

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063022\
 Data File : BM035786.D
 Acq On : 30 Jun 2022 18:06
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 01 01:17:13 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 : Wed Jun 29 17:48:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

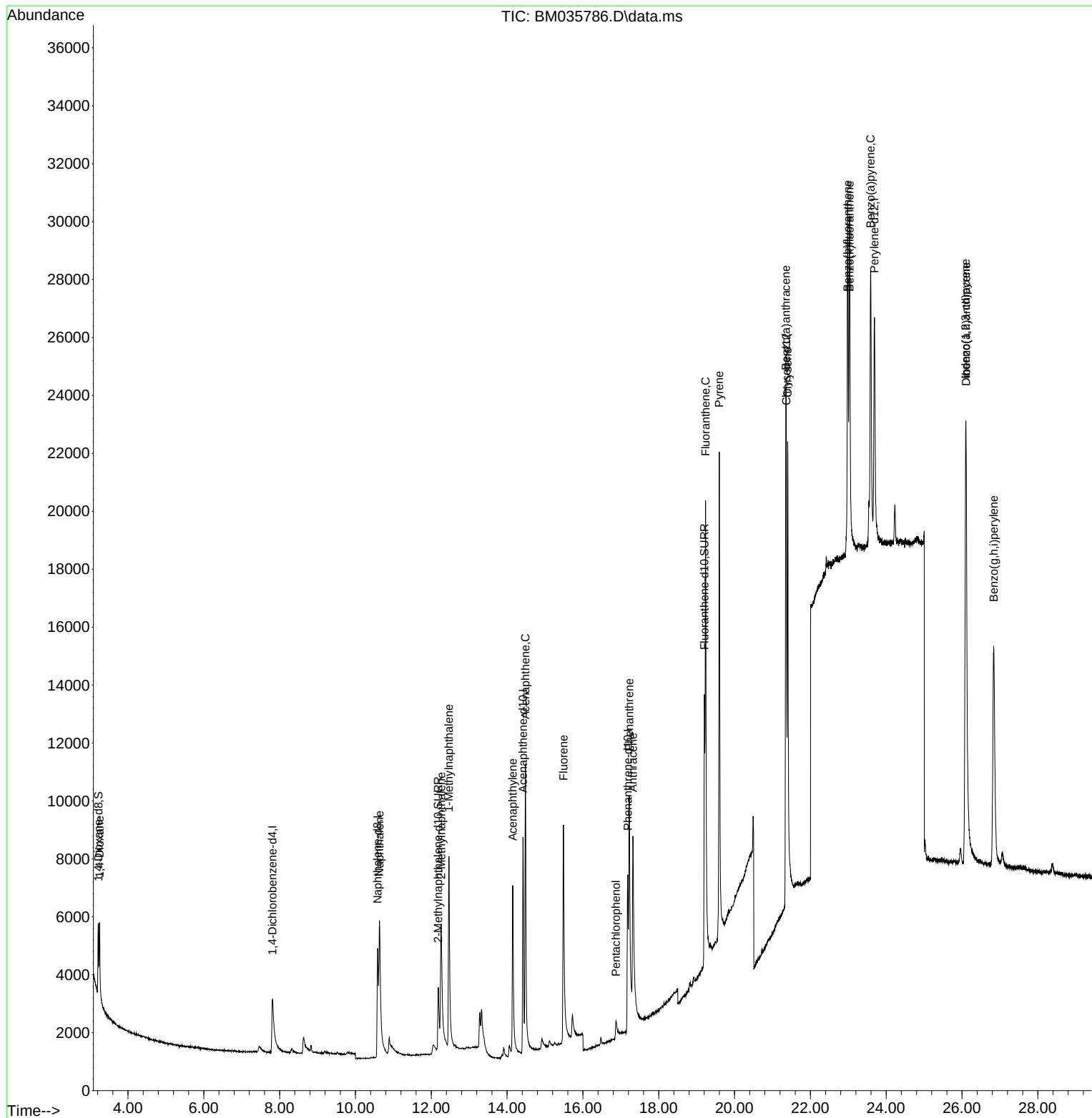
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2475	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.584	136	9718	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.418	164	4609	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.182	188	10327	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.365	240	11995	0.400	ng/ul	# 0.00
23) Perylene-d12	23.689	264	12359	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1649	0.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	5781	0.380	ng/ul	-0.04
18) Fluoranthene-d10	19.206	212	13430	0.332	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	1377	0.415	ng/ul	94
5) Naphthalene	10.633	128	10424	0.351	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	6108	0.328	ng/ul	99
8) 1-Methylnaphthalene	12.464	142	6335	0.360	ng/ul	98
10) Acenaphthylene	14.149	152	10371	0.429	ng/ul	98
11) Acenaphthene	14.483	153	7277	0.391	ng/ul	100
12) Fluorene	15.486	166	8305	0.387	ng/ul#	96
14) Pentachlorophenol	16.870	266	907	0.556	ng/ul	97
15) Phenanthrene	17.220	178	12448	0.333	ng/ul#	91
16) Anthracene	17.317	178	12601	0.405	ng/ul#	91
19) Fluoranthene	19.233	202	16911	0.281	ng/ul	94
20) Pyrene	19.596	202	18855	0.280	ng/ul	95
21) Benzo(a)anthracene	21.351	228	14737	0.355	ng/ul#	85
22) Chrysene	21.401	228	16461	0.309	ng/ul#	87
24) Benzo(b)fluoranthene	22.985	252	16859	0.318	ng/ul	62
25) Benzo(k)fluoranthene	23.028	252	17535	0.324	ng/ul#	64
26) Benzo(a)pyrene	23.587	252	17834	0.329	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.098	276	21676	0.368	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.105	278	17933	0.384	ng/ul#	60
29) Benzo(g,h,i)perylene	26.836	276	19354	0.356	ng/ul#	75

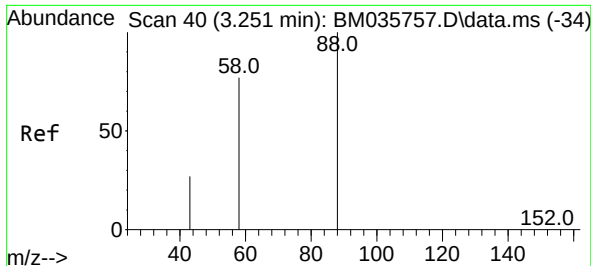
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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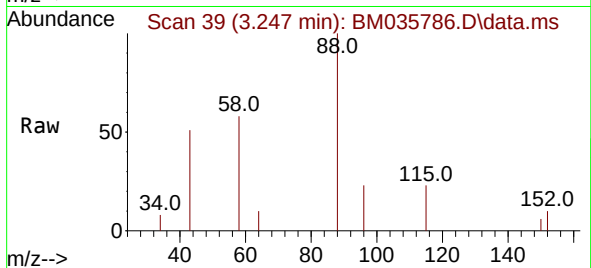
Quant Time: Jul 01 01:17:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
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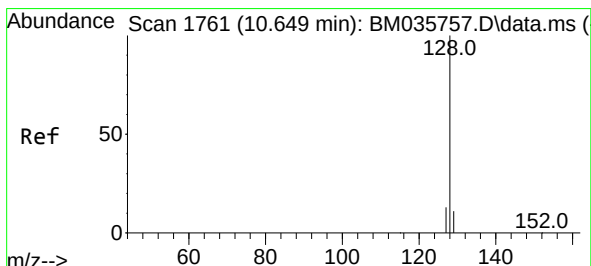
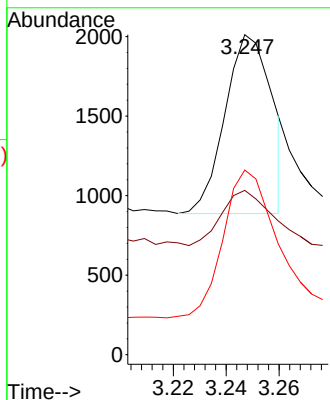
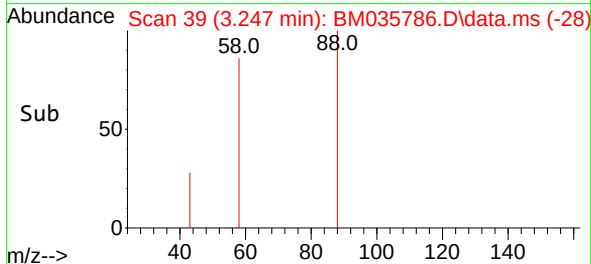


#2
1,4-Dioxane
Concen: 0.415 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

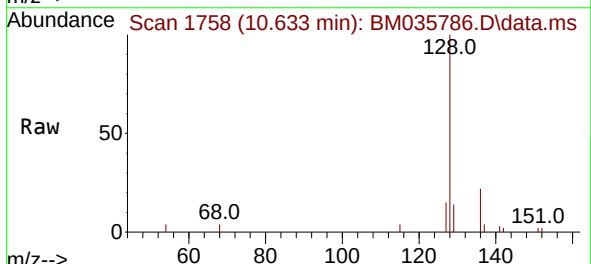
Instrument :
BNA_M
ClientSampleId :



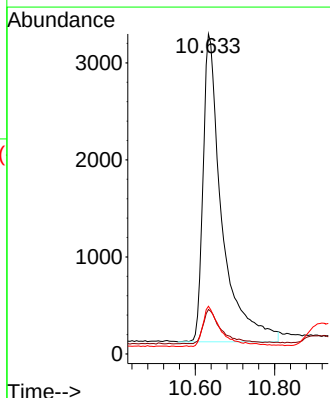
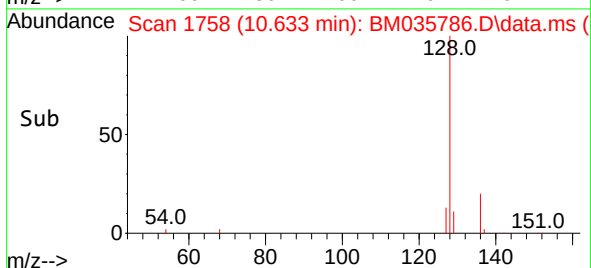
Tgt Ion: 88 Resp: 1377
Ion Ratio Lower Upper
88 100
43 51.3 37.8 56.6
58 57.7 42.6 63.8

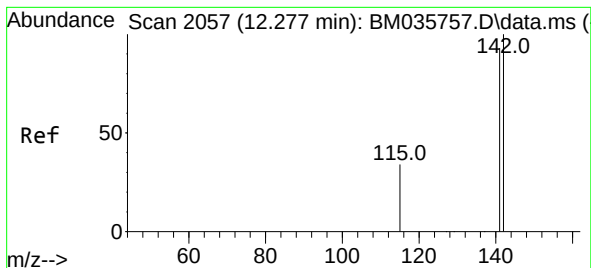


#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.633 min Scan# 1758
Delta R.T. -0.038 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06



Tgt Ion: 128 Resp: 10424
Ion Ratio Lower Upper
128 100
129 13.9 10.2 15.2
127 14.9 11.7 17.5

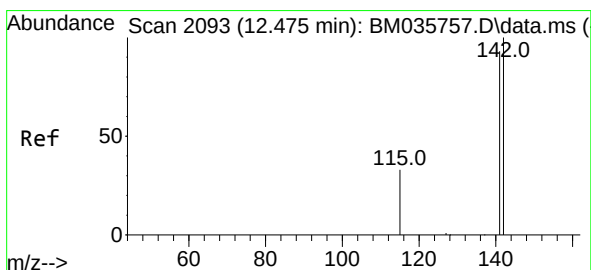
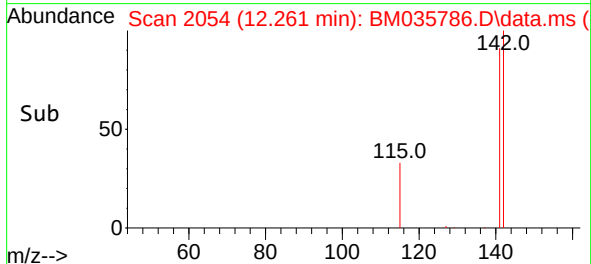
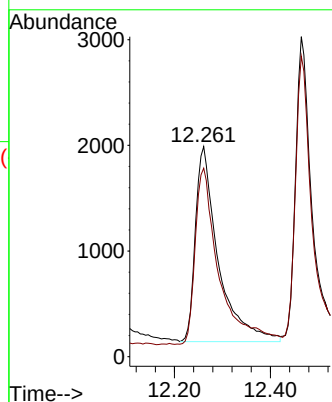
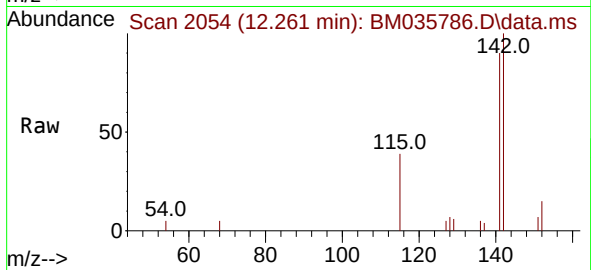




#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.038 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

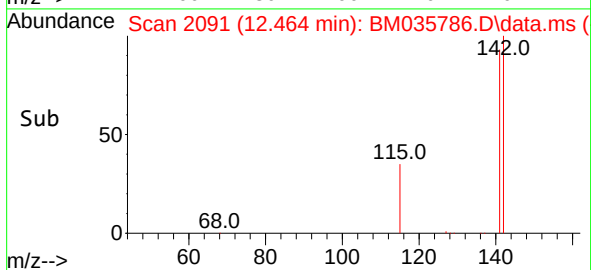
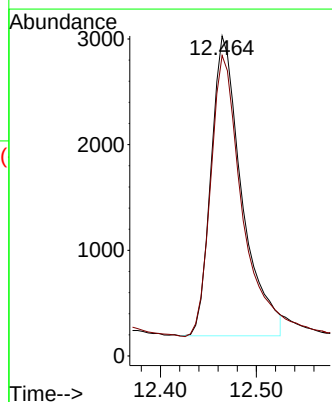
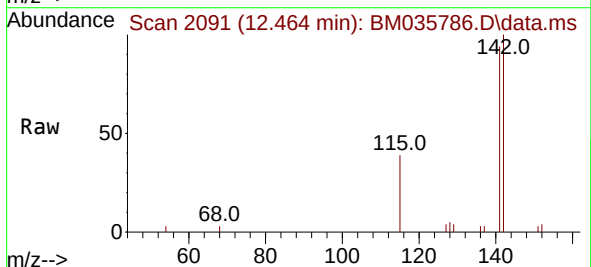
Instrument :
BNA_M
ClientSampleId :

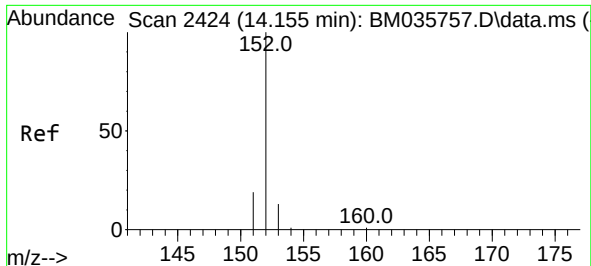
Tgt Ion:142 Resp: 6108
Ion Ratio Lower Upper
142 100
141 95.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.464 min Scan# 2091
Delta R.T. -0.027 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Tgt Ion:142 Resp: 6335
Ion Ratio Lower Upper
142 100
141 94.9 74.1 111.1

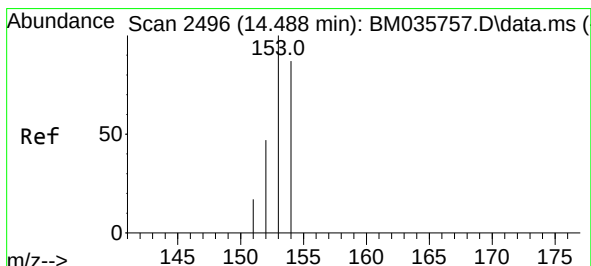
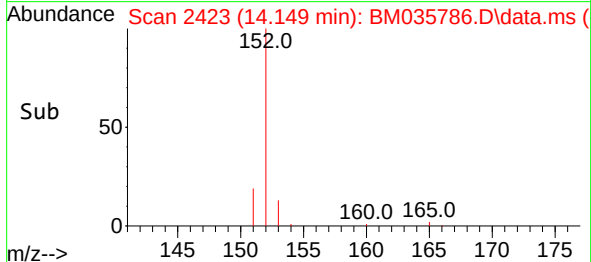
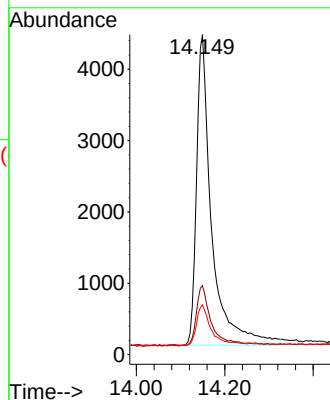
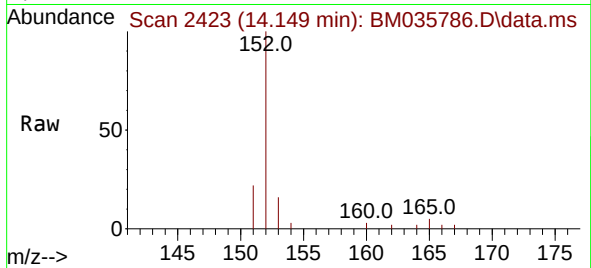




#10
Acenaphthylene
Concen: 0.429 ng/ul
RT: 14.149 min Scan# 2423
Delta R.T. -0.015 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

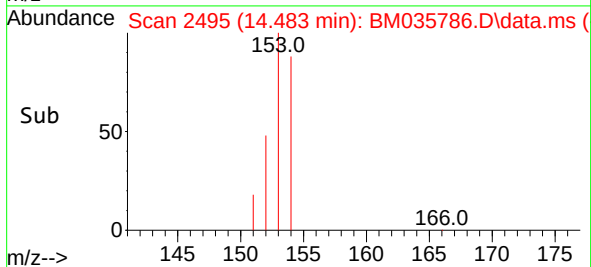
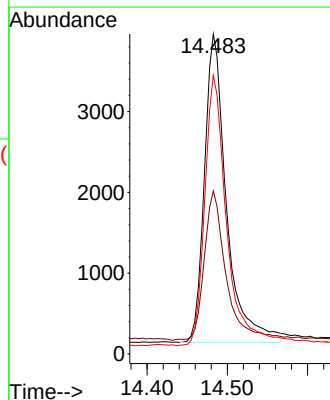
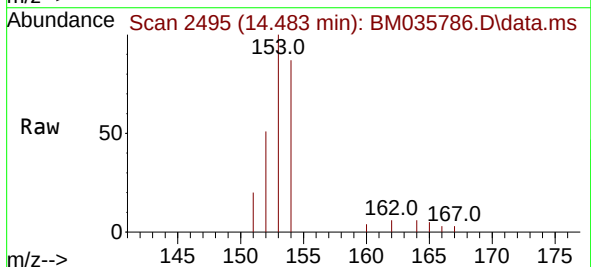
Instrument :
BNA_M
ClientSampleId :

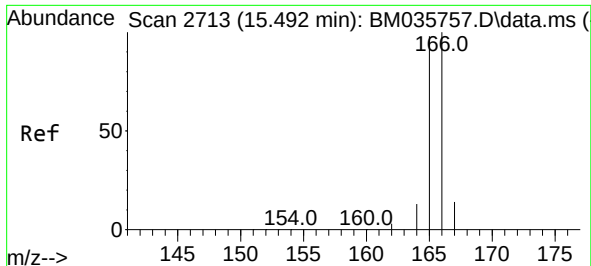
Tgt Ion:152 Resp: 10371
Ion Ratio Lower Upper
152 100
151 21.6 16.6 24.8
153 15.6 11.4 17.0



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.015 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

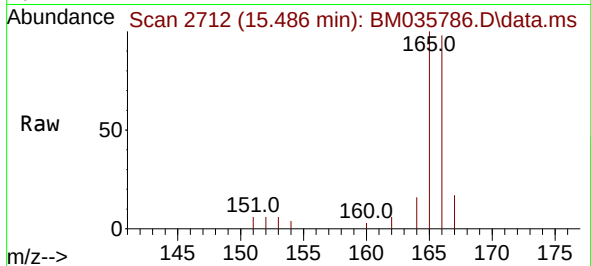
Tgt Ion:153 Resp: 7277
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 87.0 69.7 104.5



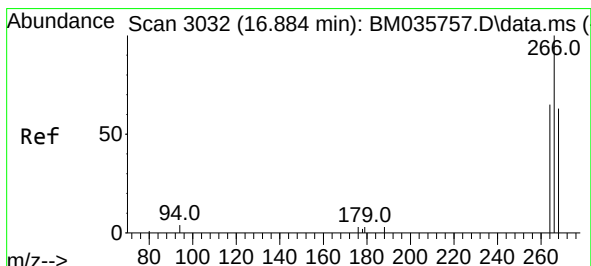
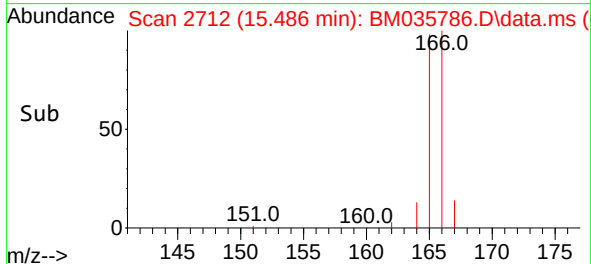
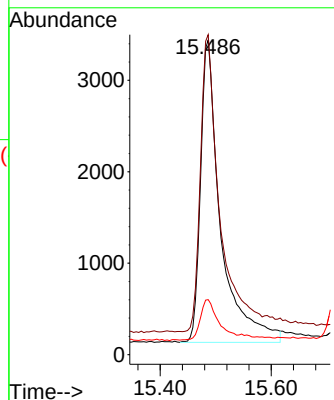


#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.486 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Instrument :
BNA_M
ClientSampleId :

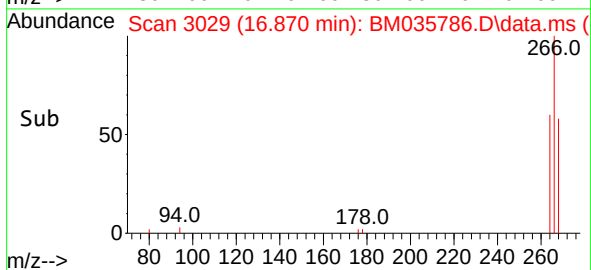
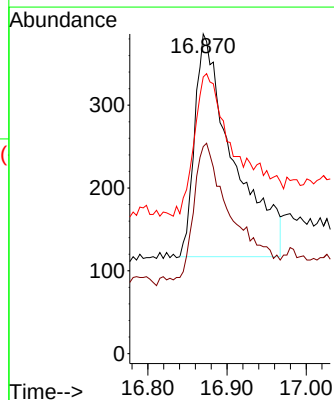
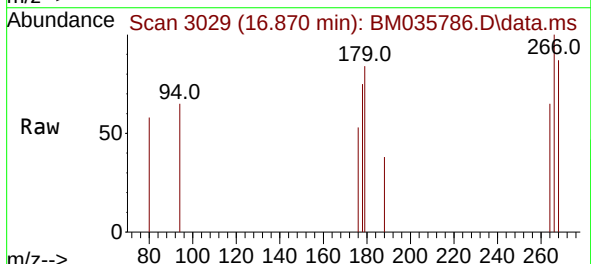


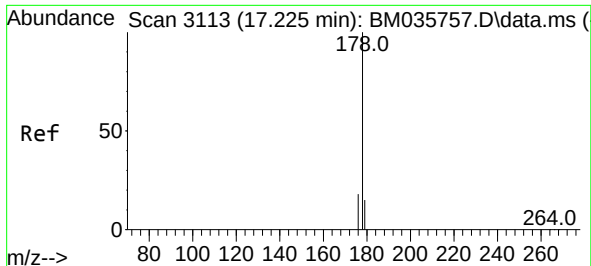
Tgt Ion:166 Resp: 8305
Ion Ratio Lower Upper
166 100
165 101.7 78.9 118.3
167 17.5 11.3 16.9#



#14
Pentachlorophenol
Concen: 0.556 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. -0.026 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Tgt Ion:266 Resp: 907
Ion Ratio Lower Upper
266 100
264 60.4 50.3 75.5
268 68.7 53.5 80.3

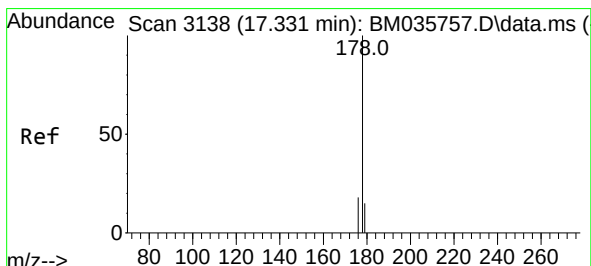
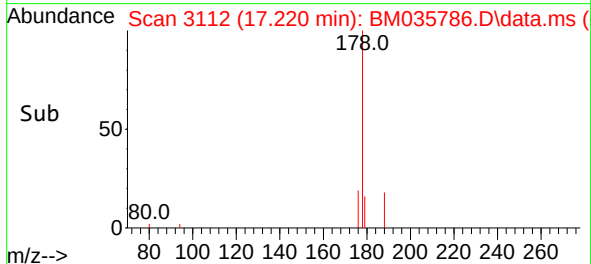
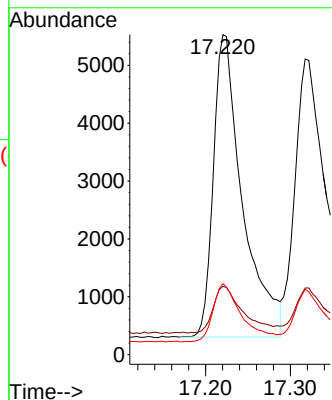
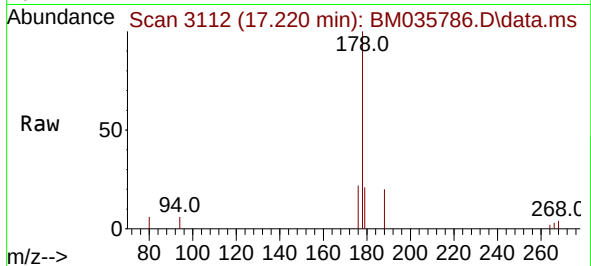




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.220 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

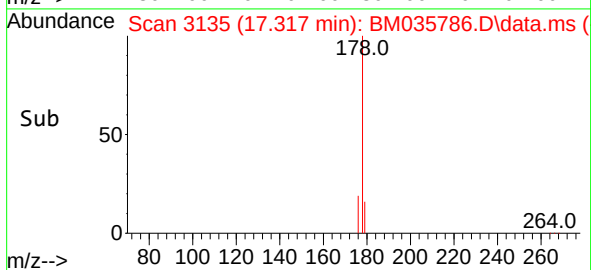
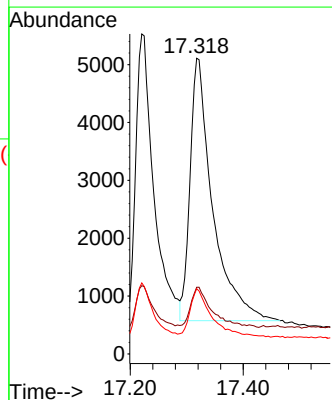
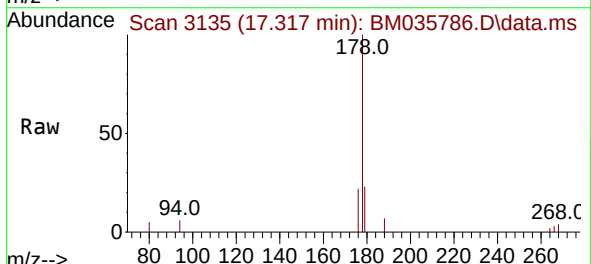
Instrument :
BNA_M
ClientSampleId :

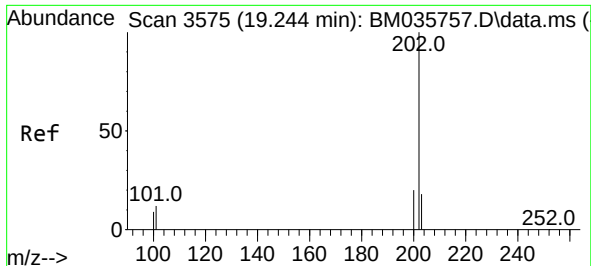
Tgt Ion:178 Resp: 12448
Ion Ratio Lower Upper
178 100
179 21.4 13.0 19.6#
176 22.2 15.6 23.4



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.317 min Scan# 3135
Delta R.T. -0.030 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

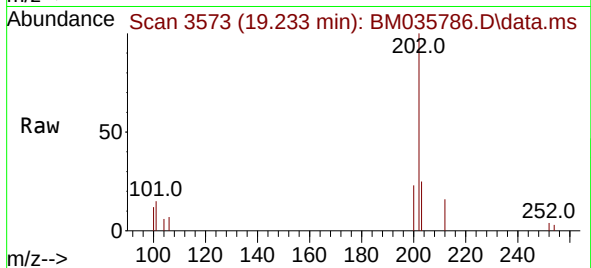
Tgt Ion:178 Resp: 12601
Ion Ratio Lower Upper
178 100
179 22.5 13.6 20.4#
176 22.1 15.6 23.4



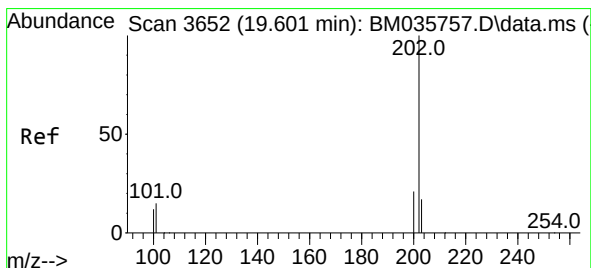
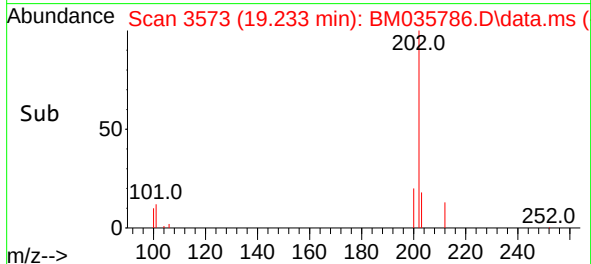
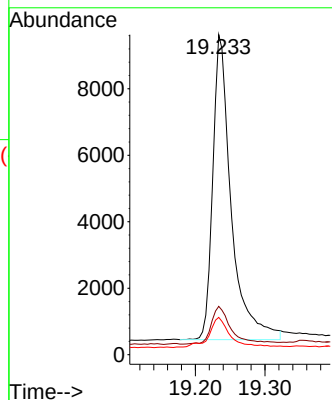


#19
Fluoranthene
Concen: 0.281 ng/ul
RT: 19.233 min Scan# 31
Delta R.T. -0.015 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Instrument :
BNA_M
ClientSampleId :

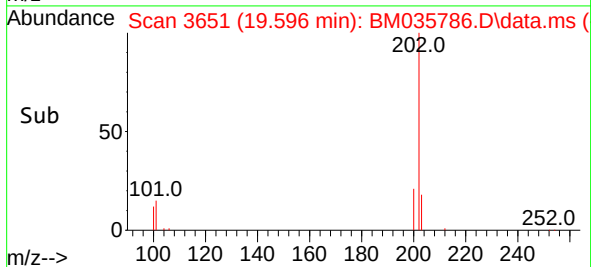
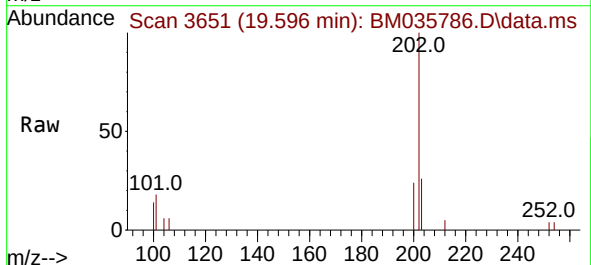
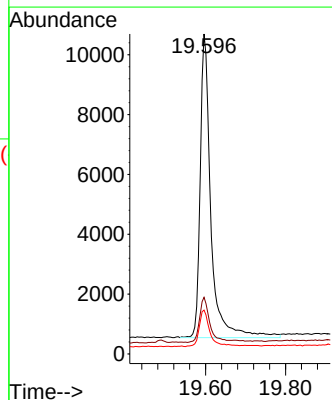


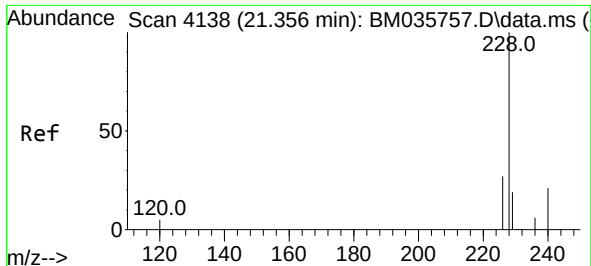
Tgt Ion:202 Resp: 16911
Ion Ratio Lower Upper
202 100
101 15.1 10.1 15.1
100 11.6 7.9 11.9



#20
Pyrene
Concen: 0.280 ng/ul
RT: 19.596 min Scan# 3651
Delta R.T. -0.015 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Tgt Ion:202 Resp: 18855
Ion Ratio Lower Upper
202 100
101 17.7 12.0 18.0
100 13.7 9.8 14.6

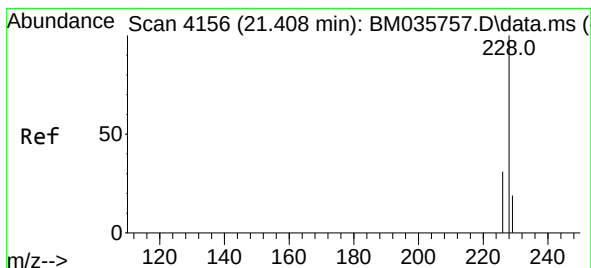
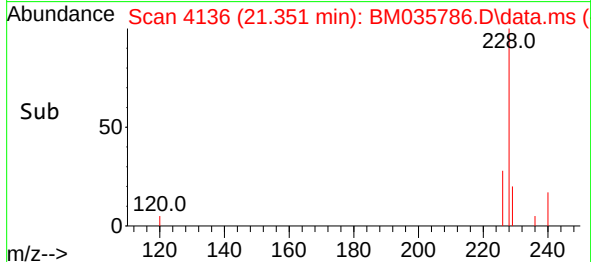
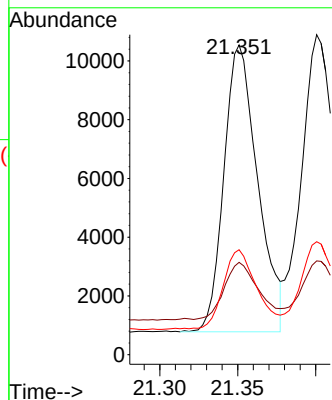
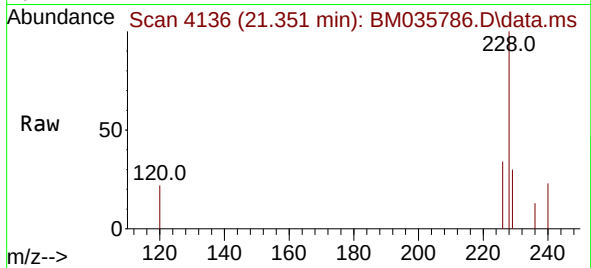




#21
Benzo(a)anthracene
Concen: 0.355 ng/u1
RT: 21.351 min Scan# 4136
Delta R.T. -0.011 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

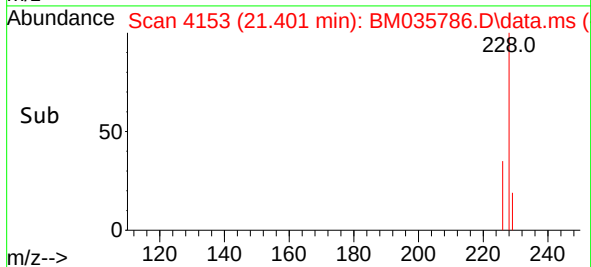
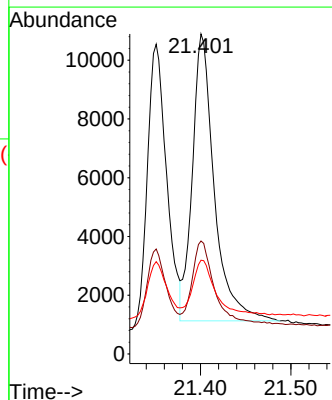
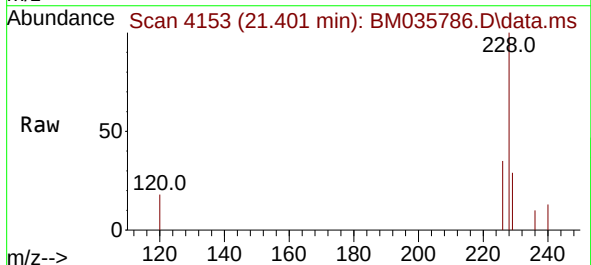
Instrument :
BNA_M
ClientSampleId :

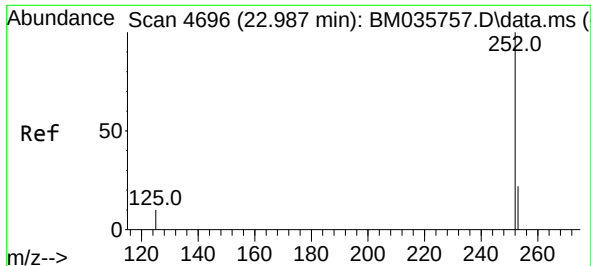
Tgt Ion:228 Resp: 14737
Ion Ratio Lower Upper
228 100
229 29.8 16.2 24.2#
226 33.9 22.5 33.7#



#22
Chrysene
Concen: 0.309 ng/u1
RT: 21.401 min Scan# 4153
Delta R.T. -0.008 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

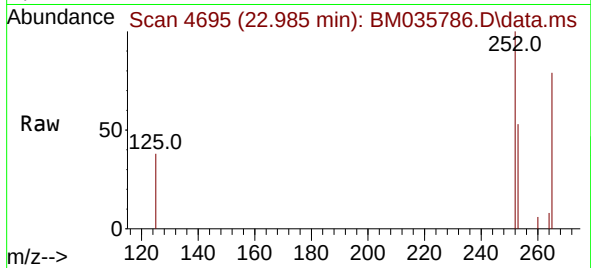
Tgt Ion:228 Resp: 16461
Ion Ratio Lower Upper
228 100
226 35.3 24.6 37.0
229 29.3 16.4 24.6#



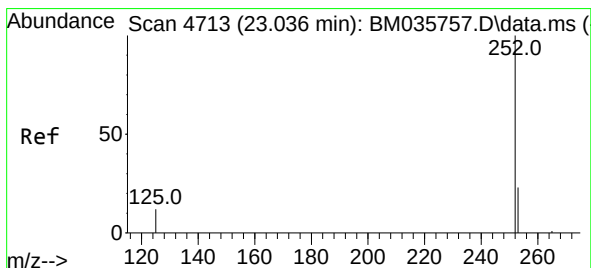
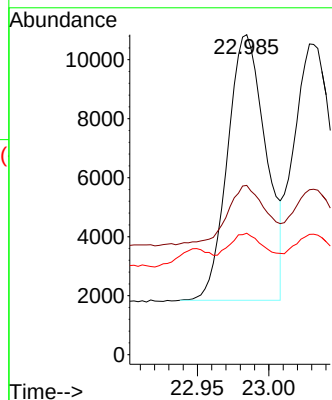


#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 22.985 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Instrument :
BNA_M
ClientSampleId :

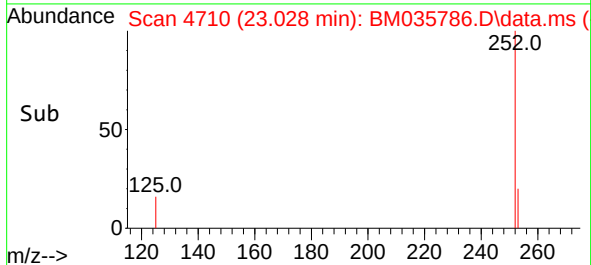
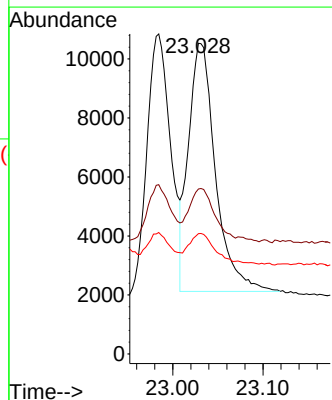
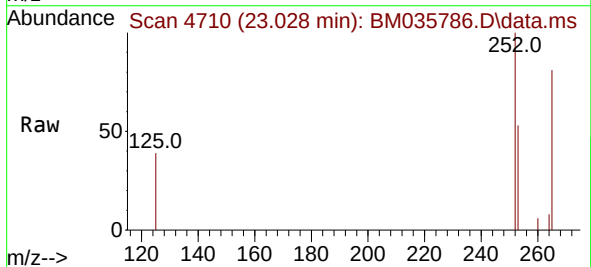


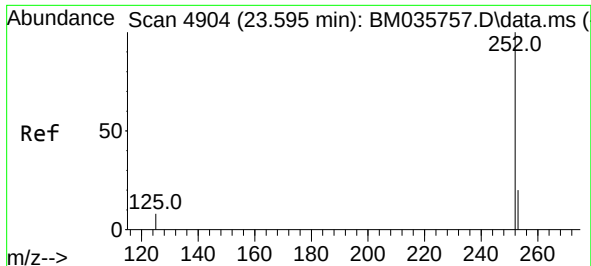
Tgt Ion:252 Resp: 16859
Ion Ratio Lower Upper
252 100
253 52.9 0.0 61.4
125 38.0 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.011 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

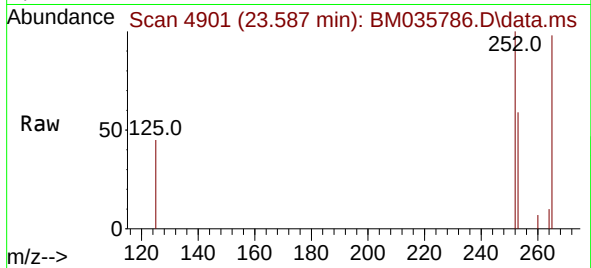
Tgt Ion:252 Resp: 17535
Ion Ratio Lower Upper
252 100
253 53.1 25.2 37.8#
125 38.8 18.3 27.5#



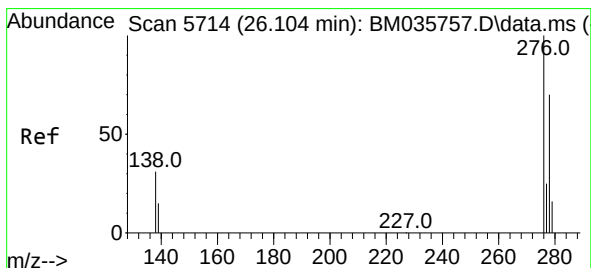
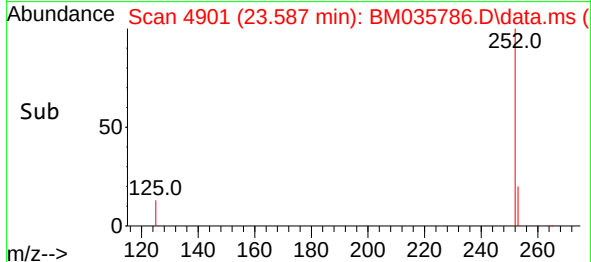
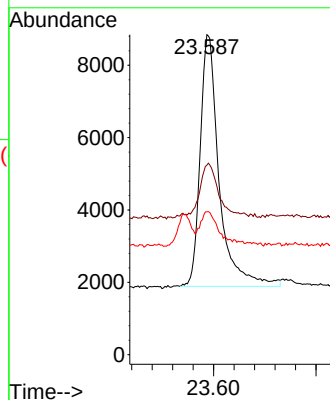


#26
Benzo(a)pyrene
Concen: 0.329 ng/ul
RT: 23.587 min Scan# 4901
Delta R.T. -0.014 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Instrument :
BNA_M
ClientSampleId :

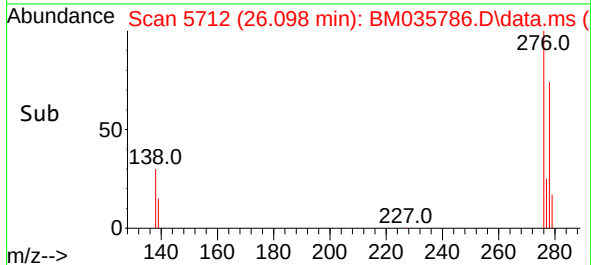
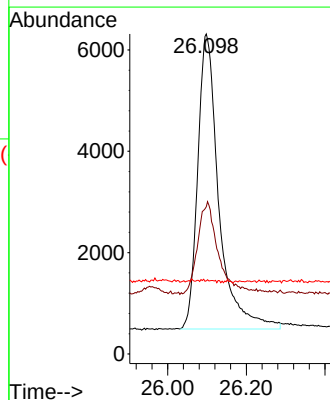
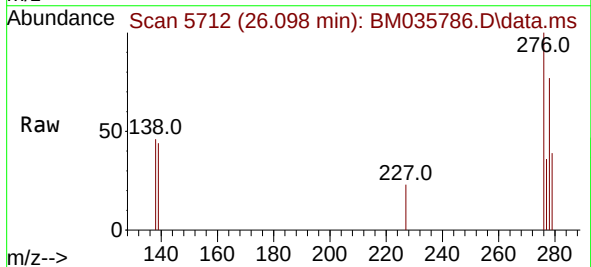


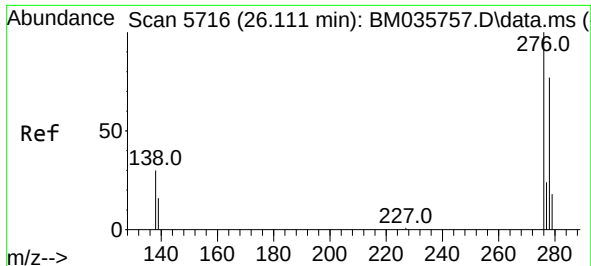
Tgt Ion:252 Resp: 17834
Ion Ratio Lower Upper
252 100
253 59.3 29.7 44.5#
125 44.7 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.098 min Scan# 5712
Delta R.T. -0.009 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

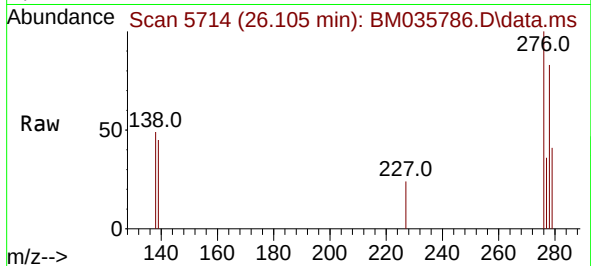
Tgt Ion:276 Resp: 21676
Ion Ratio Lower Upper
276 100
138 30.6 23.9 35.9
227 0.3 0.1 0.1#



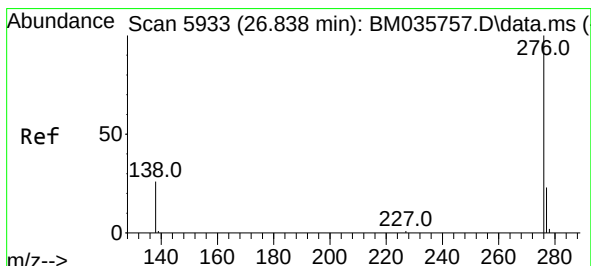
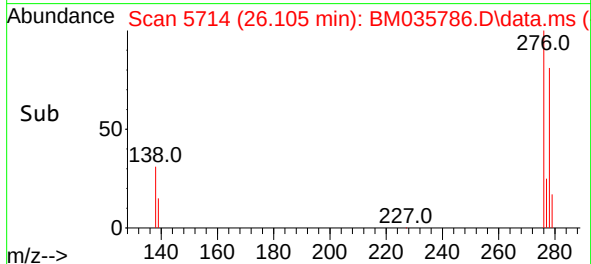
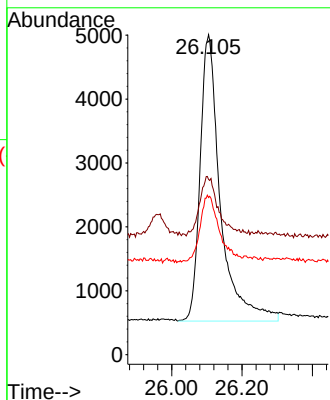


#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.105 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 17933
Ion Ratio Lower Upper
278 100
139 54.7 19.8 29.6#
279 49.1 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 26.836 min Scan# 5932
Delta R.T. -0.009 min
Lab File: BM035786.D
Acq: 30 Jun 2022 18:06

Tgt Ion:276 Resp: 19354
Ion Ratio Lower Upper
276 100
138 45.4 23.4 35.0#
277 36.4 21.0 31.4#

