

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040327.D
 Acq On : 19 Jun 2023 23:34
 Operator : MA/JU
 Sample : 03080-18DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ7DL

Quant Time: Jun 20 00:53:03 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)

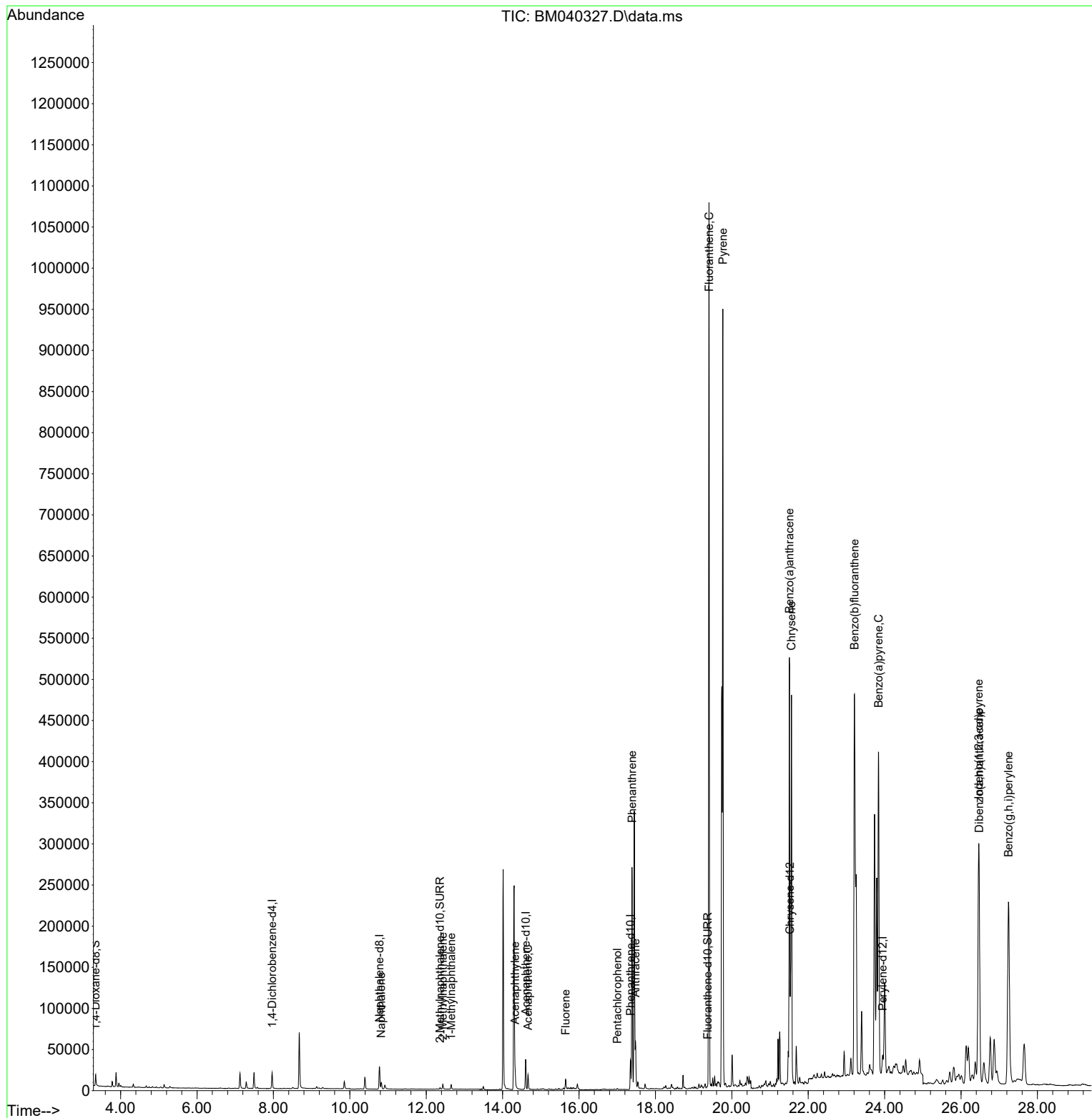
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	9982	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	38429	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	20572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	40623	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	28944	0.400	ng/ul	# 0.00
23) Perylene-d12	23.947	264	31025	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	8762	0.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	2385	0.049	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	4330	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	11409	0.125	ng/ul	96
7) 2-Methylnaphthalene	12.433	142	4495	0.079	ng/ul	98
8) 1-Methylnaphthalene	12.653	142	3870	0.065	ng/ul	99
10) Acenaphthylene	14.327	152	25651	0.356	ng/ul	99
11) Acenaphthene	14.665	153	10203	0.165	ng/ul	99
12) Fluorene	15.650	166	8141	0.118	ng/ul#	97
14) Pentachlorophenol	17.003	266	887	0.107	ng/ul	96
15) Phenanthrene	17.387	178	275912	2.583	ng/ul	99
16) Anthracene	17.480	178	52327	0.578	ng/ul	100
19) Fluoranthene	19.403	202	860082	8.724	ng/ul	97
20) Pyrene	19.765	202	757909	7.399	ng/ul	98
21) Benzo(a)anthracene	21.506	228	429503	5.027	ng/ul	99
22) Chrysene	21.562	228	462916	5.129	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	786716	6.879	ng/ul	91
26) Benzo(a)pyrene	23.841	252	562032	5.989	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.464	276	493431	4.154	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.477	278	125365	1.315	ng/ul	98
29) Benzo(g,h,i)perylene	27.242	276	493846	4.977	ng/ul	98

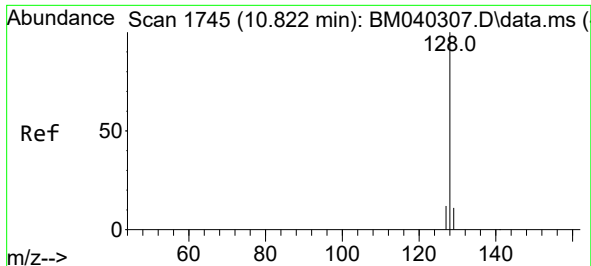
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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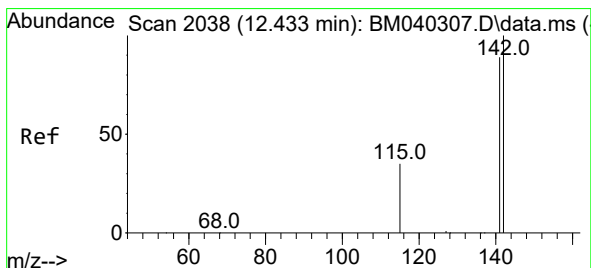
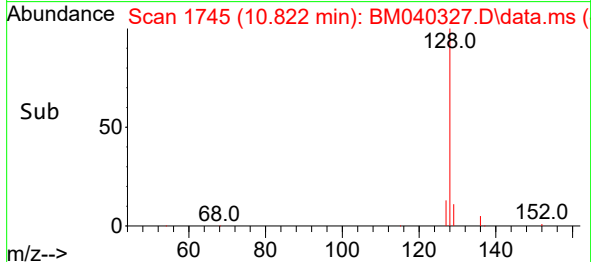
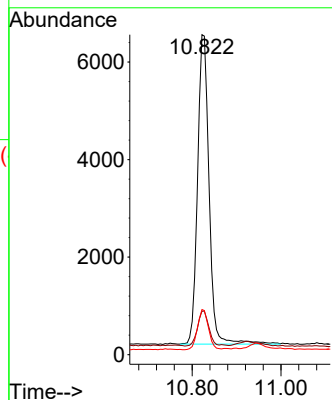
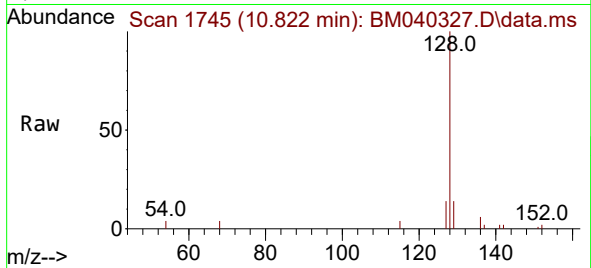




#5
Naphthalene
Concen: 0.125 ng/ul
RT: 10.822 min Scan# 1745
Delta R.T. -0.011 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

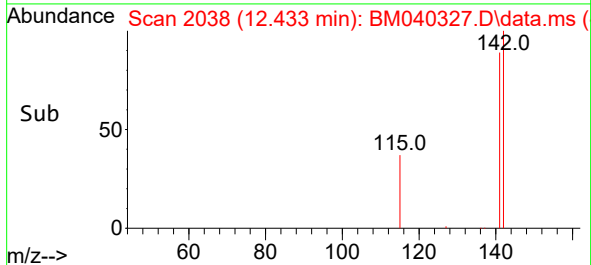
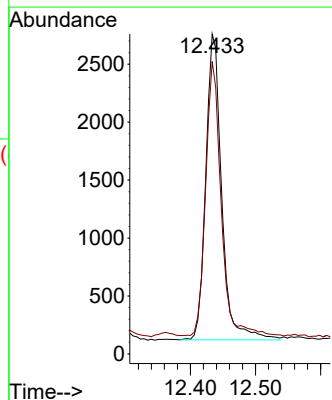
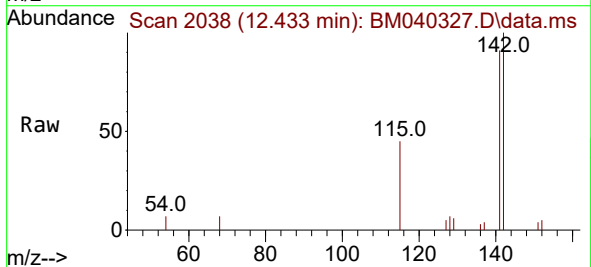
Instrument :
BNA_M
ClientSampleId :
DCFJ7DL

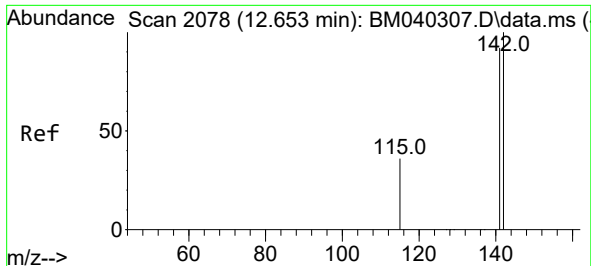
Tgt Ion:128 Resp: 11409
Ion Ratio Lower Upper
128 100
129 13.6 9.1 13.7
127 14.1 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

Tgt Ion:142 Resp: 4495
Ion Ratio Lower Upper
142 100
141 86.8 70.6 106.0

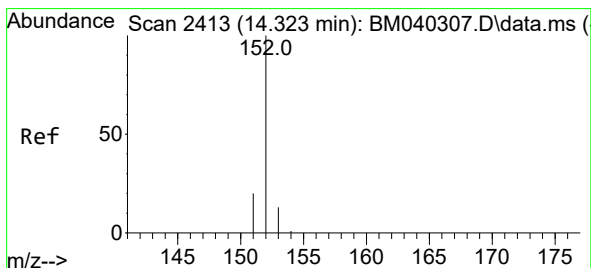
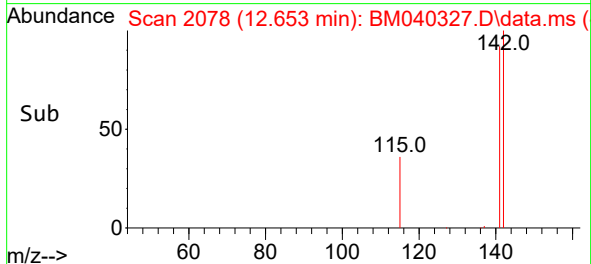
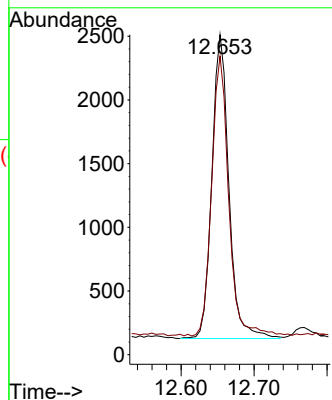
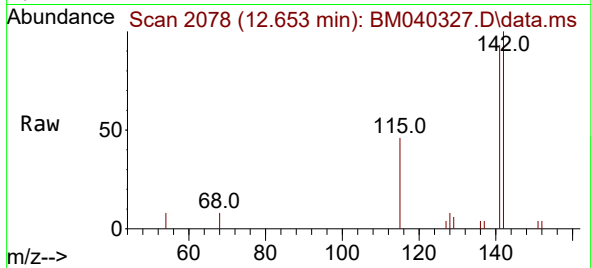




#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

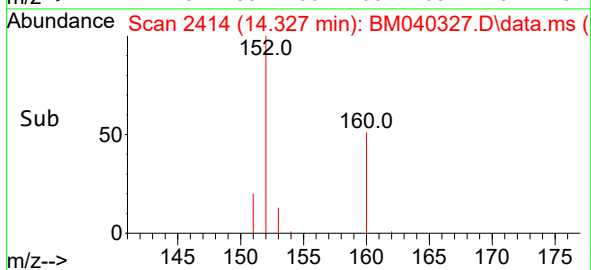
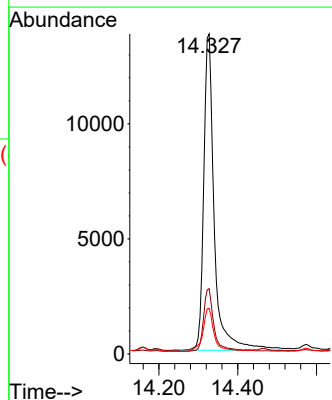
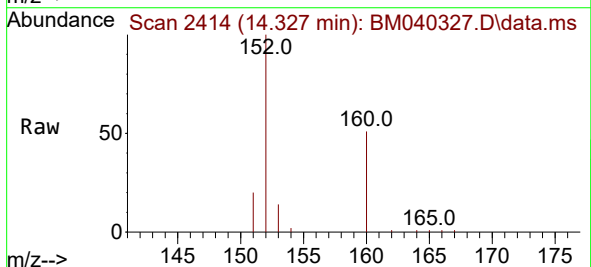
Instrument :
BNA_M
ClientSampleId :
DCFJ7DL

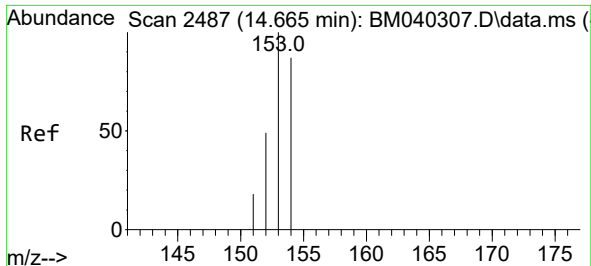
Tgt Ion:142 Resp: 3870
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4



#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

Tgt Ion:152 Resp: 25651
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.3 10.7 16.1

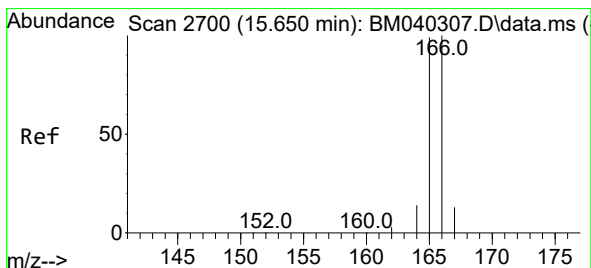
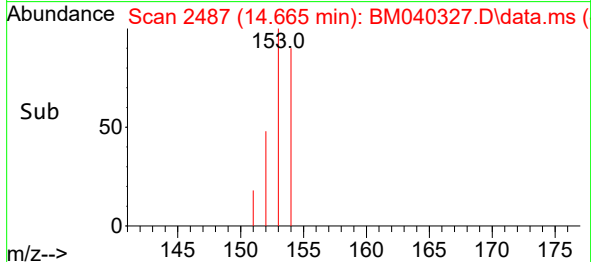
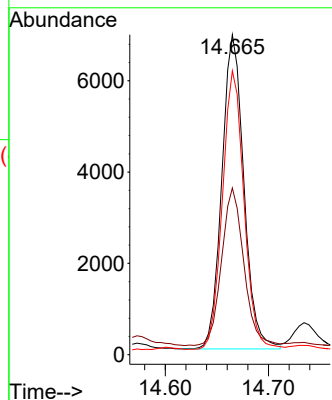
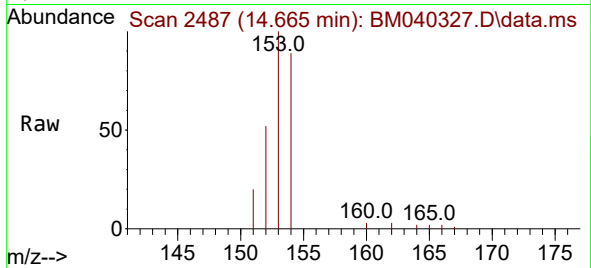




#11
Acenaphthene
Concen: 0.165 ng/ul
RT: 14.665 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

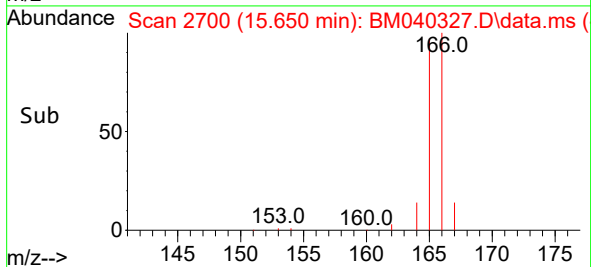
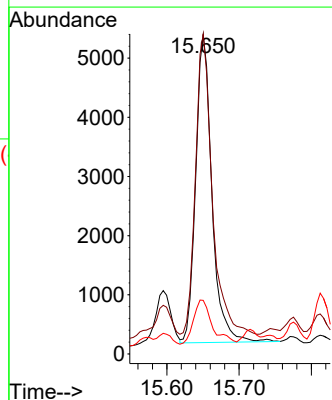
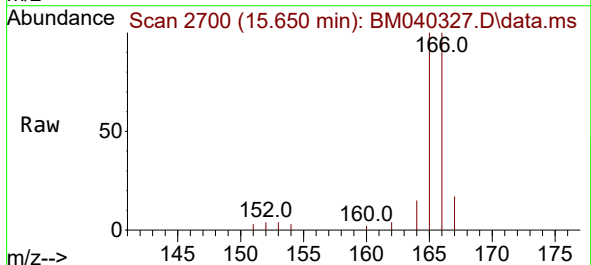
Instrument :
BNA_M
ClientSampleId :
DCFJ7DL

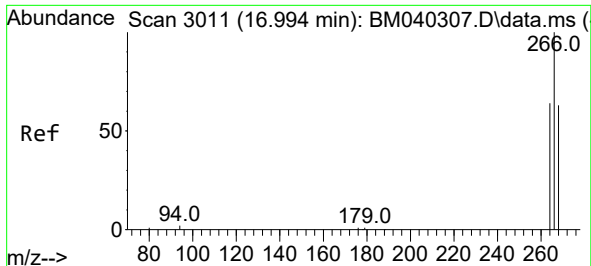
Tgt Ion:153 Resp: 10203
Ion Ratio Lower Upper
153 100
152 52.1 40.3 60.5
154 88.7 70.5 105.7



#12
Fluorene
Concen: 0.118 ng/ul
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

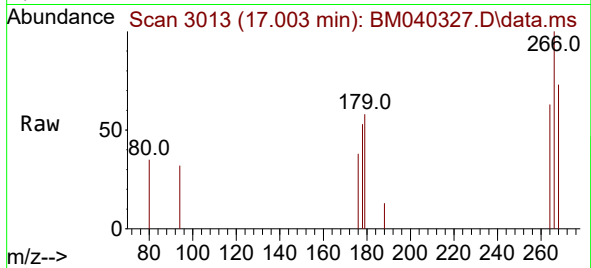
Tgt Ion:166 Resp: 8141
Ion Ratio Lower Upper
166 100
165 100.2 78.2 117.4
167 16.8 11.0 16.4#





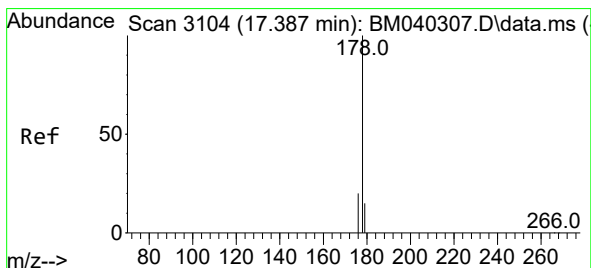
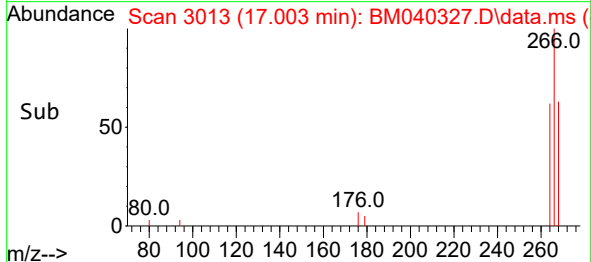
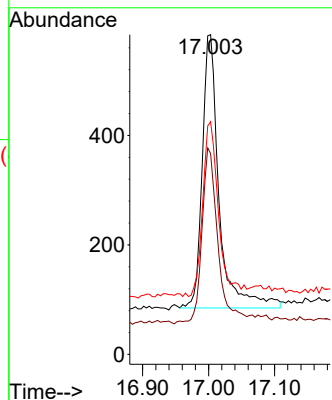
#14
 Pentachlorophenol
 Concen: 0.107 ng/ul
 RT: 17.003 min Scan# 3013
 Delta R.T. -0.004 min
 Lab File: BM040327.D
 Acq: 19 Jun 2023 23:34

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ7DL



Tgt Ion:266 Resp: 887

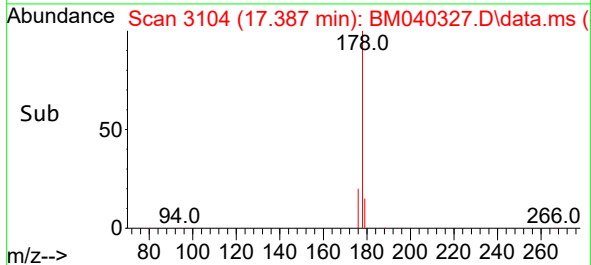
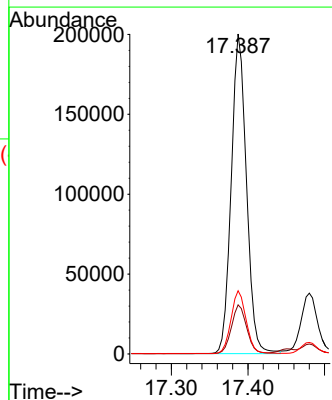
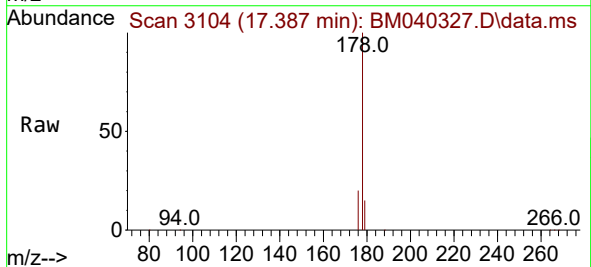
Ion	Ratio	Lower	Upper
266	100		
264	64.4	49.4	74.0
268	60.5	51.3	76.9

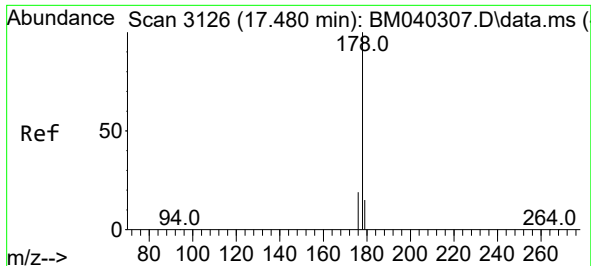


#15
 Phenanthrene
 Concen: 2.583 ng/ul
 RT: 17.387 min Scan# 3104
 Delta R.T. -0.008 min
 Lab File: BM040327.D
 Acq: 19 Jun 2023 23:34

Tgt Ion:178 Resp: 275912

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.8	16.1	24.1

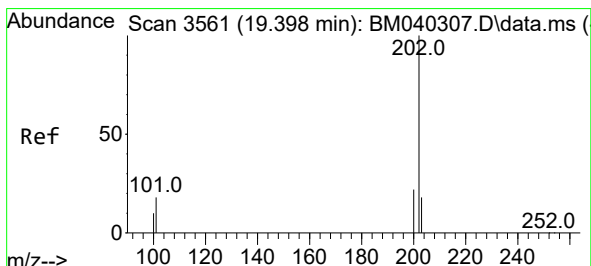
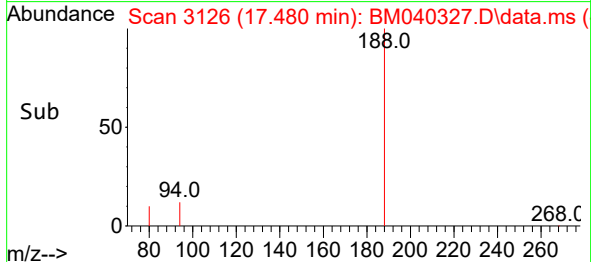
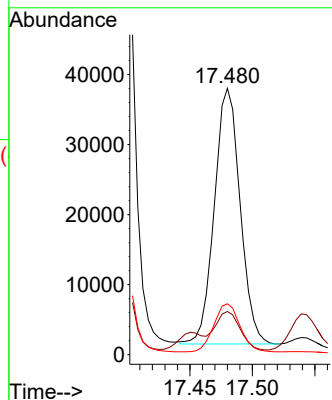
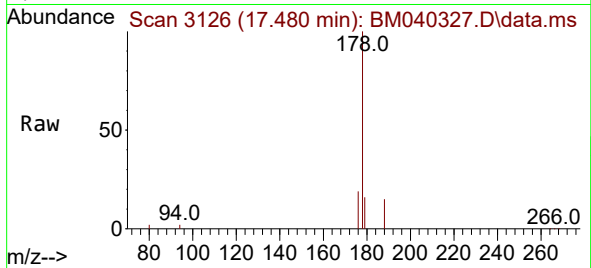




#16
 Anthracene
 Concen: 0.578 ng/ul
 RT: 17.480 min Scan# 3126
 Delta R.T. -0.008 min
 Lab File: BM040327.D
 Acq: 19 Jun 2023 23:34

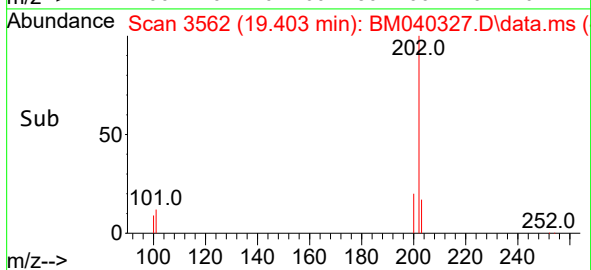
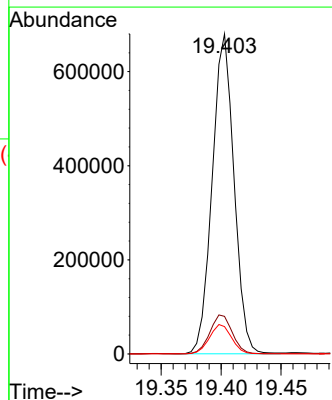
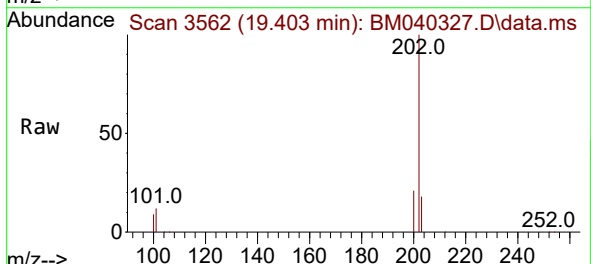
Instrument :
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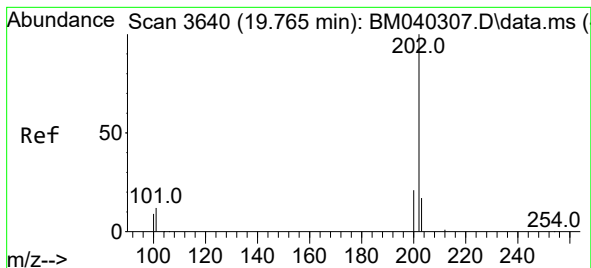
Tgt Ion:178 Resp: 52327
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.0 19.4
 176 19.1 15.5 23.3



#19
 Fluoranthene
 Concen: 8.724 ng/ul
 RT: 19.403 min Scan# 3562
 Delta R.T. -0.005 min
 Lab File: BM040327.D
 Acq: 19 Jun 2023 23:34

Tgt Ion:202 Resp: 860082
 Ion Ratio Lower Upper
 202 100
 101 11.8 10.2 15.4
 100 8.6 7.6 11.4





#20

Pyrene

Concen: 7.399 ng/ul

RT: 19.765 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040327.D

Acq: 19 Jun 2023 23:34

Instrument :

BNA_M

ClientSampleId :

DCFJ7DL

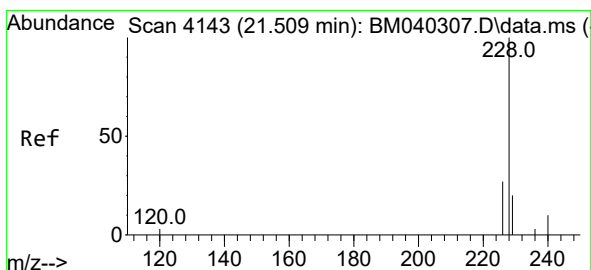
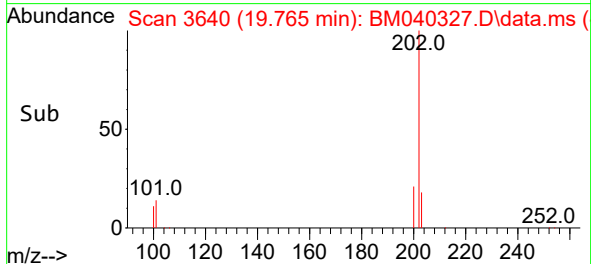
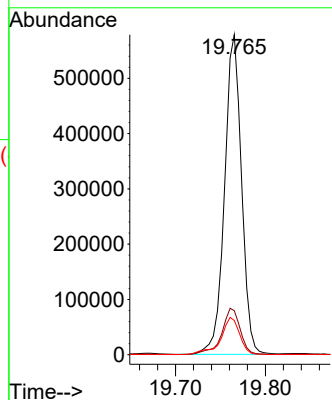
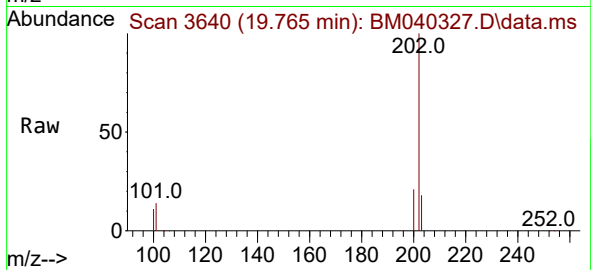
Tgt Ion:202 Resp: 757909

Ion Ratio Lower Upper

202 100

101 13.8 11.8 17.8

100 10.7 9.3 13.9



#21

Benzo(a)anthracene

Concen: 5.027 ng/ul

RT: 21.506 min Scan# 4142

Delta R.T. -0.009 min

Lab File: BM040327.D

Acq: 19 Jun 2023 23:34

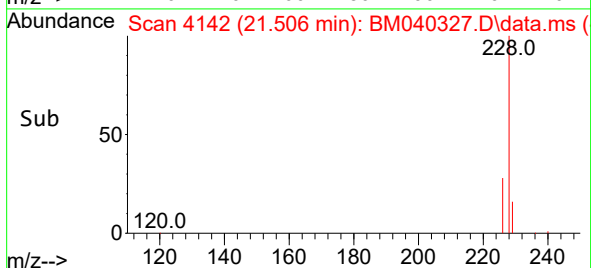
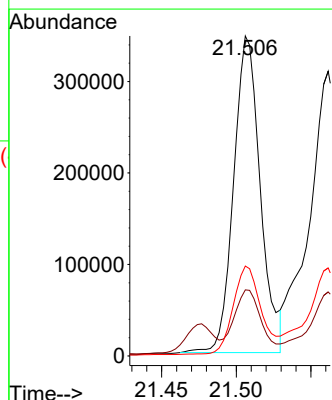
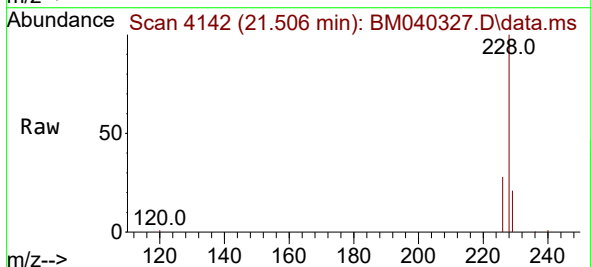
Tgt Ion:228 Resp: 429503

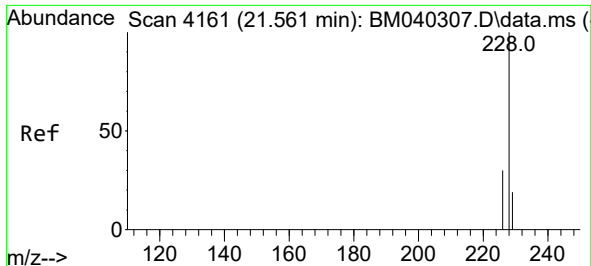
Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.8

226 28.1 22.0 33.0





#22

Chrysene

Concen: 5.129 ng/ul

RT: 21.562 min Scan# 4161

Delta R.T. -0.009 min

Lab File: BM040327.D

Acq: 19 Jun 2023 23:34

Instrument :

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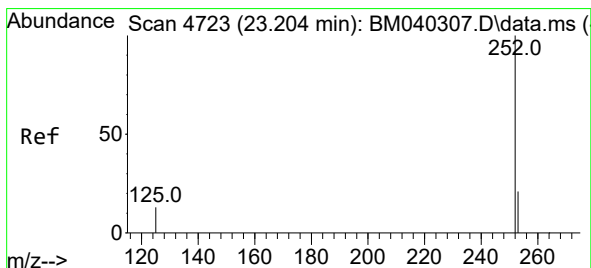
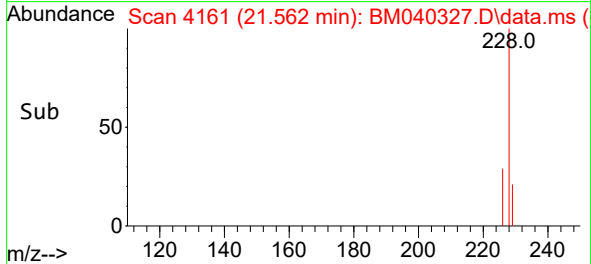
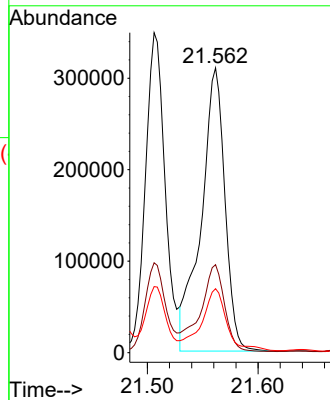
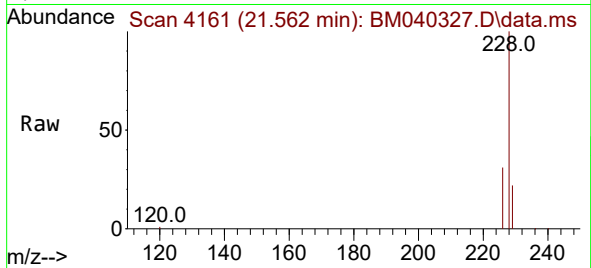
Tgt Ion:228 Resp: 462916

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 22.4 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 6.879 ng/ul

RT: 23.210 min Scan# 4725

Delta R.T. -0.006 min

Lab File: BM040327.D

Acq: 19 Jun 2023 23:34

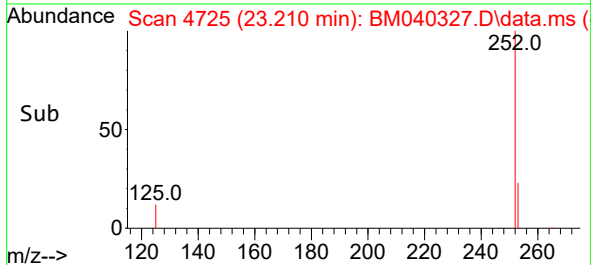
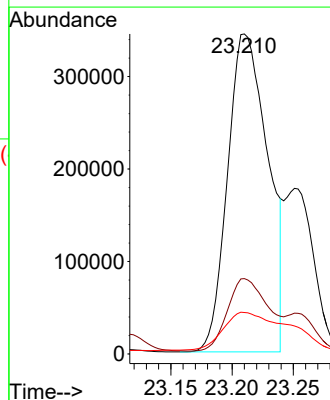
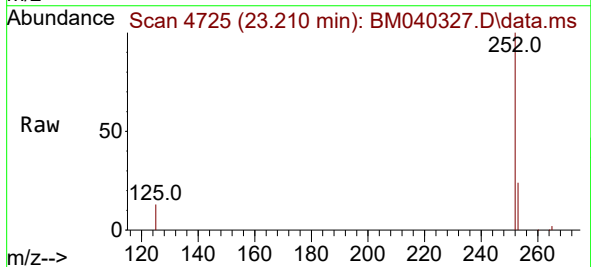
Tgt Ion:252 Resp: 786716

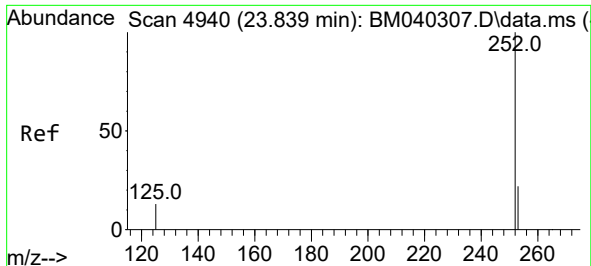
Ion Ratio Lower Upper

252 100

253 23.5 0.0 52.4

125 12.9 0.0 38.4

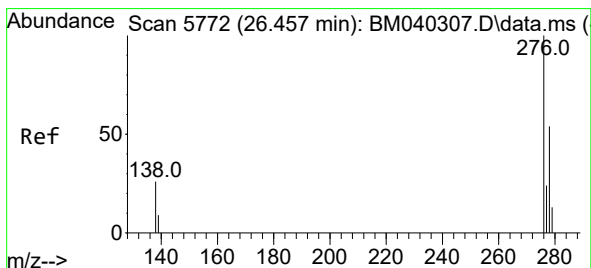
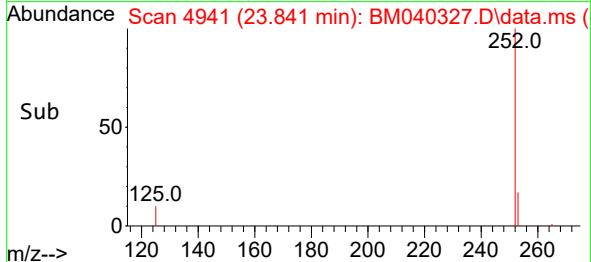
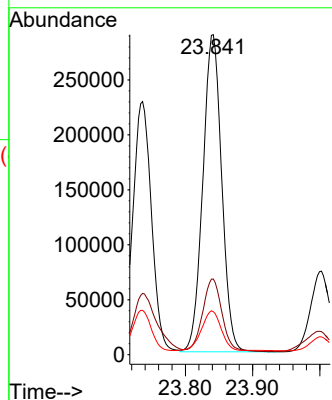
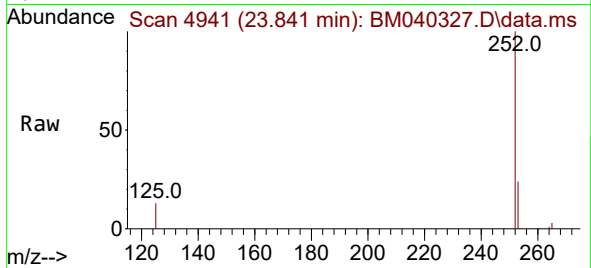




#26
Benzo(a)pyrene
Concen: 5.989 ng/ul
RT: 23.841 min Scan# 4940
Delta R.T. -0.009 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

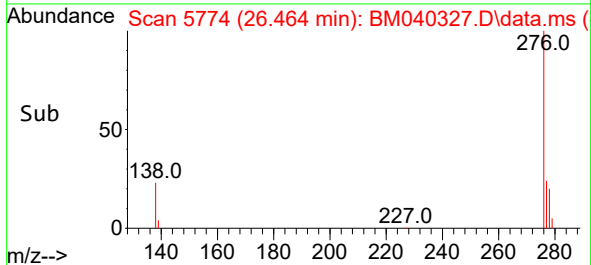
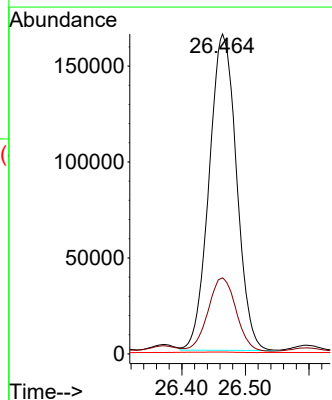
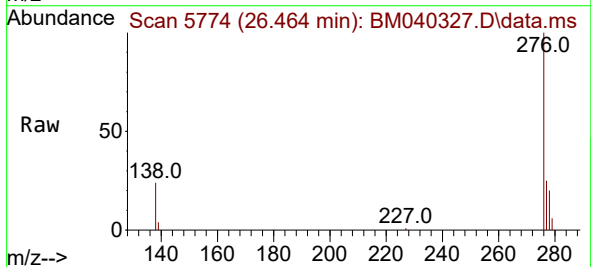
Instrument :
BNA_M
ClientSampleId :
DCFJ7DL

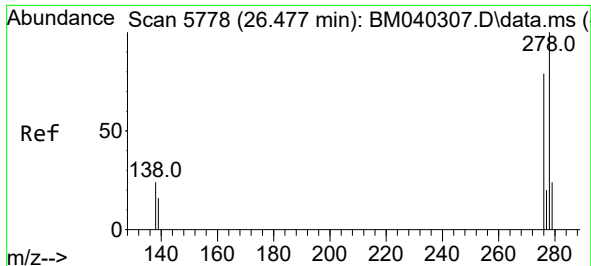
Tgt Ion:252 Resp: 562032
Ion Ratio Lower Upper
252 100
253 23.6 23.4 35.0
125 13.4 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.154 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

Tgt Ion:276 Resp: 493431
Ion Ratio Lower Upper
276 100
138 23.7 23.3 34.9
227 0.3 0.1 0.1#

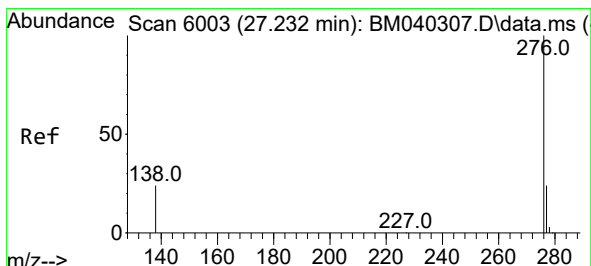
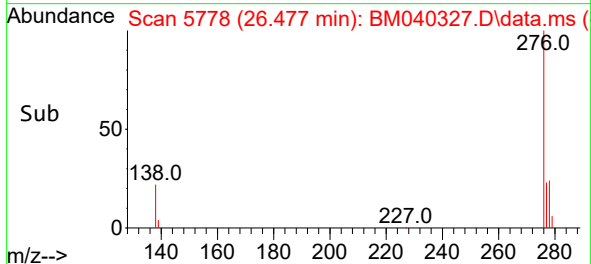
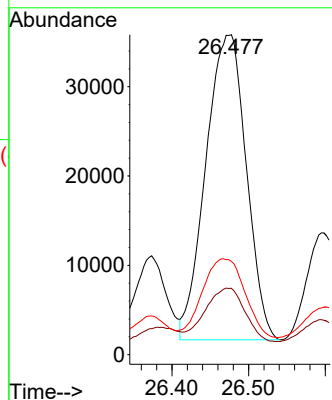
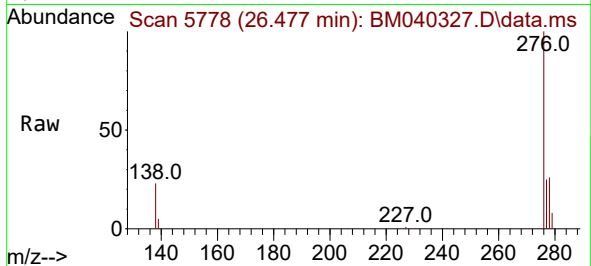




#28
Dibenzo(a,h)anthracene
Concen: 1.315 ng/ul
RT: 26.477 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

Instrument :
BNA_M
ClientSampleId :
DCFJ7DL

Tgt Ion:278 Resp: 125365
Ion Ratio Lower Upper
278 100
139 20.8 16.4 24.6
279 29.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 4.977 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.013 min
Lab File: BM040327.D
Acq: 19 Jun 2023 23:34

Tgt Ion:276 Resp: 493846
Ion Ratio Lower Upper
276 100
138 24.5 21.0 31.4
277 24.1 19.6 29.4

