

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040312.D
 Acq On : 19 Jun 2023 13:38
 Operator : MA/JU
 Sample : 03080-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ3

Quant Time: Jun 20 00:12:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

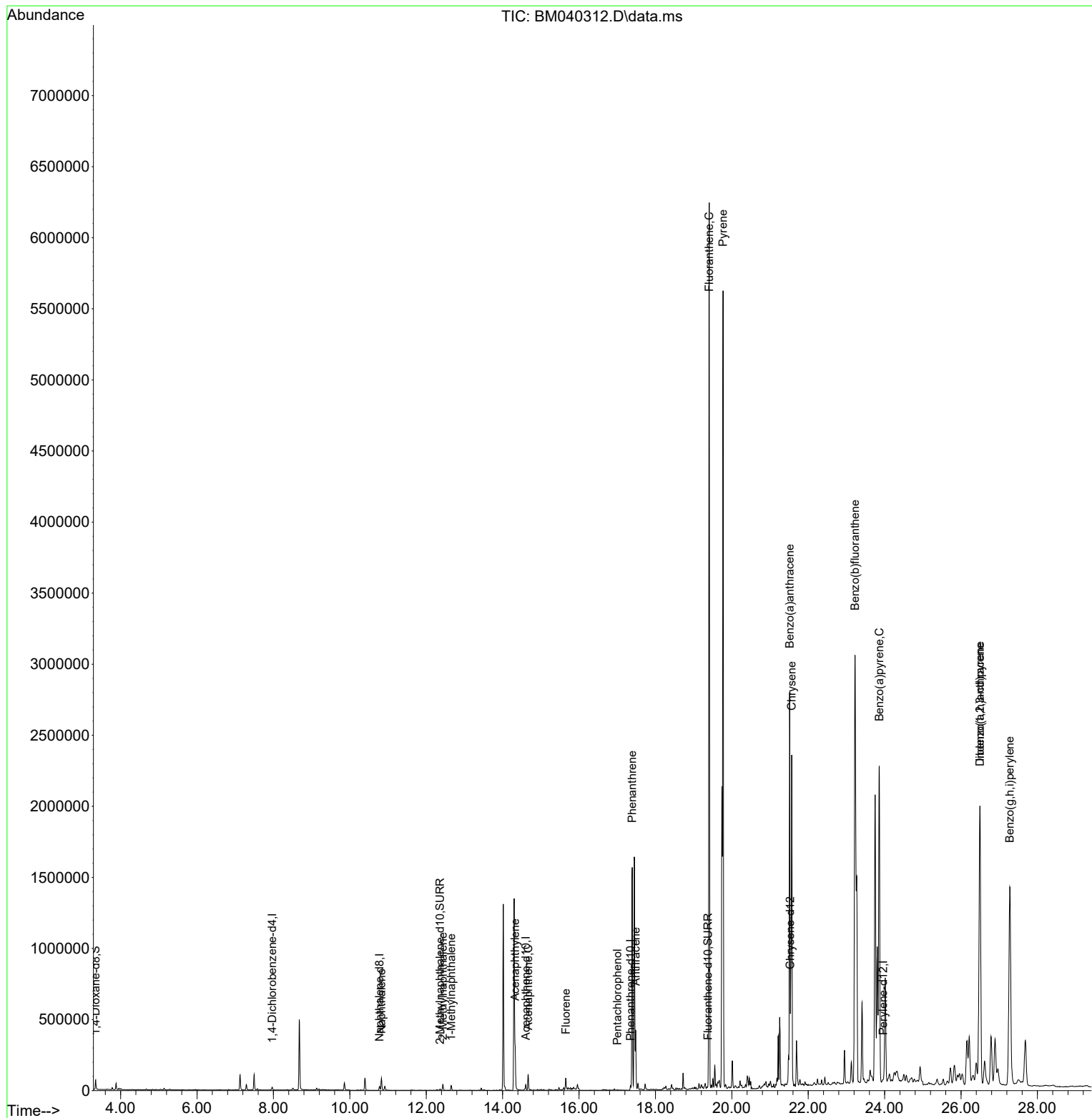
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	10033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	36858	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	20948	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	37994	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	21319	0.400	ng/ul	# 0.00
23) Perylene-d12	23.958	264	33833	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	41249	3.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	12039	0.257	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	22133	0.416	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.827	128	111761	1.280	ng/ul	100
7) 2-Methylnaphthalene	12.433	142	30795	0.567	ng/ul	100
8) 1-Methylnaphthalene	12.653	142	23483	0.413	ng/ul	100
10) Acenaphthylene	14.327	152	340653	4.649	ng/ul	99
11) Acenaphthene	14.669	153	61313	0.976	ng/ul	99
12) Fluorene	15.655	166	55365	0.791	ng/ul	99
14) Pentachlorophenol	17.003	266	466	0.060	ng/ul	96
15) Phenanthrene	17.391	178	1605454	16.071	ng/ul	99
16) Anthracene	17.484	178	429222	5.072	ng/ul	99
19) Fluoranthene	19.407	202	5064697	69.742	ng/ul	96
20) Pyrene	19.770	202	4517411	59.872	ng/ul	98
21) Benzo(a)anthracene	21.512	228	2260006	35.915	ng/ul	97
22) Chrysene	21.567	228	2485814	37.395	ng/ul	97
24) Benzo(b)fluoranthene	23.224	252	5091562	40.823	ng/ul	90
26) Benzo(a)pyrene	23.859	252	3253084	31.786	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.494	276	3281300	25.328	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.497	278	796555	7.660	ng/ul	96
29) Benzo(g,h,i)perylene	27.275	276	3146145	29.076	ng/ul	96

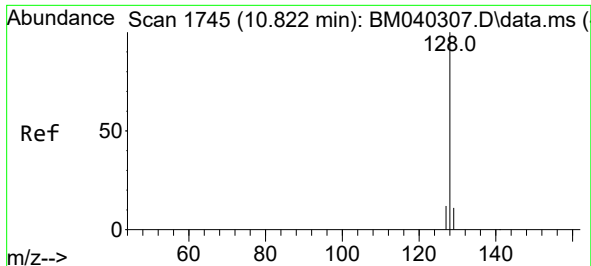
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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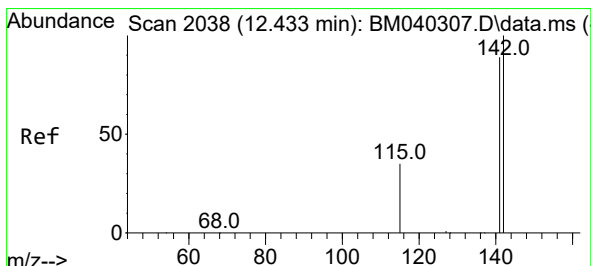
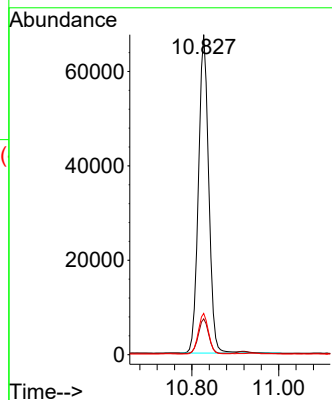
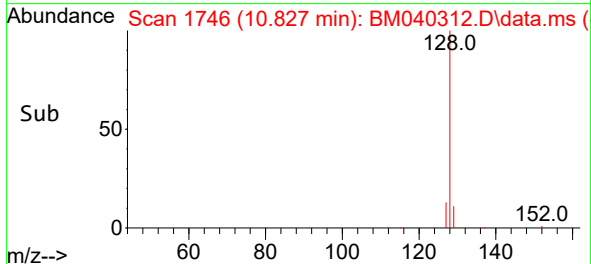
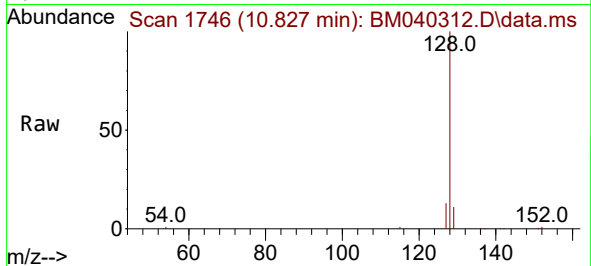




#5
Naphthalene
Concen: 1.280 ng/ul
RT: 10.827 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

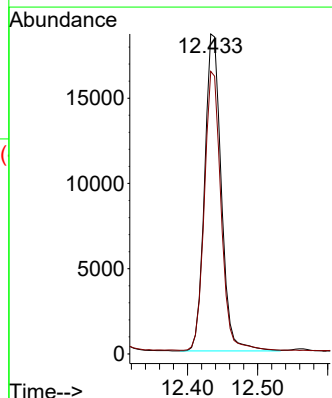
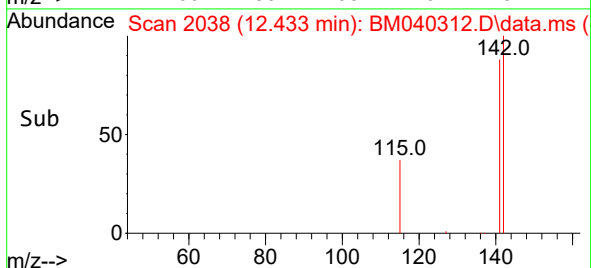
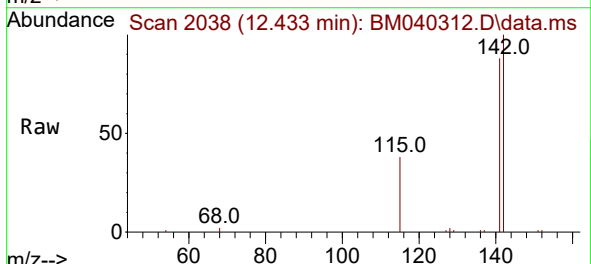
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BNA_M
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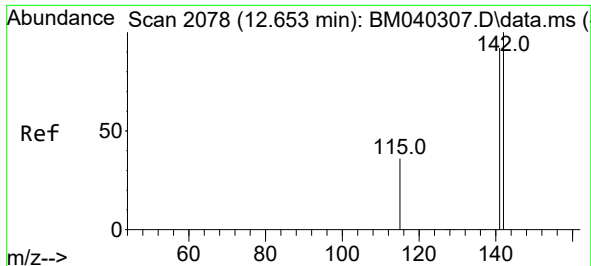
Tgt Ion:128 Resp: 111761
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.9 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.567 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

Tgt Ion:142 Resp: 30795
Ion Ratio Lower Upper
142 100
141 88.4 70.6 106.0

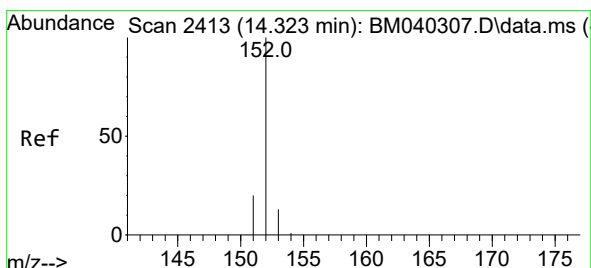
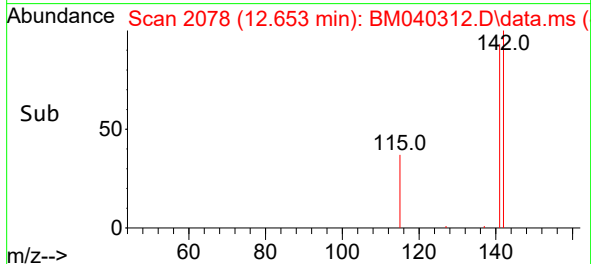
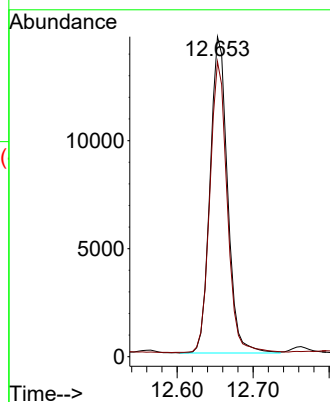
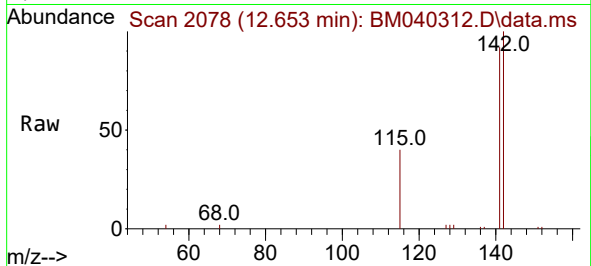




#8
1-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

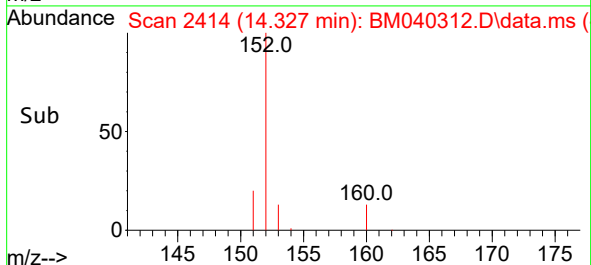
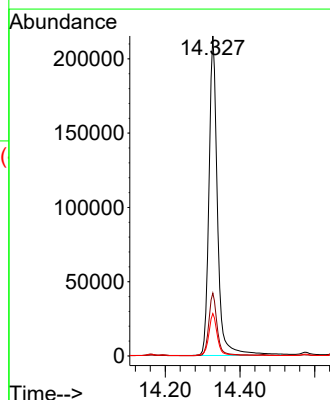
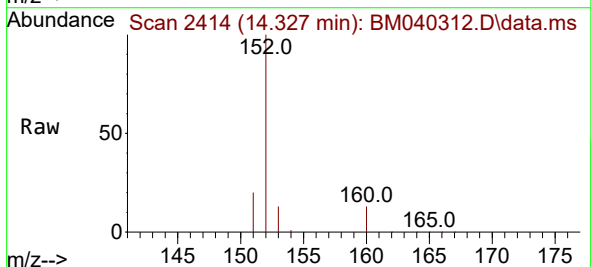
Instrument :
BNA_M
ClientSampleId :
DCFJ3

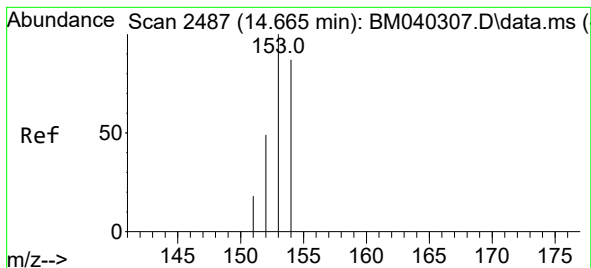
Tgt Ion:142 Resp: 23483
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4



#10
Acenaphthylene
Concen: 4.649 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

Tgt Ion:152 Resp: 340653
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.2 10.7 16.1





#11

Acenaphthene

Concen: 0.976 ng/ul

RT: 14.669 min Scan# 2487

Delta R.T. -0.005 min

Lab File: BM040312.D

Acq: 19 Jun 2023 13:38

Instrument :

BNA_M

ClientSampleId :

DCFJ3

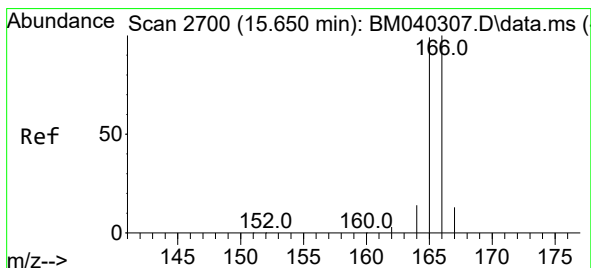
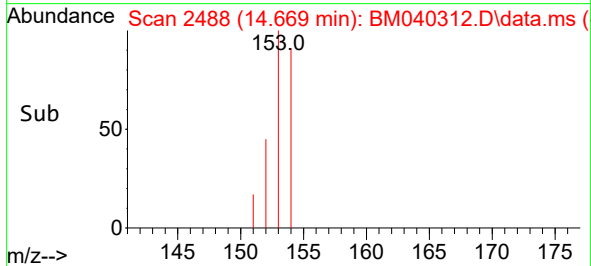
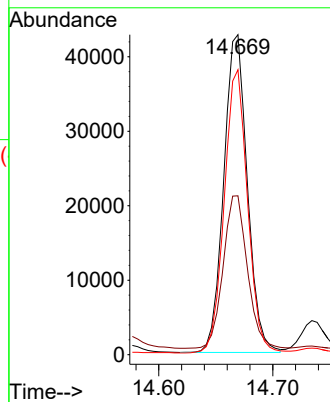
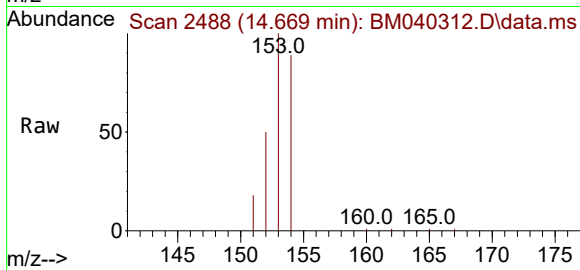
Tgt Ion:153 Resp: 61313

Ion Ratio Lower Upper

153 100

152 49.6 40.3 60.5

154 89.1 70.5 105.7



#12

Fluorene

Concen: 0.791 ng/ul

RT: 15.655 min Scan# 2701

Delta R.T. -0.005 min

Lab File: BM040312.D

Acq: 19 Jun 2023 13:38

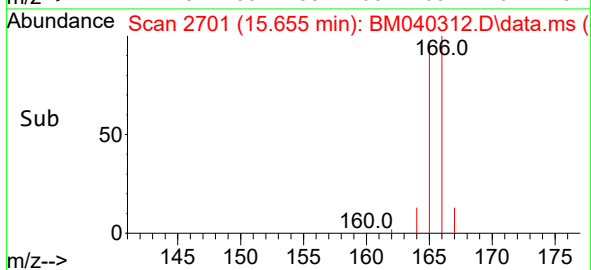
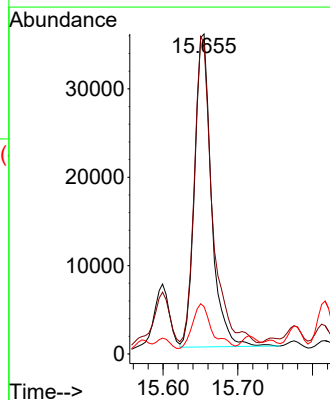
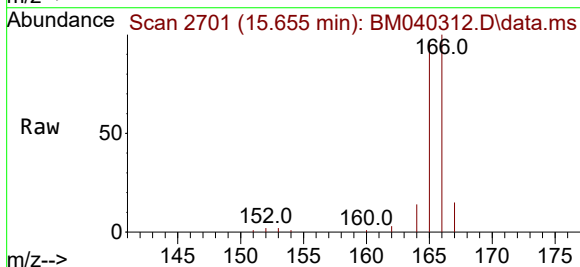
Tgt Ion:166 Resp: 55365

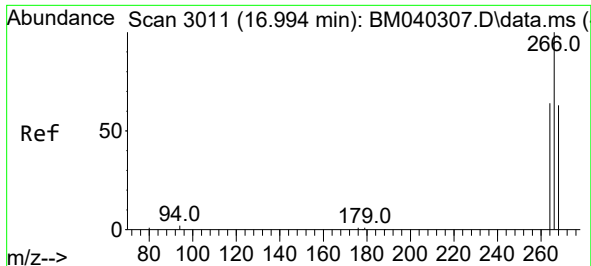
Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.4

167 14.8 11.0 16.4

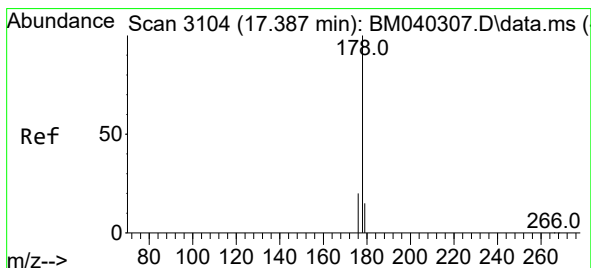
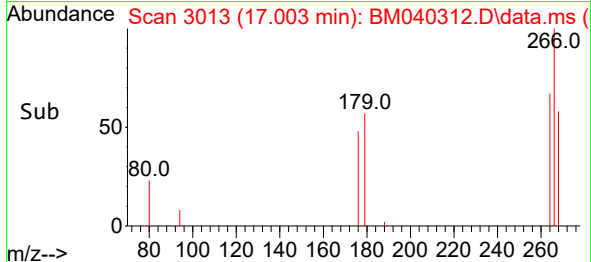
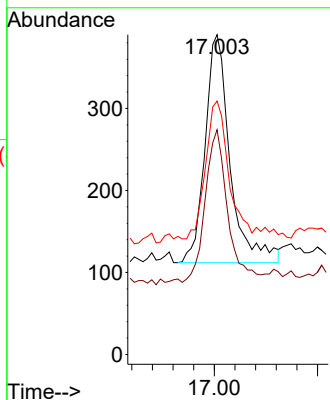
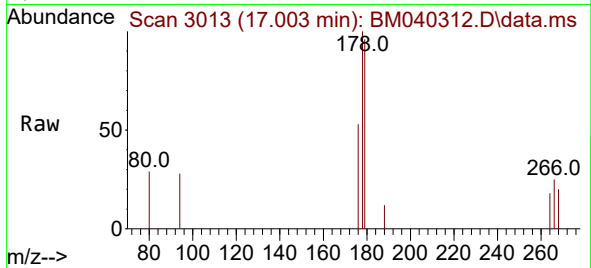




#14
 Pentachlorophenol
 Concen: 0.060 ng/ul
 RT: 17.003 min Scan# 3013
 Delta R.T. -0.004 min
 Lab File: BM040312.D
 Acq: 19 Jun 2023 13:38

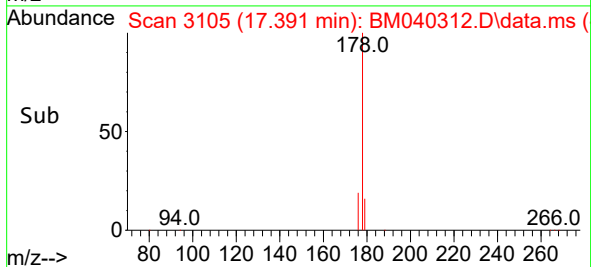
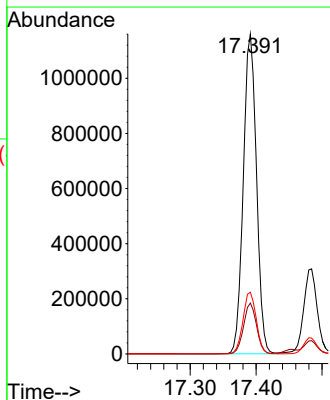
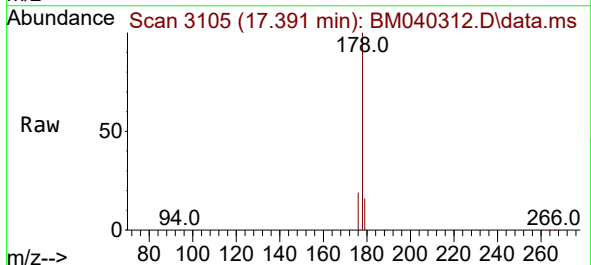
Instrument :
 BNA_M
 ClientSampleId :
 DCFJ3

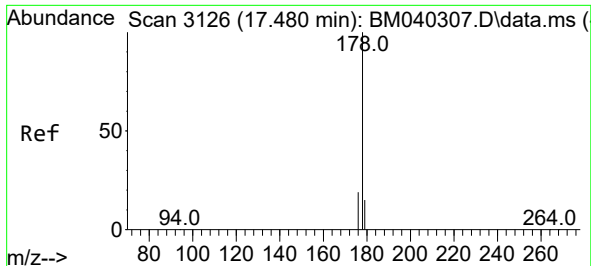
Tgt Ion:266 Resp: 466
 Ion Ratio Lower Upper
 266 100
 264 65.7 49.4 74.0
 268 61.4 51.3 76.9



#15
 Phenanthrene
 Concen: 16.071 ng/ul
 RT: 17.391 min Scan# 3105
 Delta R.T. -0.004 min
 Lab File: BM040312.D
 Acq: 19 Jun 2023 13:38

Tgt Ion:178 Resp: 1605454
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.6 19.0
 176 19.3 16.1 24.1

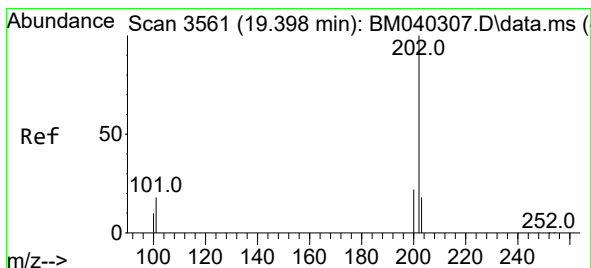
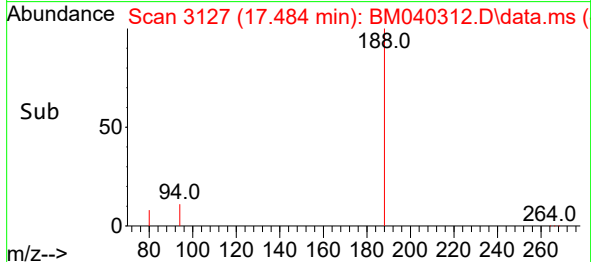
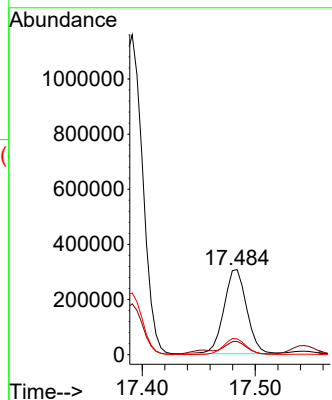
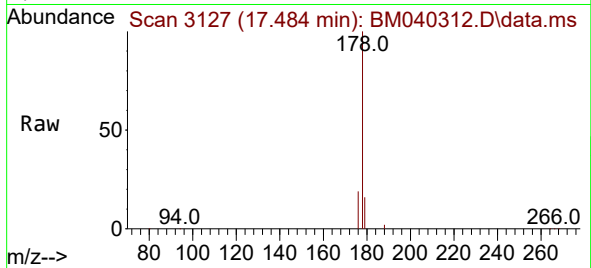




#16
 Anthracene
 Concen: 5.072 ng/ul
 RT: 17.484 min Scan# 3126
 Delta R.T. -0.004 min
 Lab File: BM040312.D
 Acq: 19 Jun 2023 13:38

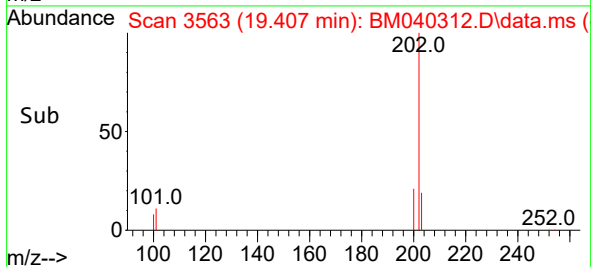
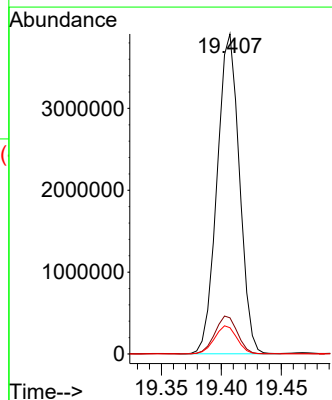
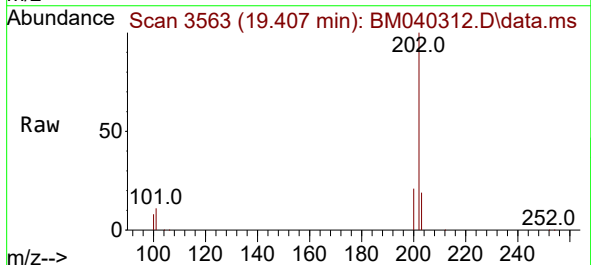
Instrument :
 BNA_M
 ClientSampleId :
 DCFJ3

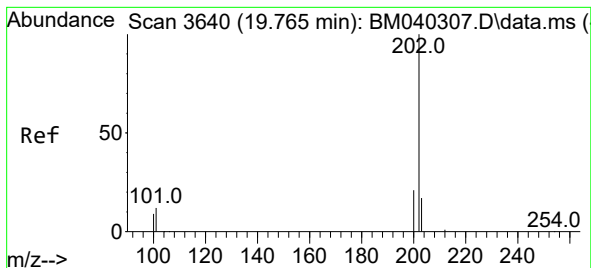
Tgt Ion:178 Resp: 429222
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.0 19.4
 176 18.7 15.5 23.3



#19
 Fluoranthene
 Concen: 69.742 ng/ul
 RT: 19.407 min Scan# 3563
 Delta R.T. -0.000 min
 Lab File: BM040312.D
 Acq: 19 Jun 2023 13:38

Tgt Ion:202 Resp: 5064697
 Ion Ratio Lower Upper
 202 100
 101 11.3 10.2 15.4
 100 8.2 7.6 11.4





#20

Pyrene

Concen: 59.872 ng/ul

RT: 19.770 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM040312.D

Acq: 19 Jun 2023 13:38

Instrument :

BNA_M

ClientSampleId :

DCFJ3

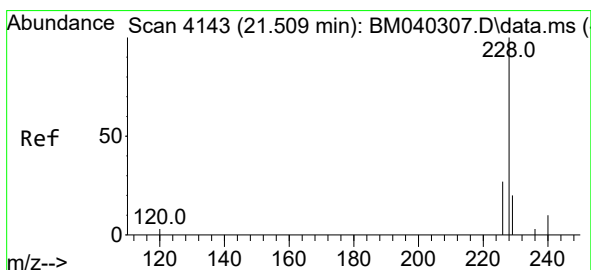
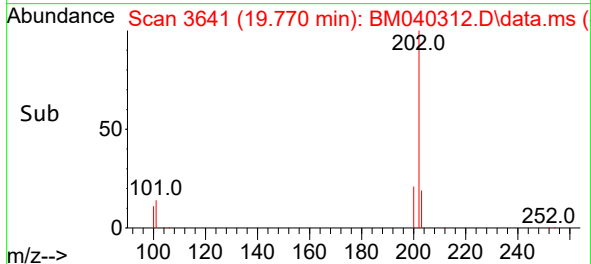
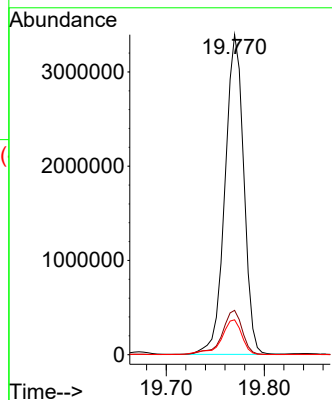
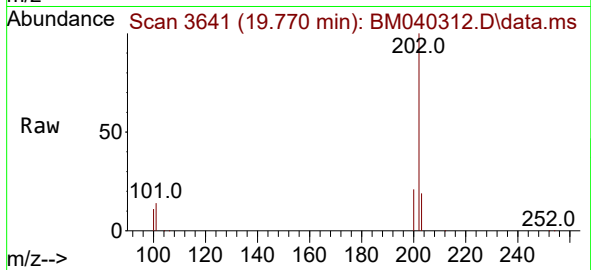
Tgt Ion:202 Resp: 4517411

Ion Ratio Lower Upper

202 100

101 13.8 11.8 17.8

100 10.9 9.3 13.9



#21

Benzo(a)anthracene

Concen: 35.915 ng/ul

RT: 21.512 min Scan# 4144

Delta R.T. -0.003 min

Lab File: BM040312.D

Acq: 19 Jun 2023 13:38

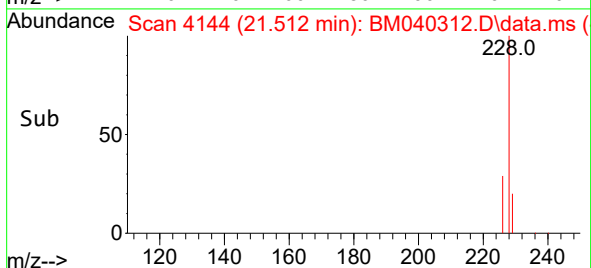
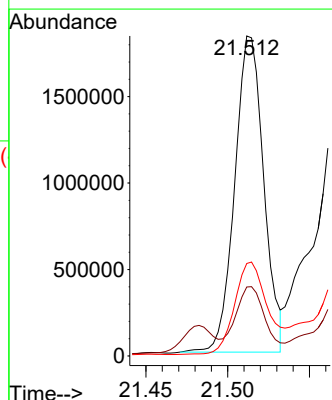
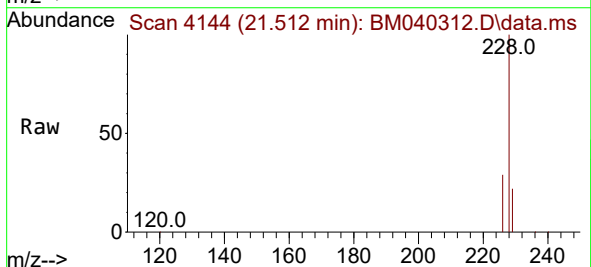
Tgt Ion:228 Resp: 2260006

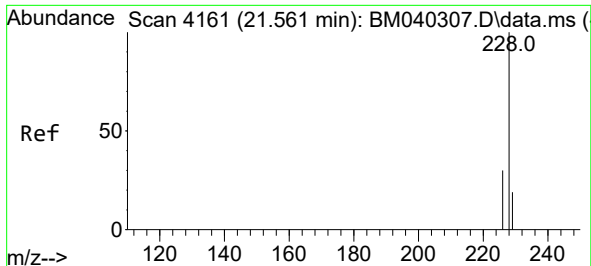
Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.8

226 28.9 22.0 33.0

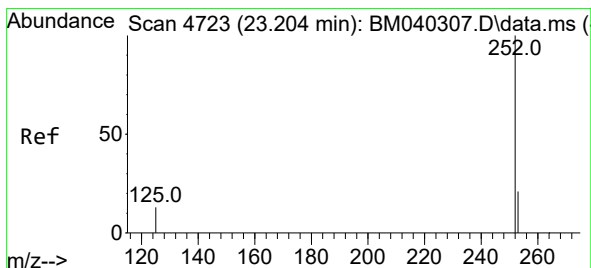
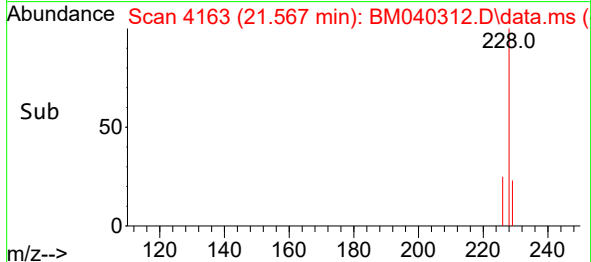
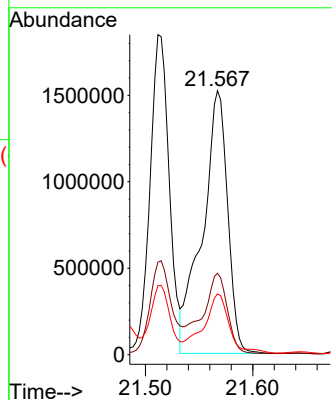
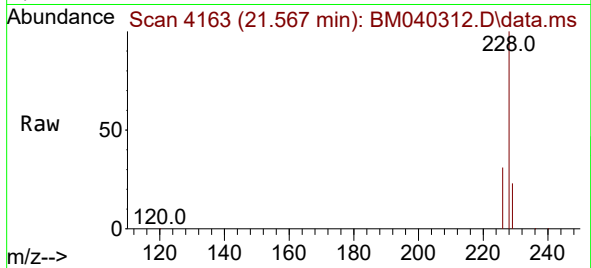




#22
Chrysene
Concen: 37.395 ng/ul
RT: 21.567 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

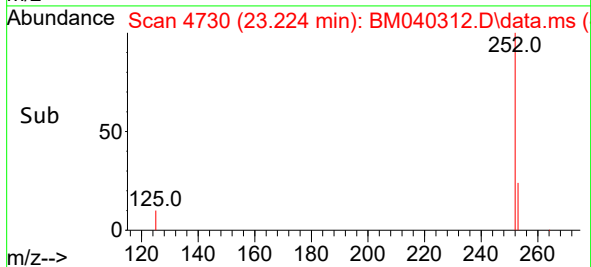
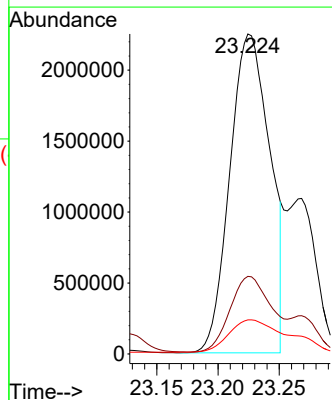
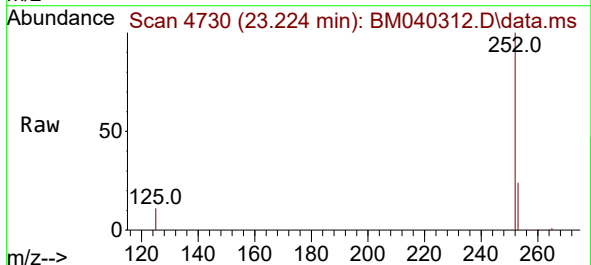
Instrument :
BNA_M
ClientSampleId :
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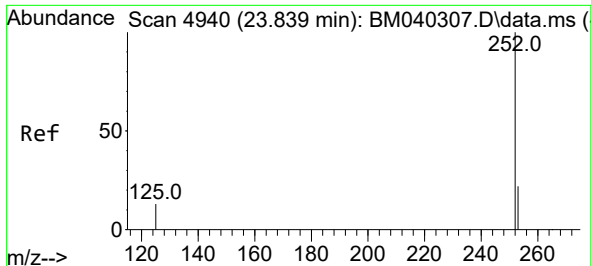
Tgt Ion:228 Resp: 2485814
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 23.0 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 40.823 ng/ul
RT: 23.224 min Scan# 4730
Delta R.T. 0.009 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

Tgt Ion:252 Resp: 5091562
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.4
125 10.6 0.0 38.4

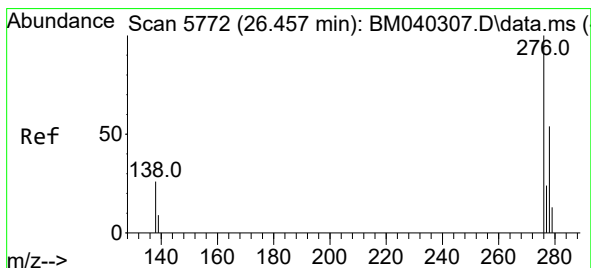
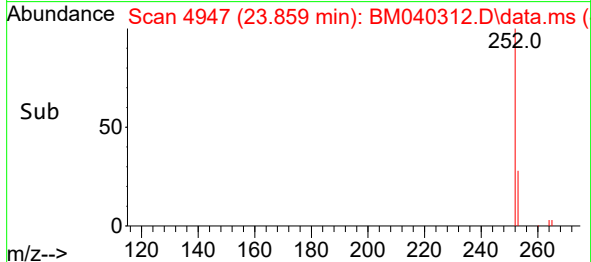
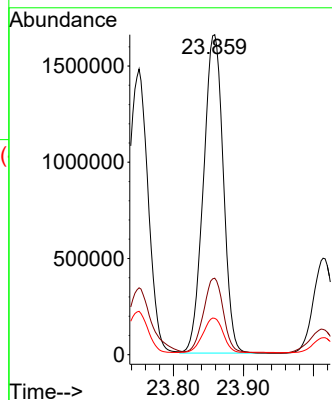
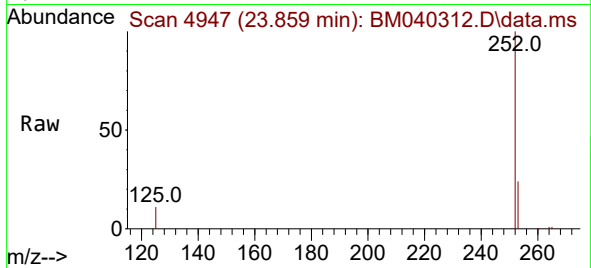




#26
Benzo(a)pyrene
Concen: 31.786 ng/ul
RT: 23.859 min Scan# 4940
Delta R.T. 0.009 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

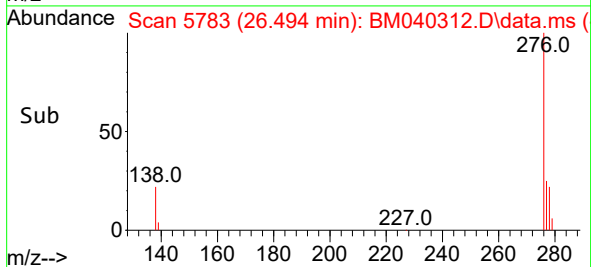
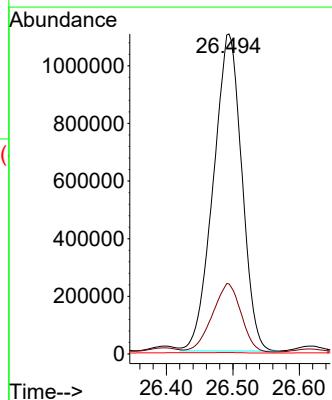
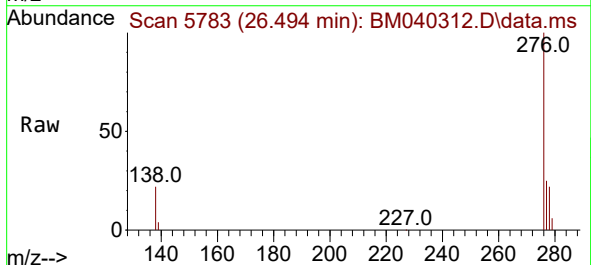
Instrument :
BNA_M
ClientSampleId :
DCFJ3

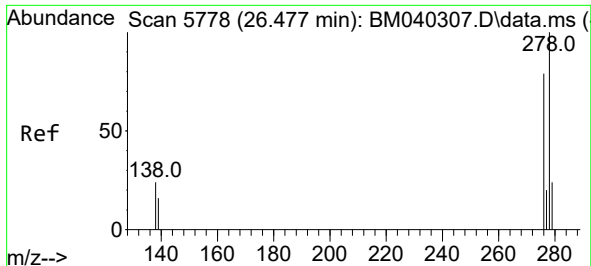
Tgt Ion:252 Resp: 3253084
Ion Ratio Lower Upper
252 100
253 23.9 23.4 35.0
125 11.4 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 25.328 ng/ul
RT: 26.494 min Scan# 5783
Delta R.T. 0.017 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

Tgt Ion:276 Resp: 3281300
Ion Ratio Lower Upper
276 100
138 21.7 23.3 34.9#
227 0.3 0.1 0.1#

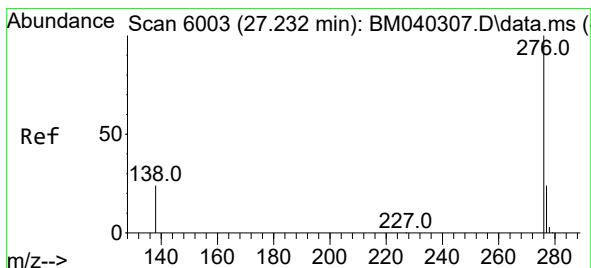
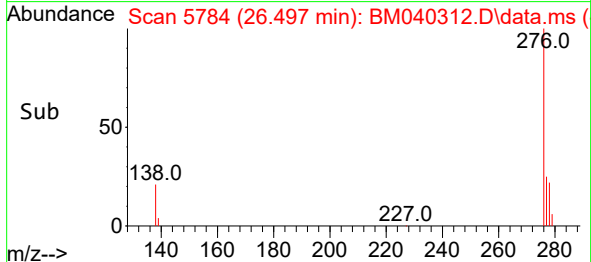
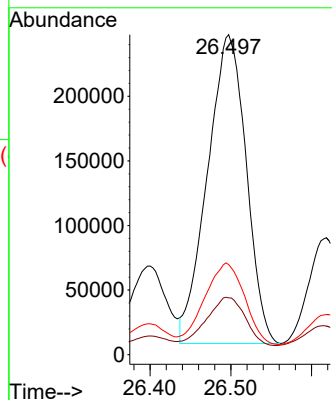
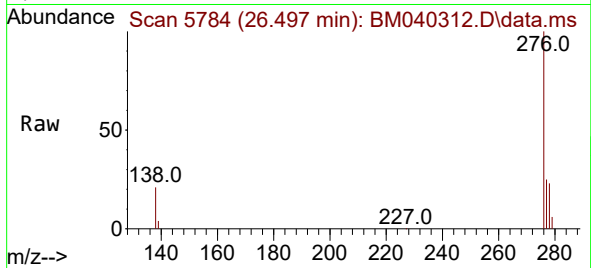




#28
Dibenzo(a,h)anthracene
Concen: 7.660 ng/ul
RT: 26.497 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

Instrument :
BNA_M
ClientSampleId :
DCFJ3

Tgt Ion:278 Resp: 796555
Ion Ratio Lower Upper
278 100
139 17.7 16.4 24.6
279 28.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 29.076 ng/ul
RT: 27.275 min Scan# 6016
Delta R.T. 0.020 min
Lab File: BM040312.D
Acq: 19 Jun 2023 13:38

Tgt Ion:276 Resp: 3146145
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
277 24.7 19.6 29.4

