

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062522\
 Data File : BM035688.D
 Acq On : 25 Jun 2022 15:38
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV007

Quant Time: Jun 28 02:34:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 02:33:21 2022
 Response via : Initial Calibration

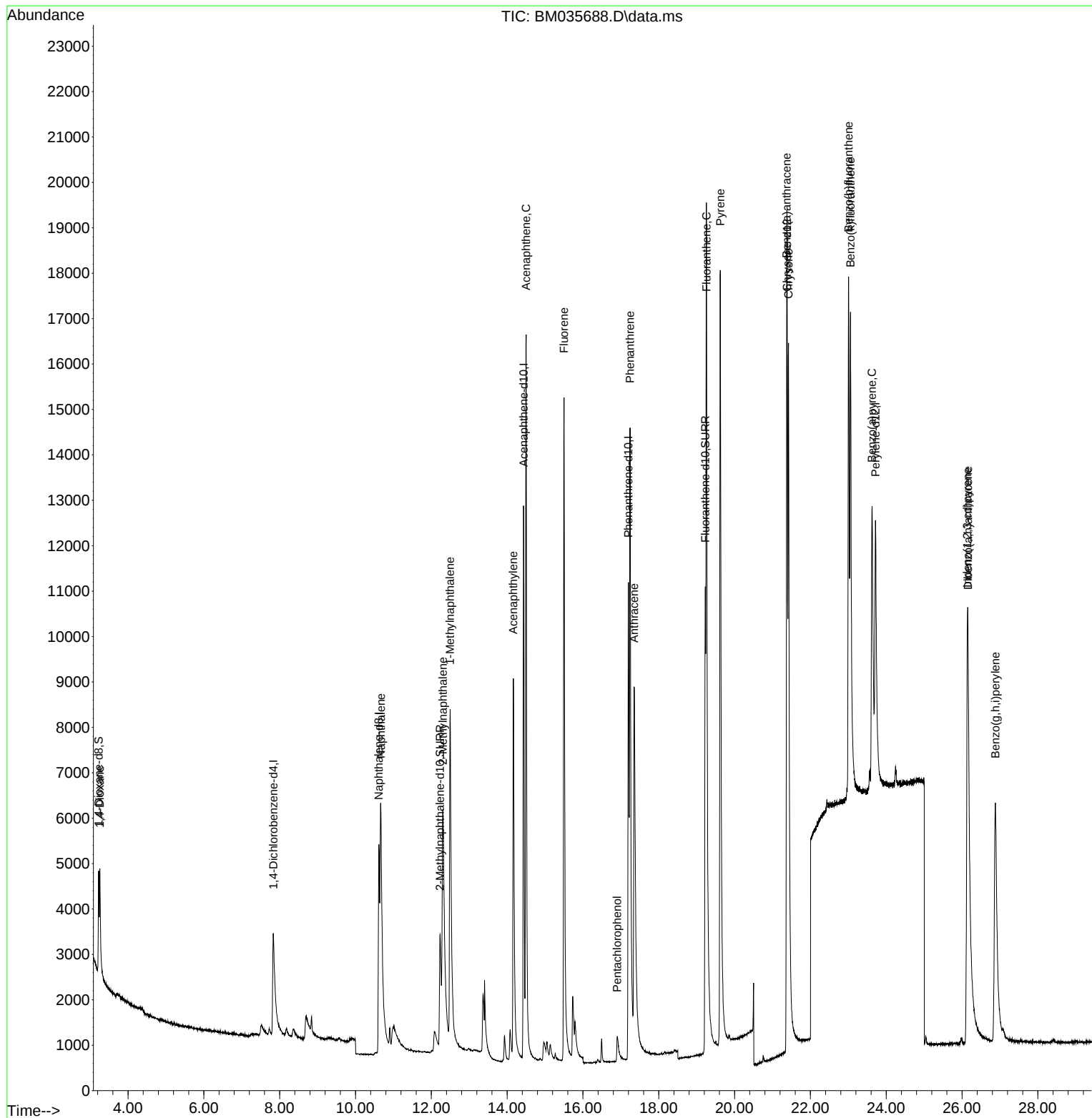
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	3180	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.616	136	12779	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.436	164	8196	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	16889	0.400	ng/ul	0.00
17) Chrysene-d12	21.383	240	12642	0.400	ng/ul	0.00
23) Perylene-d12	23.718	264	10477	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	1684	0.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	7749	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	17179	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.259	88	1312	0.307	ng/ul	93
5) Naphthalene	10.666	128	14439	0.370	ng/ul	99
7) 2-Methylnaphthalene	12.305	142	9144	0.374	ng/ul	98
8) 1-Methylnaphthalene	12.497	142	8794	0.380	ng/ul	99
10) Acenaphthylene	14.163	152	15722	0.366	ng/ul	100
11) Acenaphthene	14.501	153	12105	0.366	ng/ul	99
12) Fluorene	15.500	166	13862	0.364	ng/ul	100
14) Pentachlorophenol	16.904	266	826	0.310	ng/ul	99
15) Phenanthrene	17.241	178	21582	0.353	ng/ul	99
16) Anthracene	17.351	178	17391	0.342	ng/ul	100
19) Fluoranthene	19.257	202	23367	0.369	ng/ul	99
20) Pyrene	19.624	202	26323	0.371	ng/ul	99
21) Benzo(a)anthracene	21.374	228	14651	0.335	ng/ul	100
22) Chrysene	21.421	228	20751	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.008	252	16786	0.374	ng/ul	99
25) Benzo(k)fluoranthene	23.057	252	17845	0.389	ng/ul	97
26) Benzo(a)pyrene	23.625	252	16489	0.359	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.138	276	18794	0.376	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.158	278	15572	0.393	ng/ul	99
29) Benzo(g,h,i)perylene	26.879	276	17623	0.382	ng/ul	98

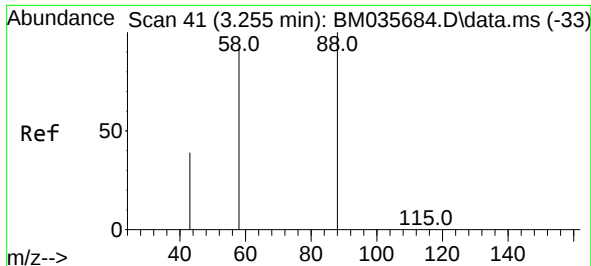
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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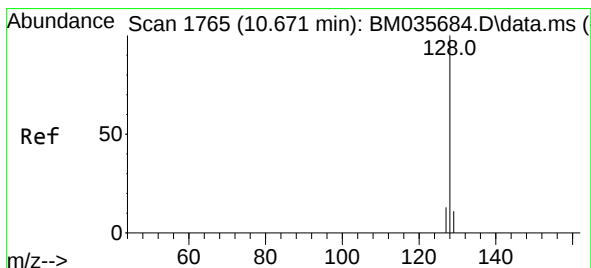
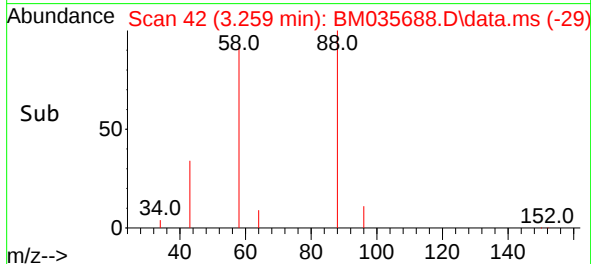
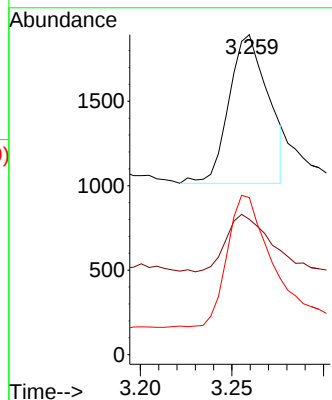
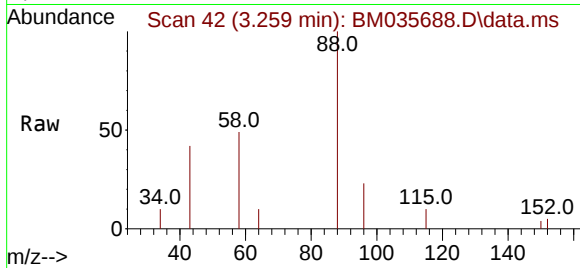




#2
1,4-Dioxane
Concen: 0.307 ng/ul
RT: 3.259 min Scan# 41
Delta R.T. 0.004 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

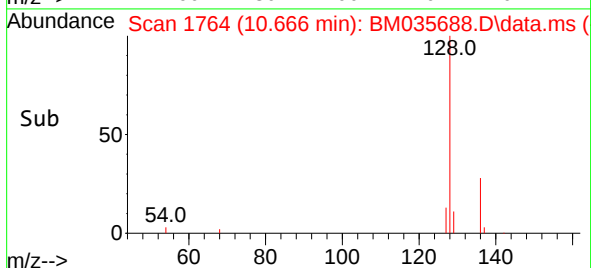
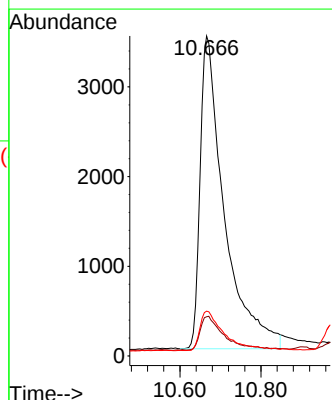
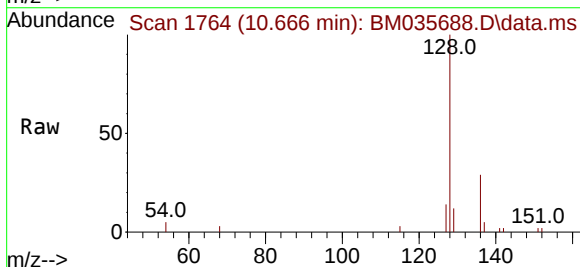
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BNA_M
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SICV007

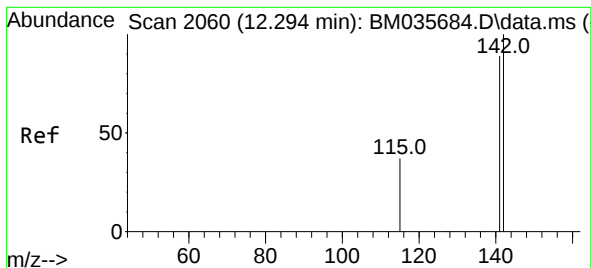
Tgt Ion: 88 Resp: 1312
Ion Ratio Lower Upper
88 100
43 42.3 37.8 56.6
58 49.1 42.6 63.8



#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion: 128 Resp: 14439
Ion Ratio Lower Upper
128 100
129 12.3 10.2 15.2
127 14.0 11.7 17.5

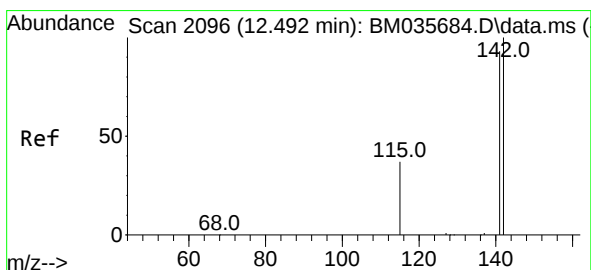
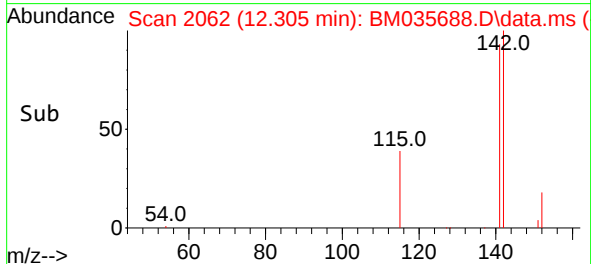
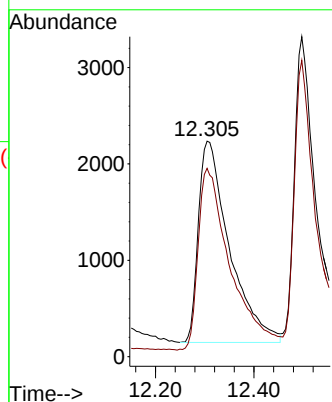
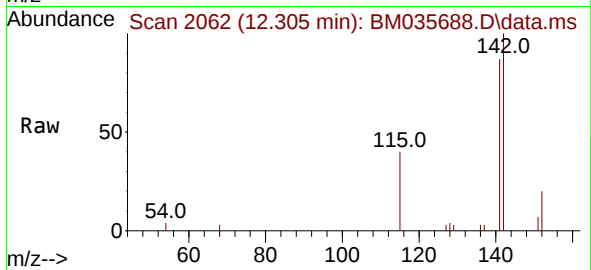




#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.011 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

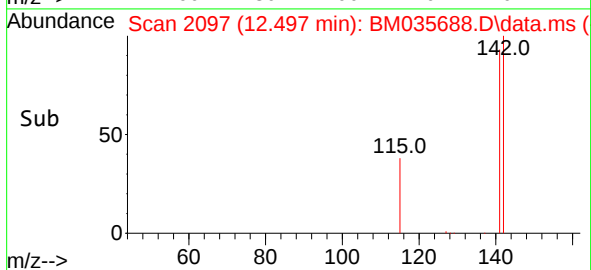
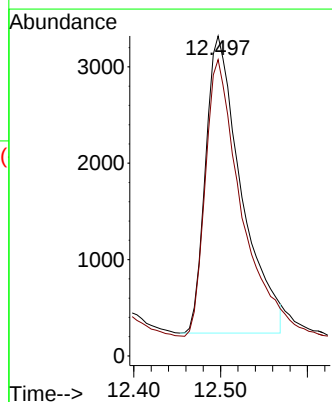
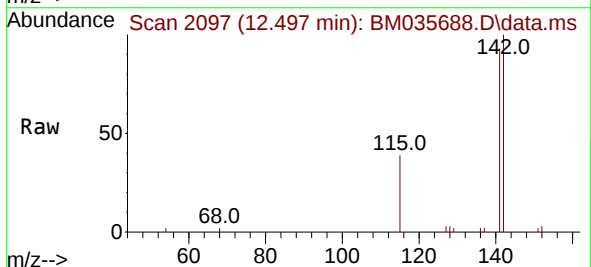
Instrument :
BNA_M
ClientSampleId :
SICV007

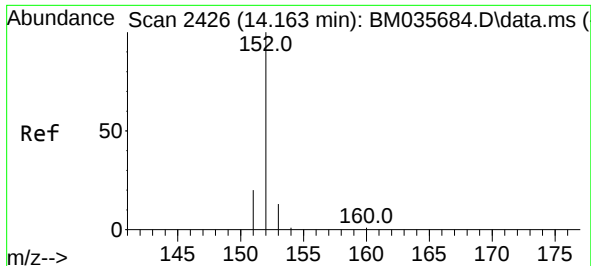
Tgt Ion:142 Resp: 9144
Ion Ratio Lower Upper
142 100
141 94.5 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.497 min Scan# 2097
Delta R.T. 0.005 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:142 Resp: 8794
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1

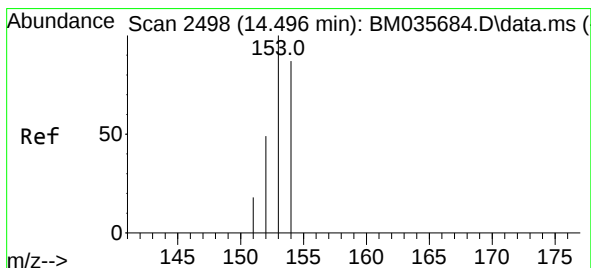
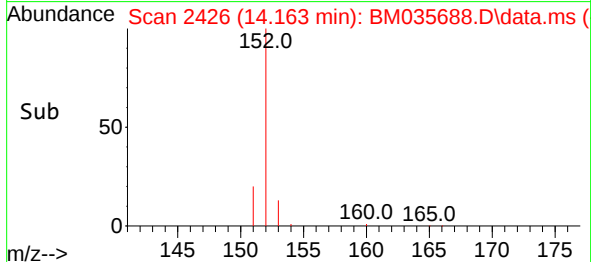
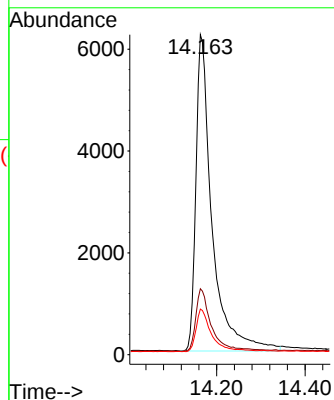
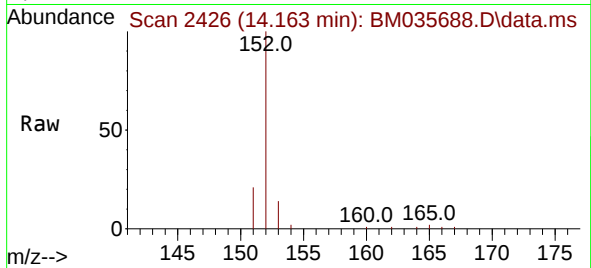




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.163 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

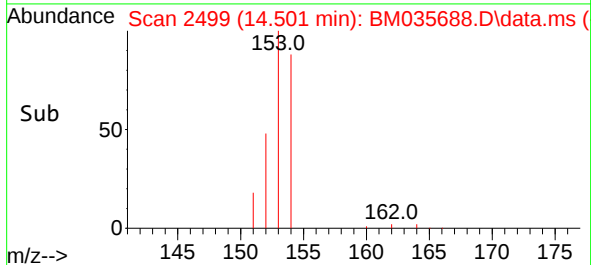
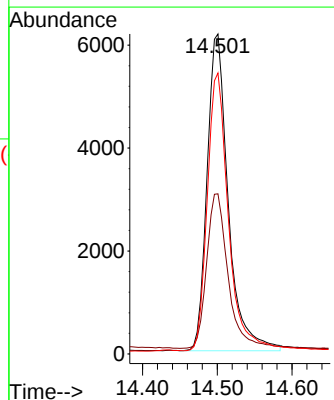
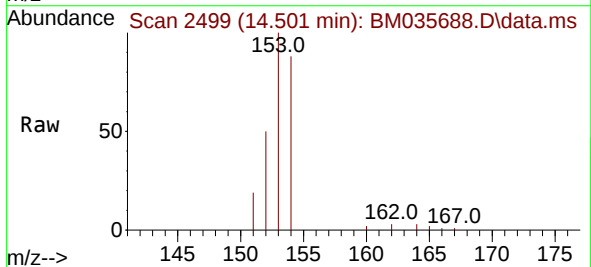
Instrument :
BNA_M
ClientSampleId :
SICV007

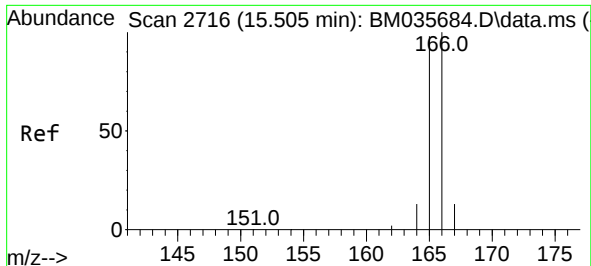
Tgt Ion:152	Resp:	15722
Ion Ratio	Lower	Upper
152	100	
151	20.6	16.6 24.8
153	14.2	11.4 17.0



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.501 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:153	Resp:	12105
Ion Ratio	Lower	Upper
153	100	
152	50.0	40.2 60.4
154	87.8	69.7 104.5

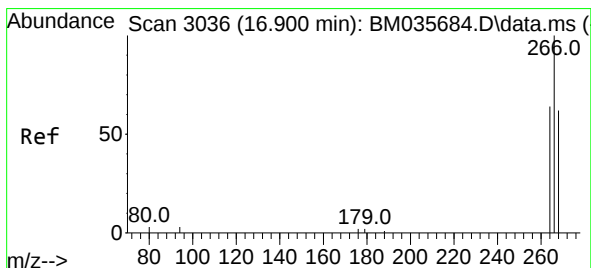
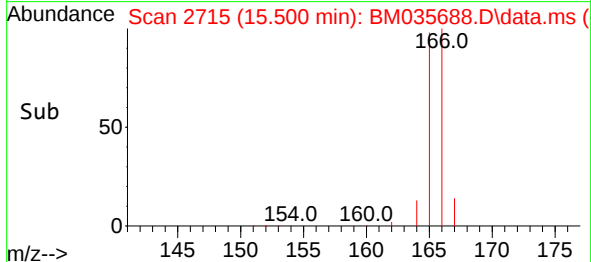
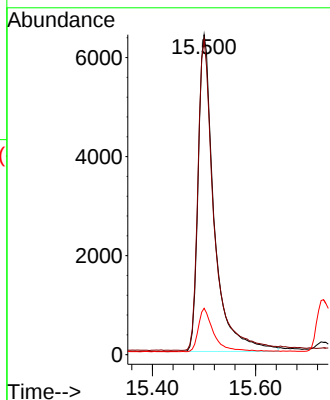
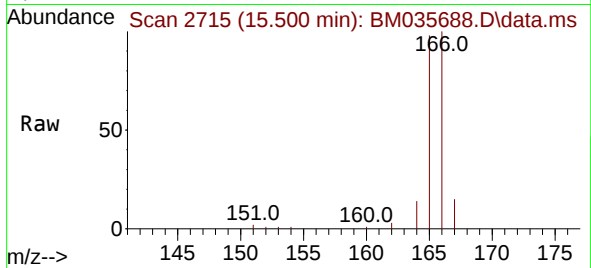




#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.500 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

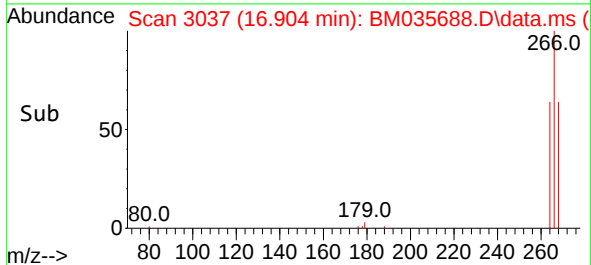
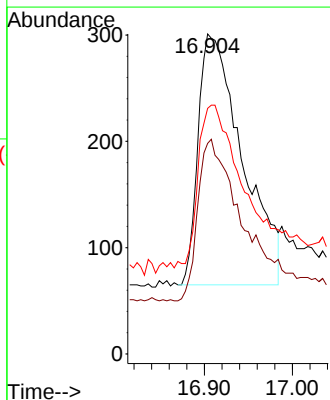
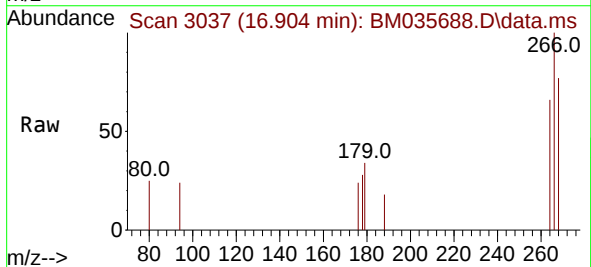
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ClientSampleId :
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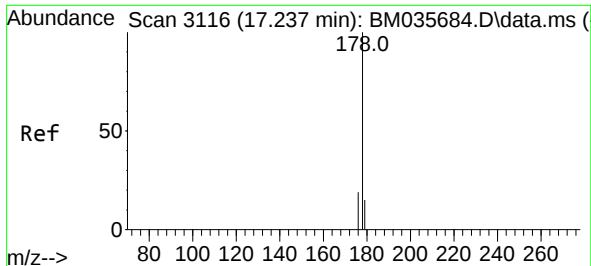
Tgt Ion:166 Resp: 13862
Ion Ratio Lower Upper
166 100
165 98.5 78.9 118.3
167 14.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.310 ng/ul
RT: 16.904 min Scan# 3037
Delta R.T. 0.004 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:266 Resp: 826
Ion Ratio Lower Upper
266 100
264 64.6 50.3 75.5
268 66.3 53.5 80.3

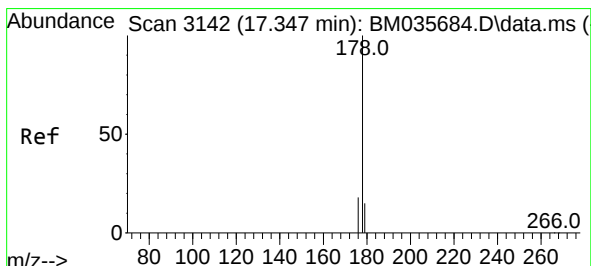
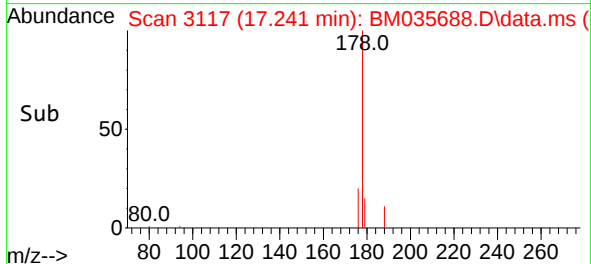
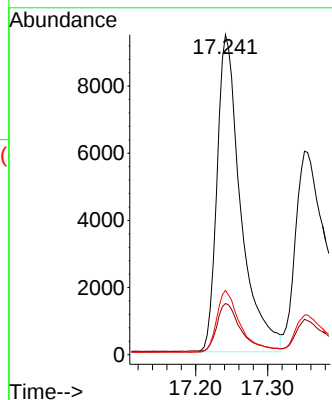
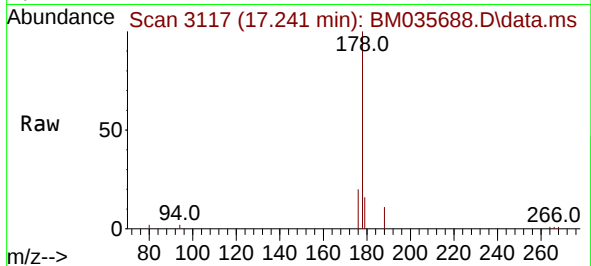




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.241 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

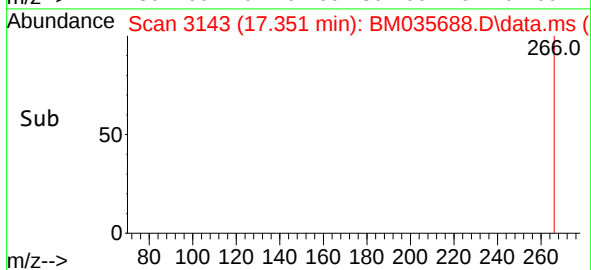
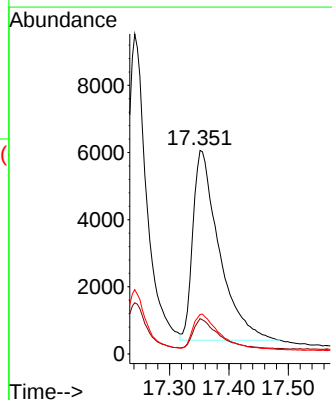
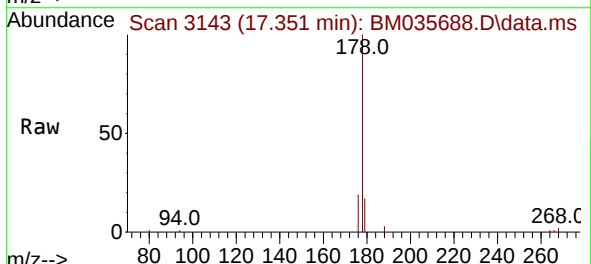
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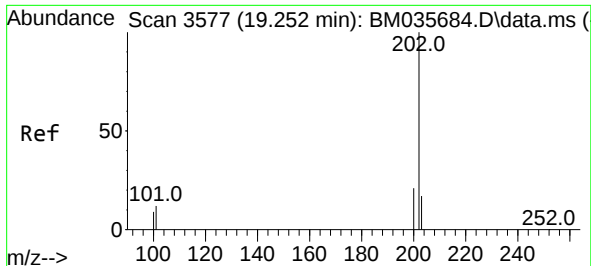
Tgt Ion:178 Resp: 21582
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 20.1 15.6 23.4



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. 0.004 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:178 Resp: 17391
Ion Ratio Lower Upper
178 100
179 17.4 13.6 20.4
176 19.4 15.6 23.4

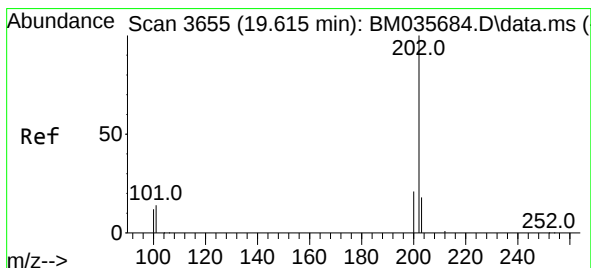
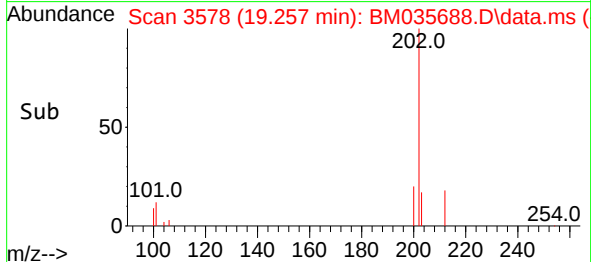
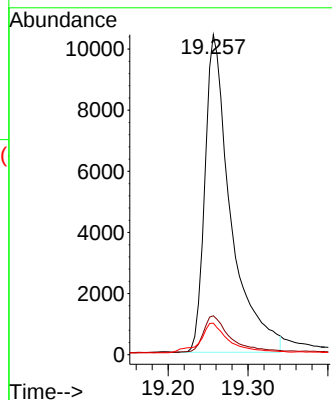
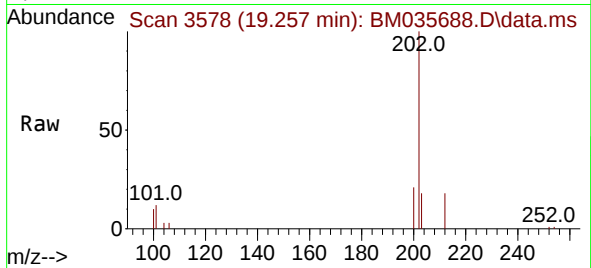




#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.257 min Scan# 31
Delta R.T. 0.005 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

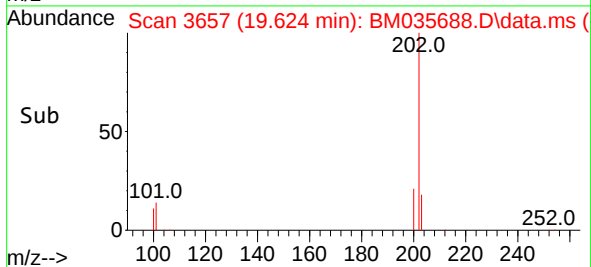
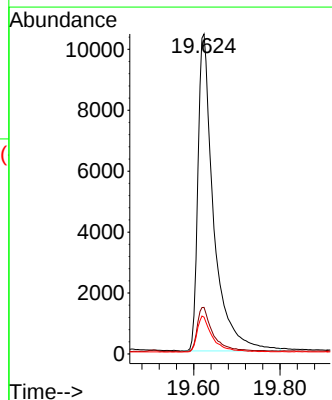
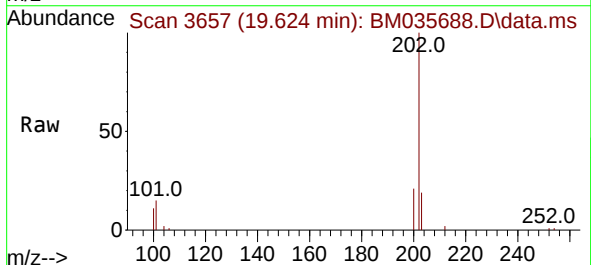
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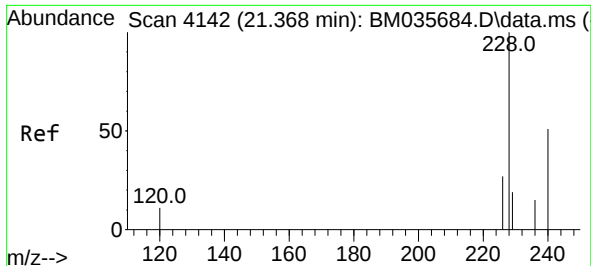
Tgt Ion:	202	Resp:	23367
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.1	15.1
100	9.8	7.9	11.9



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. 0.009 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:	202	Resp:	26323
Ion Ratio	Lower	Upper	
202	100		
101	14.6	12.0	18.0
100	11.5	9.8	14.6

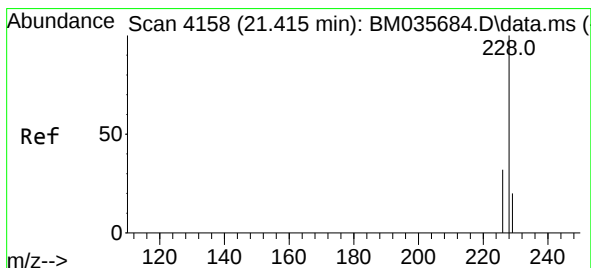
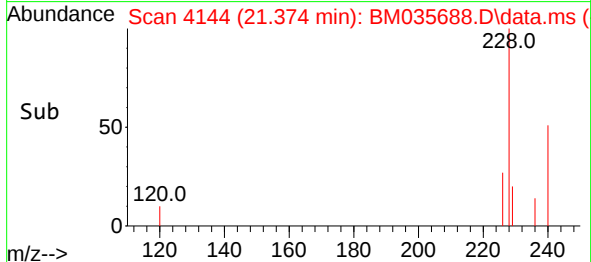
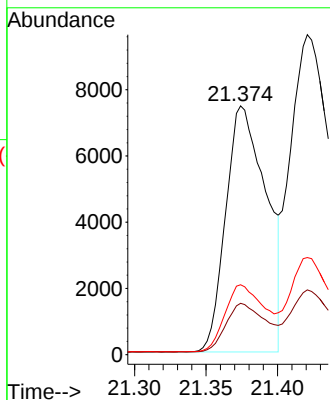
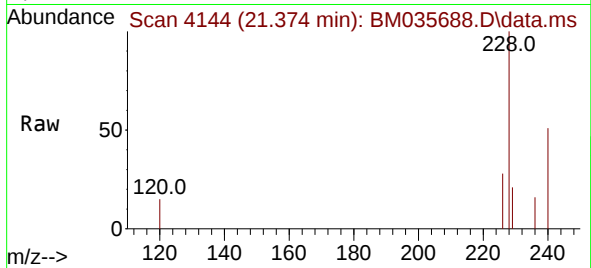




#21
Benzo(a)anthracene
Concen: 0.335 ng/u1
RT: 21.374 min Scan# 4142
Delta R.T. 0.006 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

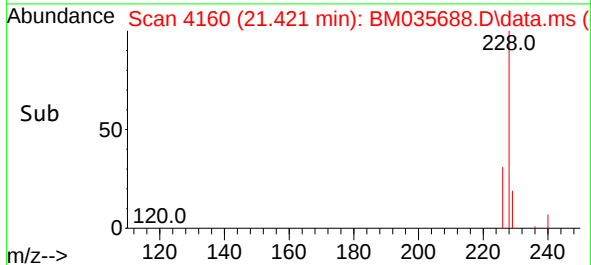
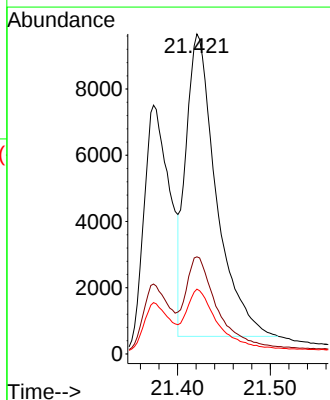
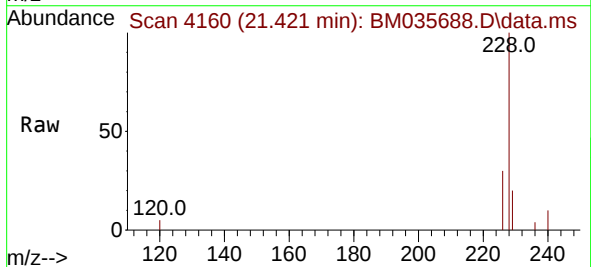
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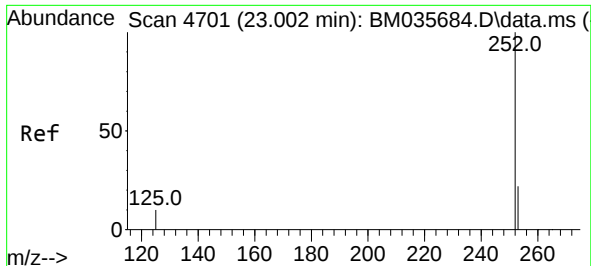
Tgt Ion:228 Resp: 14651
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 28.1 22.5 33.7



#22
Chrysene
Concen: 0.369 ng/u1
RT: 21.421 min Scan# 4160
Delta R.T. 0.006 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:228 Resp: 20751
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.3 16.4 24.6

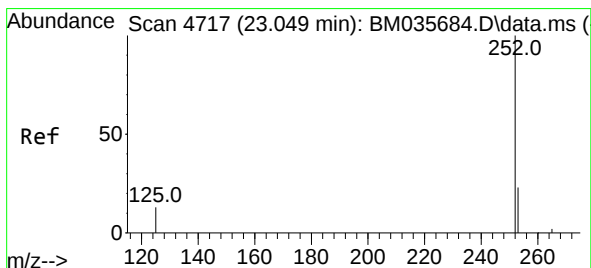
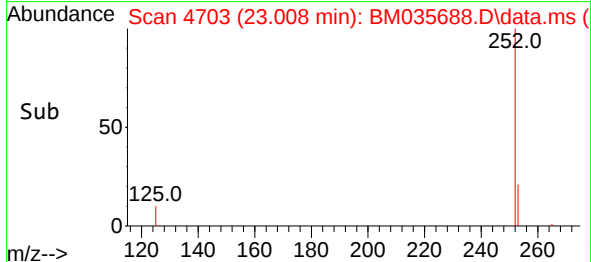
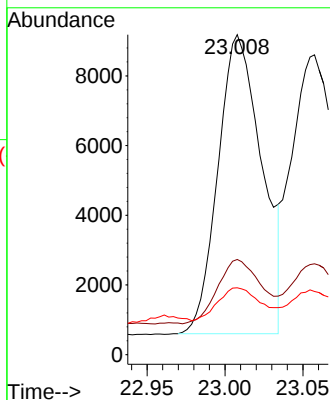
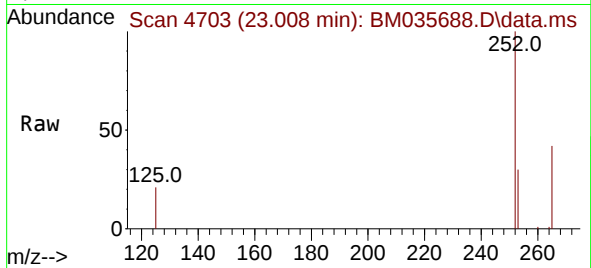




#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.008 min Scan# 4701
Delta R.T. 0.006 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

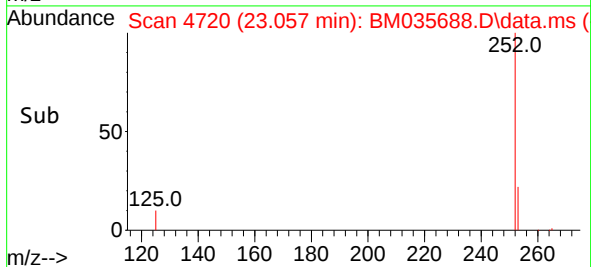
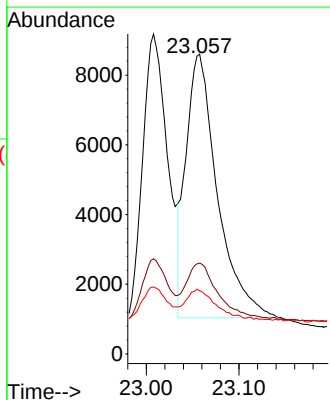
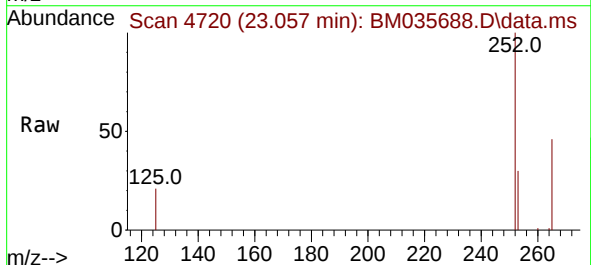
Instrument :
BNA_M
ClientSampleId :
SICV007

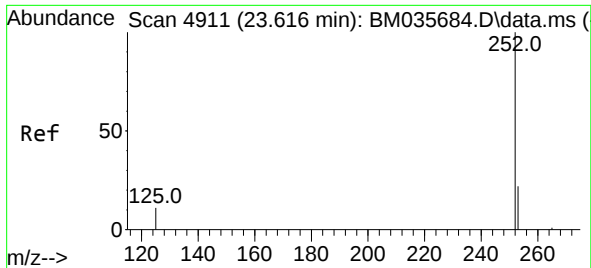
Tgt Ion:252	Resp:	16786
Ion Ratio	Lower	Upper
252	100	
253	29.8	0.0 61.4
125	20.9	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. 0.009 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:252	Resp:	17845
Ion Ratio	Lower	Upper
252	100	
253	30.3	25.2 37.8
125	21.1	18.3 27.5

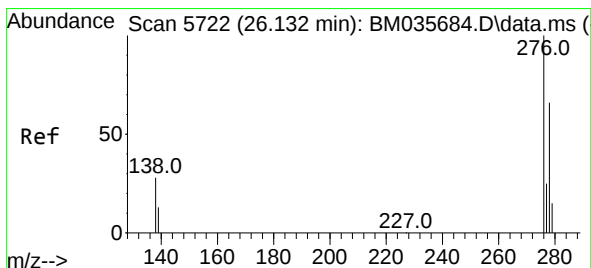
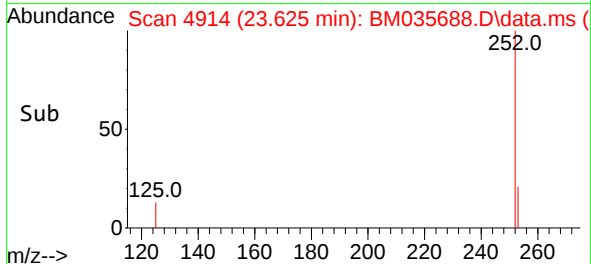
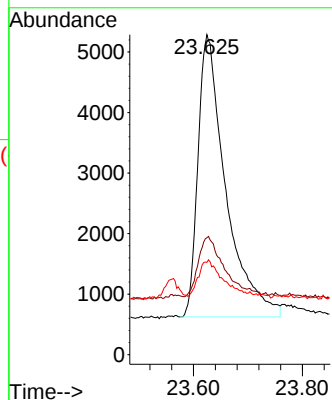
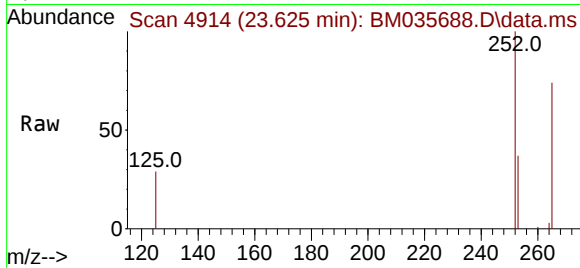




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.625 min Scan# 4911
Delta R.T. 0.009 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

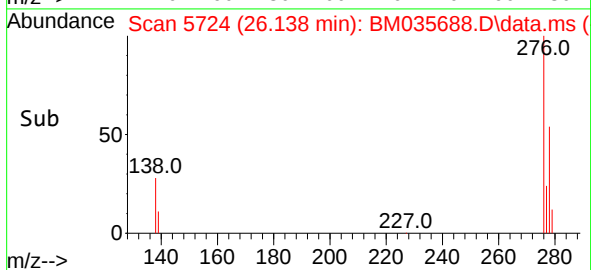
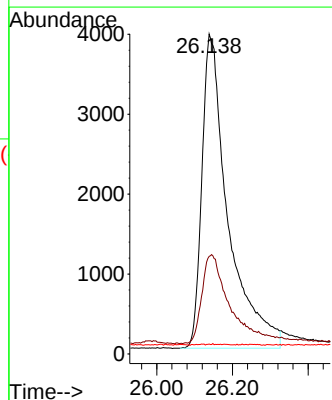
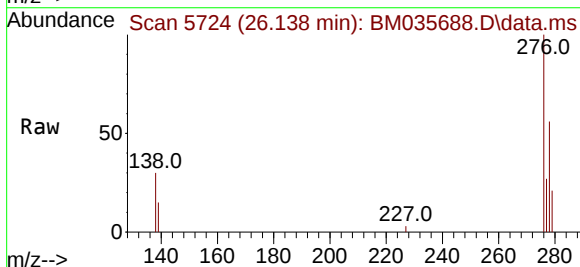
Instrument :
BNA_M
ClientSampleId :
SICV007

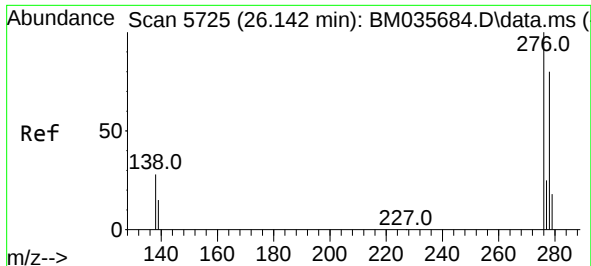
Tgt Ion:	252	Resp:	16489
Ion Ratio	Lower	Upper	
252	100		
253	36.5	29.7	44.5
125	28.9	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. 0.007 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:	276	Resp:	18794
Ion Ratio	Lower	Upper	
276	100		
138	0.0	23.9	35.9#
227	0.0	0.1	0.1#

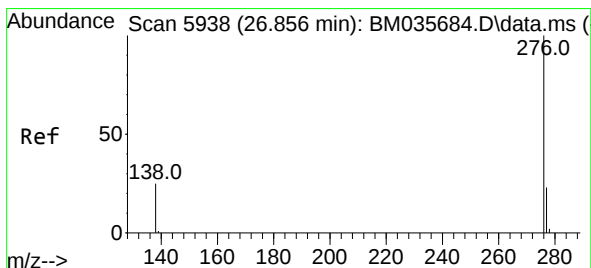
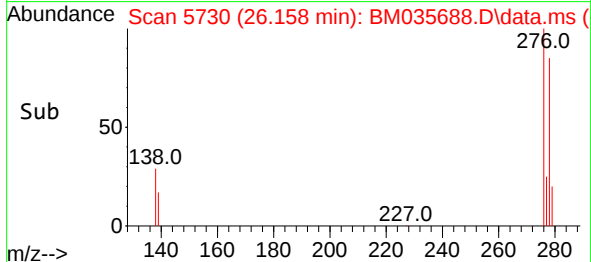
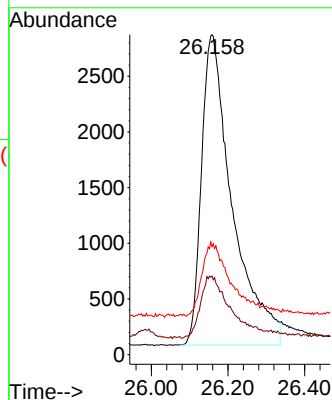
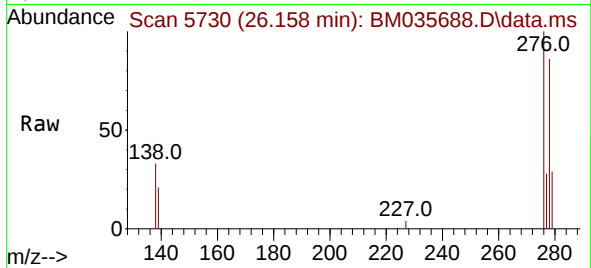




#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 26.158 min Scan# 51
Delta R.T. 0.017 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:278 Resp: 15572
Ion Ratio Lower Upper
278 100
139 24.5 19.8 29.6
279 33.8 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. 0.023 min
Lab File: BM035688.D
Acq: 25 Jun 2022 15:38

Tgt Ion:276 Resp: 17623
Ion Ratio Lower Upper
276 100
138 28.1 23.4 35.0
277 26.8 21.0 31.4

