

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038078.D
 Acq On : 16 Dec 2022 21:58
 Operator : CG/JU
 Sample : N5925-17
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC6

Quant Time: Dec 16 23:22:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

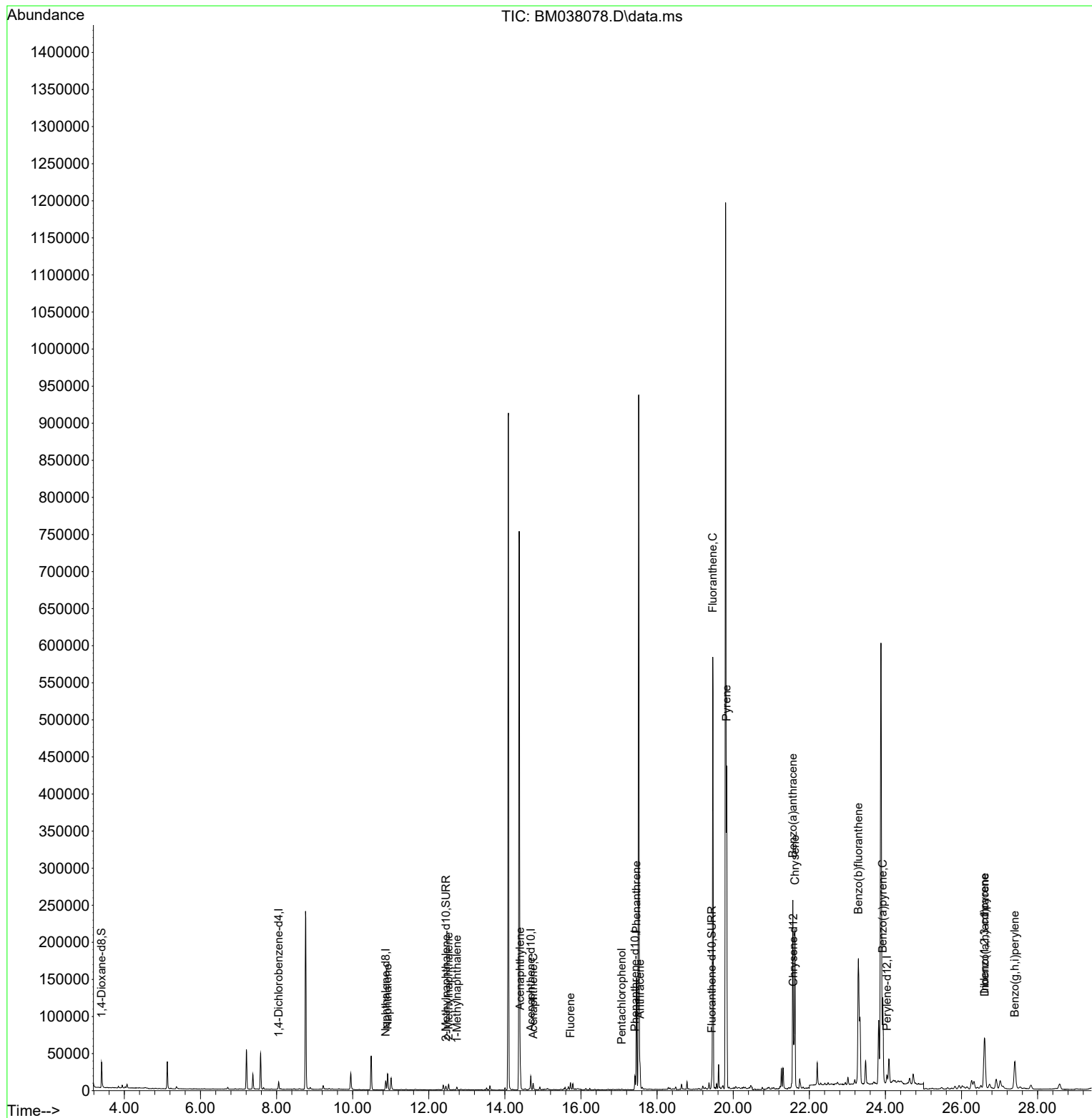
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4924	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	15867	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	9604	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	20804	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	16784	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	15454	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	22567	3.353	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.451	152	6113	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	13931	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	28583	0.595	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	5271	0.178	ng/ul	100
8) 1-Methylnaphthalene	12.737	142	2445	0.081	ng/ul	98
10) Acenaphthylene	14.402	152	35401	0.703	ng/ul	99
11) Acenaphthene	14.745	153	4498	0.118	ng/ul	97
12) Fluorene	15.725	166	5804	0.137	ng/ul	99
14) Pentachlorophenol	17.071	266	554	0.064	ng/ul	99
15) Phenanthrene	17.459	178	153777	2.195	ng/ul	99
16) Anthracene	17.552	178	32757	0.506	ng/ul	100
19) Fluoranthene	19.464	202	466629	5.383	ng/ul	96
20) Pyrene	19.826	202	337202	3.810	ng/ul	97
21) Benzo(a)anthracene	21.565	228	212310	2.928	ng/ul	99
22) Chrysene	21.621	228	206943	2.829	ng/ul	98
24) Benzo(b)fluoranthene	23.290	252	296361	4.044	ng/ul	92
26) Benzo(a)pyrene	23.930	252	158917	2.575	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.605	276	118056	1.524	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.612	278	29268	0.485	ng/ul	97
29) Benzo(g,h,i)perylene	27.400	276	80316	1.220	ng/ul	96

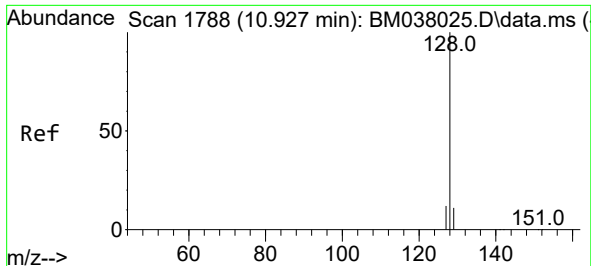
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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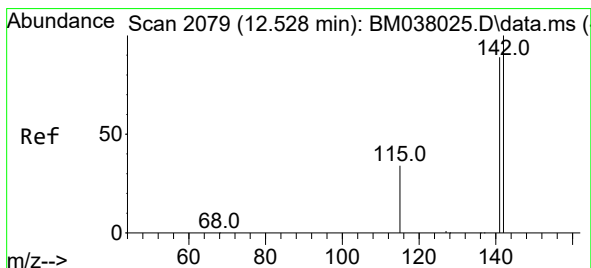
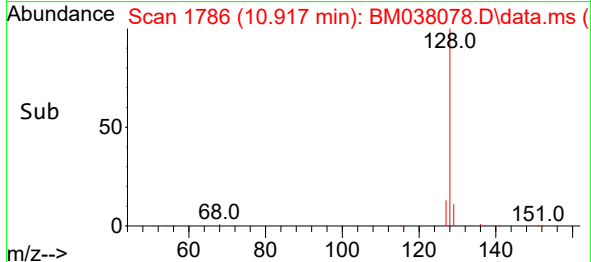
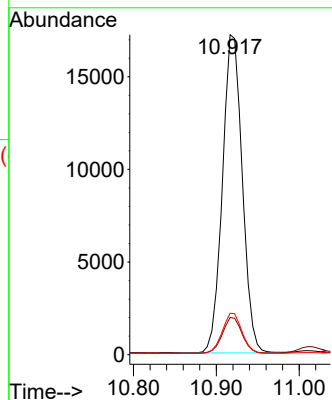
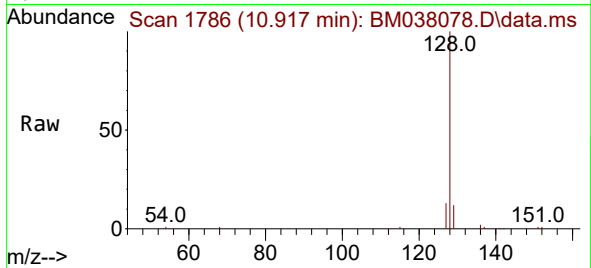




#5
Naphthalene
Concen: 0.595 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. -0.011 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

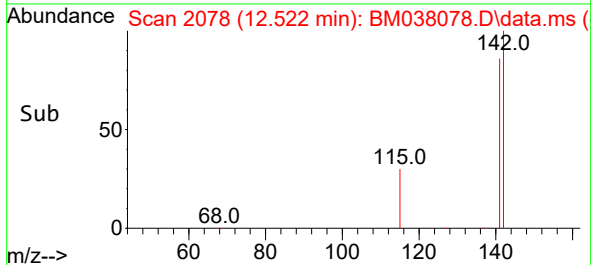
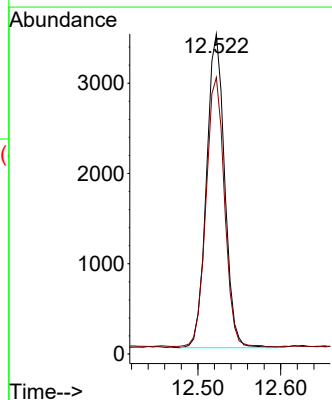
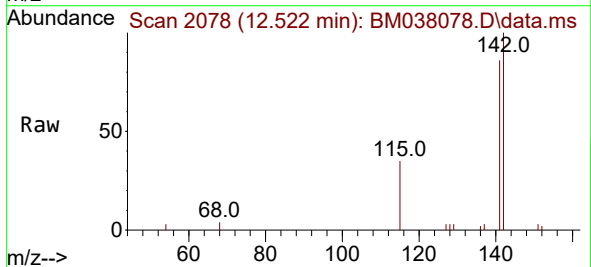
Instrument :
BNA_M
ClientSampleId :
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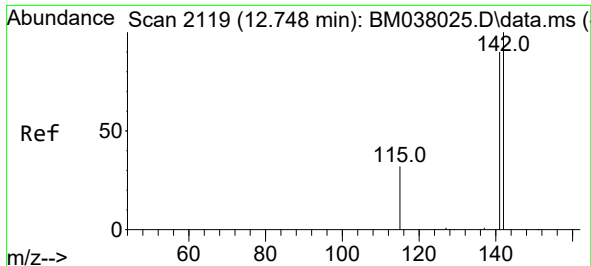
Tgt Ion:128 Resp: 28583
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.0 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.178 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

Tgt Ion:142 Resp: 5271
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6

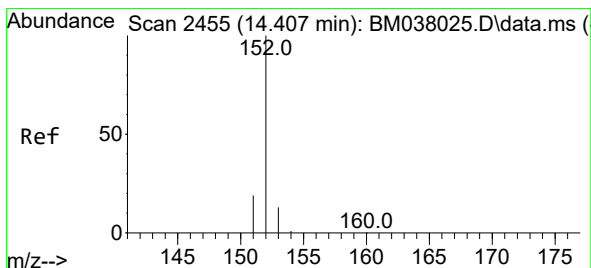
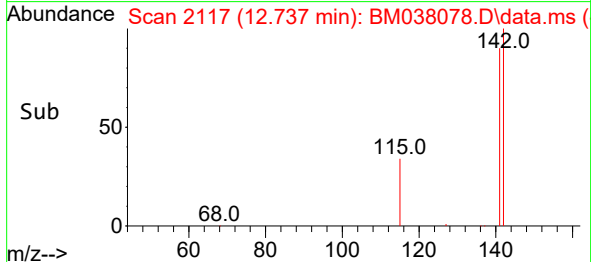
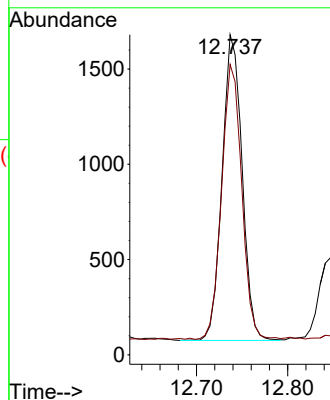
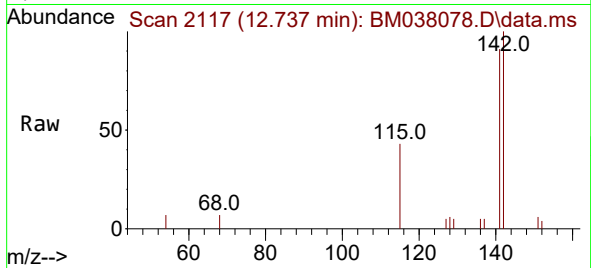




#8
1-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

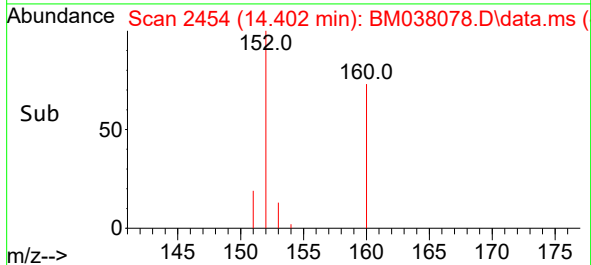
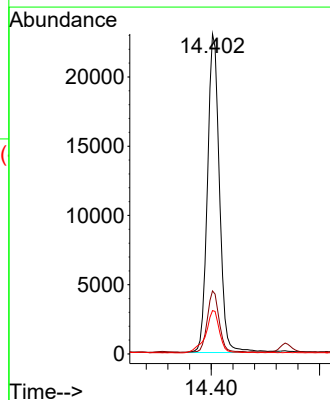
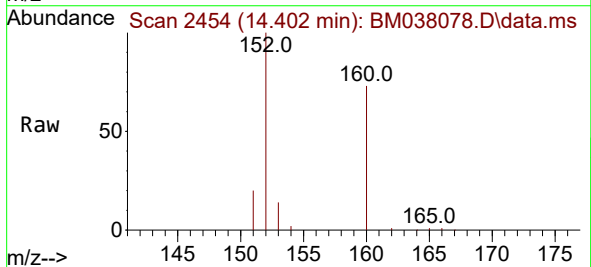
Instrument :
BNA_M
ClientSampleId :
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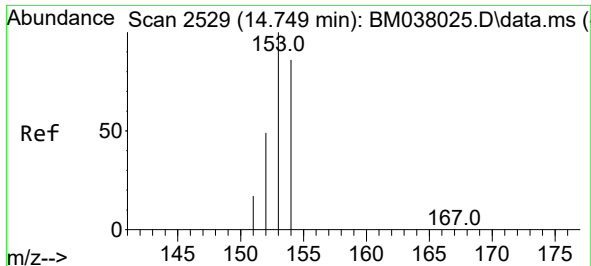
Tgt Ion:142 Resp: 2445
Ion Ratio Lower Upper
142 100
141 90.4 73.6 110.4



#10
Acenaphthylene
Concen: 0.703 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

Tgt Ion:152 Resp: 35401
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.6 11.0 16.4

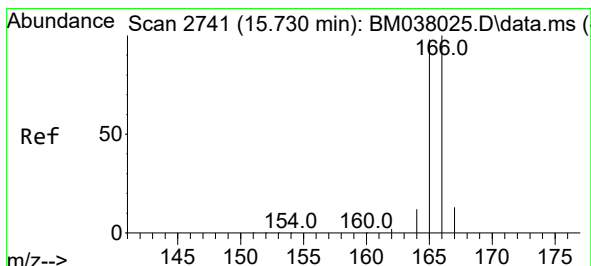
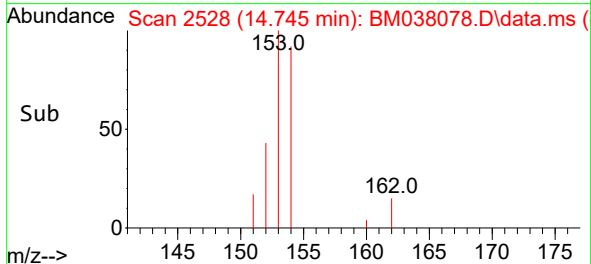
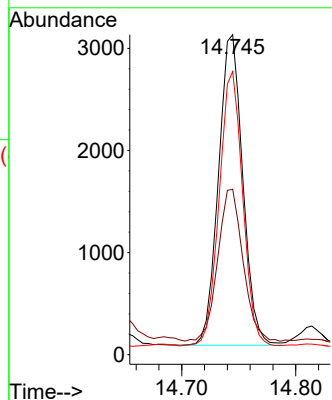
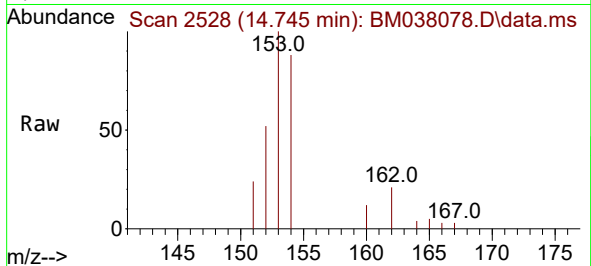




#11
Acenaphthene
Concen: 0.118 ng/ul
RT: 14.745 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

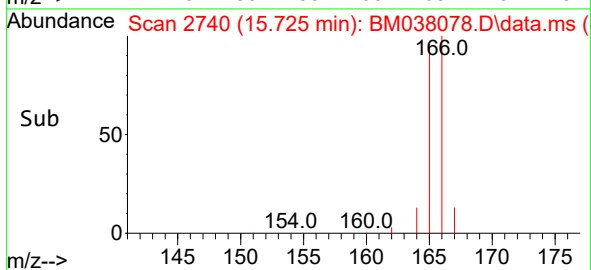
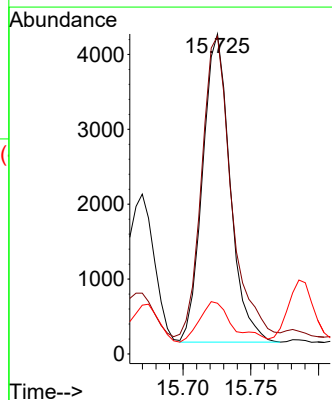
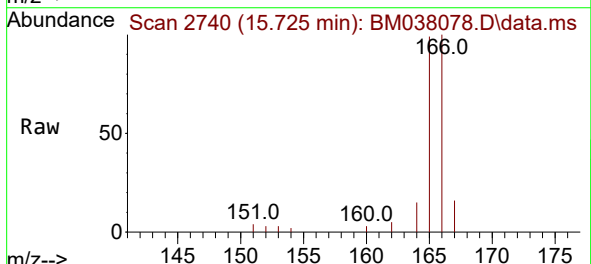
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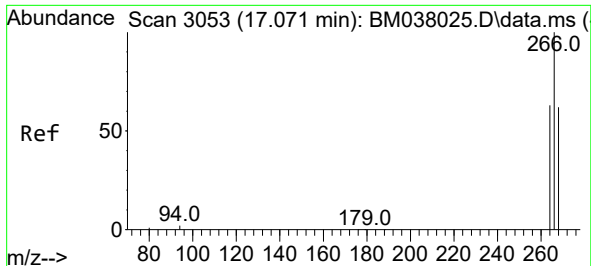
Tgt Ion:153 Resp: 4498
Ion Ratio Lower Upper
153 100
152 51.7 39.5 59.3
154 88.4 69.2 103.8



#12
Fluorene
Concen: 0.137 ng/ul
RT: 15.725 min Scan# 2740
Delta R.T. -0.005 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

Tgt Ion:166 Resp: 5804
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.4
167 15.9 11.1 16.7

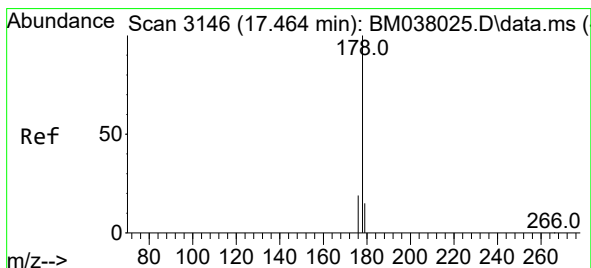
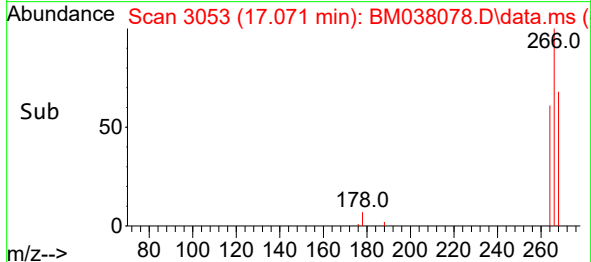
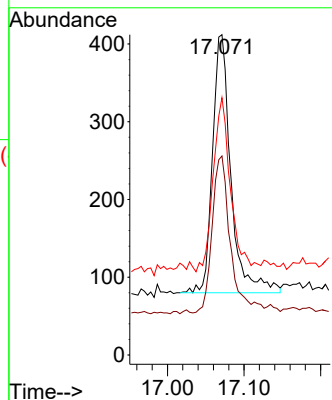
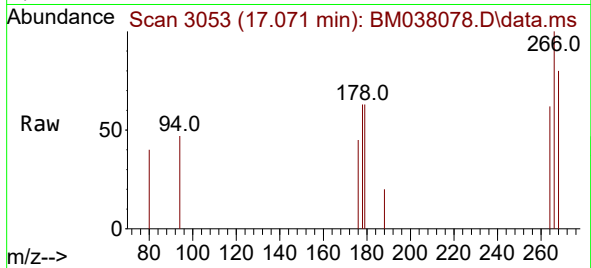




#14
Pentachlorophenol
Concen: 0.064 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

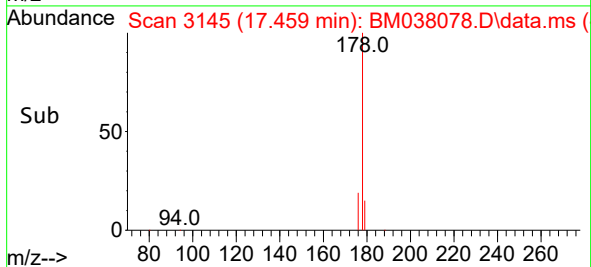
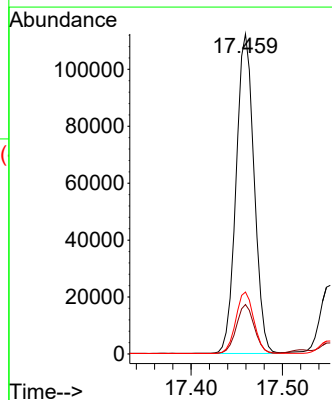
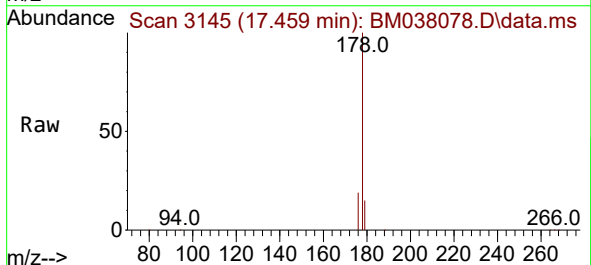
Instrument :
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ClientSampleId :
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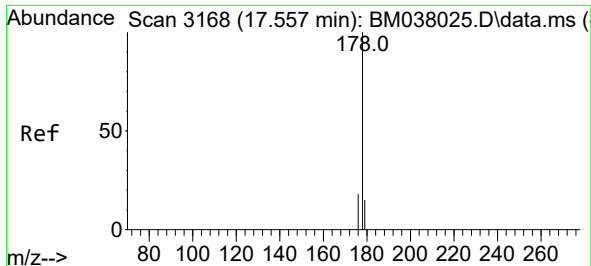
Tgt Ion:266 Resp: 554
Ion Ratio Lower Upper
266 100
264 61.9 49.9 74.9
268 64.4 52.0 78.0



#15
Phenanthrene
Concen: 2.195 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

Tgt Ion:178 Resp: 153777
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6

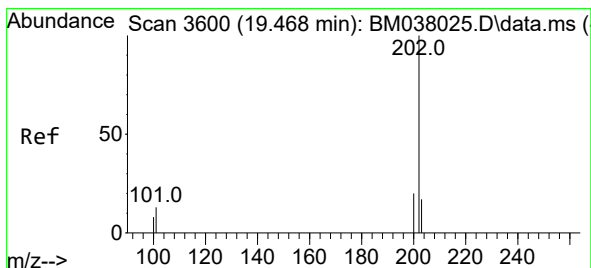
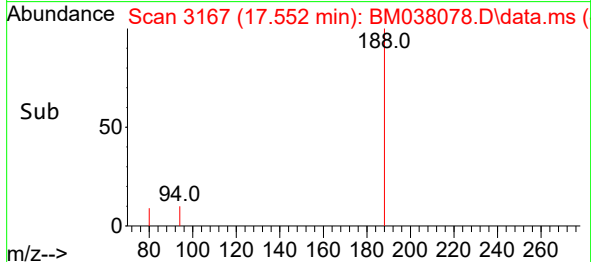
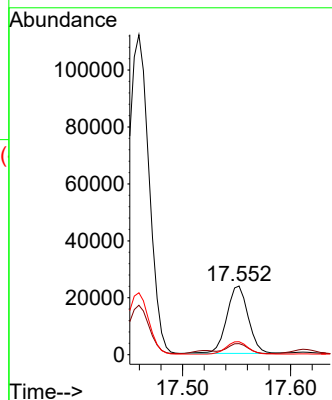
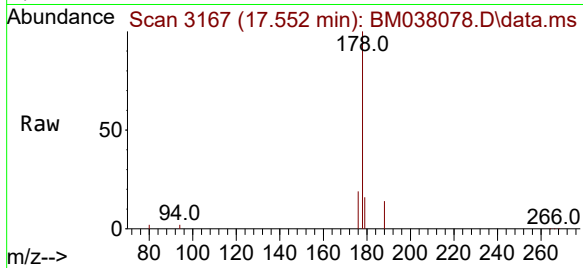




#16
 Anthracene
 Concen: 0.506 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038078.D
 Acq: 16 Dec 2022 21:58

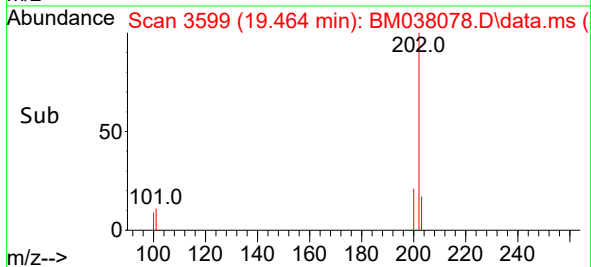
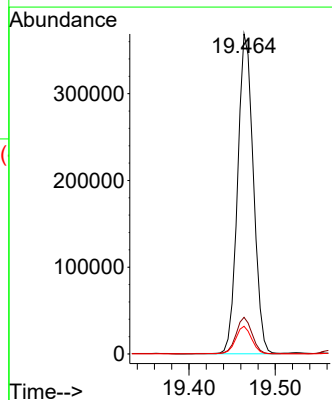
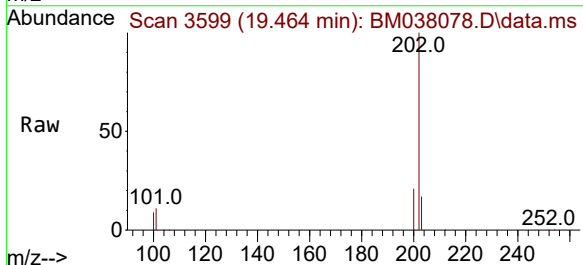
Instrument :
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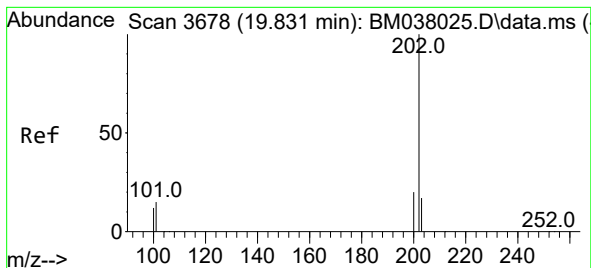
Tgt Ion:178 Resp: 32757
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.0 19.4
 176 19.0 15.0 22.4



#19
 Fluoranthene
 Concen: 5.383 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038078.D
 Acq: 16 Dec 2022 21:58

Tgt Ion:202 Resp: 466629
 Ion Ratio Lower Upper
 202 100
 101 11.4 10.6 15.8
 100 8.7 7.9 11.9





#20

Pyrene

Concen: 3.810 ng/ul

RT: 19.826 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM038078.D

Acq: 16 Dec 2022 21:58

Instrument :

BNA_M

ClientSampleId :

DBYC6

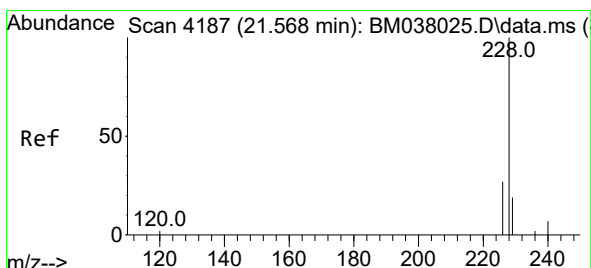
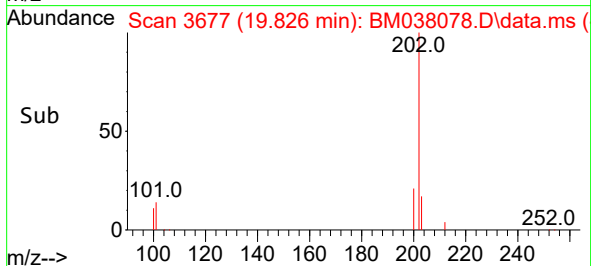
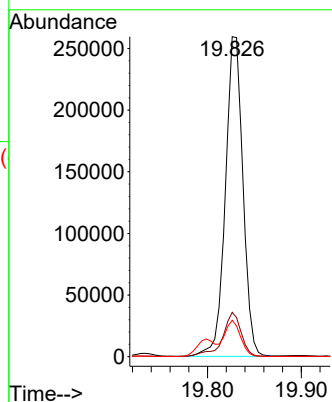
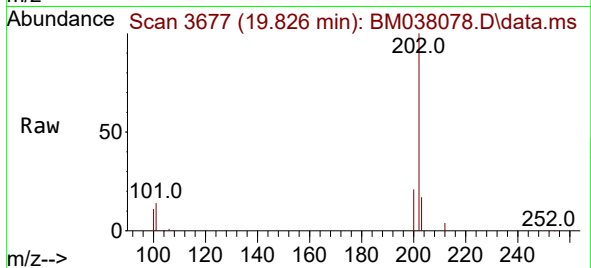
Tgt Ion:202 Resp: 337202

Ion Ratio Lower Upper

202 100

101 13.8 12.1 18.1

100 11.3 9.8 14.6



#21

Benzo(a)anthracene

Concen: 2.928 ng/ul

RT: 21.565 min Scan# 4186

Delta R.T. -0.003 min

Lab File: BM038078.D

Acq: 16 Dec 2022 21:58

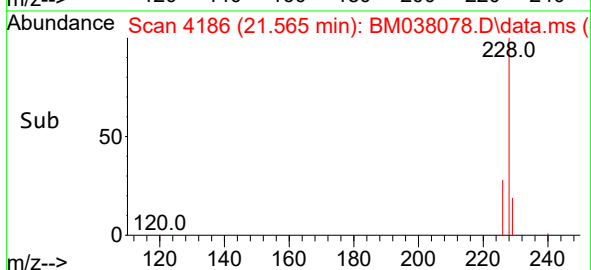
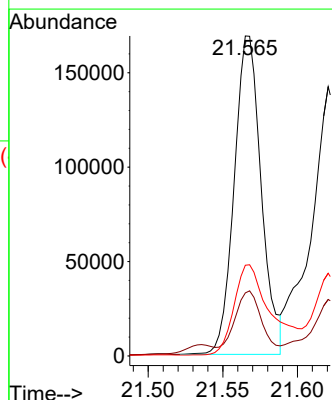
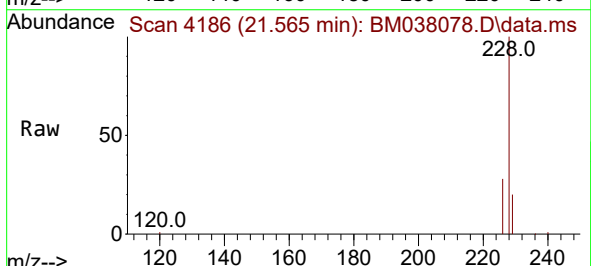
Tgt Ion:228 Resp: 212310

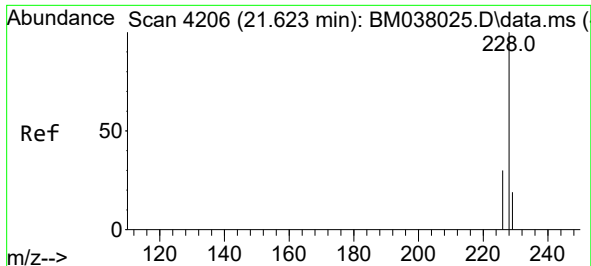
Ion Ratio Lower Upper

228 100

229 19.7 15.9 23.9

226 28.4 22.1 33.1

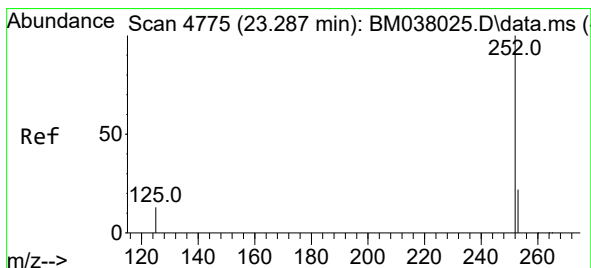
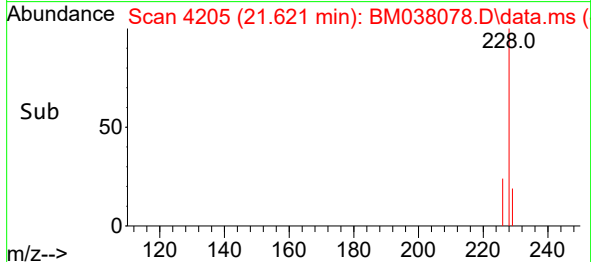
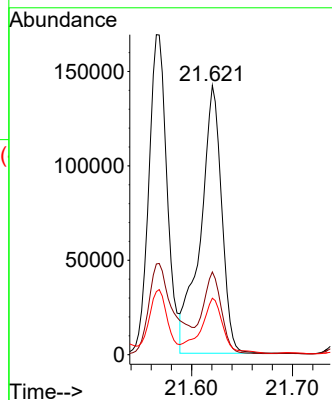
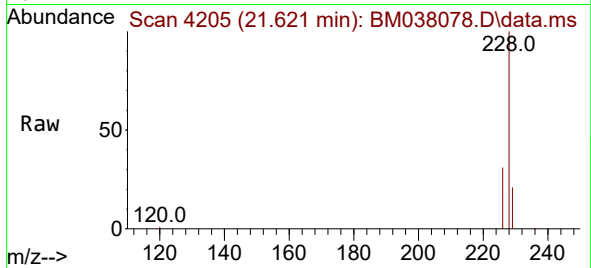




#22
Chrysene
Concen: 2.829 ng/ul
RT: 21.621 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

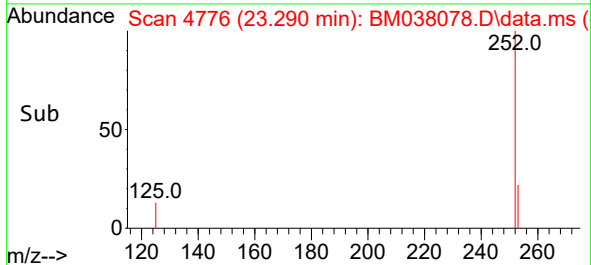
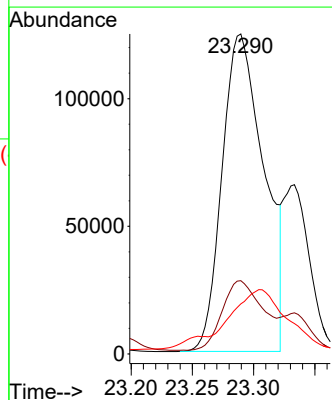
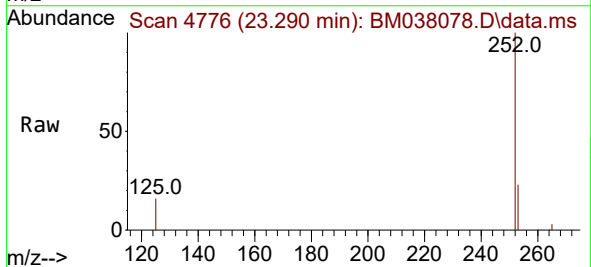
Instrument :
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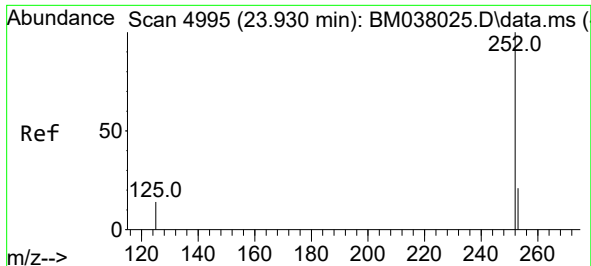
Tgt Ion:228 Resp: 206943
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.0 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 4.044 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. 0.003 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

Tgt Ion:252 Resp: 296361
Ion Ratio Lower Upper
252 100
253 22.9 0.0 51.8
125 15.6 0.0 42.2

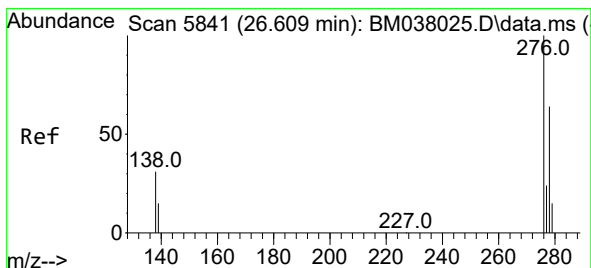
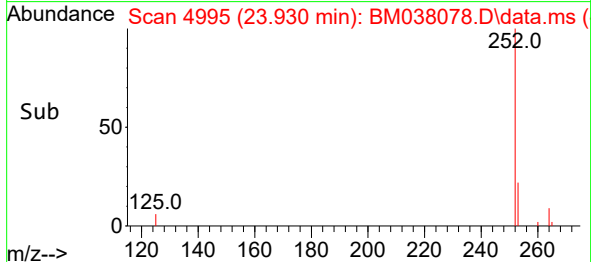
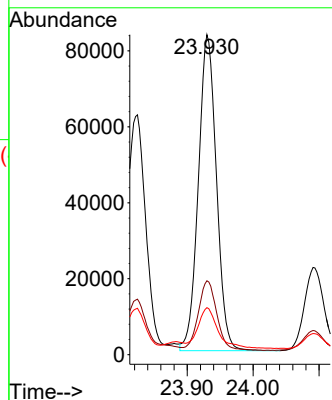
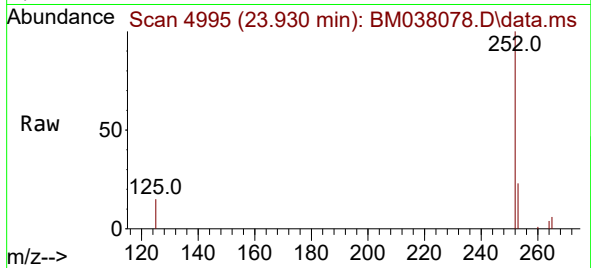




#26
Benzo(a)pyrene
Concen: 2.575 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

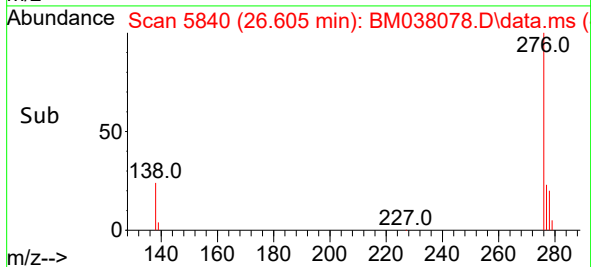
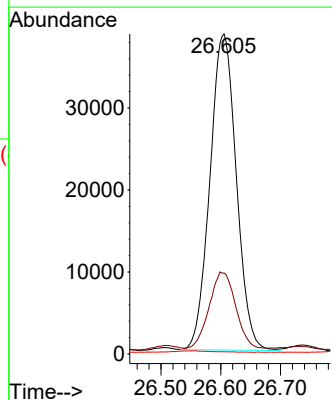
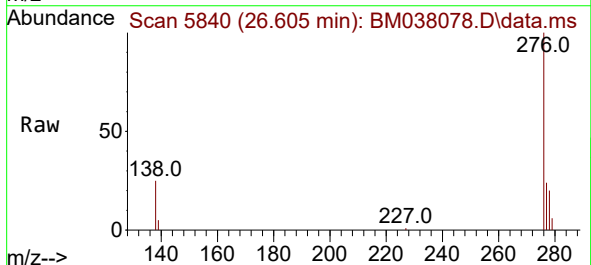
Instrument :
BNA_M
ClientSampleId :
DBYC6

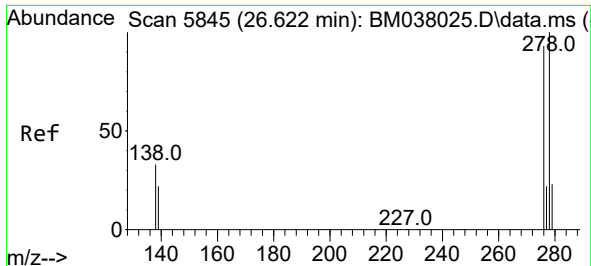
Tgt Ion:252 Resp: 158917
Ion Ratio Lower Upper
252 100
253 23.1 21.9 32.9
125 14.7 20.7 31.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.524 ng/ul
RT: 26.605 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

Tgt Ion:276 Resp: 118056
Ion Ratio Lower Upper
276 100
138 25.3 26.6 40.0#
227 0.0 0.1 0.1#

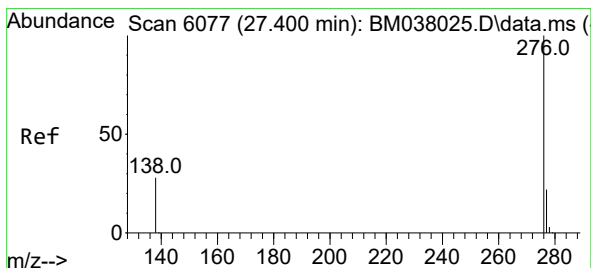
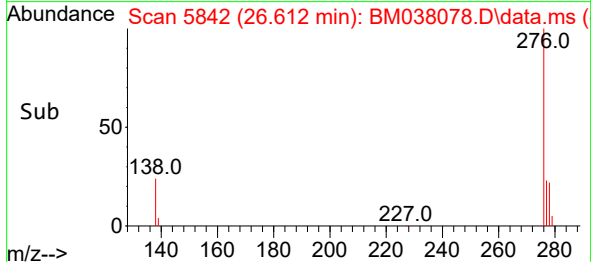
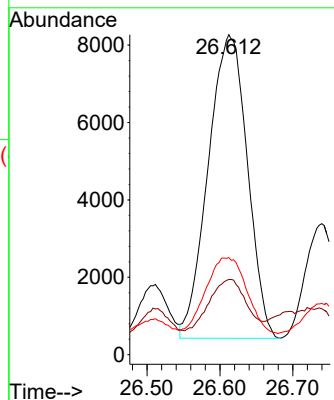
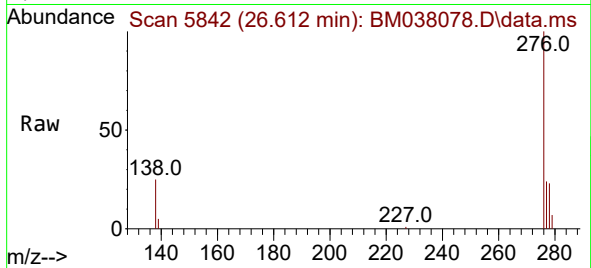




#28
Dibenzo(a,h)anthracene
Concen: 0.485 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.010 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

Instrument :
BNA_M
ClientSampleId :
DBYC6

Tgt Ion:278 Resp: 29268
Ion Ratio Lower Upper
278 100
139 23.5 19.0 28.6
279 30.3 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 1.220 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038078.D
Acq: 16 Dec 2022 21:58

Tgt Ion:276 Resp: 80316
Ion Ratio Lower Upper
276 100
138 26.6 24.1 36.1
277 24.3 19.0 28.6

