

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035100.D
 Acq On : 16 May 2022 12:40
 Operator : CG/JU
 Sample : N2707-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXL87MSD

Quant Time: May 17 00:50:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

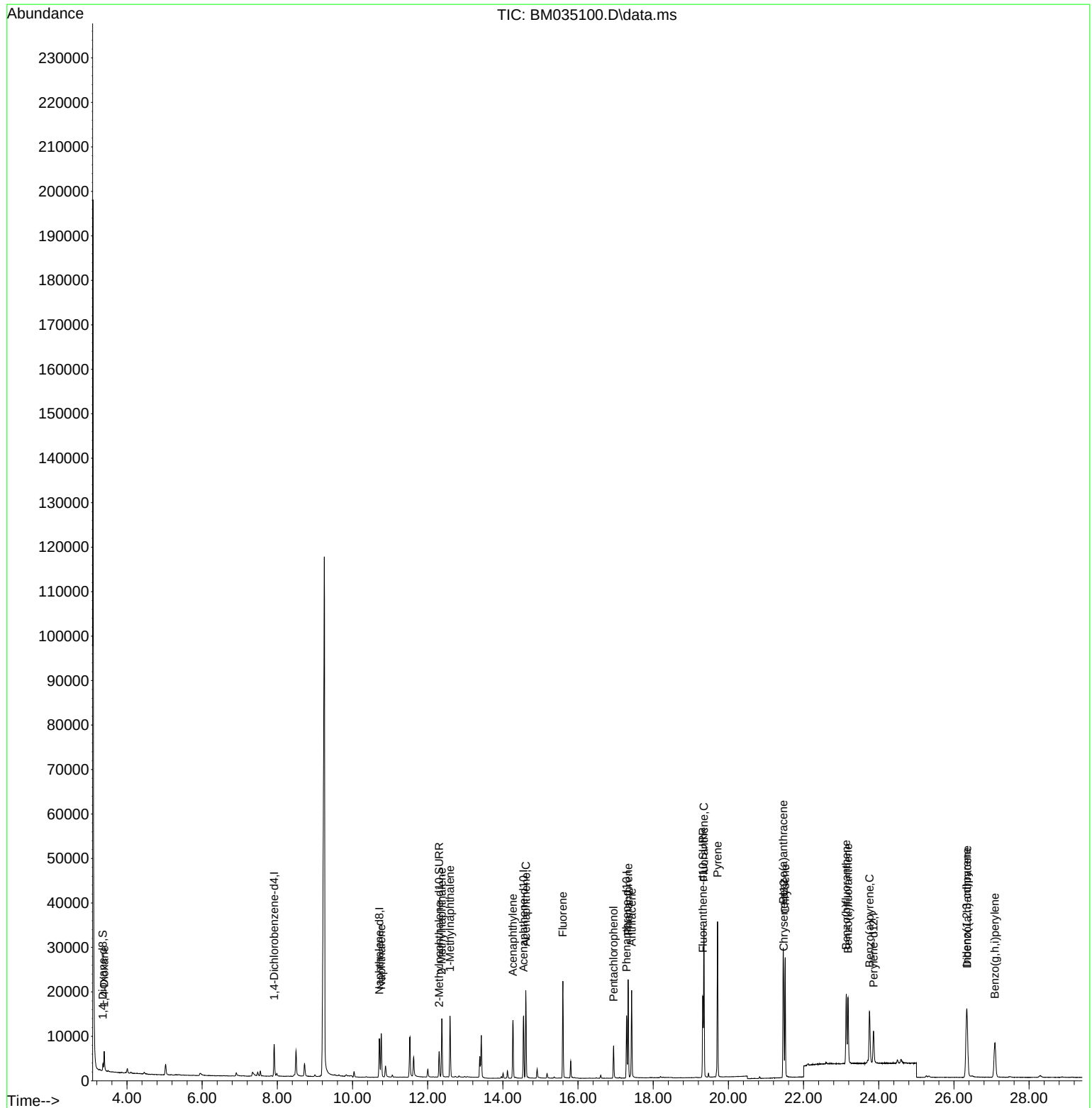
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3814	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	11909	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	7601	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	16281	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	12137	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	9974	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	1034	0.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	7424	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	19954	0.479	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	2784	0.607	ng/ul#	75
5) Naphthalene	10.765	128	13473	0.343	ng/ul#	89
7) 2-Methylnaphthalene	12.376	142	9194	0.356	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	9105	0.379	ng/ul	100
10) Acenaphthylene	14.270	152	15198	0.338	ng/ul#	90
11) Acenaphthene	14.612	153	11031	0.340	ng/ul	96
12) Fluorene	15.597	166	13247	0.349	ng/ul#	97
14) Pentachlorophenol	16.946	266	4750	0.772	ng/ul	98
15) Phenanthrene	17.334	178	23498	0.379	ng/ul	94
16) Anthracene	17.427	178	21524	0.381	ng/ul#	91
19) Fluoranthene	19.350	202	28097	0.412	ng/ul	98
20) Pyrene	19.712	202	28831	0.416	ng/ul	100
21) Benzo(a)anthracene	21.459	228	22728	0.405	ng/ul	97
22) Chrysene	21.511	228	22981	0.393	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	20655	0.395	ng/ul	90
25) Benzo(k)fluoranthene	23.183	252	19660	0.394	ng/ul#	90
26) Benzo(a)pyrene	23.753	252	18665	0.392	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.336	276	20439	0.434	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.350	278	16533	0.441	ng/ul#	89
29) Benzo(g,h,i)perylene	27.091	276	17406	0.430	ng/ul	94

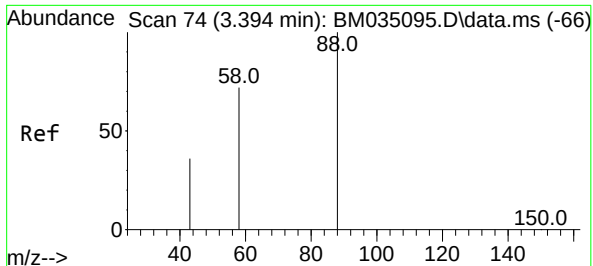
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 00:50:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

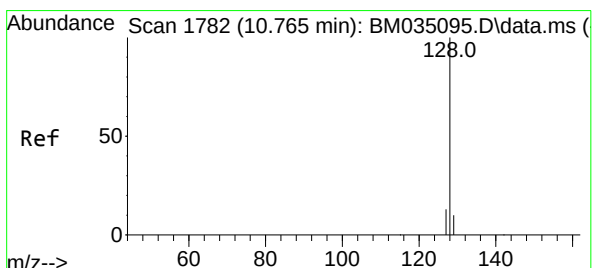
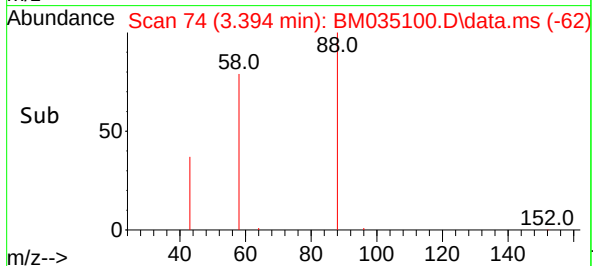
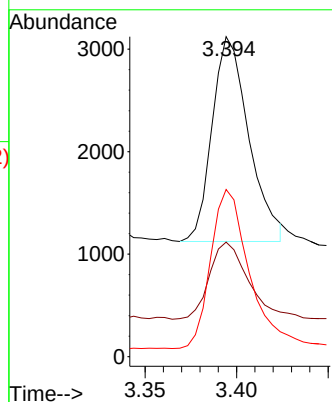
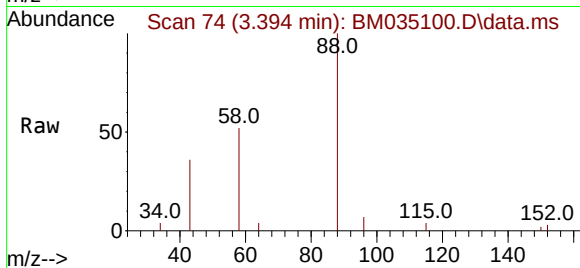




#2
1,4-Dioxane
Concen: 0.607 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

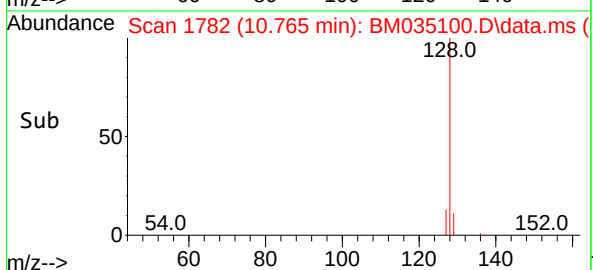
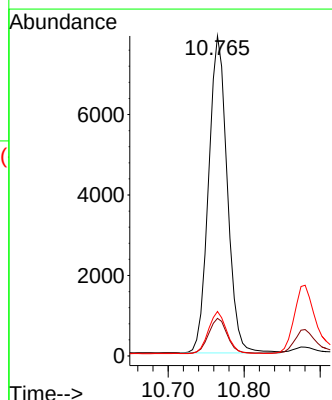
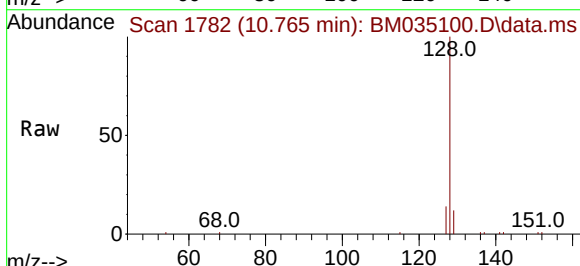
Instrument :
BNA_M
ClientSampleId :
EXL87MSD

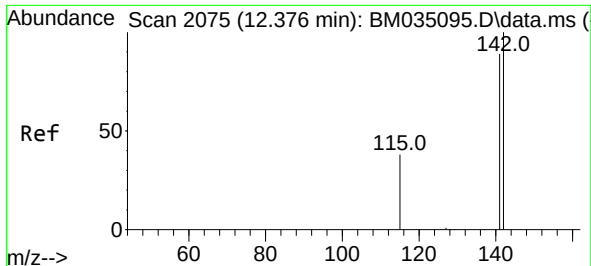
Tgt Ion: 88 Resp: 2784
Ion Ratio Lower Upper
88 100
43 35.8 49.7 74.5#
58 52.2 52.5 78.7#



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion: 128 Resp: 13473
Ion Ratio Lower Upper
128 100
129 11.8 13.4 20.2#
127 13.9 15.2 22.8#

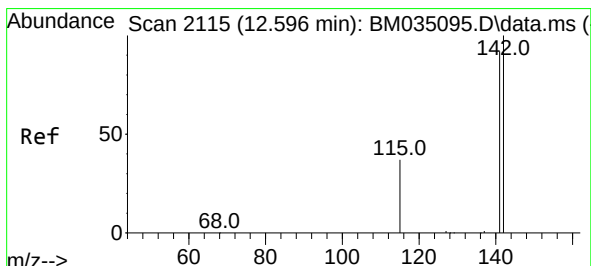
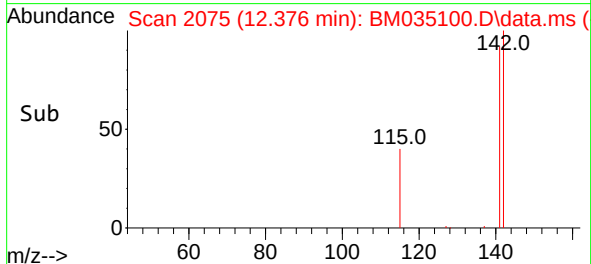
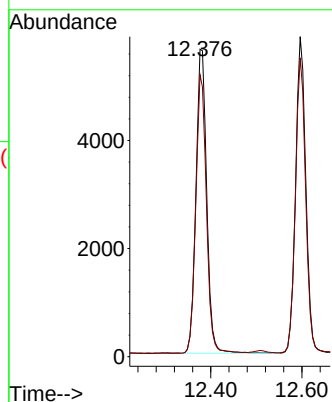
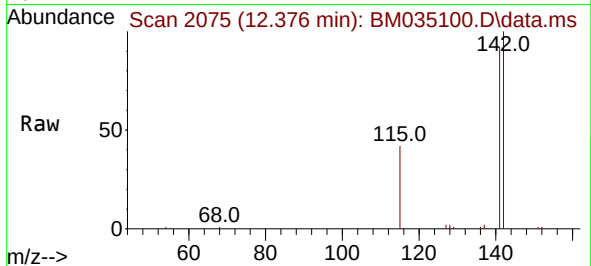




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

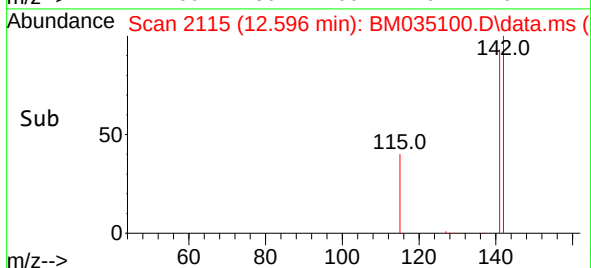
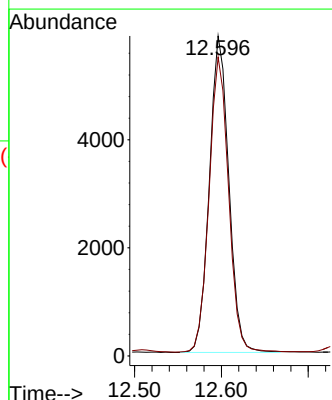
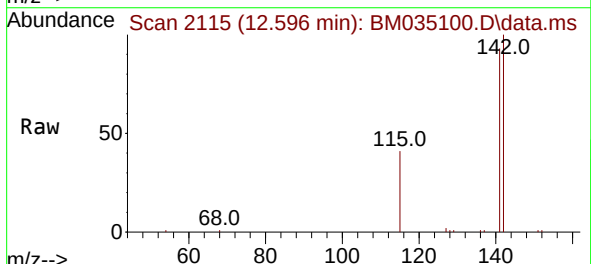
Instrument :
BNA_M
ClientSampleId :
EXL87MSD

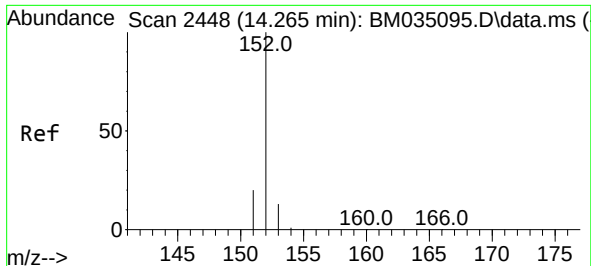
Tgt Ion:142 Resp: 9194
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion:142 Resp: 9105
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

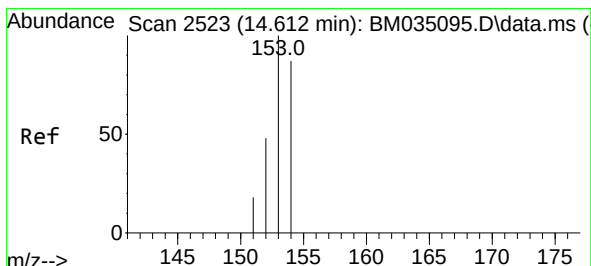
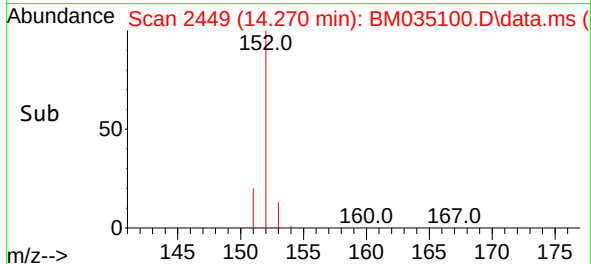
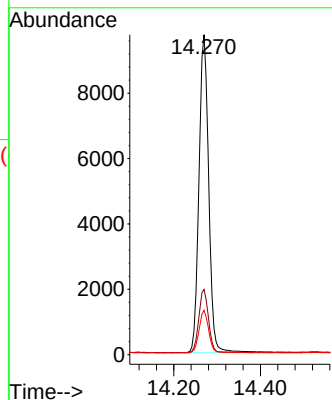
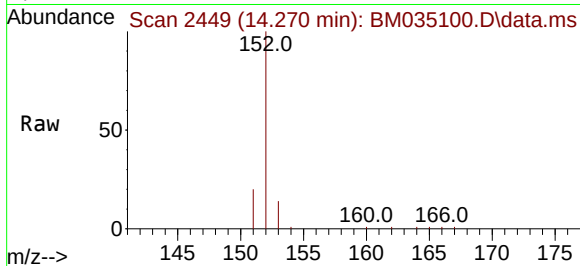




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

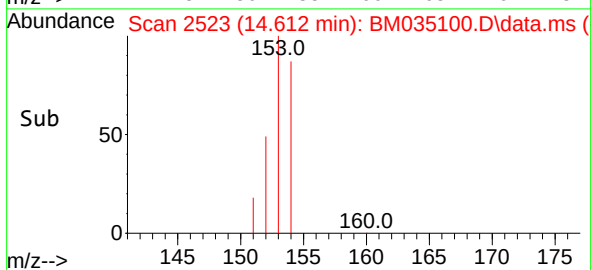
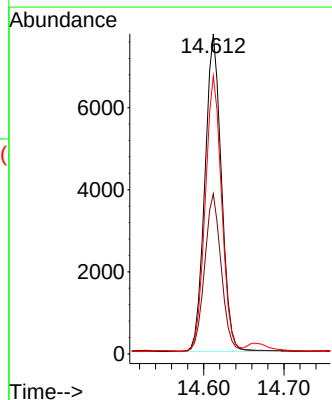
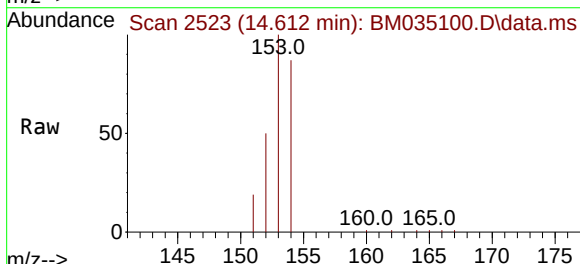
Instrument :
BNA_M
ClientSampleId :
EXL87MSD

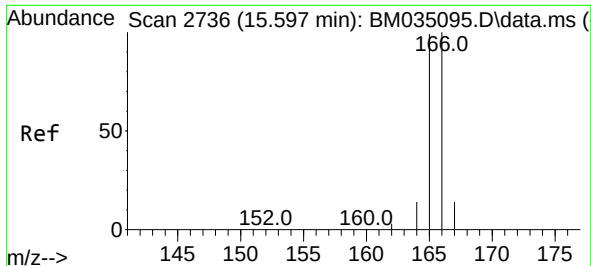
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	19.9	29.9
153	13.9	15.0	22.4



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.0	42.4	63.6
154	86.9	66.2	99.2

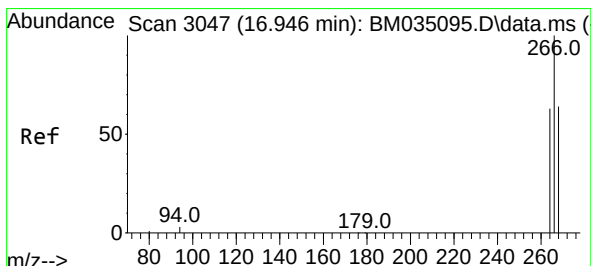
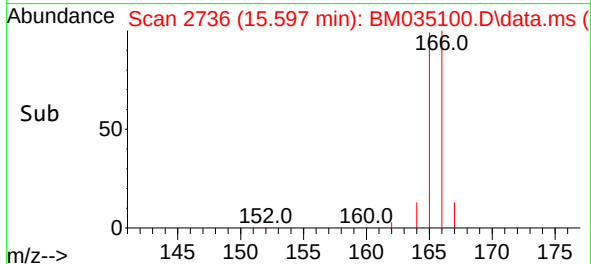
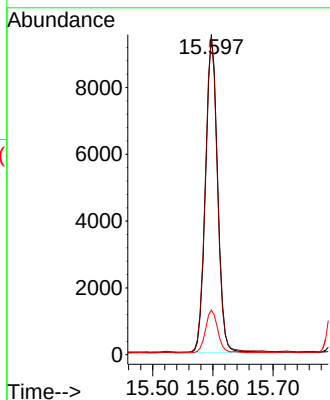
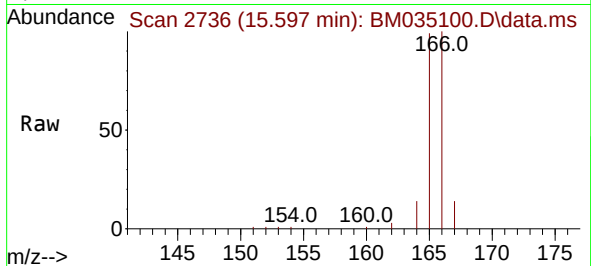




#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.597 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

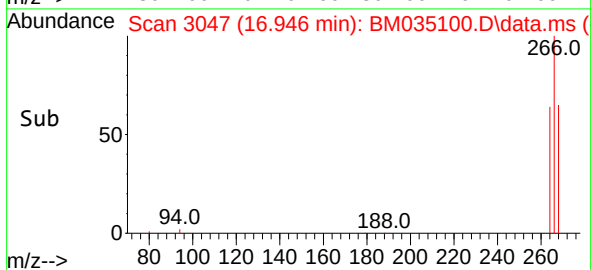
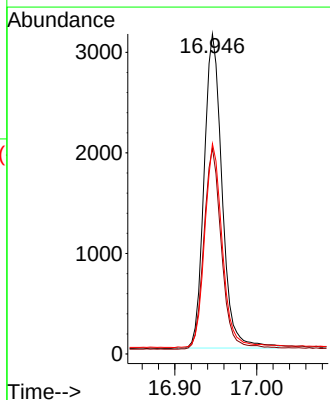
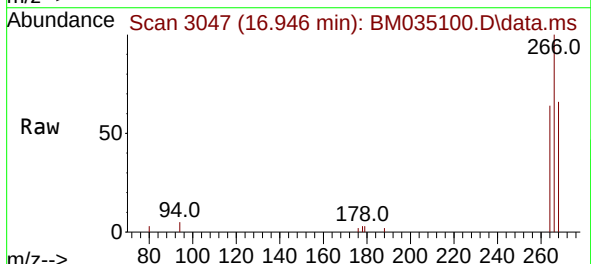
Instrument :
BNA_M
ClientSampleId :
EXL87MSD

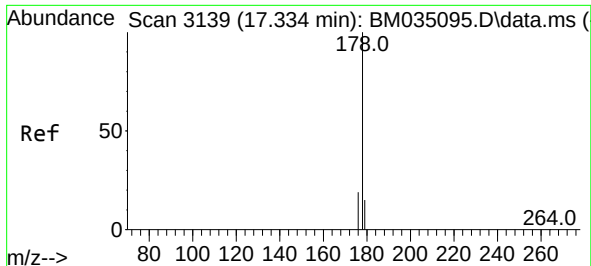
Tgt Ion:166 Resp: 13247
Ion Ratio Lower Upper
166 100
165 99.2 81.1 121.7
167 13.9 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.772 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion:266 Resp: 4750
Ion Ratio Lower Upper
266 100
264 63.0 51.4 77.0
268 63.9 53.1 79.7

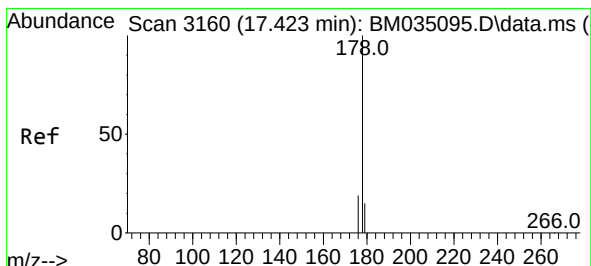
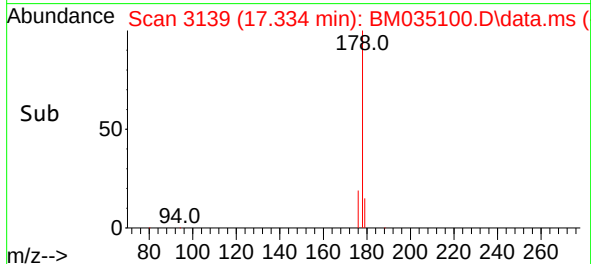
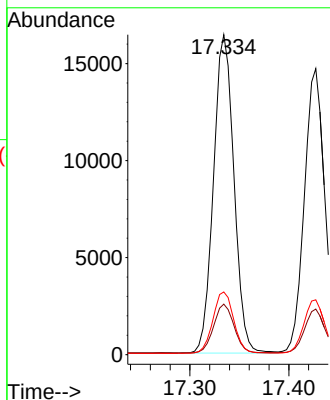
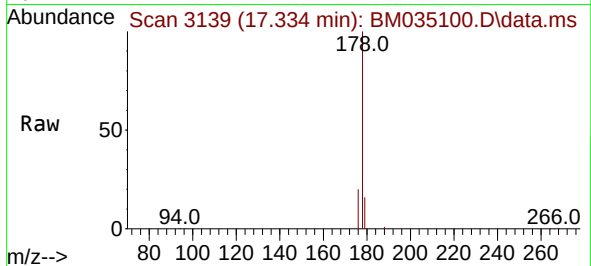




#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

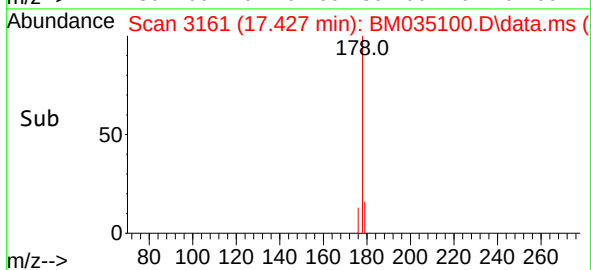
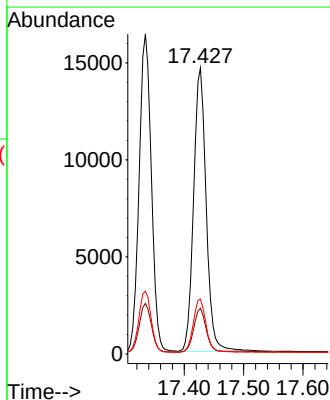
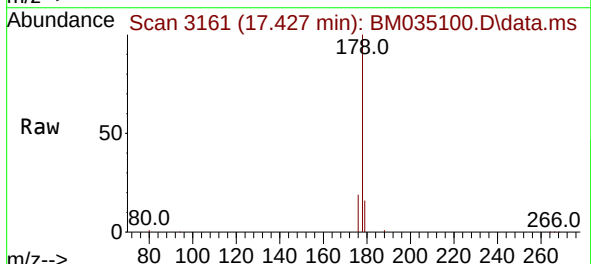
Instrument :
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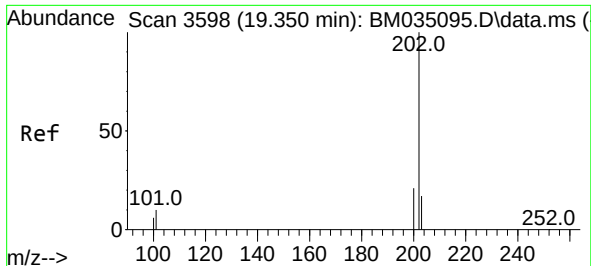
Tgt Ion:	178	Resp:	23498
Ion Ratio	Lower	Upper	
178	100		
179	15.8	15.0	22.6
176	19.6	17.9	26.9



#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion:	178	Resp:	21524
Ion Ratio	Lower	Upper	
178	100		
179	15.9	16.5	24.7#
176	19.2	18.3	27.5

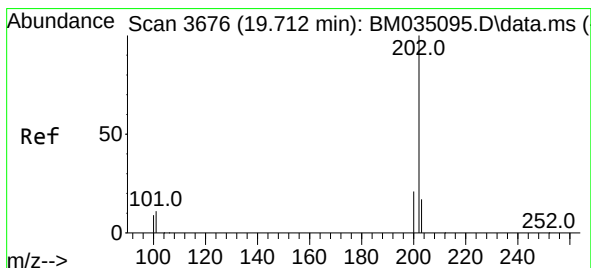
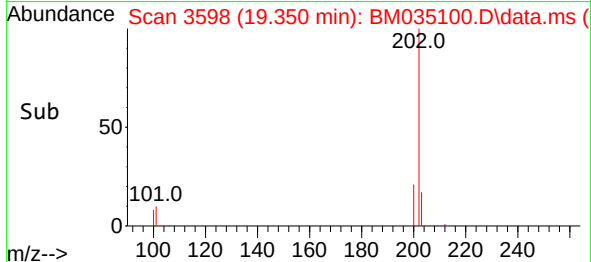
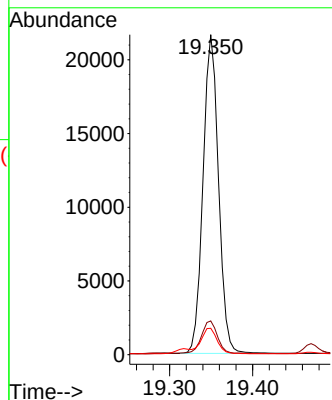
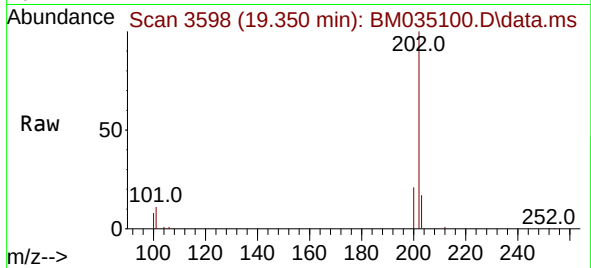




#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

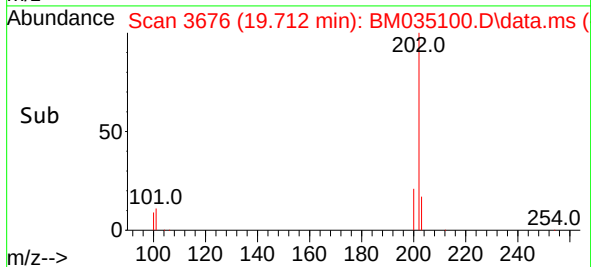
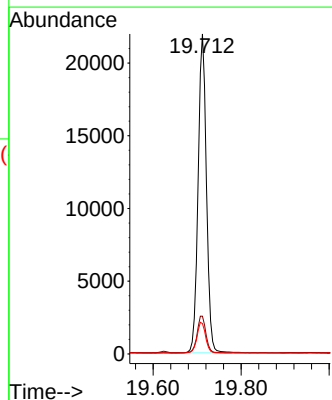
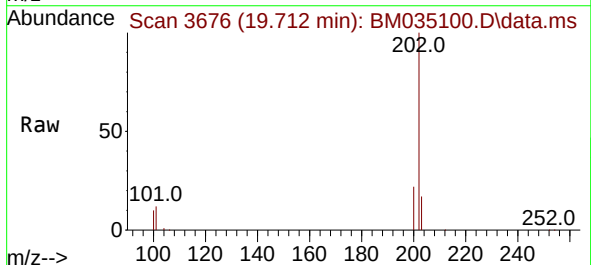
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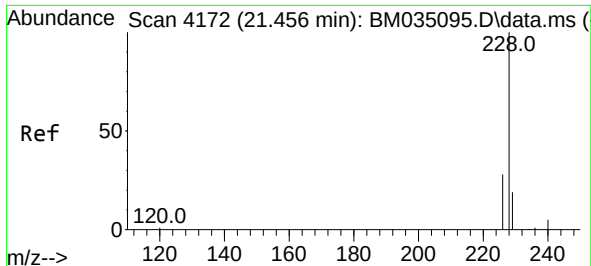
Tgt Ion:202 Resp: 28097
Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 8.2 7.2 10.8



#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion:202 Resp: 28831
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 9.5 7.8 11.6





#21

Benzo(a)anthracene

Concen: 0.405 ng/ul

RT: 21.459 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM035100.D

Acq: 16 May 2022 12:40

Instrument :

BNA_M

ClientSampleId :

EXL87MSD

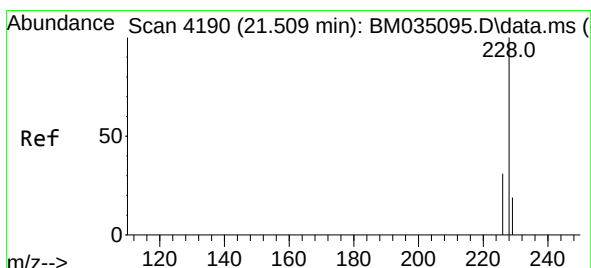
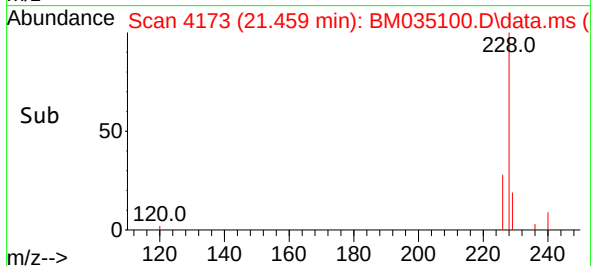
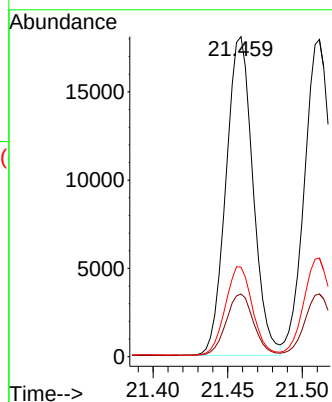
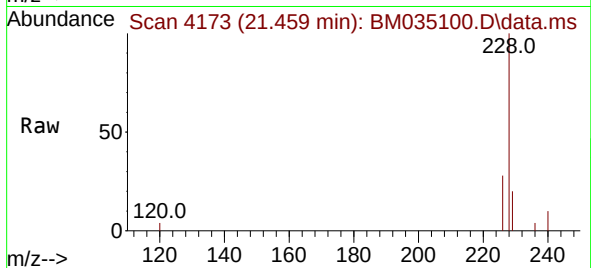
Tgt Ion:228 Resp: 22728

Ion Ratio Lower Upper

228 100

229 19.6 17.3 25.9

226 28.0 23.2 34.8



#22

Chrysene

Concen: 0.393 ng/ul

RT: 21.511 min Scan# 4191

Delta R.T. -0.000 min

Lab File: BM035100.D

Acq: 16 May 2022 12:40

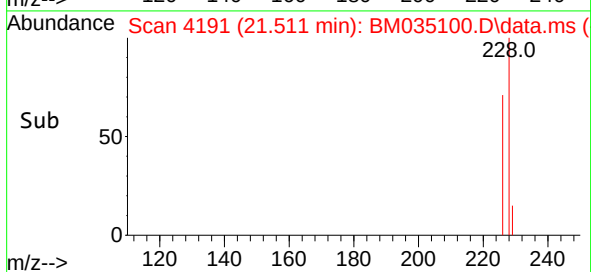
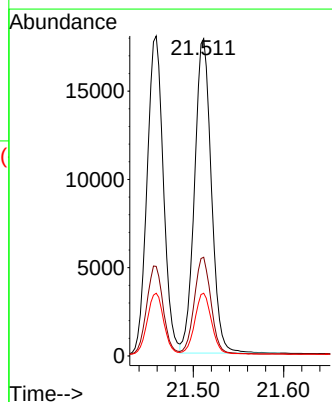
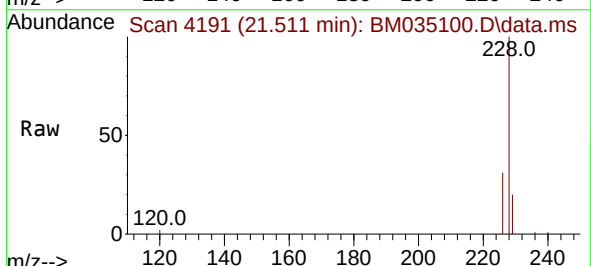
Tgt Ion:228 Resp: 22981

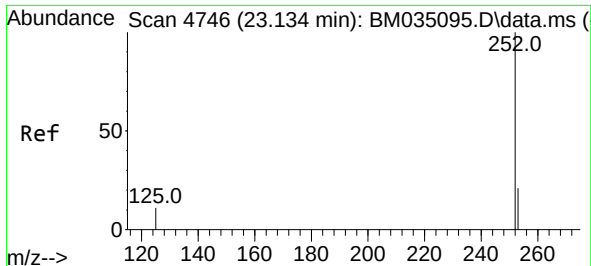
Ion Ratio Lower Upper

228 100

226 31.1 25.8 38.8

229 19.8 16.7 25.1

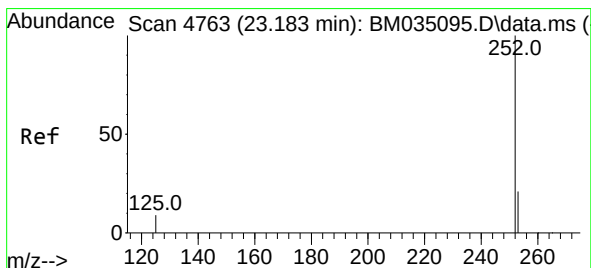
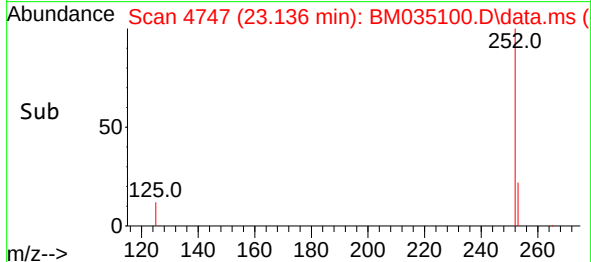
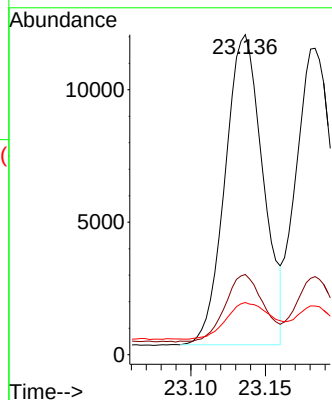
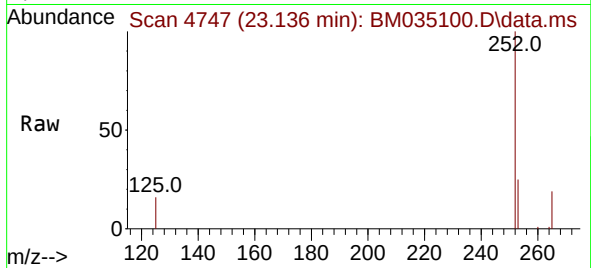




#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 23.136 min Scan# 4746
Delta R.T. 0.003 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

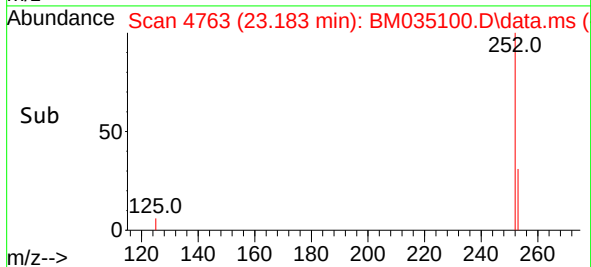
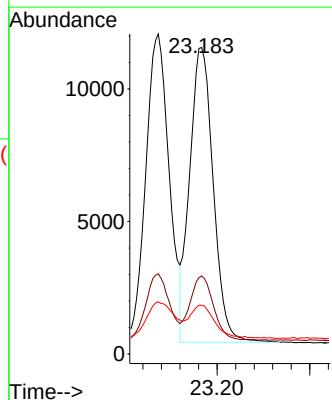
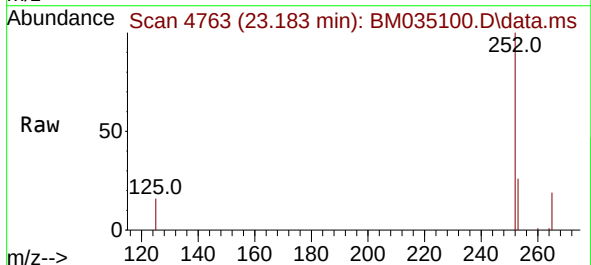
Instrument :
BNA_M
ClientSampleId :
EXL87MSD

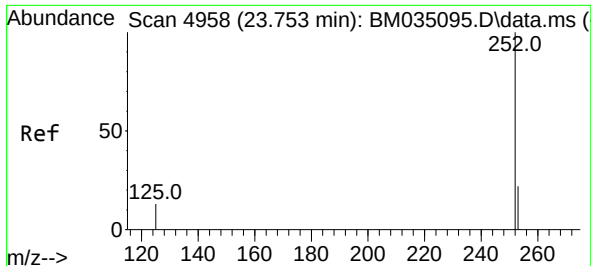
Tgt Ion:252 Resp: 20655
Ion Ratio Lower Upper
252 100
253 25.1 0.0 64.2
125 16.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.003 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion:252 Resp: 19660
Ion Ratio Lower Upper
252 100
253 25.5 26.8 40.2#
125 15.9 12.0 18.0

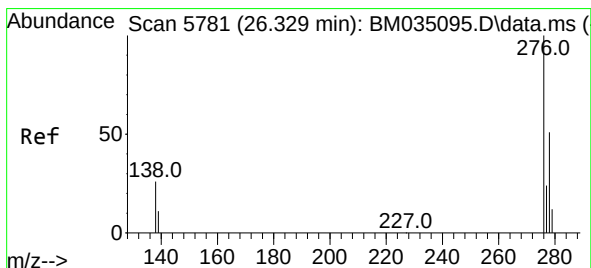
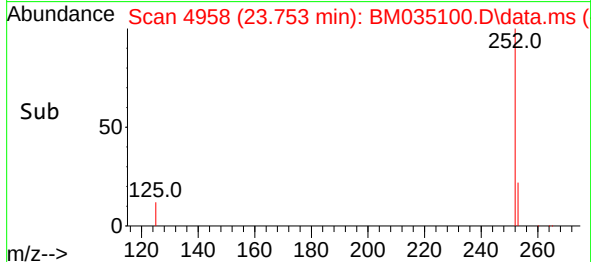
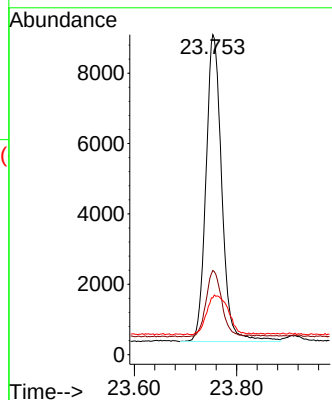
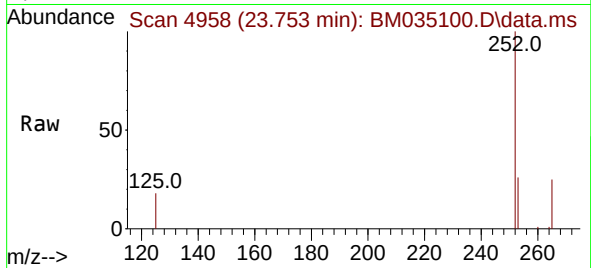




#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.003 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

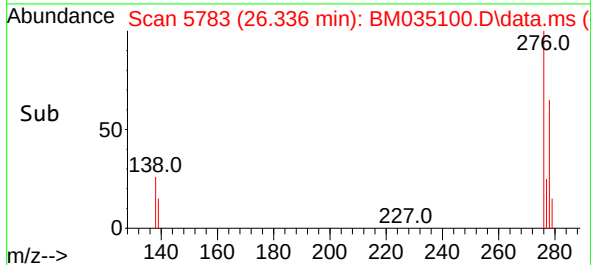
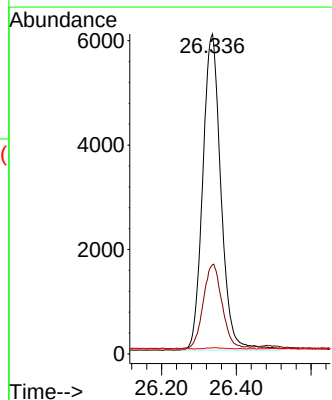
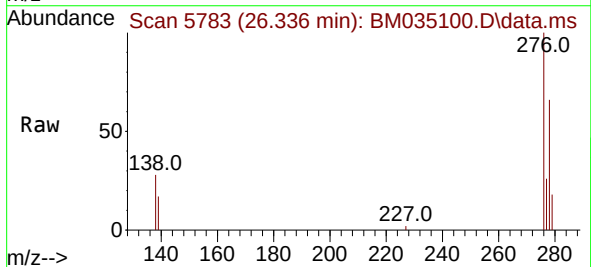
Instrument :
BNA_M
ClientSampleId :
EXL87MSD

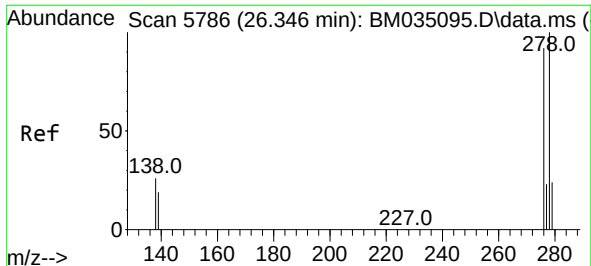
Tgt Ion:252 Resp: 18665
Ion Ratio Lower Upper
252 100
253 26.3 32.0 48.0#
125 17.7 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. 0.010 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion:276 Resp: 20439
Ion Ratio Lower Upper
276 100
138 27.8 15.8 23.6#
227 0.3 0.0 0.0#

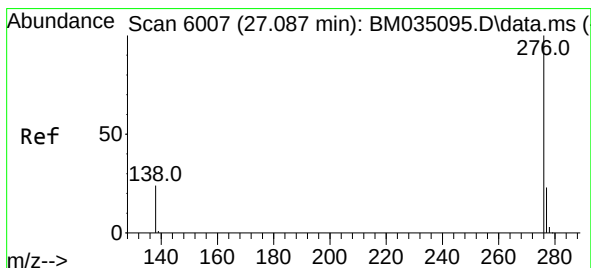
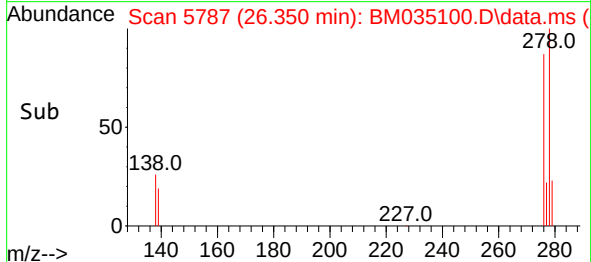
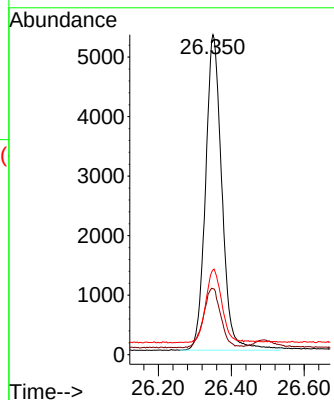
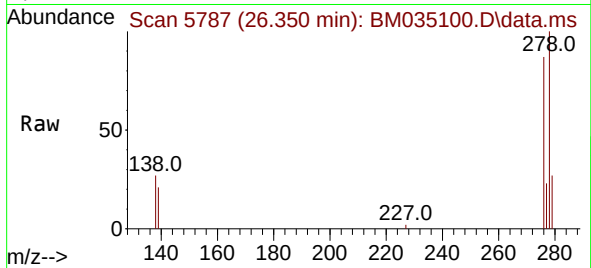




#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Instrument :
BNA_M
ClientSampleId :
EXL87MSD

Tgt Ion:278 Resp: 16533
Ion Ratio Lower Upper
278 100
139 20.6 18.0 27.0
279 26.5 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.430 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.010 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion:276 Resp: 17406
Ion Ratio Lower Upper
276 100
138 24.1 17.4 26.0
277 25.1 22.6 33.8

