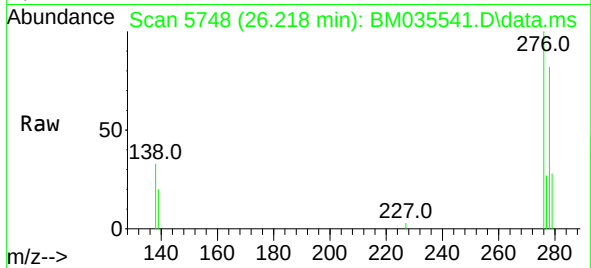




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.218 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Instrument :
BNA_M
ClientSampleId :
SLCS489

Tgt Ion:278 Resp: 16868
Ion Ratio Lower Upper
278 100
139 24.7 19.1 28.7
279 33.8 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 26.939 min Scan# 5963
Delta R.T. -0.007 min
Lab File: BM035541.D
Acq: 20 Jun 2022 19:05

Tgt Ion:276 Resp: 18969
Ion Ratio Lower Upper
276 100
138 29.5 23.1 34.7
277 25.4 20.3 30.5

