

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041534.D
 Acq On : 28 Aug 2023 22:45
 Operator : MA/JU
 Sample : 04037-14DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH3DL

Quant Time: Aug 29 02:49:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

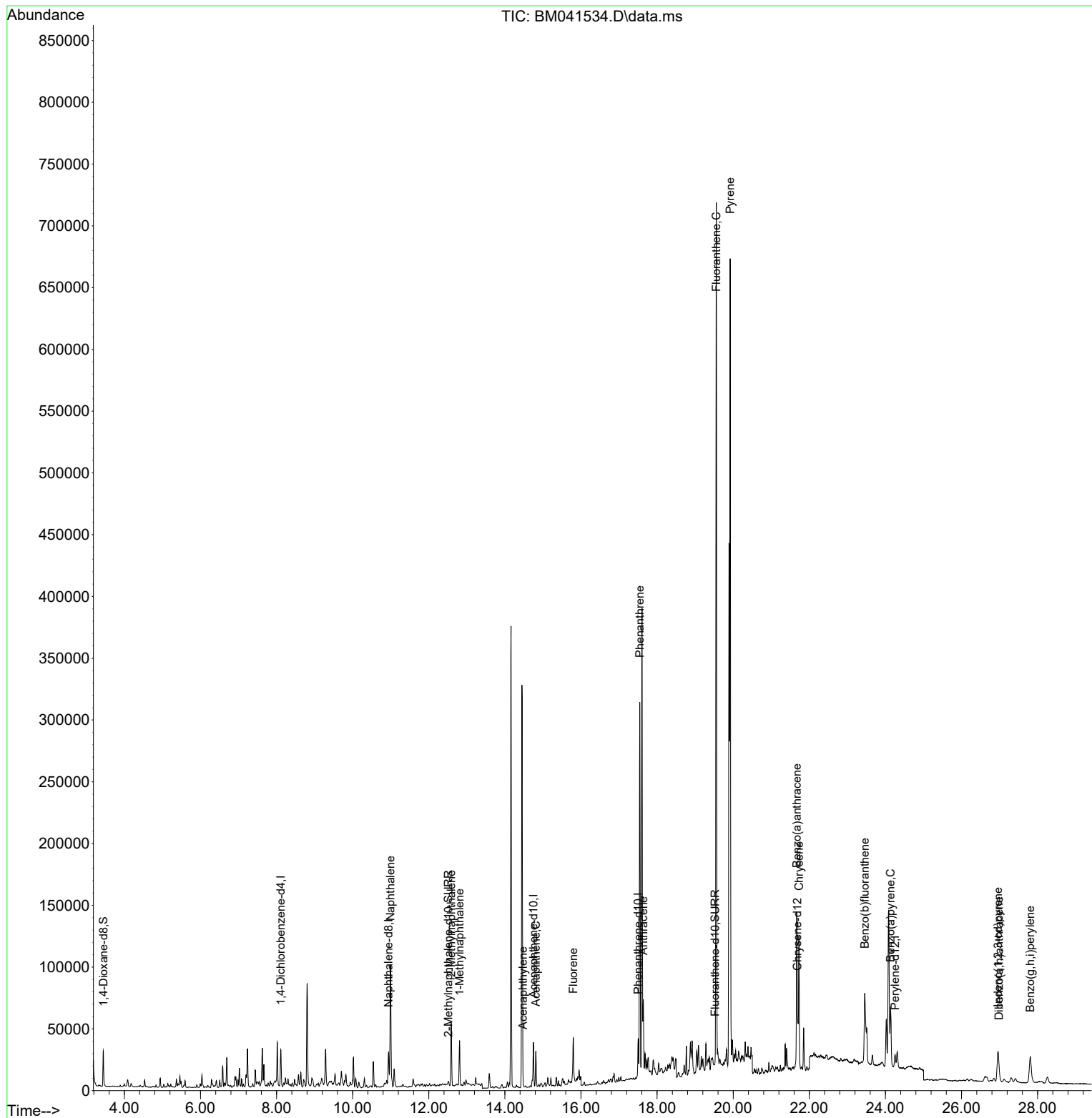
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	12526	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	34324	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	17984	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	33888	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.688	240	13339	0.400	ng/ul	# 0.00
23) Perylene-d12	24.254	264	14422	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	17350	1.114	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	2717	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	4452	0.082	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.993	128	134552	1.225	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	35498	0.533	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	23282	0.346	ng/ul	100
10) Acenaphthylene	14.476	152	3874	0.033	ng/ul#	54
11) Acenaphthene	14.814	153	16748	0.201	ng/ul	99
12) Fluorene	15.799	166	23625	0.262	ng/ul	97
15) Phenanthrene	17.544	178	316800	2.278	ng/ul	99
16) Anthracene	17.637	178	64374	0.504	ng/ul	96
19) Fluoranthene	19.557	202	583775	4.724	ng/ul	99
20) Pyrene	19.919	202	535024	4.279	ng/ul	96
21) Benzo(a)anthracene	21.670	228	110755	1.165	ng/ul#	95
22) Chrysene	21.729	228	110629	1.175	ng/ul#	93
24) Benzo(b)fluoranthene	23.459	252	105460	1.150	ng/ul#	69
26) Benzo(a)pyrene	24.137	252	74015	0.893	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.961	276	47144	0.423	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.984	278	9524	0.119	ng/ul#	1
29) Benzo(g,h,i)perylene	27.809	276	51534	0.552	ng/ul#	92

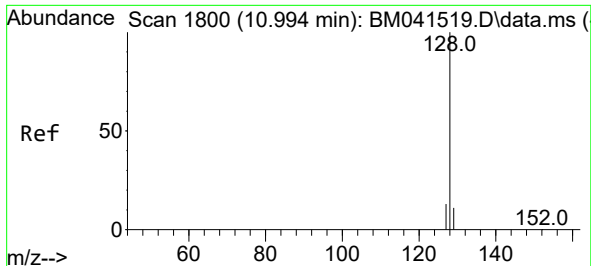
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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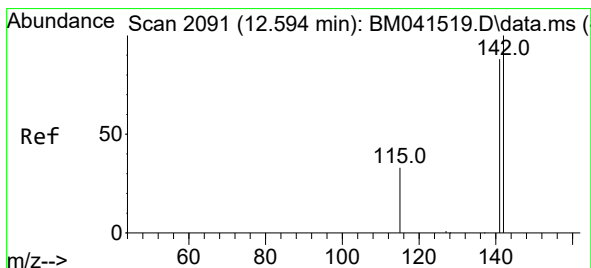
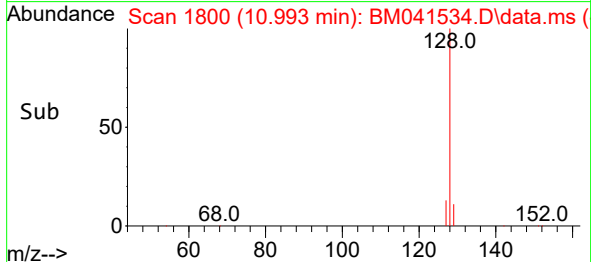
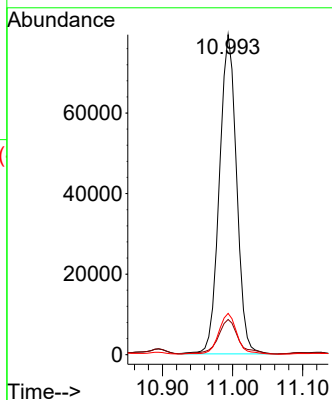
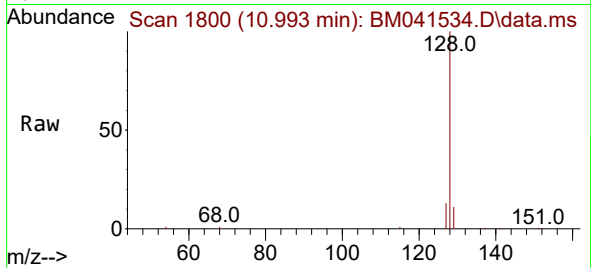




#5
Naphthalene
Concen: 1.225 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

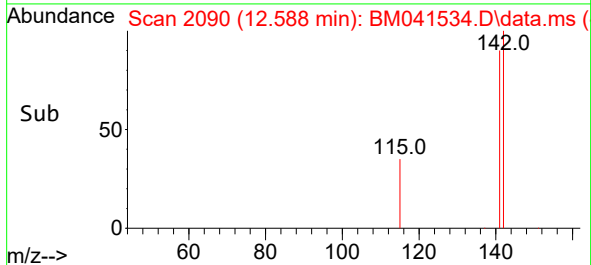
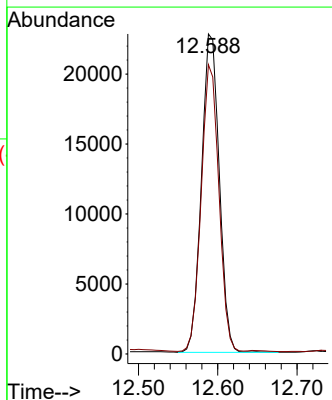
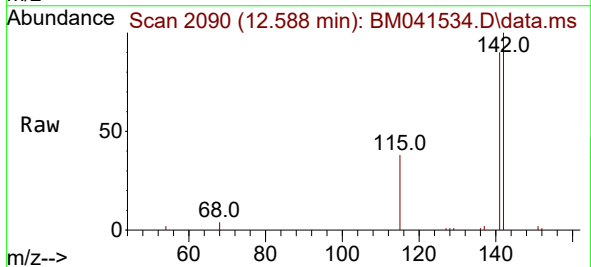
Instrument :
BNA_M
ClientSampleId :
EZYH3DL

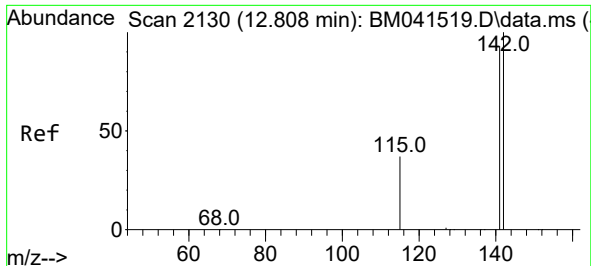
Tgt Ion:128 Resp: 134552
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.533 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

Tgt Ion:142 Resp: 35498
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6

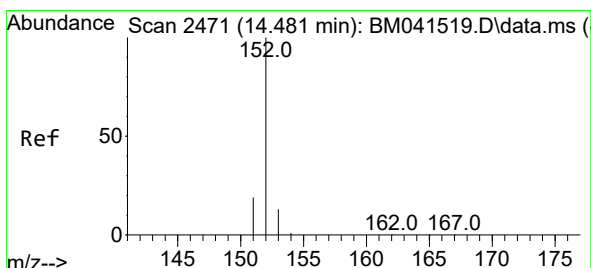
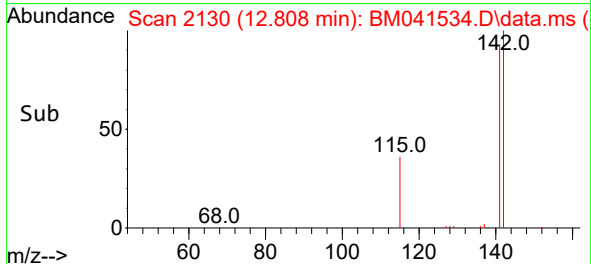
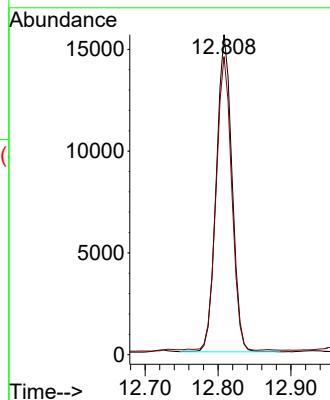
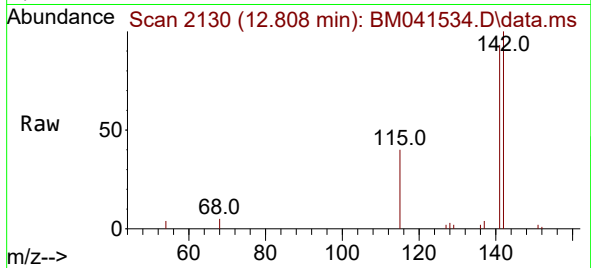




#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

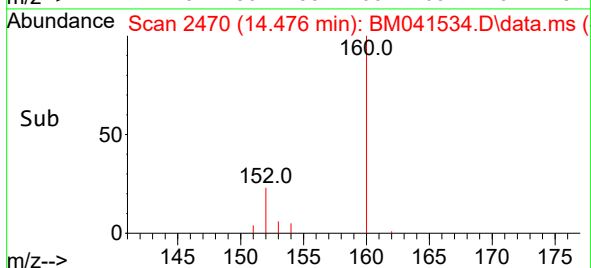
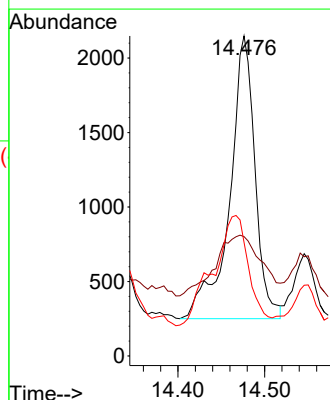
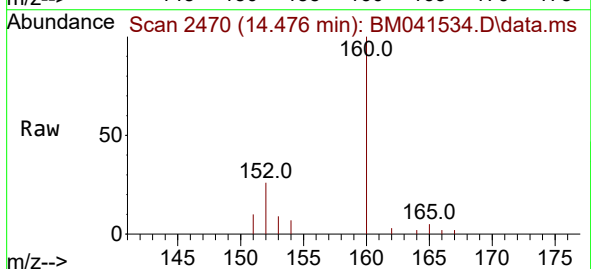
Instrument :
BNA_M
ClientSampleId :
EZYH3DL

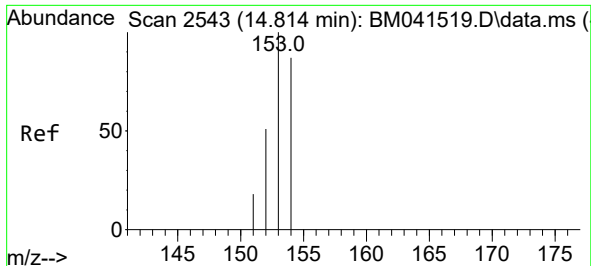
Tgt Ion:142 Resp: 23282
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.476 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

Tgt Ion:152 Resp: 3874
Ion Ratio Lower Upper
152 100
151 37.3 15.7 23.5#
153 35.5 10.5 15.7#

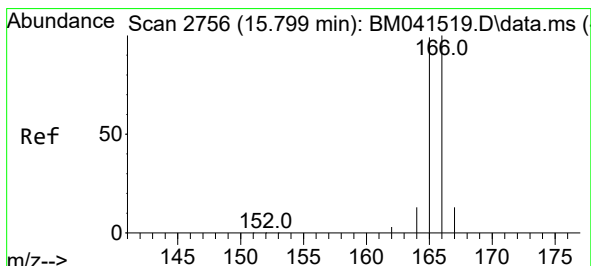
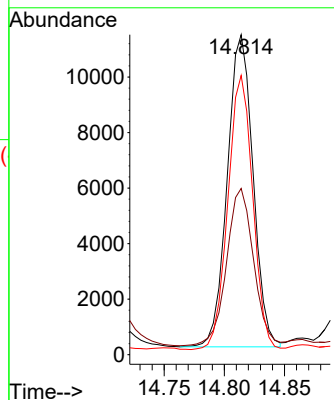
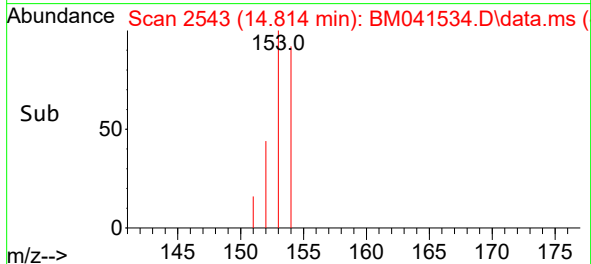
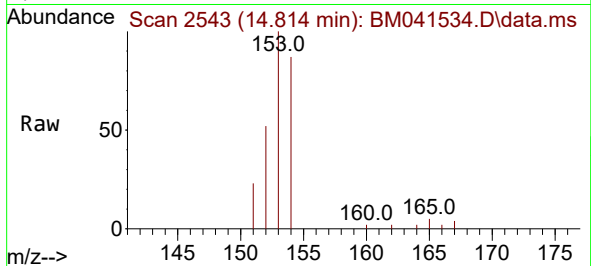




#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.814 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

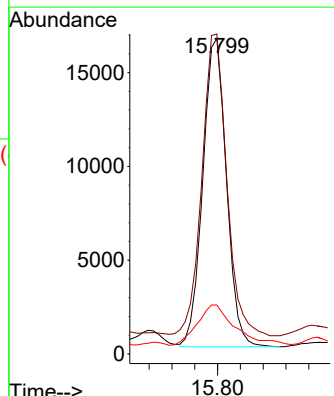
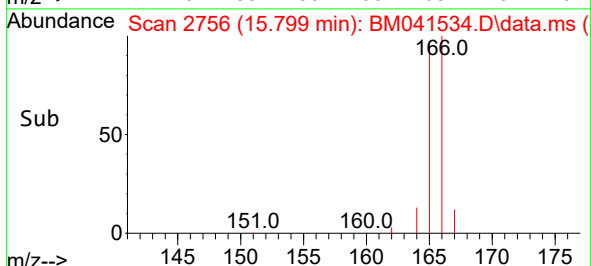
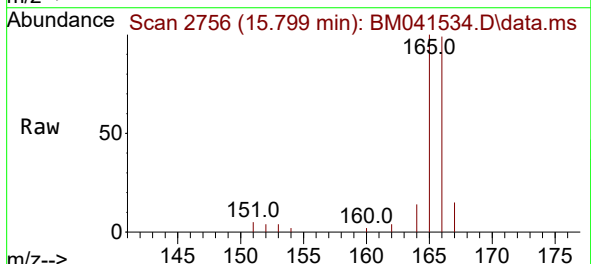
Instrument :
BNA_M
ClientSampleId :
EZYH3DL

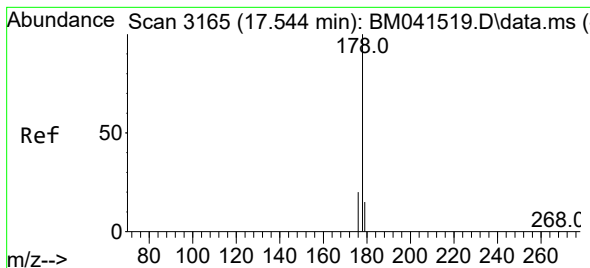
Tgt Ion:153 Resp: 16748
Ion Ratio Lower Upper
153 100
152 52.0 41.1 61.7
154 87.2 69.4 104.0



#12
Fluorene
Concen: 0.262 ng/ul
RT: 15.799 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

Tgt Ion:166 Resp: 23625
Ion Ratio Lower Upper
166 100
165 101.5 79.2 118.8
167 15.6 10.8 16.2





#15

Phenanthrene

Concen: 2.278 ng/ul

RT: 17.544 min Scan# 3165

Delta R.T. -0.000 min

Lab File: BM041534.D

Acq: 28 Aug 2023 22:45

Instrument :

BNA_M

ClientSampleId :

EZYH3DL

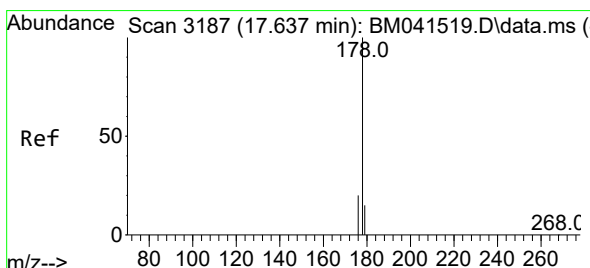
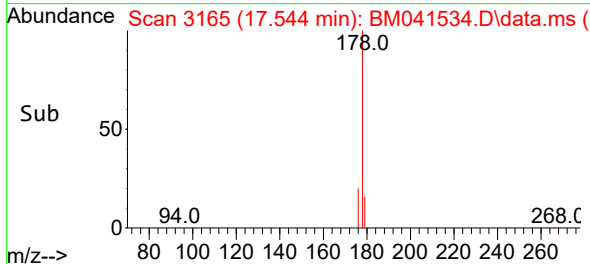
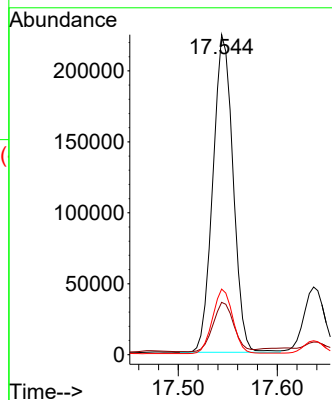
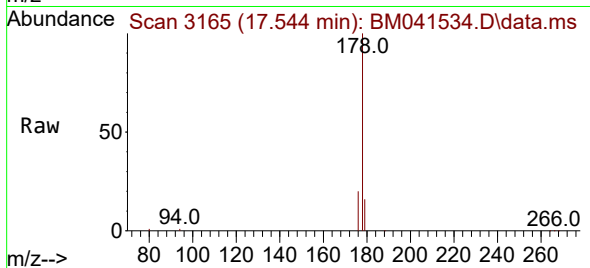
Tgt Ion:178 Resp: 316800

Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 20.5 16.3 24.5



#16

Anthracene

Concen: 0.504 ng/ul

RT: 17.637 min Scan# 3187

Delta R.T. -0.000 min

Lab File: BM041534.D

Acq: 28 Aug 2023 22:45

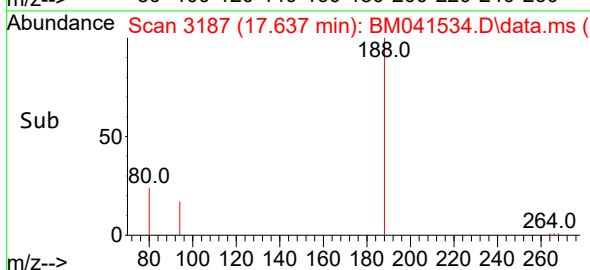
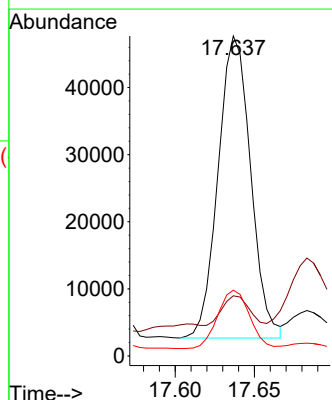
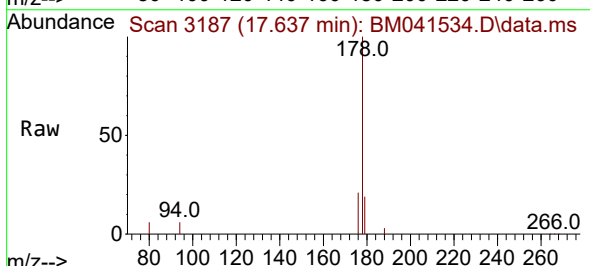
Tgt Ion:178 Resp: 64374

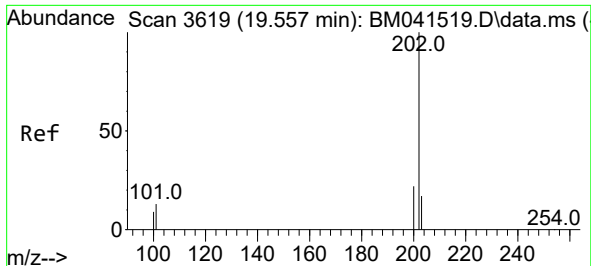
Ion Ratio Lower Upper

178 100

179 18.8 12.6 19.0

176 20.5 15.9 23.9

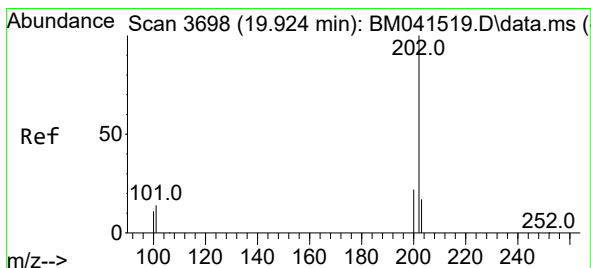
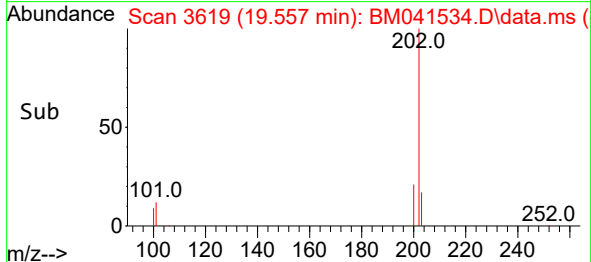
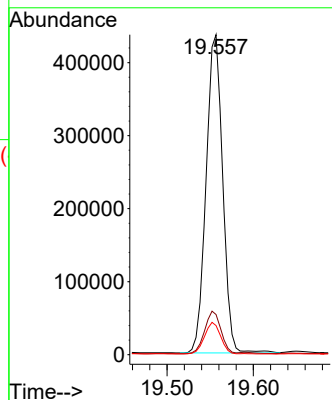
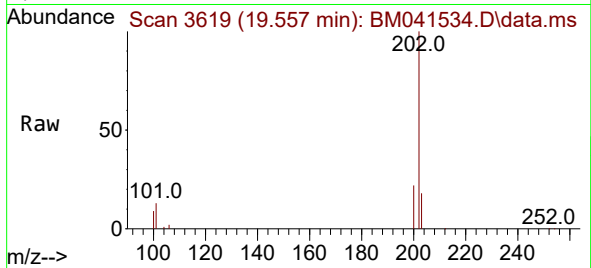




#19
Fluoranthene
Concen: 4.724 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. -0.000 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

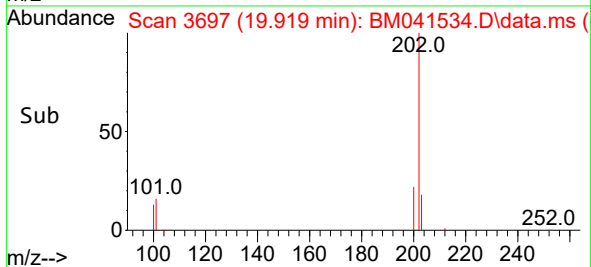
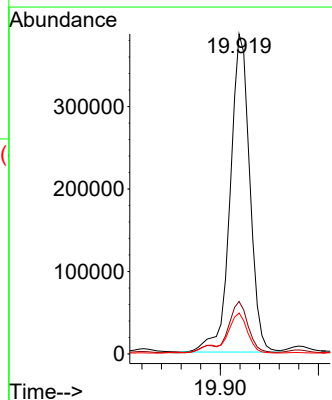
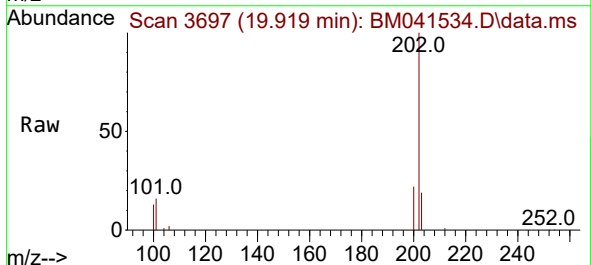
Instrument :
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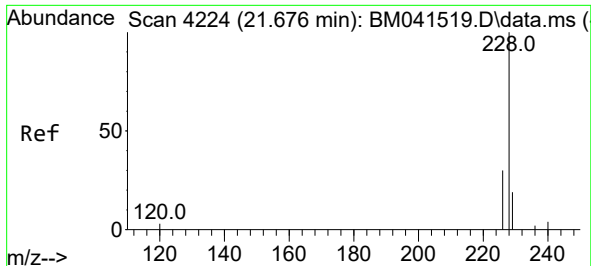
Tgt Ion:202 Resp: 583775
Ion Ratio Lower Upper
202 100
101 12.6 10.5 15.7
100 9.1 7.8 11.6



#20
Pyrene
Concen: 4.279 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

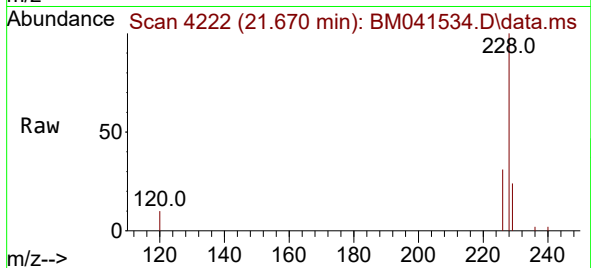
Tgt Ion:202 Resp: 535024
Ion Ratio Lower Upper
202 100
101 16.4 11.6 17.4
100 12.8 9.1 13.7



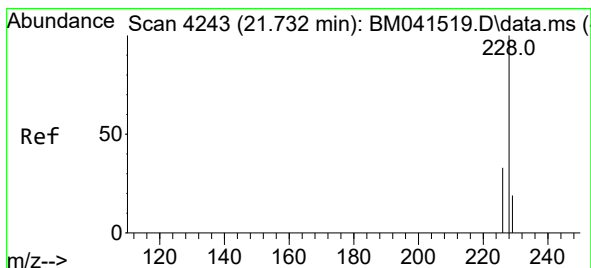
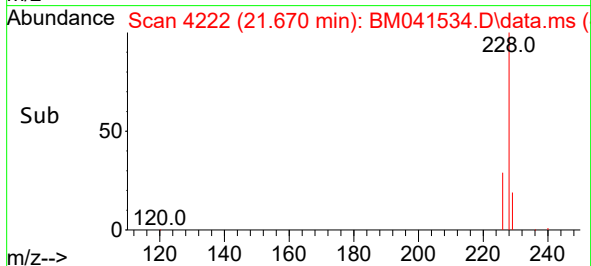
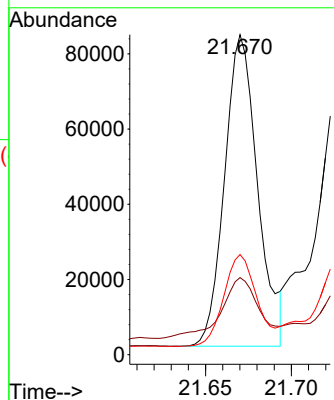


#21
Benzo(a)anthracene
Concen: 1.165 ng/ul
RT: 21.670 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

Instrument :
BNA_M
ClientSampleId :
EZYH3DL

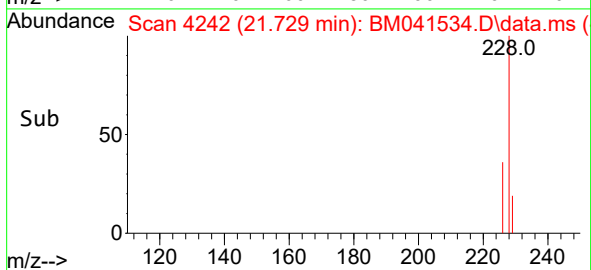
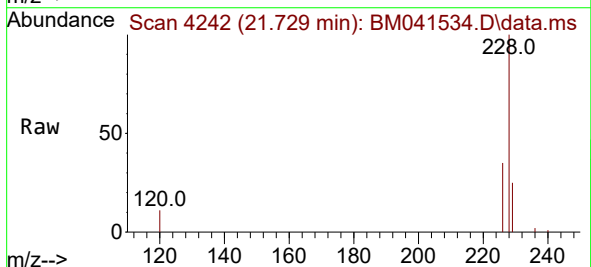
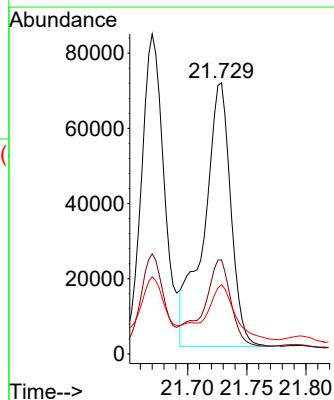


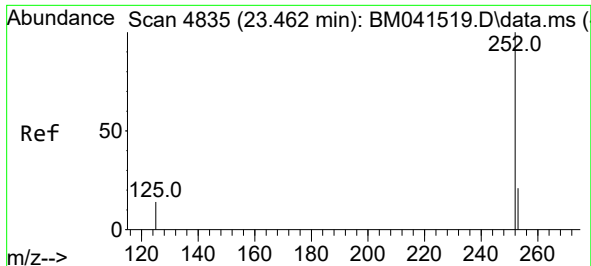
Tgt Ion:228 Resp: 110755
Ion Ratio Lower Upper
228 100
229 24.1 15.8 23.6#
226 31.3 24.0 36.0



#22
Chrysene
Concen: 1.175 ng/ul
RT: 21.729 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

Tgt Ion:228 Resp: 110629
Ion Ratio Lower Upper
228 100
226 34.7 26.3 39.5
229 25.5 15.4 23.2#

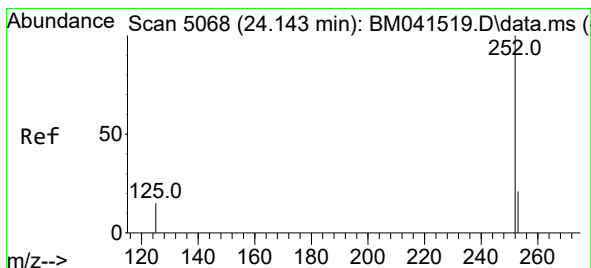
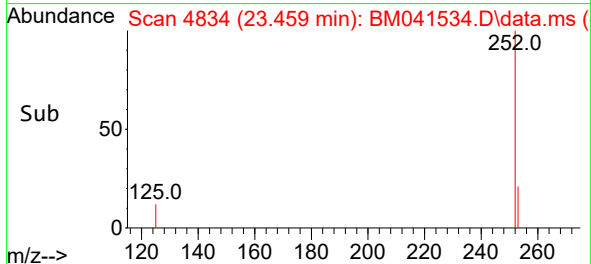
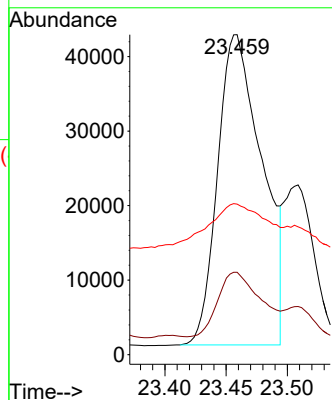
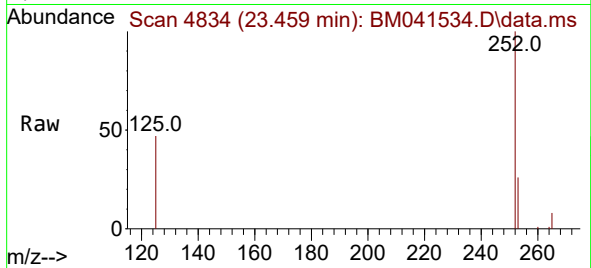




#24
Benzo(b)fluoranthene
Concen: 1.150 ng/ul
RT: 23.459 min Scan# 4834
Delta R.T. -0.003 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

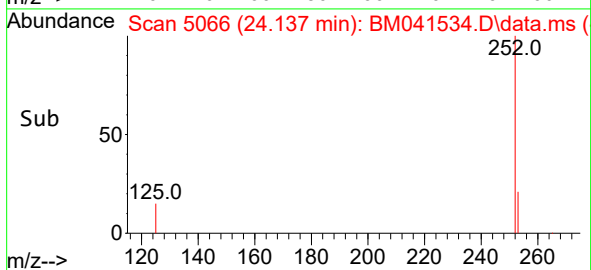
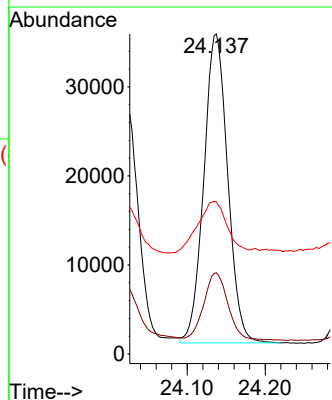
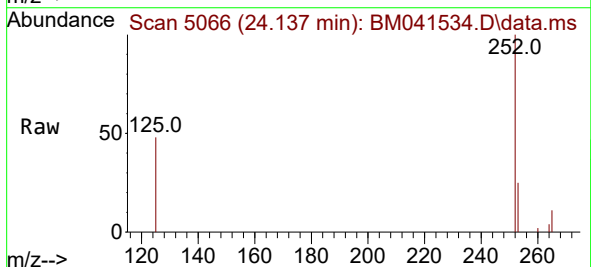
Instrument :
BNA_M
ClientSampleId :
EZYH3DL

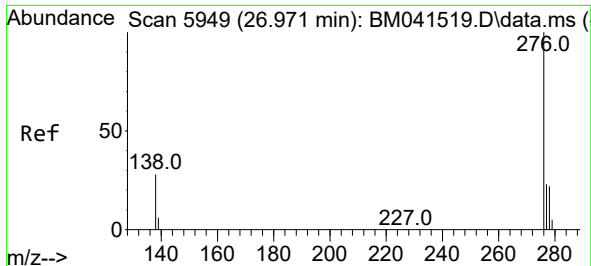
Tgt Ion:252 Resp: 105460
Ion Ratio Lower Upper
252 100
253 25.7 0.0 47.0
125 47.0 0.0 37.2#



#26
Benzo(a)pyrene
Concen: 0.893 ng/ul
RT: 24.137 min Scan# 5066
Delta R.T. -0.006 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

Tgt Ion:252 Resp: 74015
Ion Ratio Lower Upper
252 100
253 25.4 20.0 30.0
125 47.6 17.1 25.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng/ul

RT: 26.961 min Scan# 5946

Delta R.T. -0.010 min

Lab File: BM041534.D

Acq: 28 Aug 2023 22:45

Instrument :

BNA_M

ClientSampleId :

EZYH3DL

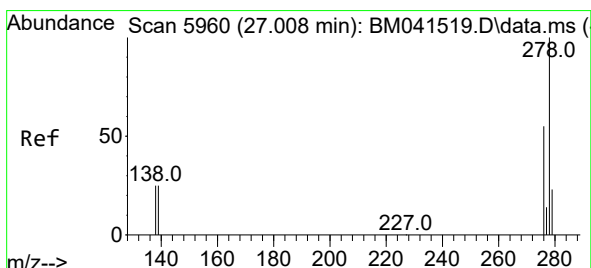
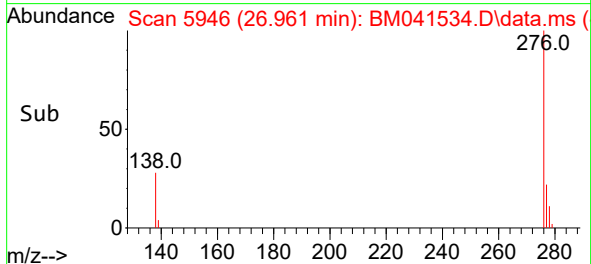
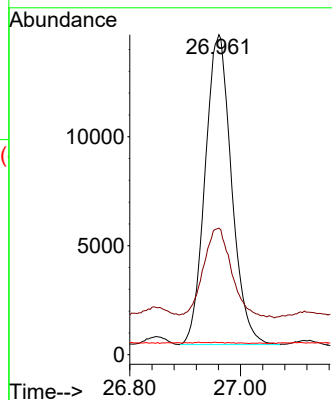
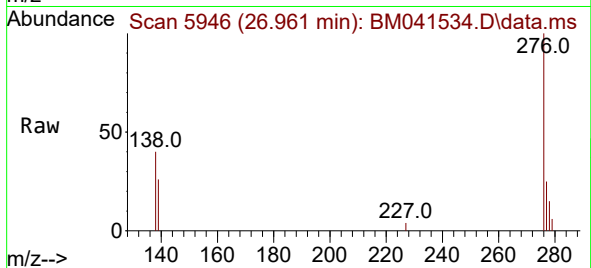
Tgt Ion:276 Resp: 47144

Ion Ratio Lower Upper

276 100

138 30.3 27.3 40.9

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.119 ng/ul

RT: 26.984 min Scan# 5953

Delta R.T. -0.024 min

Lab File: BM041534.D

Acq: 28 Aug 2023 22:45

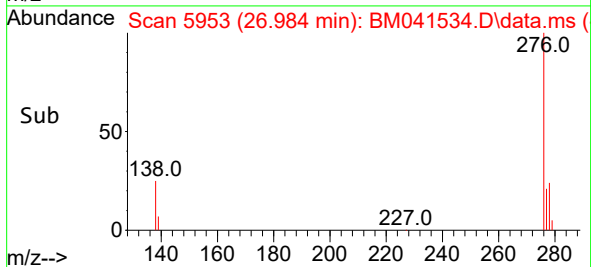
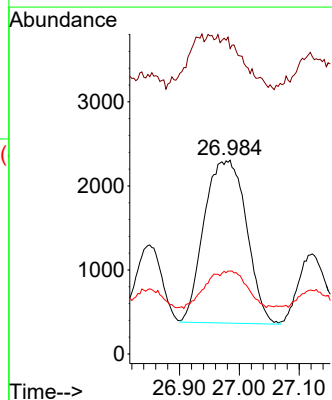
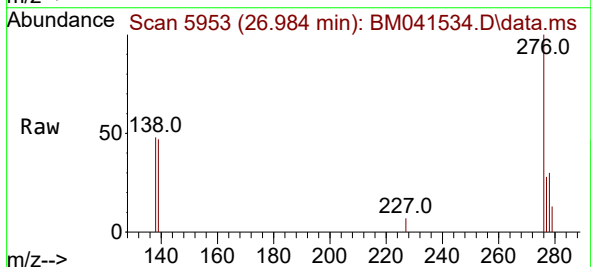
Tgt Ion:278 Resp: 9524

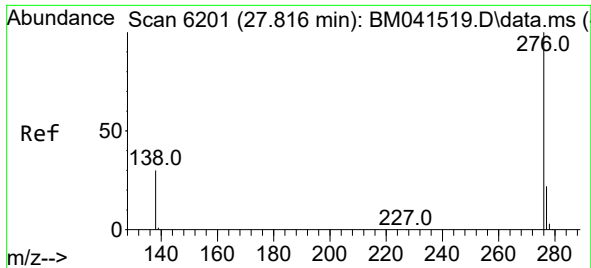
Ion Ratio Lower Upper

278 100

139 157.6 22.2 33.2#

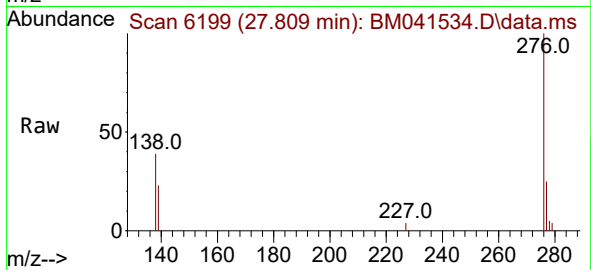
279 42.8 20.4 30.6#





#29
Benzo(g,h,i)perylene
Concen: 0.552 ng/ul
RT: 27.809 min Scan# 61
Delta R.T. -0.007 min
Lab File: BM041534.D
Acq: 28 Aug 2023 22:45

Instrument :
BNA_M
ClientSampleId :
EZYH3DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.3	25.9	38.9#
277	25.4	19.1	28.7

