

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038061.D
 Acq On : 16 Dec 2022 10:30
 Operator : CG/JU
 Sample : N5925-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXP3

Quant Time: Dec 16 11:13:23 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)

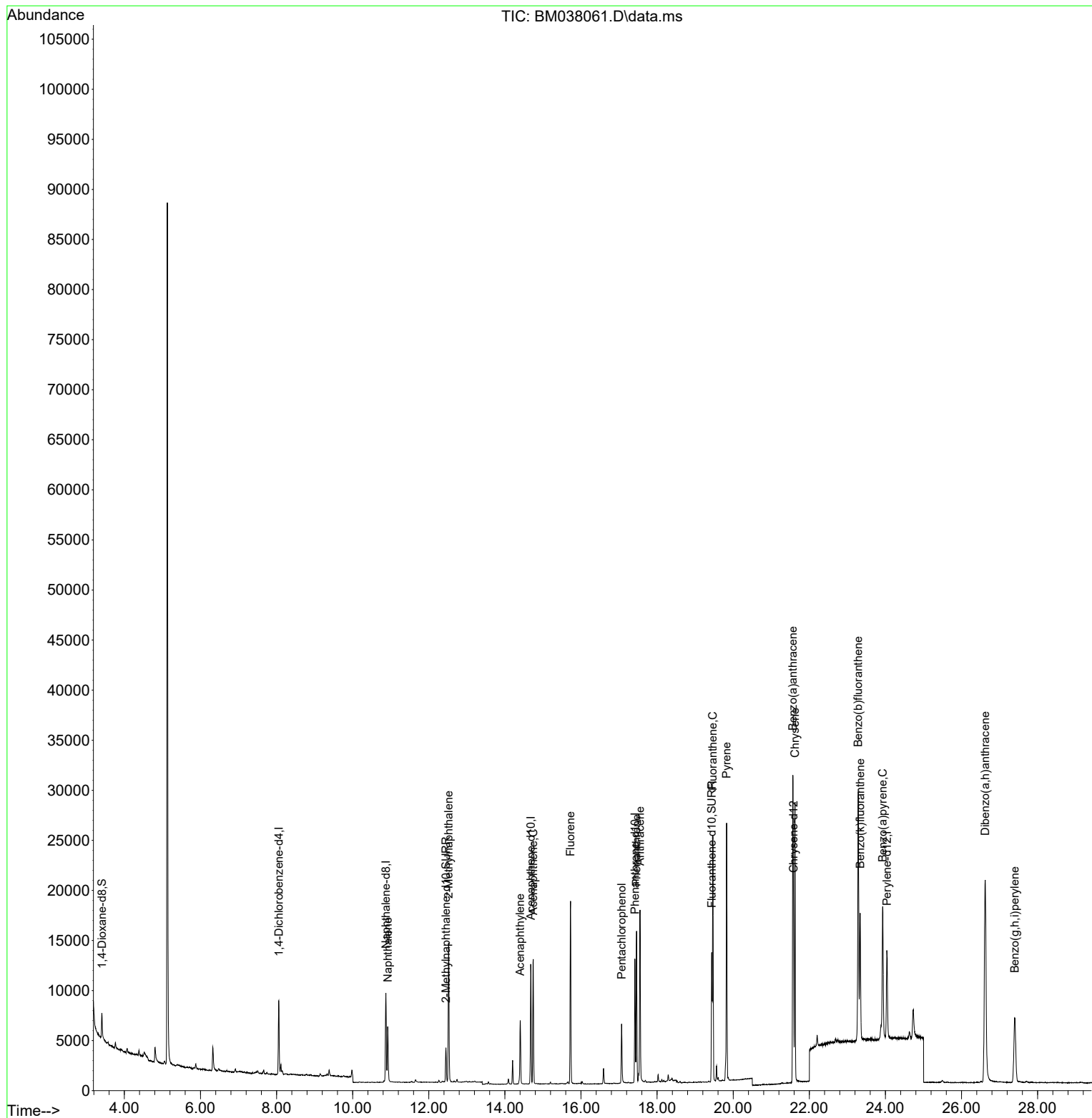
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4004	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	11863	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	6185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	13927	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	11762	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	12598	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2263	0.414	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	4354	0.251	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	12875	0.302	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.922	128	7443	0.207	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	9852	0.446	ng/ul	99
10) Acenaphthylene	14.402	152	7173	0.221	ng/ul	97
11) Acenaphthene	14.745	153	7011	0.285	ng/ul	98
12) Fluorene	15.726	166	11289	0.415	ng/ul	99
14) Pentachlorophenol	17.067	266	4015	0.696	ng/ul	100
15) Phenanthrene	17.460	178	15359	0.327	ng/ul	99
16) Anthracene	17.552	178	18701	0.431	ng/ul	99
19) Fluoranthene	19.464	202	20242	0.333	ng/ul	98
20) Pyrene	19.826	202	20425	0.329	ng/ul	99
21) Benzo(a)anthracene	21.568	228	24791	0.488	ng/ul	99
22) Chrysene	21.624	228	23873	0.466	ng/ul	99
24) Benzo(b)fluoranthene	23.284	252	32666	0.547	ng/ul	96
25) Benzo(k)fluoranthene	23.336	252	16600	0.288	ng/ul	98
26) Benzo(a)pyrene	23.927	252	20487	0.407	ng/ul	97
28) Dibenzo(a,h)anthracene	26.622	278	33379	0.678	ng/ul	97
29) Benzo(g,h,i)perylene	27.397	276	14516	0.271	ng/ul	98

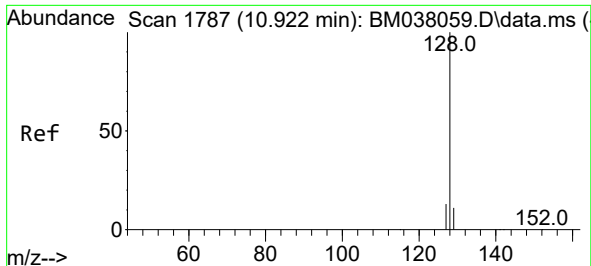
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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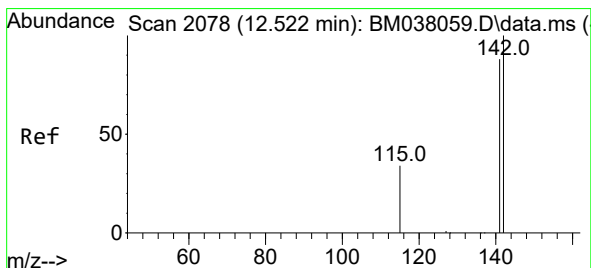
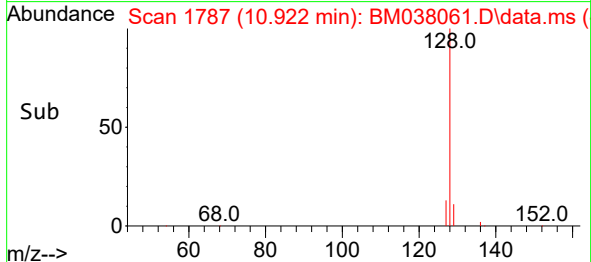
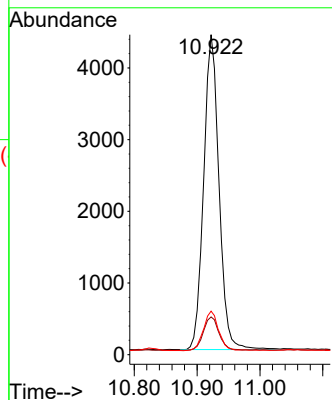
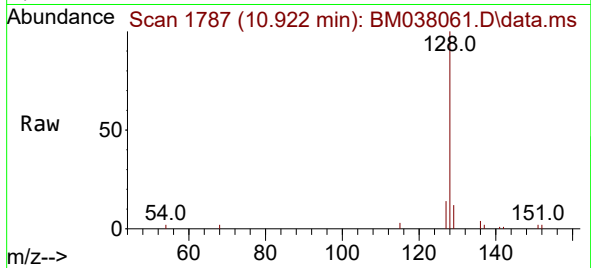




#5
Naphthalene
Concen: 0.207 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

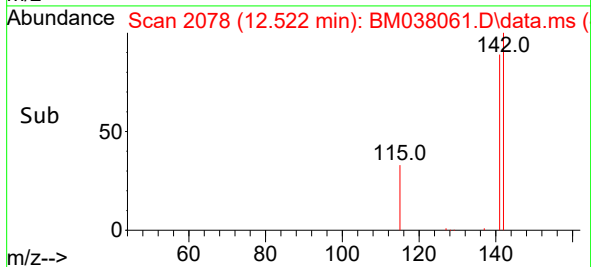
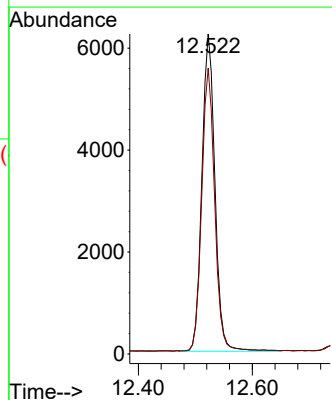
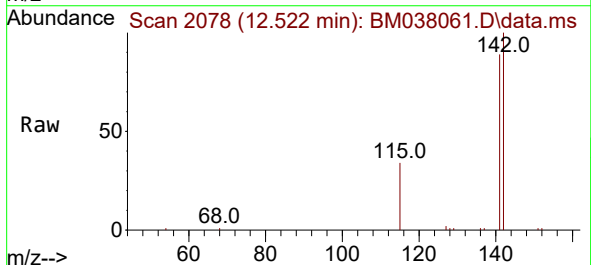
Instrument :
BNA_M
ClientSampleId :
DBXP3

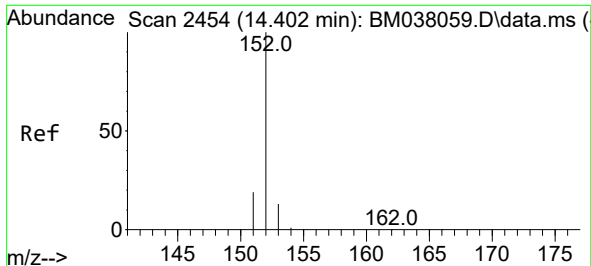
Tgt Ion:128 Resp: 7443
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.6 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

Tgt Ion:142 Resp: 9852
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6

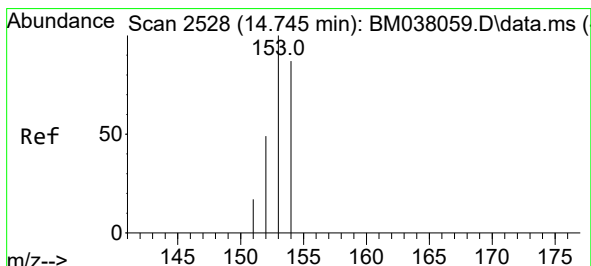
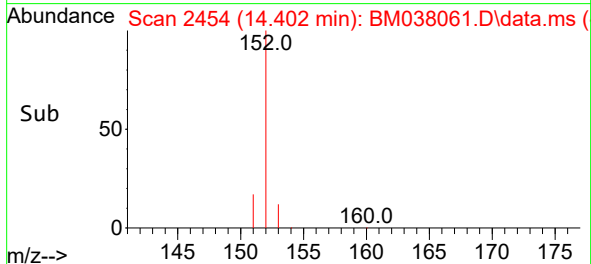
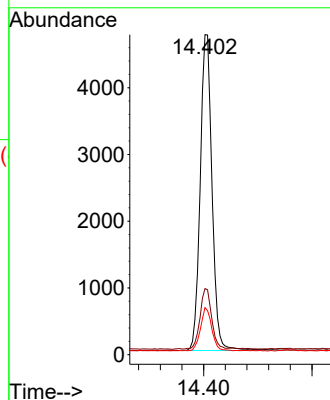
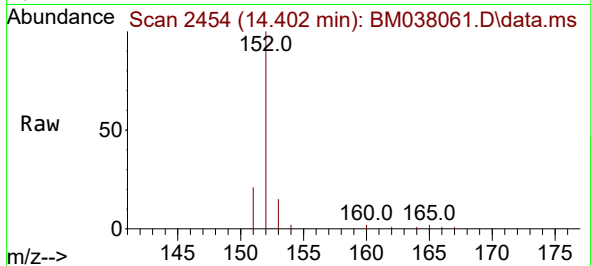




#10
Acenaphthylene
Concen: 0.221 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

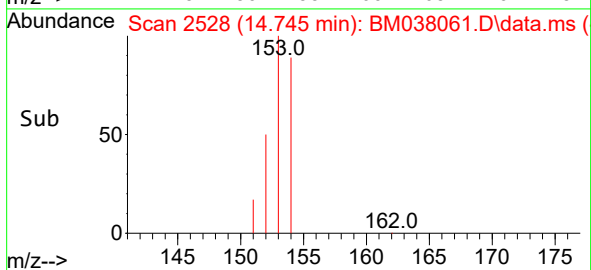
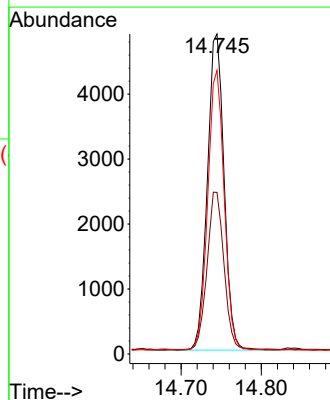
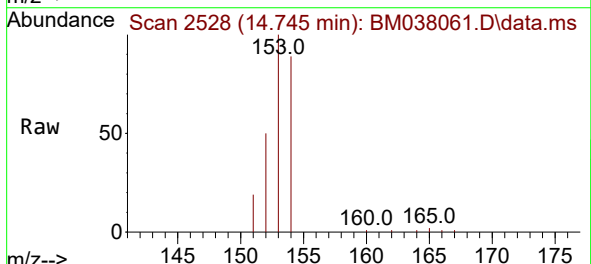
Instrument :
BNA_M
ClientSampleId :
DBXP3

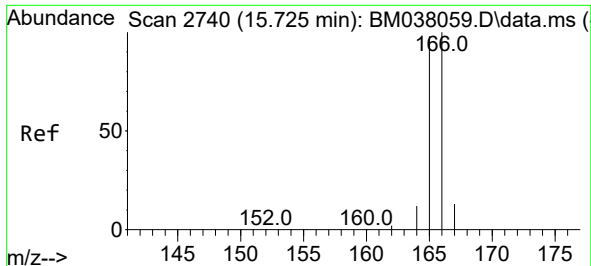
Tgt Ion:152 Resp: 7173
Ion Ratio Lower Upper
152 100
151 20.7 15.5 23.3
153 14.7 11.0 16.4



#11
Acenaphthene
Concen: 0.285 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

Tgt Ion:153 Resp: 7011
Ion Ratio Lower Upper
153 100
152 50.5 39.5 59.3
154 88.6 69.2 103.8

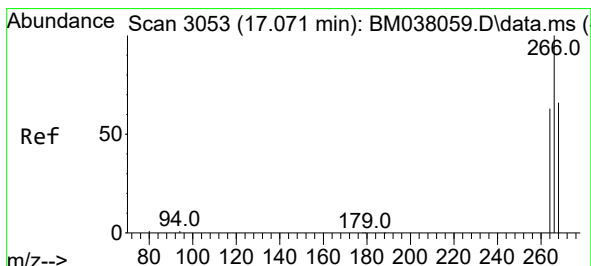
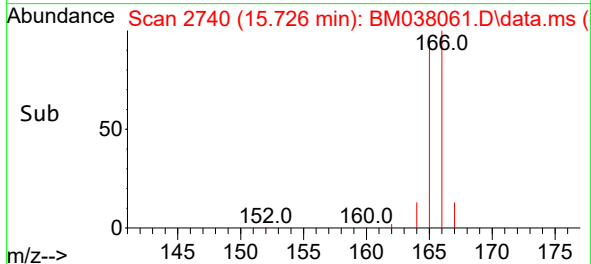
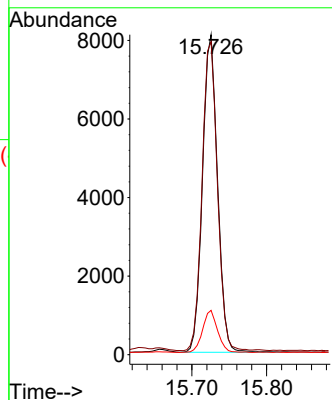
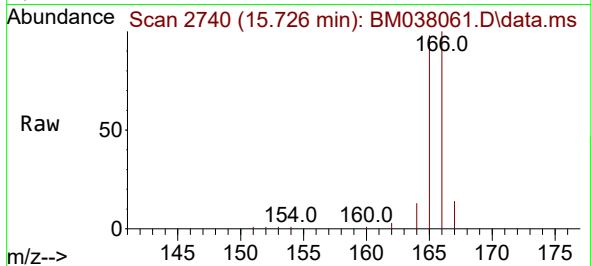




#12
Fluorene
Concen: 0.415 ng/ul
RT: 15.726 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

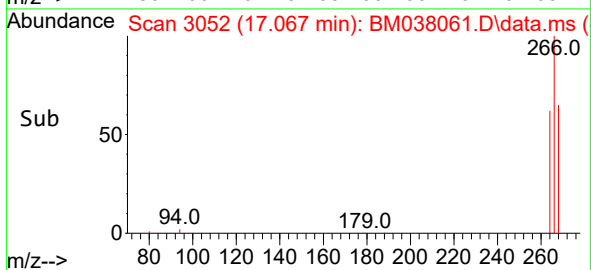
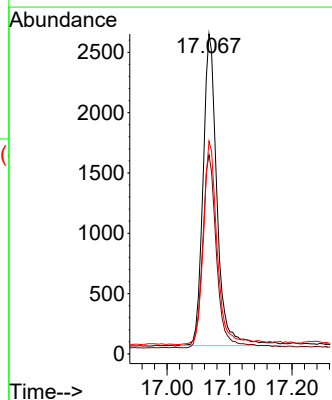
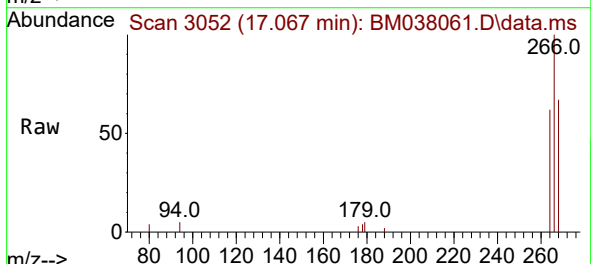
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BNA_M
ClientSampleId :
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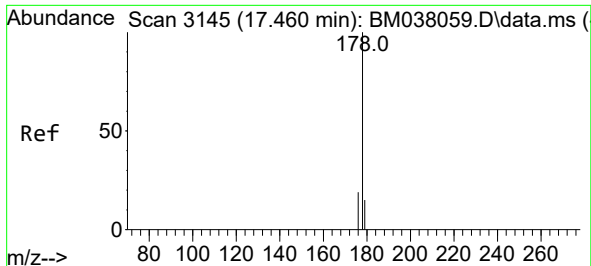
Tgt Ion:166 Resp: 11289
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.4
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.696 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

Tgt Ion:266 Resp: 4015
Ion Ratio Lower Upper
266 100
264 62.1 49.9 74.9
268 65.3 52.0 78.0

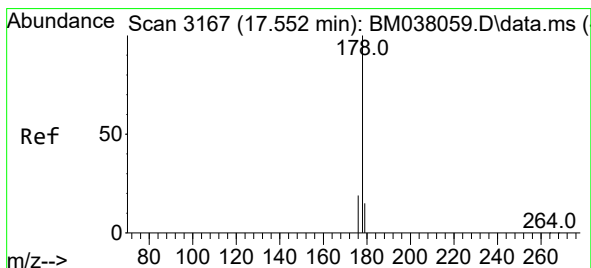
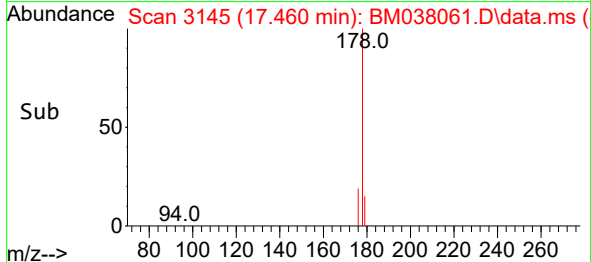
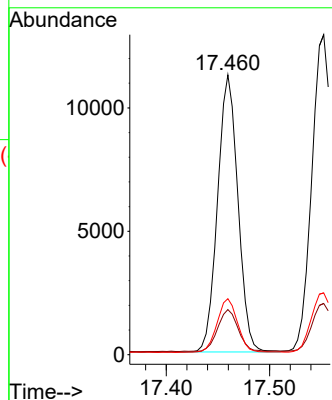
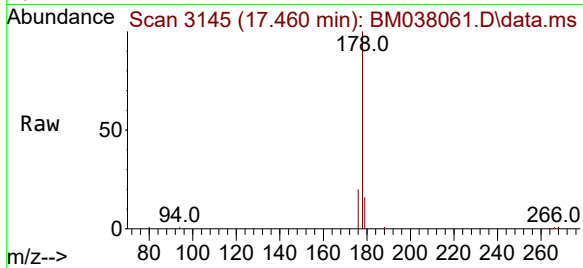




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

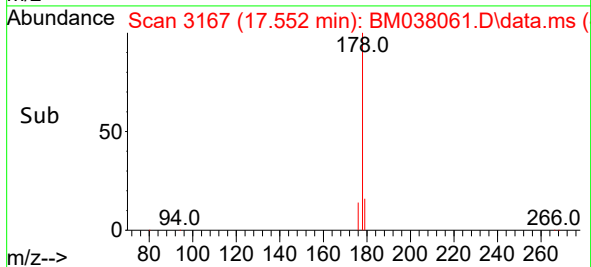
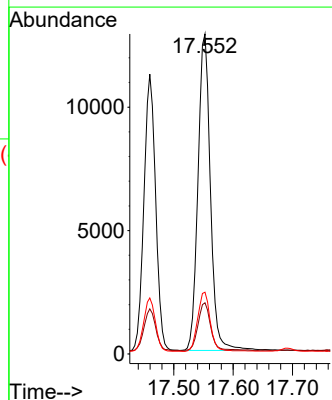
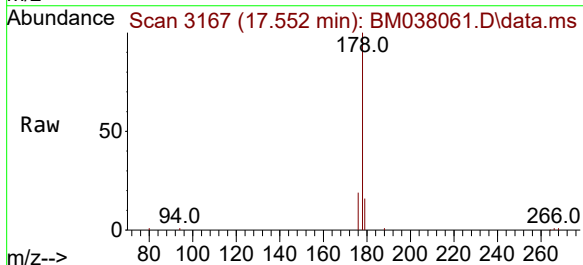
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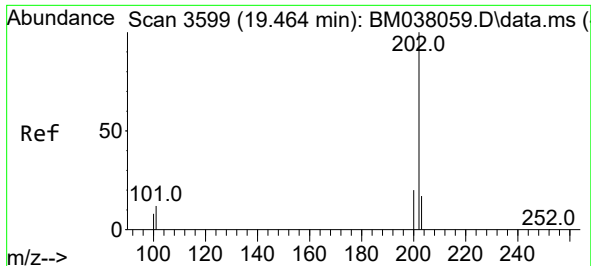
Tgt Ion:178 Resp: 15359
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.431 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

Tgt Ion:178 Resp: 18701
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.3 15.0 22.4

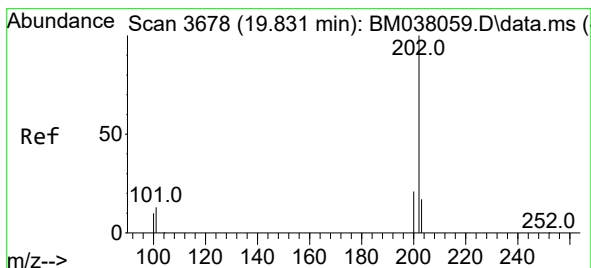
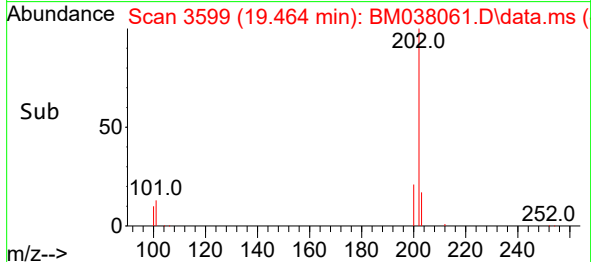
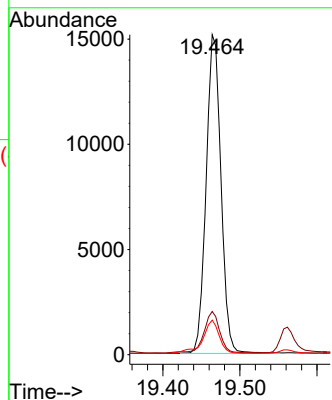
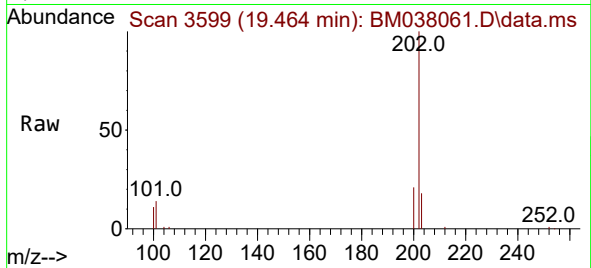




#19
Fluoranthene
Concen: 0.333 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.004 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

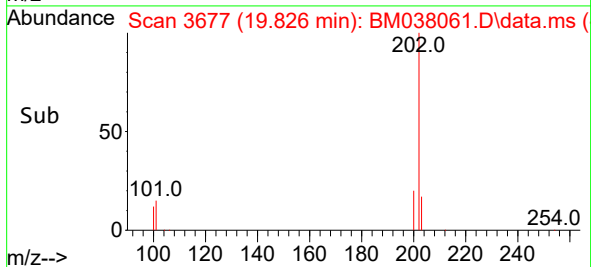
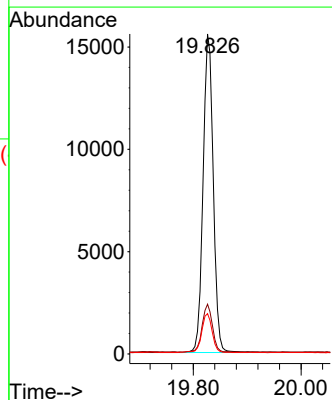
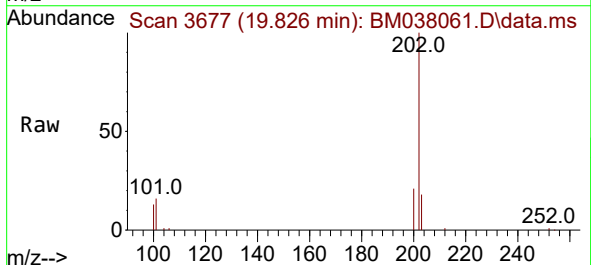
Instrument :
BNA_M
ClientSampleId :
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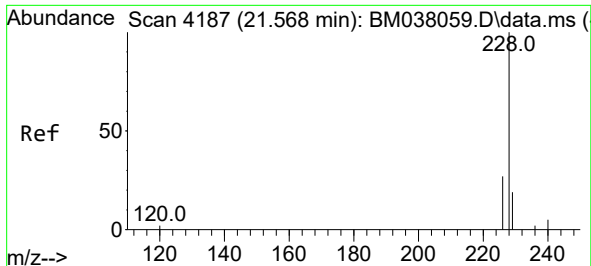
Tgt Ion:202 Resp: 20242
Ion Ratio Lower Upper
202 100
101 13.5 10.6 15.8
100 10.8 7.9 11.9



#20
Pyrene
Concen: 0.329 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. -0.004 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

Tgt Ion:202 Resp: 20425
Ion Ratio Lower Upper
202 100
101 15.6 12.1 18.1
100 12.6 9.8 14.6

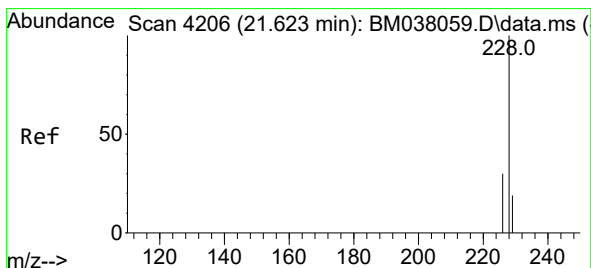
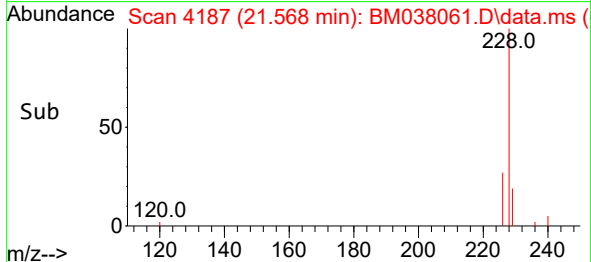
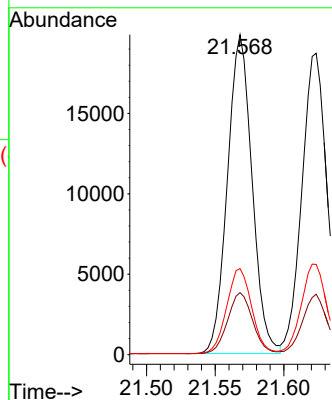
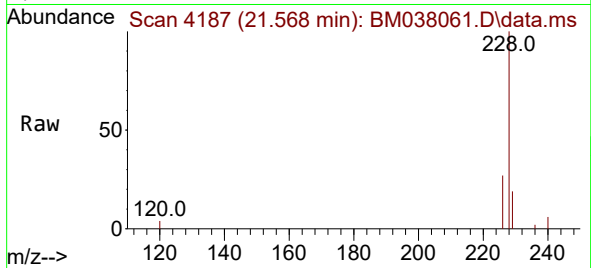




#21
Benzo(a)anthracene
Concen: 0.488 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

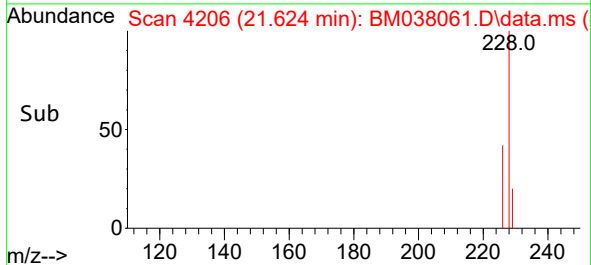
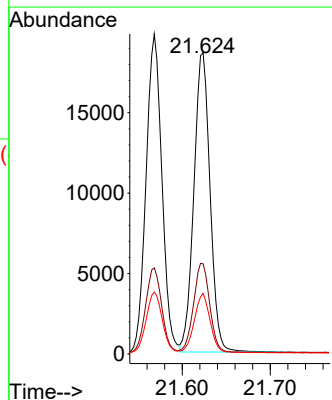
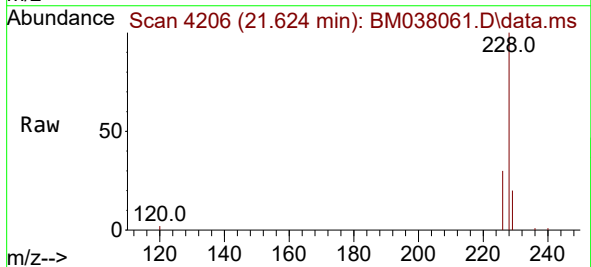
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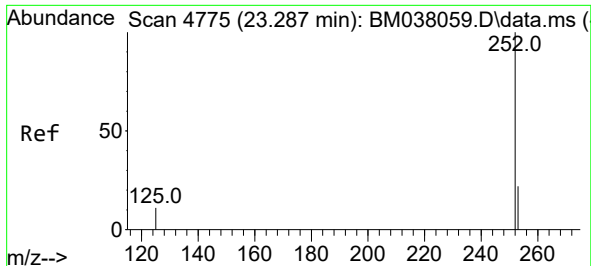
Tgt Ion:228 Resp: 24791
Ion Ratio Lower Upper
228 100
229 19.4 15.9 23.9
226 26.9 22.1 33.1



#22
Chrysene
Concen: 0.466 ng/ul
RT: 21.624 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

Tgt Ion:228 Resp: 23873
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 20.0 15.7 23.5

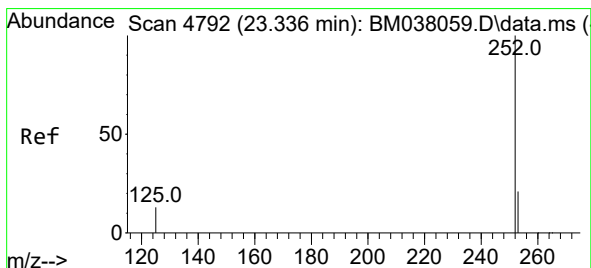
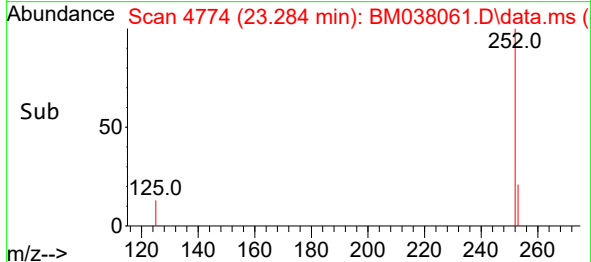
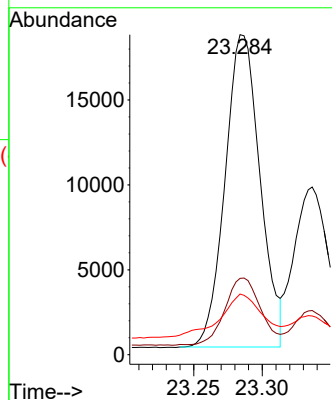
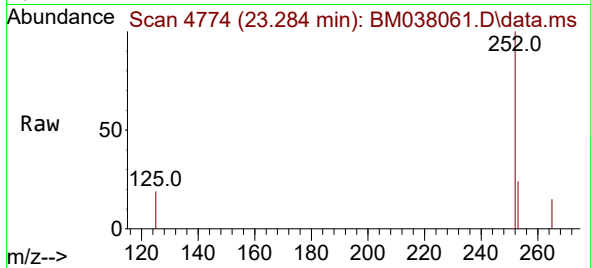




#24
Benzo(b)fluoranthene
Concen: 0.547 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

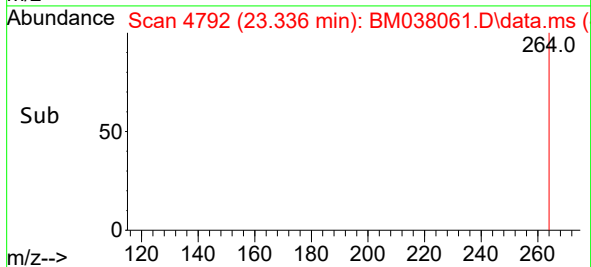
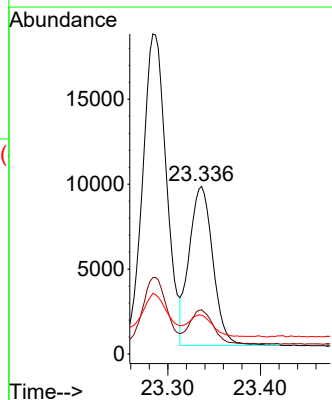
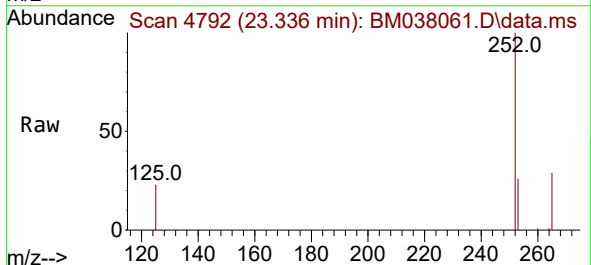
Instrument :
BNA_M
ClientSampleId :
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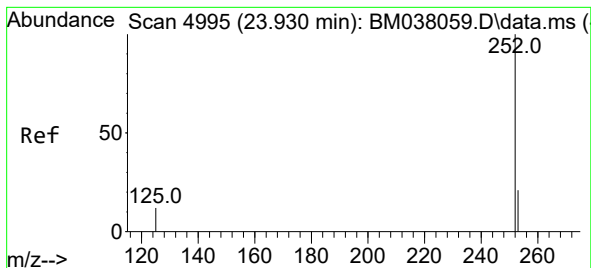
Tgt Ion:252 Resp: 32666
Ion Ratio Lower Upper
252 100
253 23.8 0.0 51.8
125 19.0 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul
RT: 23.336 min Scan# 4792
Delta R.T. 0.000 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

Tgt Ion:252 Resp: 16600
Ion Ratio Lower Upper
252 100
253 26.4 20.8 31.2
125 23.1 17.1 25.7





#26

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.927 min Scan# 4995

Delta R.T. -0.003 min

Lab File: BM038061.D

Acq: 16 Dec 2022 10:30

Instrument :

BNA_M

ClientSampleId :

DBXP3

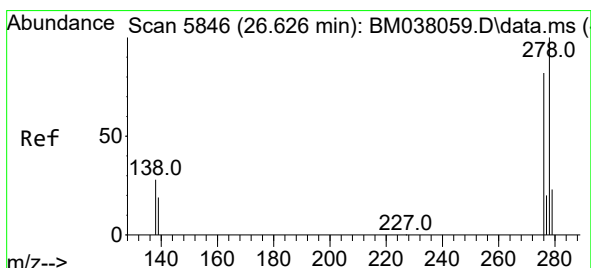
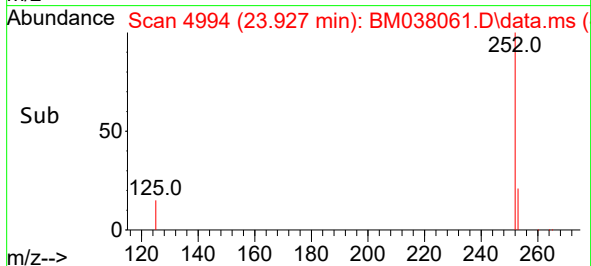
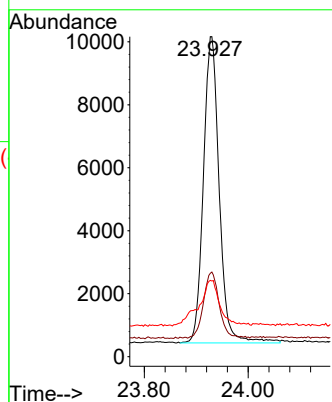
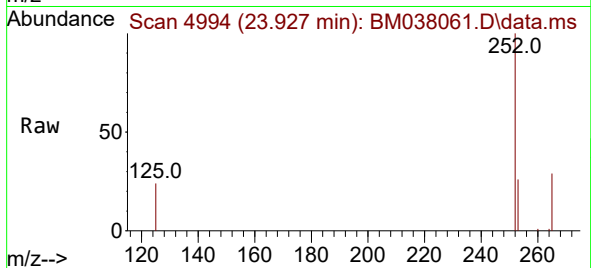
Tgt Ion:252 Resp: 20487

Ion Ratio Lower Upper

252 100

253 26.1 21.9 32.9

125 23.9 20.7 31.1



#28

Dibenzo(a,h)anthracene

Concen: 0.678 ng/ul

RT: 26.622 min Scan# 5845

Delta R.T. 0.000 min

Lab File: BM038061.D

Acq: 16 Dec 2022 10:30

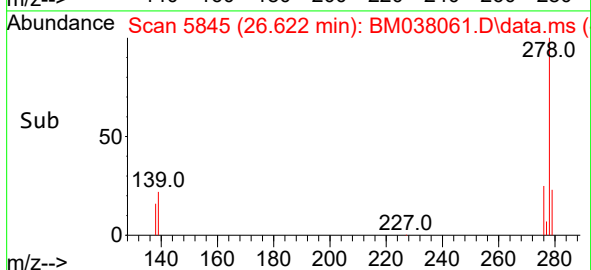
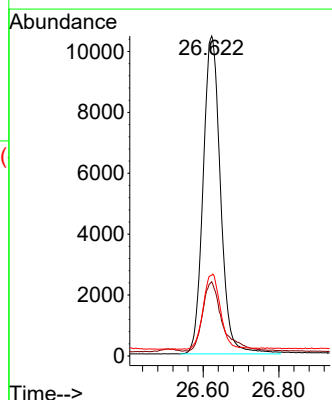
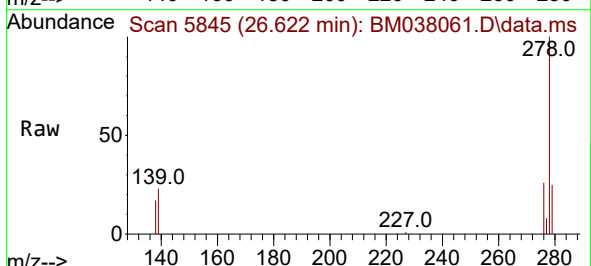
Tgt Ion:278 Resp: 33379

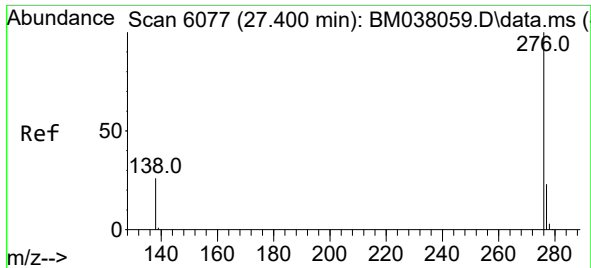
Ion Ratio Lower Upper

278 100

139 23.2 19.0 28.6

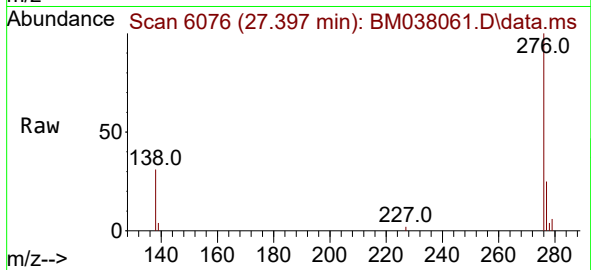
279 25.2 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 0.271 ng/ul
RT: 27.397 min Scan# 6076
Delta R.T. -0.003 min
Lab File: BM038061.D
Acq: 16 Dec 2022 10:30

Instrument :
BNA_M
ClientSampleId :
DBXP3



Tgt Ion:	276	Resp:	14516
Ion Ratio	Lower	Upper	
276	100		
138	31.1	24.1	36.1
277	24.5	19.0	28.6

