

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041505.D
 Acq On : 25 Aug 2023 22:13
 Operator : MA/JU
 Sample : 04037-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYH2

Quant Time: Aug 26 00:19:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

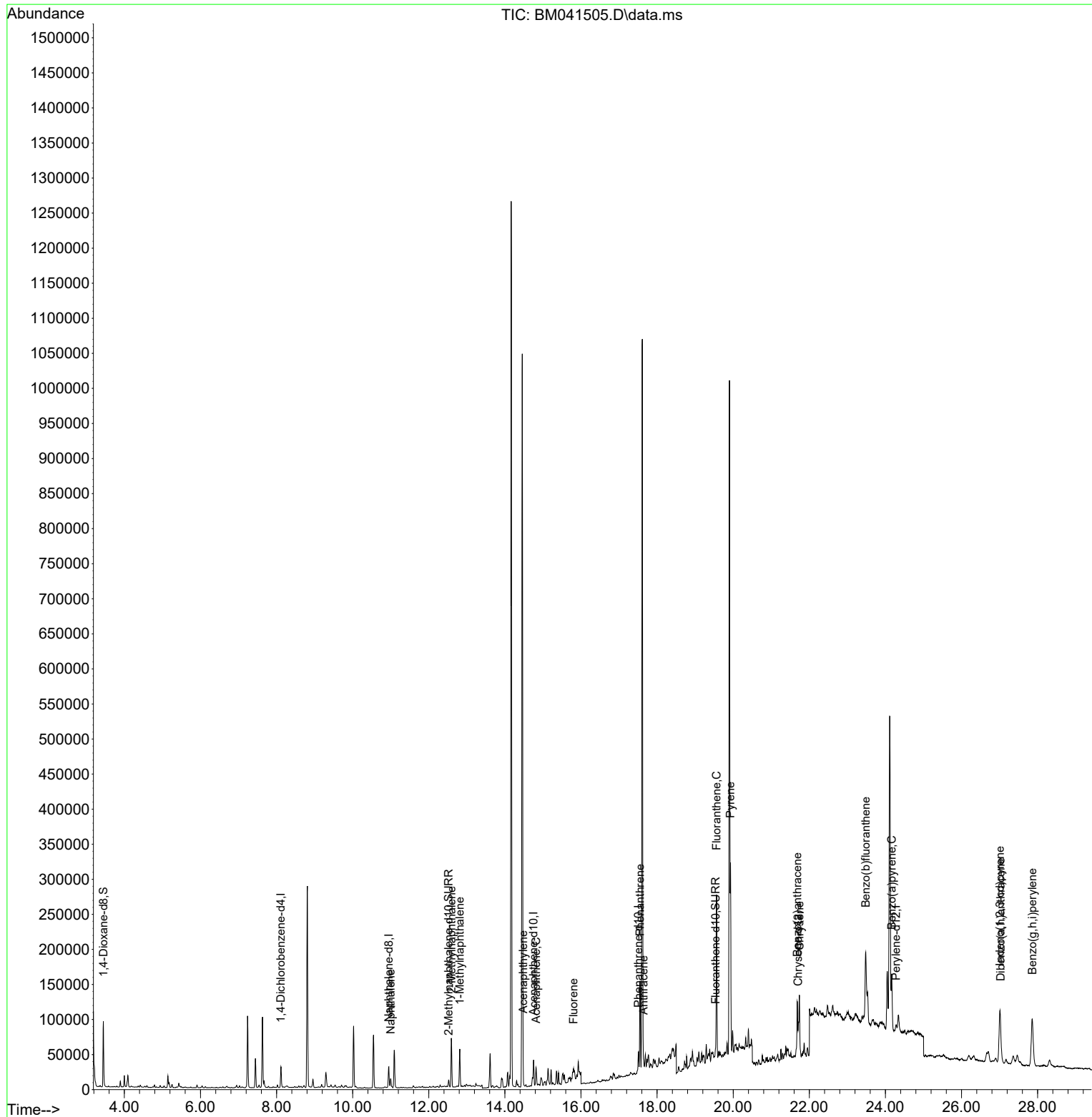
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	14358	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	39725	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	19602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	33527	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.702	240	13036	0.400	ng/ul	# 0.00
23) Perylene-d12	24.281	264	15412	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	55644	3.062	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	10682	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	12116	0.211	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.999	128	17709	0.150	ng/ul	98
7) 2-Methylnaphthalene	12.594	142	47182	0.664	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	35844	0.496	ng/ul	100
10) Acenaphthylene	14.481	152	8342	0.071	ng/ul#	41
11) Acenaphthene	14.819	153	15923	0.194	ng/ul	97
12) Fluorene	15.804	166	13318	0.145	ng/ul#	88
15) Phenanthrene	17.552	178	135229	1.099	ng/ul#	94
16) Anthracene	17.645	178	17510	0.156	ng/ul#	67
19) Fluoranthene	19.561	202	187013	1.563	ng/ul	97
20) Pyrene	19.929	202	213887	1.772	ng/ul	95
21) Benzo(a)anthracene	21.682	228	69682	0.821	ng/ul#	82
22) Chrysene	21.740	228	77449	0.845	ng/ul#	86
24) Benzo(b)fluoranthene	23.483	252	180007	1.705	ng/ul#	1
26) Benzo(a)pyrene	24.164	252	113517	1.309	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	27.011	276	143644	1.326	ng/ul#	92
28) Dibenzo(a,h)anthracene	27.028	278	33819	0.408	ng/ul#	1
29) Benzo(g,h,i)perylene	27.860	276	162938	1.707	ng/ul#	85

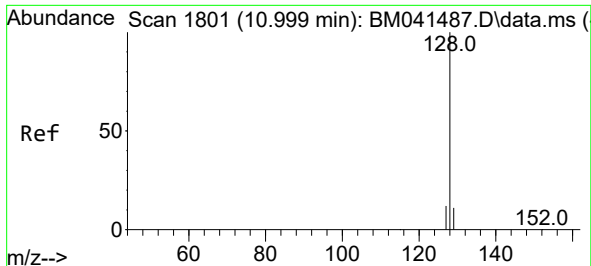
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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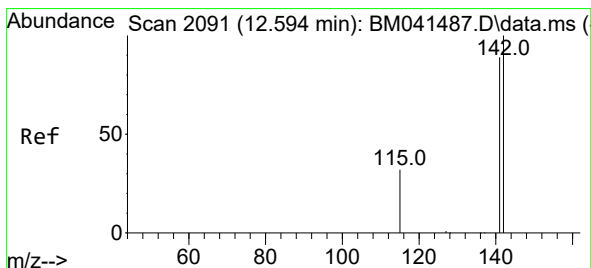
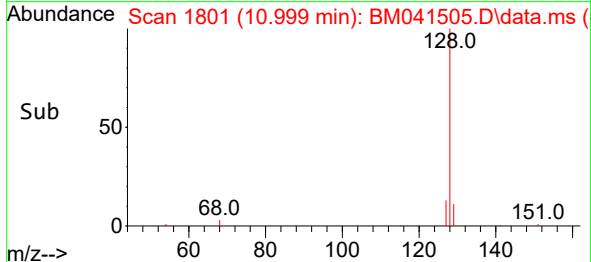
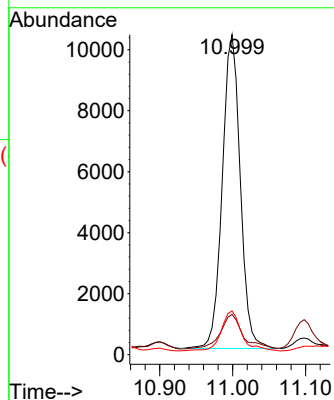
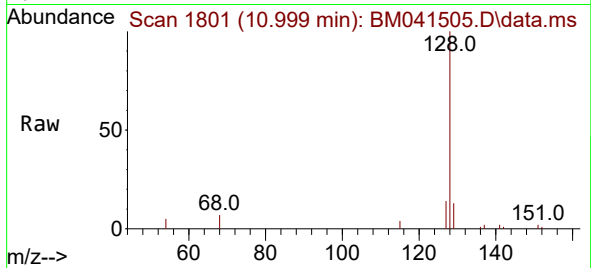




#5
Naphthalene
Concen: 0.150 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

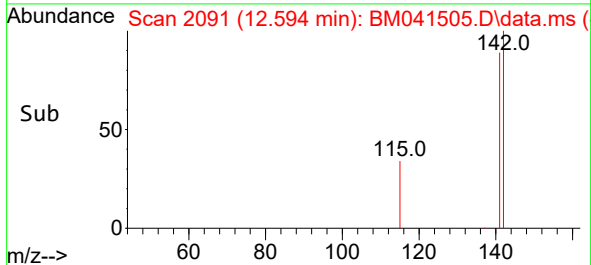
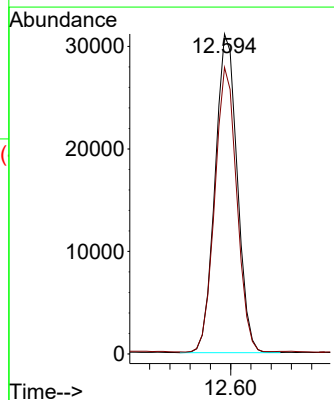
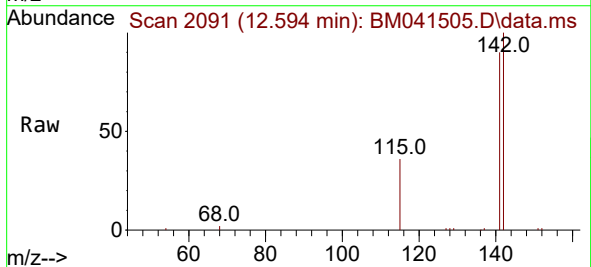
Instrument :
BNA_P
ClientSampleId :
EZYH2

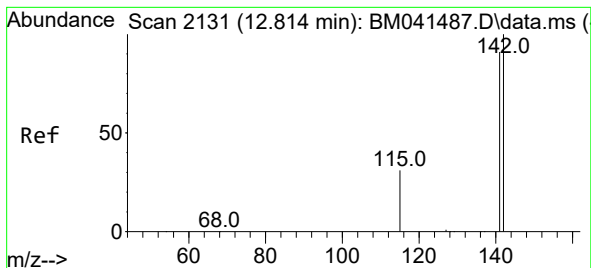
Tgt Ion:128 Resp: 17709
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 13.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.664 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

Tgt Ion:142 Resp: 47182
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.496 ng/ul

RT: 12.814 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

Instrument :

BNA_P

ClientSampleId :

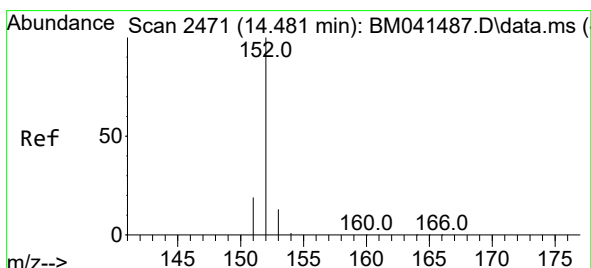
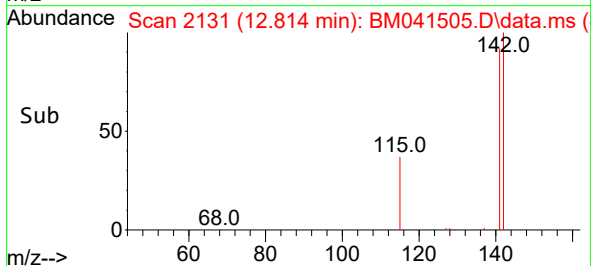
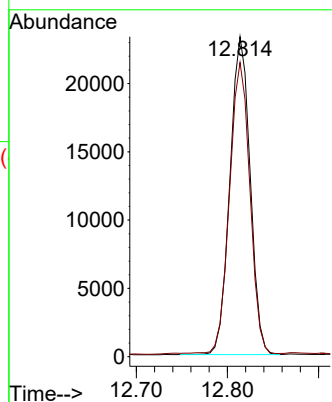
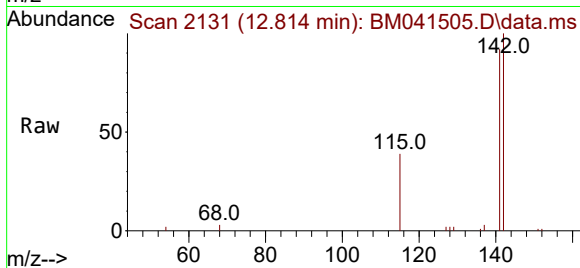
EZYH2

Tgt Ion:142 Resp: 35844

Ion Ratio Lower Upper

142 100

141 92.2 73.4 110.2



#10

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.481 min Scan# 2471

Delta R.T. -0.005 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

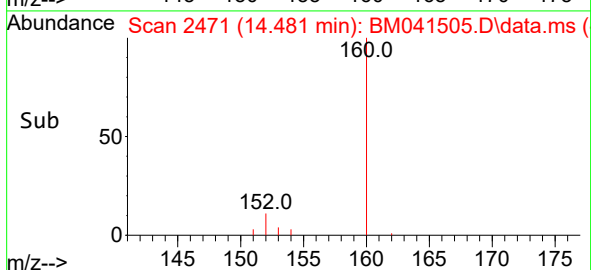
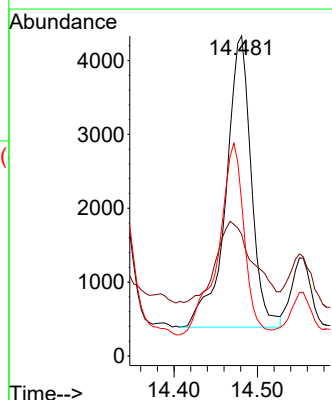
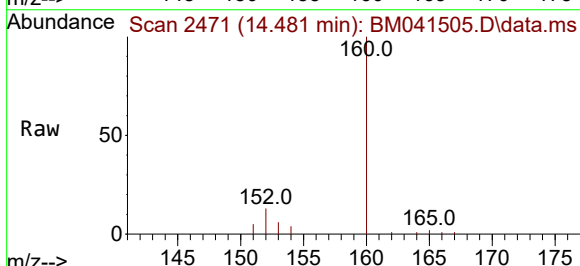
Tgt Ion:152 Resp: 8342

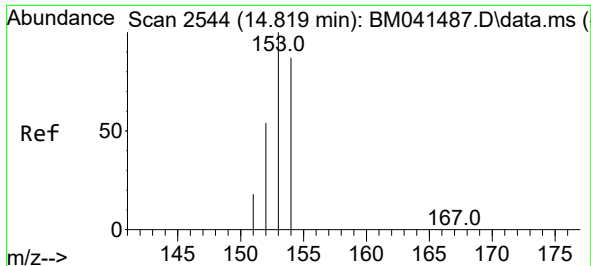
Ion Ratio Lower Upper

152 100

151 38.0 15.8 23.6#

153 48.1 10.6 15.8#

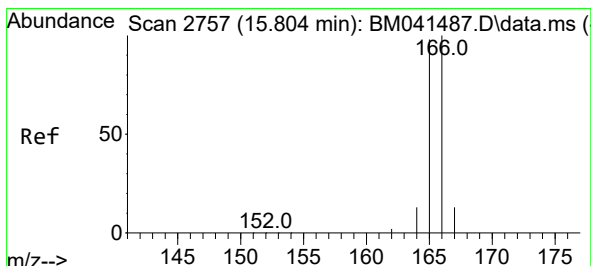
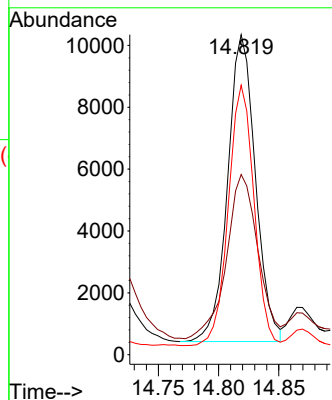
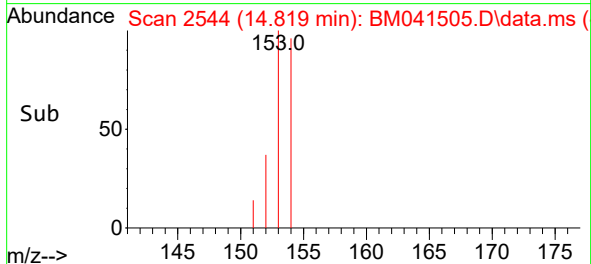
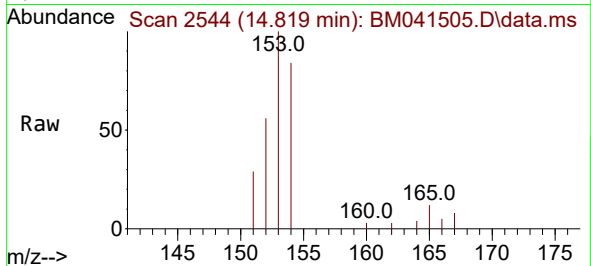




#11
Acenaphthene
Concen: 0.194 ng/ul
RT: 14.819 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

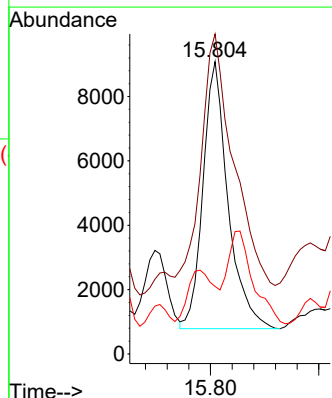
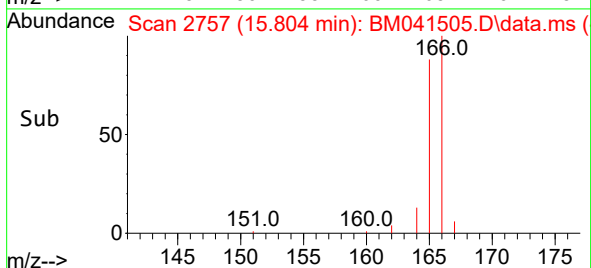
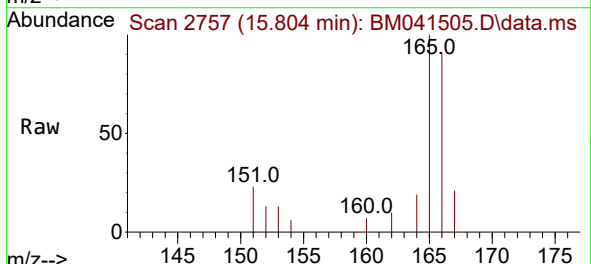
Instrument :
BNA_P
ClientSampleId :
EZYH2

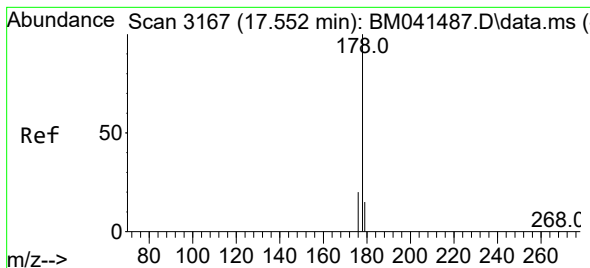
Tgt Ion:153 Resp: 15923
Ion Ratio Lower Upper
153 100
152 56.3 42.9 64.3
154 84.2 68.9 103.3



#12
Fluorene
Concen: 0.145 ng/ul
RT: 15.804 min Scan# 2757
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

Tgt Ion:166 Resp: 13318
Ion Ratio Lower Upper
166 100
165 109.5 79.4 119.2
167 23.1 11.0 16.6#





#15

Phenanthrene

Concen: 1.099 ng/ul

RT: 17.552 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

Instrument :

BNA_P

ClientSampleId :

EZYH2

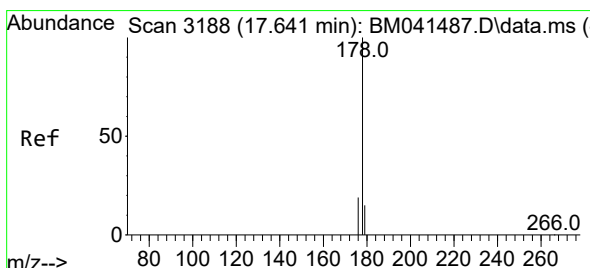
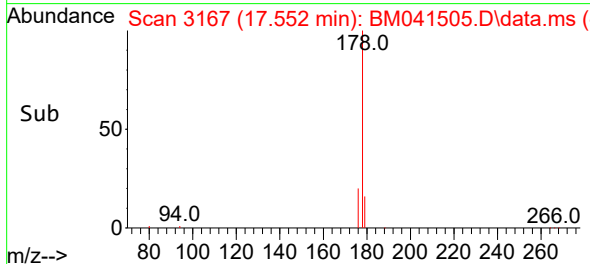
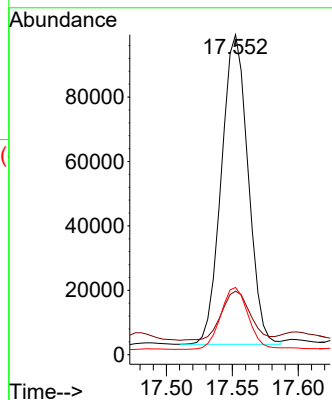
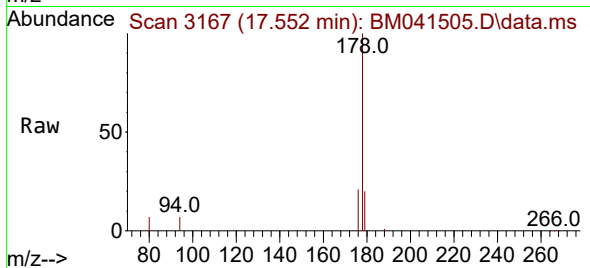
Tgt Ion:178 Resp: 135229

Ion Ratio Lower Upper

178 100

179 19.9 12.5 18.7#

176 21.0 15.8 23.8



#16

Anthracene

Concen: 0.156 ng/ul

RT: 17.645 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

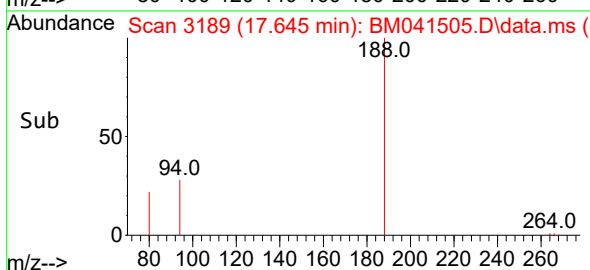
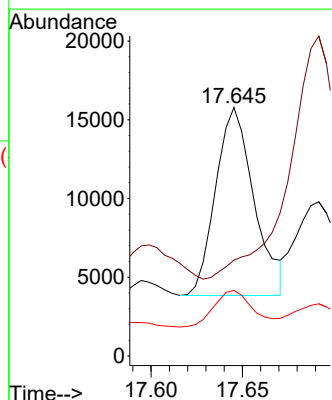
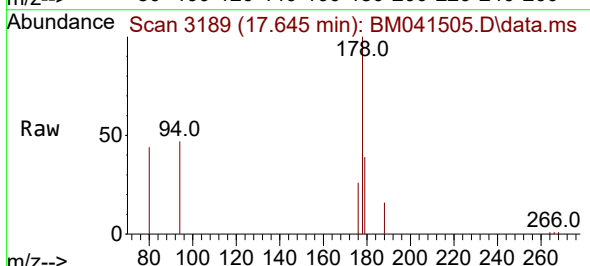
Tgt Ion:178 Resp: 17510

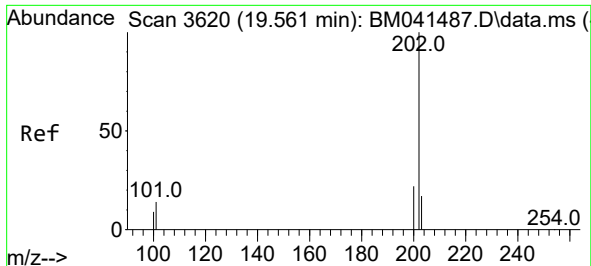
Ion Ratio Lower Upper

178 100

179 38.6 12.6 18.8#

176 26.4 15.5 23.3#

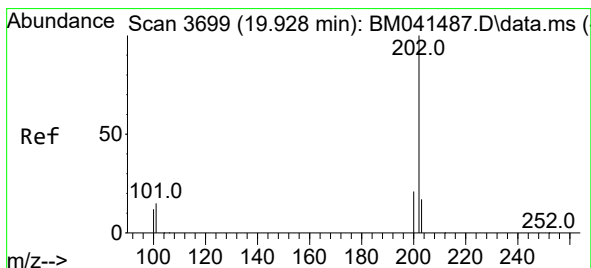
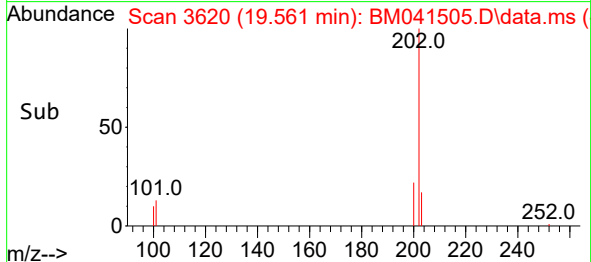
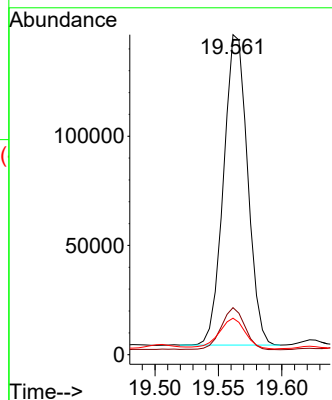
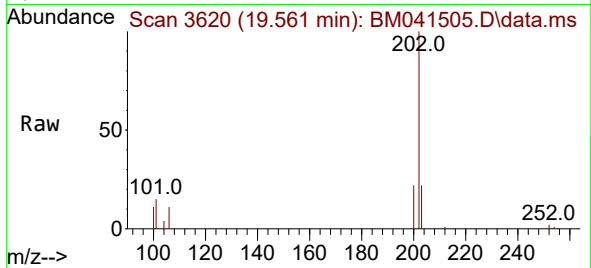




#19
Fluoranthene
Concen: 1.563 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

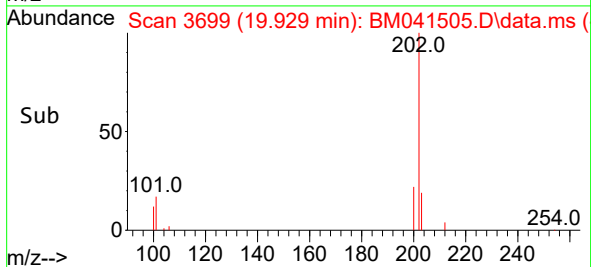
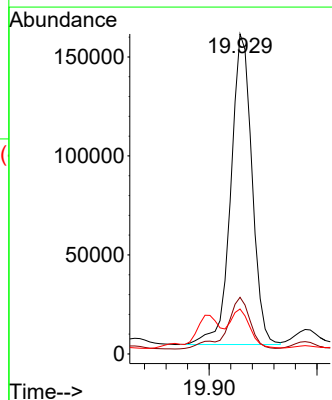
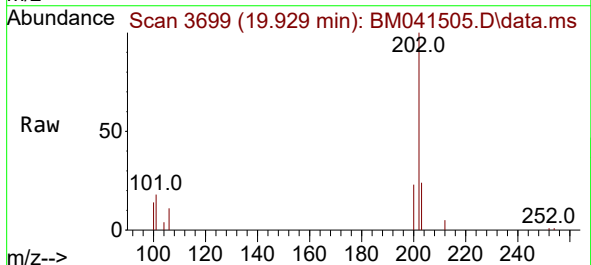
Instrument :
BNA_P
ClientSampleId :
EZYH2

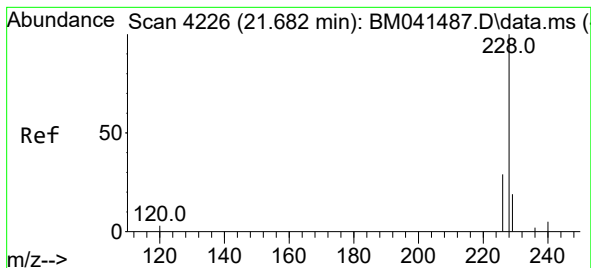
Tgt Ion:202 Resp: 187013
Ion Ratio Lower Upper
202 100
101 14.7 11.0 16.6
100 11.4 7.9 11.9



#20
Pyrene
Concen: 1.772 ng/ul
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

Tgt Ion:202 Resp: 213887
Ion Ratio Lower Upper
202 100
101 17.7 12.2 18.2
100 14.0 9.8 14.8





#21

Benzo(a)anthracene

Concen: 0.821 ng/ul

RT: 21.682 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

Instrument :

BNA_P

ClientSampleId :

EZYH2

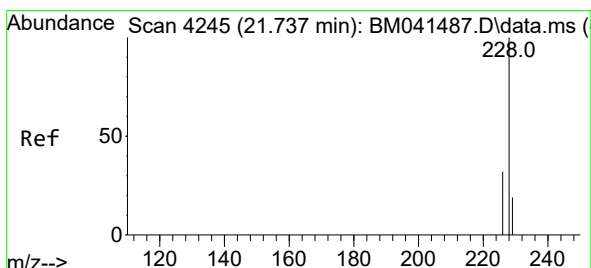
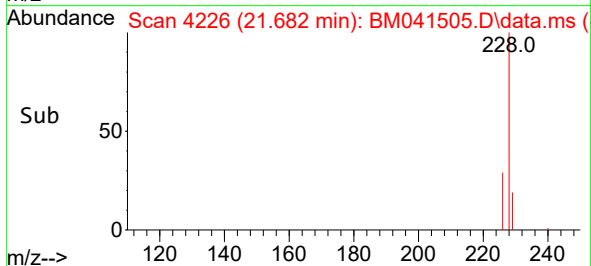
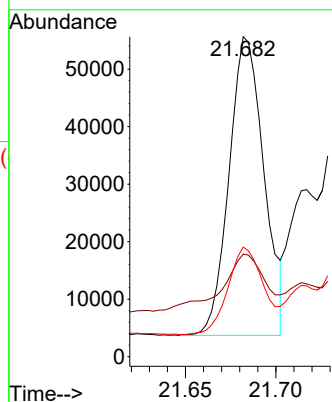
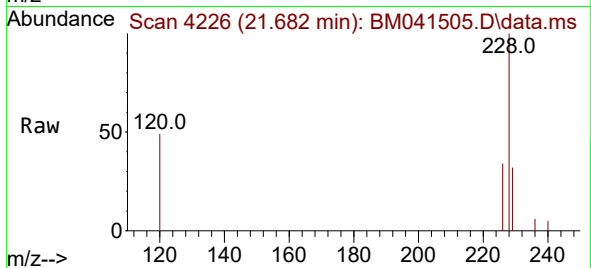
Tgt Ion:228 Resp: 69682

Ion Ratio Lower Upper

228 100

229 32.0 15.3 22.9#

226 34.2 22.7 34.1#



#22

Chrysene

Concen: 0.845 ng/ul

RT: 21.740 min Scan# 4246

Delta R.T. -0.003 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

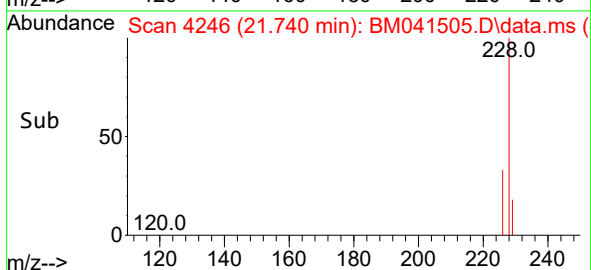
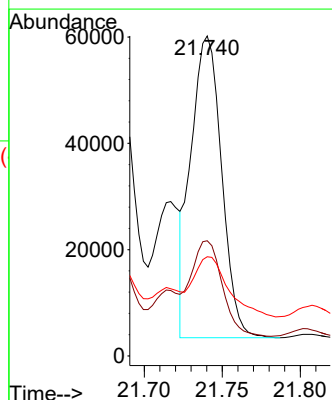
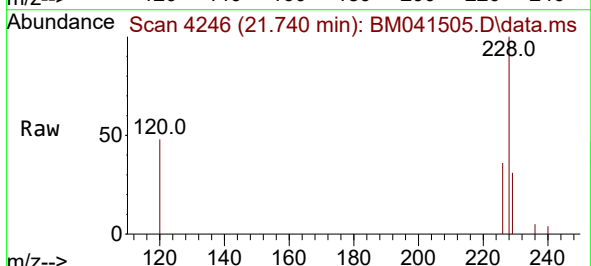
Tgt Ion:228 Resp: 77449

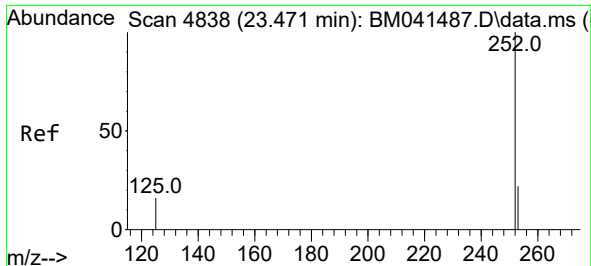
Ion Ratio Lower Upper

228 100

226 36.0 25.6 38.4

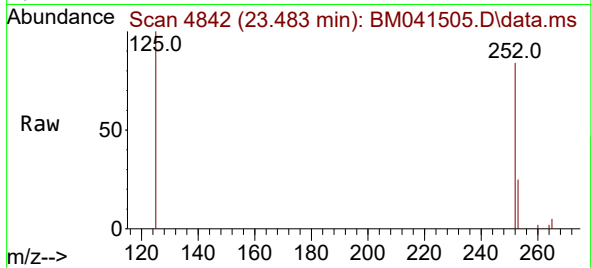
229 31.0 15.7 23.5#



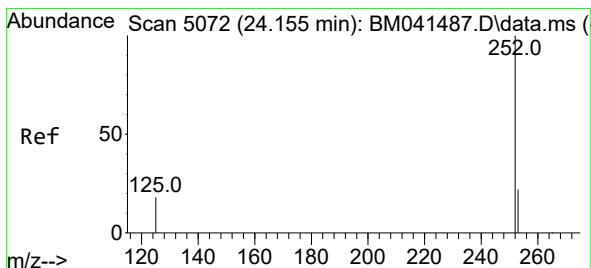
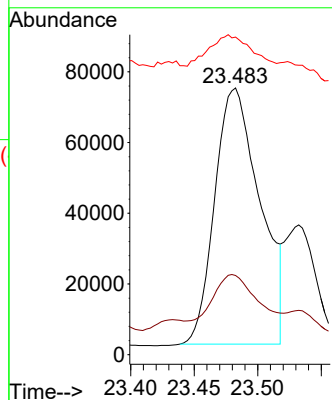


#24
Benzo(b)fluoranthene
Concen: 1.705 ng/ul
RT: 23.483 min Scan# 4842
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

Instrument :
BNA_P
ClientSampleId :
EZYH2

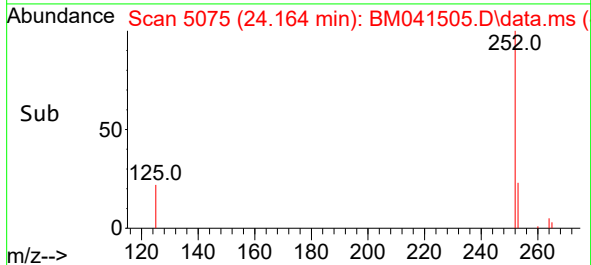
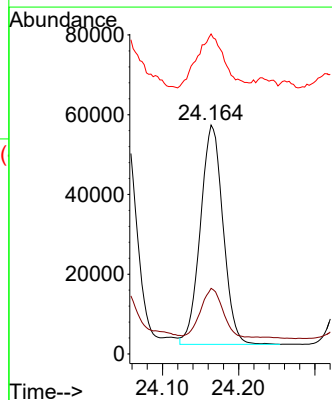
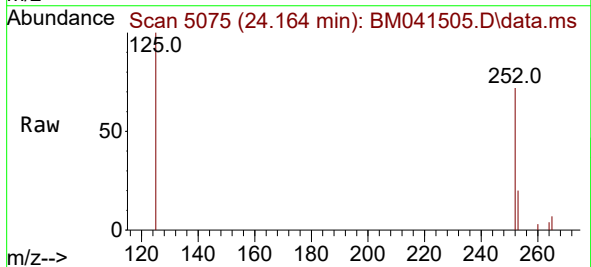


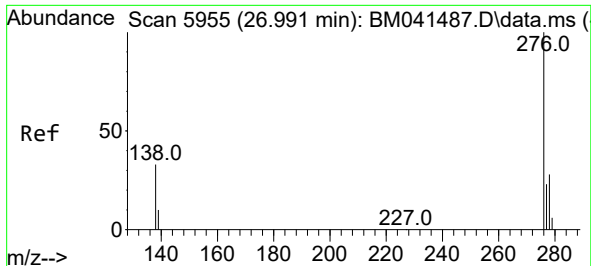
Tgt Ion:252 Resp: 180007
Ion Ratio Lower Upper
252 100
253 29.7 0.0 46.8
125 119.1 0.0 32.8#



#26
Benzo(a)pyrene
Concen: 1.309 ng/ul
RT: 24.164 min Scan# 5075
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

Tgt Ion:252 Resp: 113517
Ion Ratio Lower Upper
252 100
253 28.6 19.5 29.3
125 139.8 16.0 24.0#

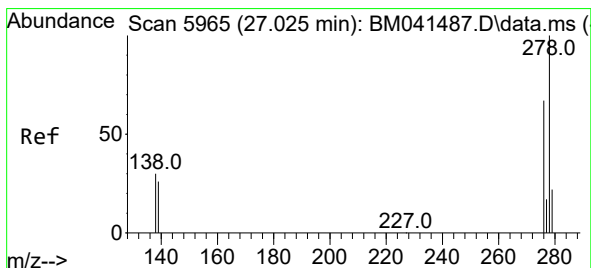
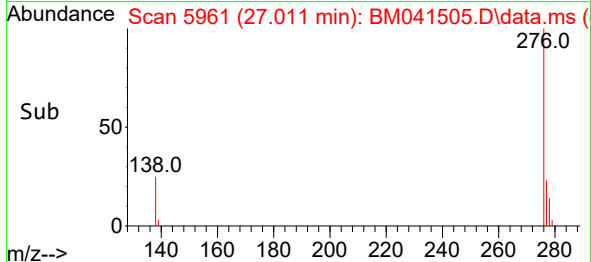
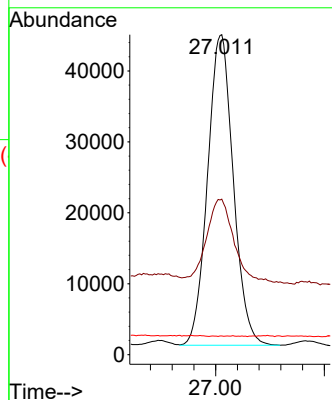
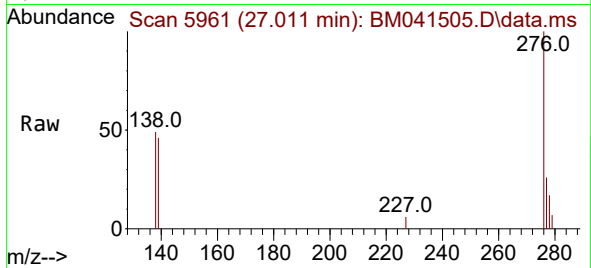




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.326 ng/ul
RT: 27.011 min Scan# 5961
Delta R.T. 0.007 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

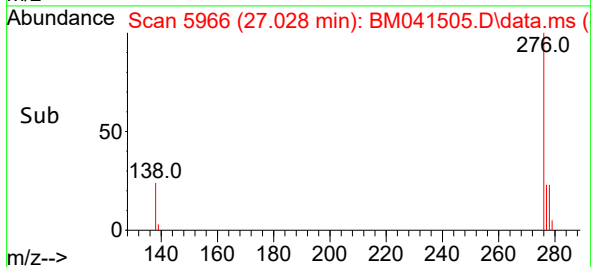
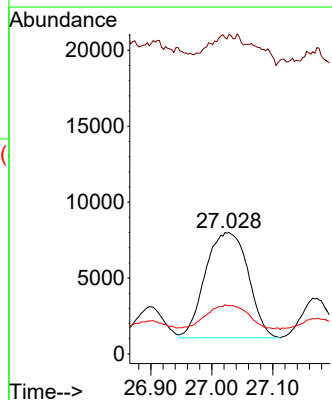
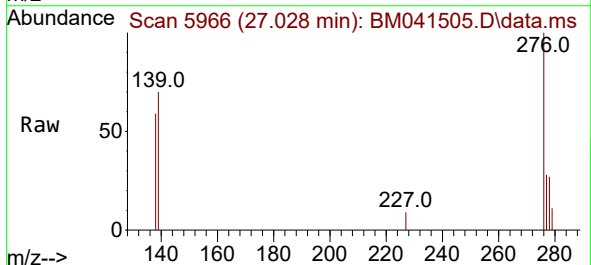
Instrument :
BNA_P
ClientSampleId :
EZYH2

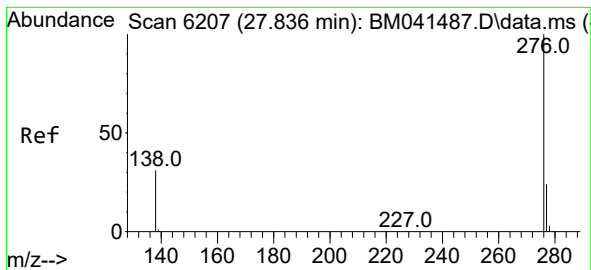
Tgt Ion:276 Resp: 143644
Ion Ratio Lower Upper
276 100
138 30.1 27.8 41.6
227 0.0 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 27.028 min Scan# 5966
Delta R.T. -0.017 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

Tgt Ion:278 Resp: 33819
Ion Ratio Lower Upper
278 100
139 263.2 21.9 32.9#
279 40.0 21.4 32.0#





#29

Benzo(g,h,i)perylene

Concen: 1.707 ng/ul

RT: 27.860 min Scan# 61

Delta R.T. 0.007 min

Lab File: BM041505.D

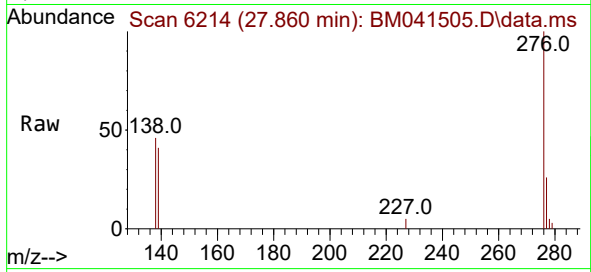
Acq: 25 Aug 2023 22:13

Instrument :

BNA_P

ClientSampleId :

EZYH2



Tgt Ion:276 Resp: 162938

Ion Ratio Lower Upper

276 100

138 46.0 25.9 38.9#

277 25.9 19.4 29.2

