

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041667.D
 Acq On : 06 Sep 2023 20:25
 Operator : MA/JU
 Sample : 04113-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH6

Quant Time: Sep 06 21:05:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

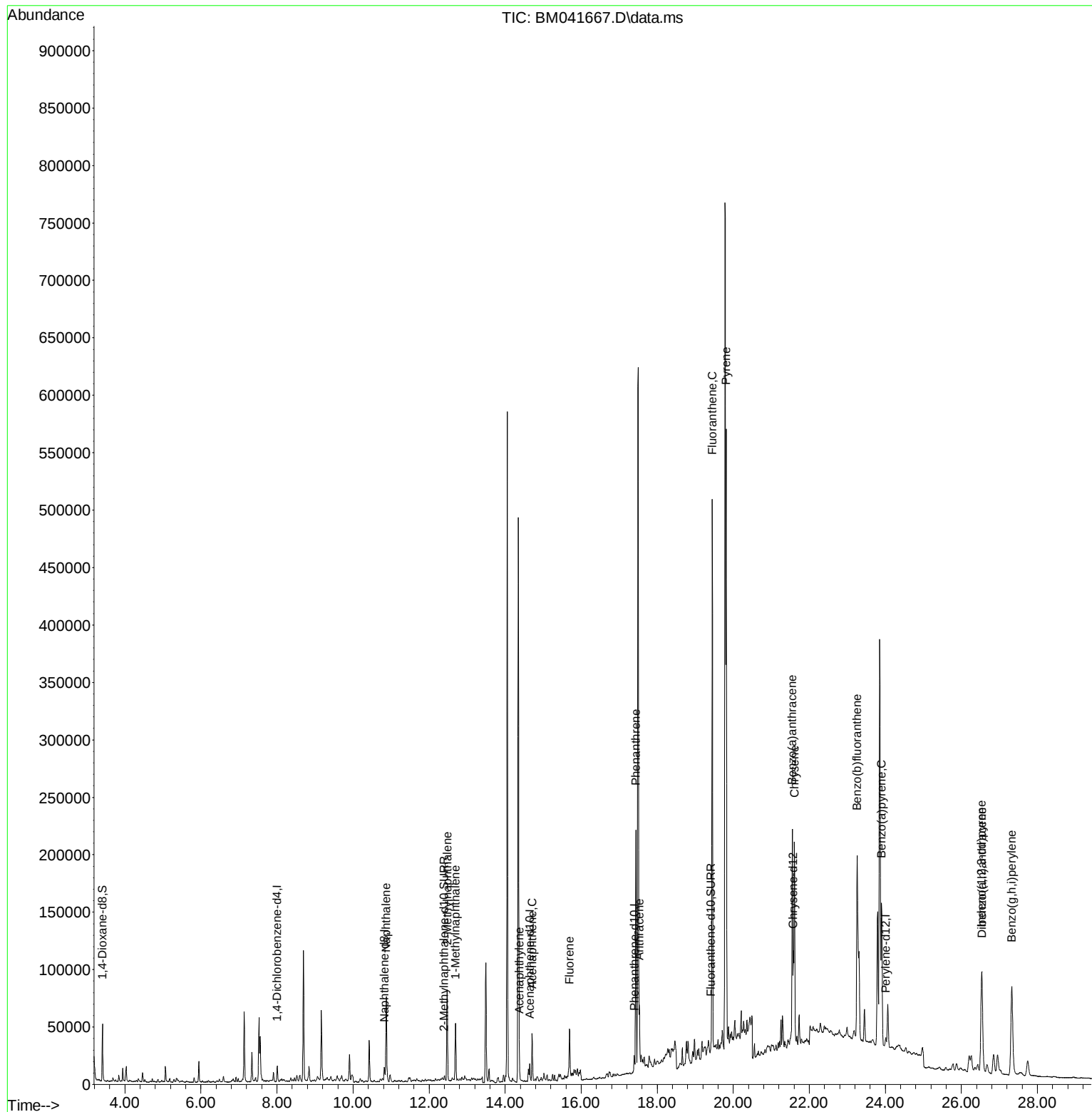
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6152	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	15927	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	8213	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15654	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	8855	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	9805	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	27100	2.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3564	0.174	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6578	0.153	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.873	128	101458	1.940	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	54488	1.835	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	32719	1.097	ng/ul	99
10) Acenaphthylene	14.375	152	12737	0.251	ng/ul#	92
11) Acenaphthene	14.708	153	24210	0.614	ng/ul	98
12) Fluorene	15.693	166	27534	0.622	ng/ul	97
15) Phenanthrene	17.438	178	222162	3.361	ng/ul	99
16) Anthracene	17.531	178	54884	0.969	ng/ul#	95
19) Fluoranthene	19.450	202	395018	3.780	ng/ul	99
20) Pyrene	19.817	202	434485	4.186	ng/ul	98
21) Benzo(a)anthracene	21.553	228	157620	2.183	ng/ul#	92
22) Chrysene	21.609	228	150525	1.932	ng/ul#	90
24) Benzo(b)fluoranthene	23.260	252	282008	3.214	ng/ul	87
26) Benzo(a)pyrene	23.901	252	178107	2.498	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.532	276	157167	1.607	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.545	278	38283	0.558	ng/ul#	69
29) Benzo(g,h,i)perylene	27.327	276	173948	2.007	ng/ul	98

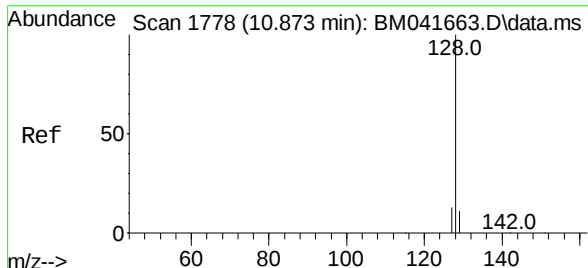
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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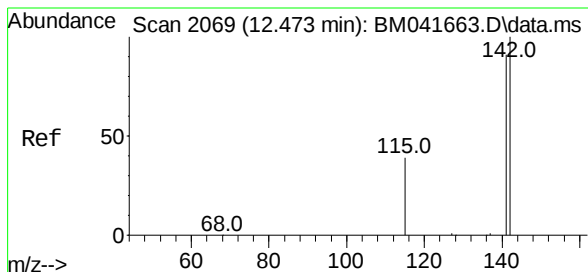
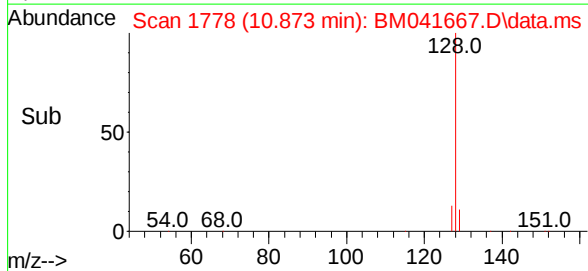
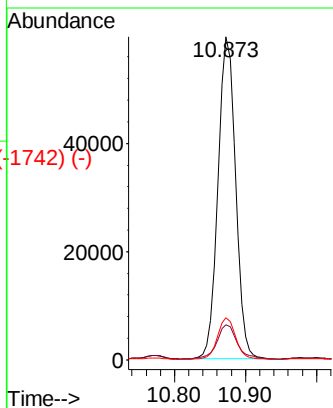
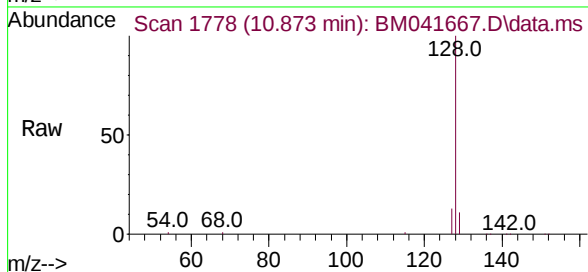




Scan 1778 (10.873 min): BM041663.D\data.ms (-1757) (-)
 Naphthalene
 Concen: 1.940 ng/ul
 RT: 10.873 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: BM041667.D
 Acq: 06 Sep 2023 20:25

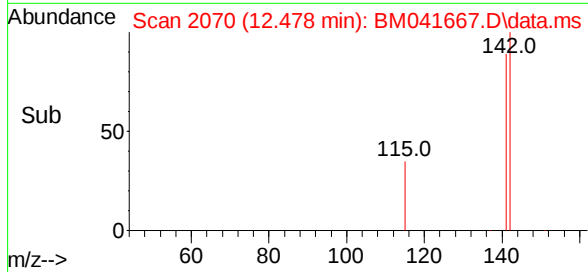
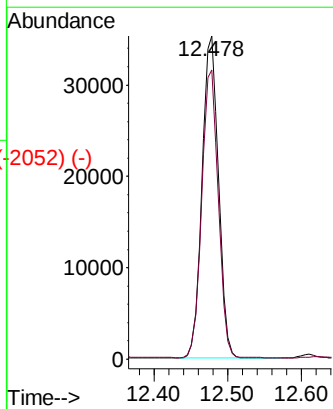
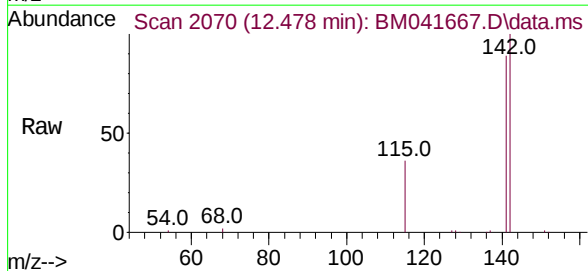
Instrument :
 BNA_M
 ClientSampleId :
 EZYH6

Tgt Ion:	128	Resp:	101458
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.1	11.0	16.6

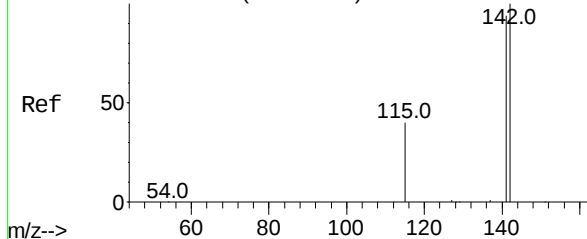


Scan 2070 (12.478 min): BM041663.D\data.ms (-2070) (-)
 2-Methylnaphthalene
 Concen: 1.835 ng/ul
 RT: 12.478 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: BM041667.D
 Acq: 06 Sep 2023 20:25

Tgt Ion:	142	Resp:	54488
Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.2



Abundance Scan 2109 (12.693 min): BM041663.D\data.ms (-2009) (-)

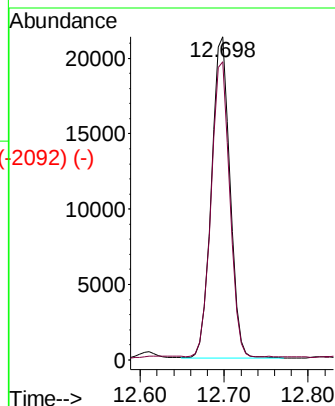
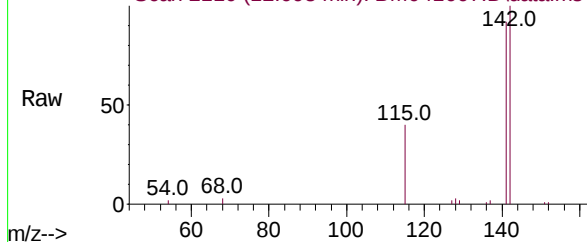


1-Methylnaphthalene
Concen: 1.097 ng/ul
RT: 12.698 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

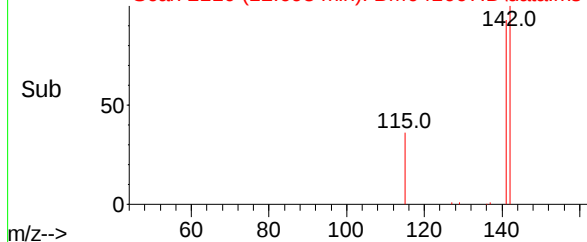
Instrument :
BNA_M
ClientSampleId :
EZYH6

Tgt Ion:142 Resp: 32719
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6

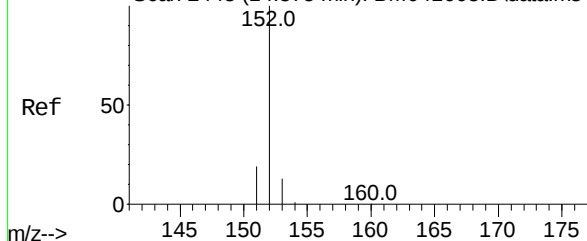
Abundance Scan 2110 (12.698 min): BM041667.D\data.ms



Abundance Scan 2110 (12.698 min): BM041667.D\data.ms (-2092) (-)



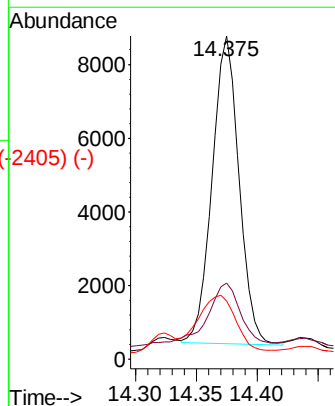
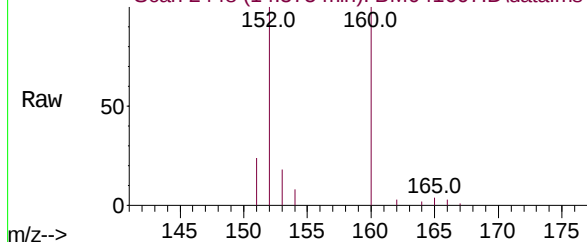
Abundance Scan 2448 (14.375 min): BM041663.D\data.ms (-2419) (-)



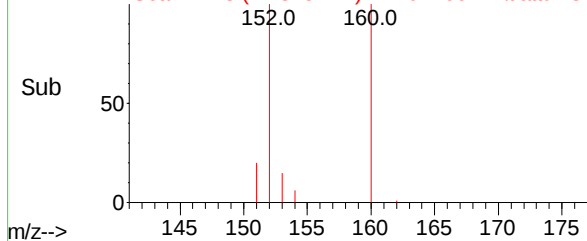
Acenaphthylene
Concen: 0.251 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

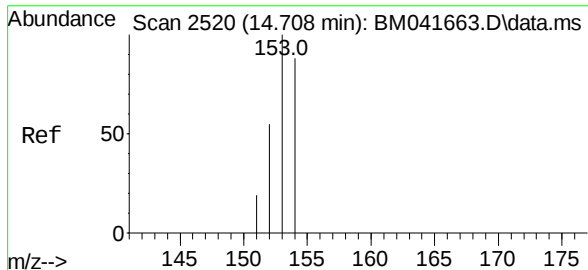
Tgt Ion:152 Resp: 12737
Ion Ratio Lower Upper
152 100
151 23.6 16.4 24.6
153 18.1 11.1 16.7#

Abundance Scan 2448 (14.375 min): BM041667.D\data.ms



Abundance Scan 2448 (14.375 min): BM041667.D\data.ms (-2405) (-)





Acenaphthene

Concen: 0.614 ng/ul

RT: 14.708 min Scan# 2520

Delta R.T. -0.005 min

Lab File: BM041667.D

Acq: 06 Sep 2023 20:25

Instrument :

BNA_M

ClientSampleId :

EZYH6

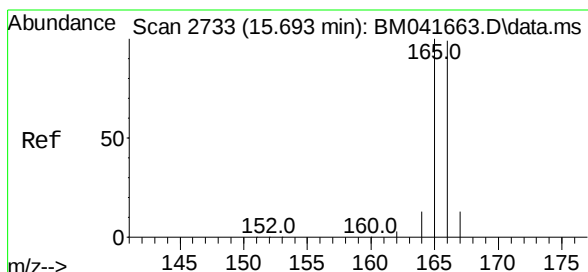
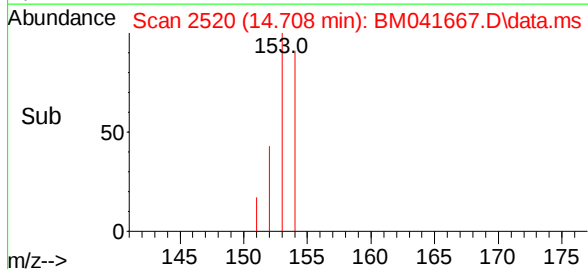
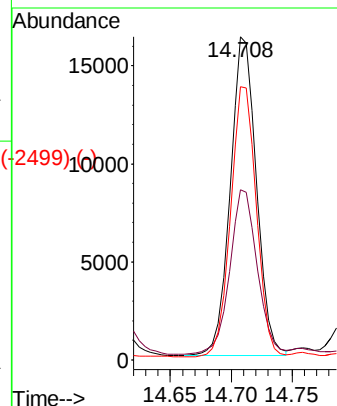
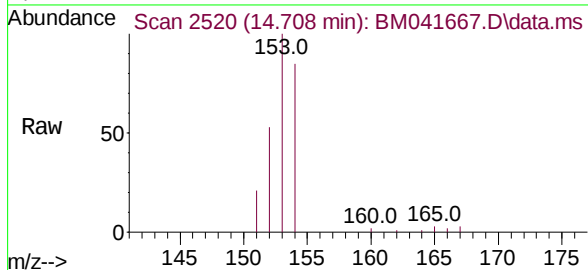
Tgt Ion:153 Resp: 24210

Ion Ratio Lower Upper

153 100

152 52.7 43.4 65.2

154 84.5 69.4 104.0



Fluorene

Concen: 0.622 ng/ul

RT: 15.693 min Scan# 2733

Delta R.T. -0.005 min

Lab File: BM041667.D

Acq: 06 Sep 2023 20:25

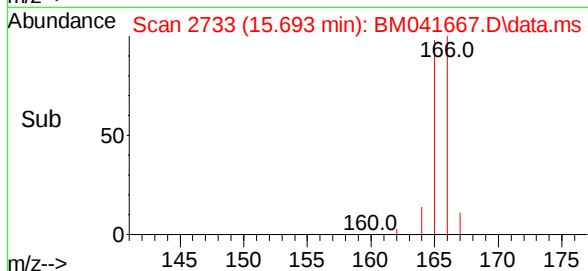
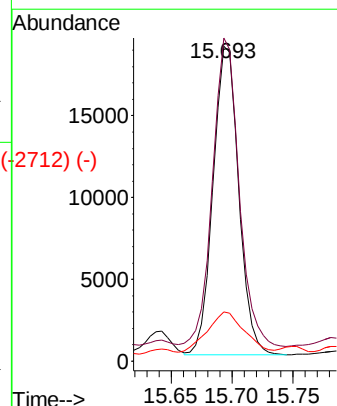
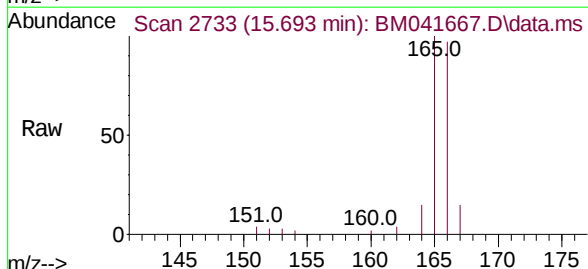
Tgt Ion:166 Resp: 27534

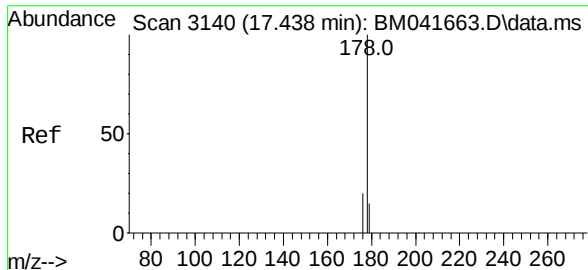
Ion Ratio Lower Upper

166 100

165 102.7 79.4 119.2

167 15.5 11.3 16.9

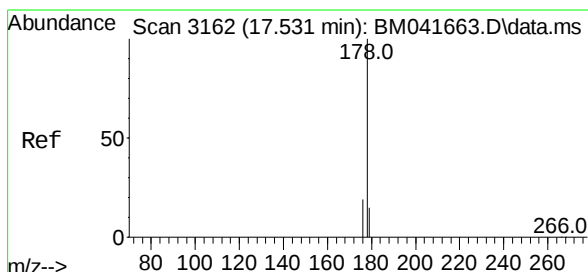
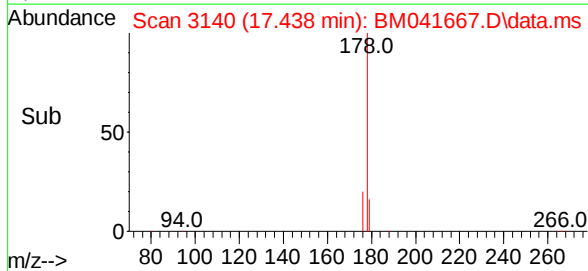
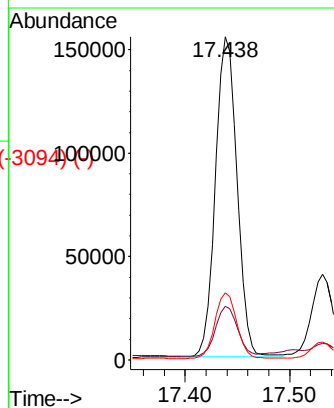
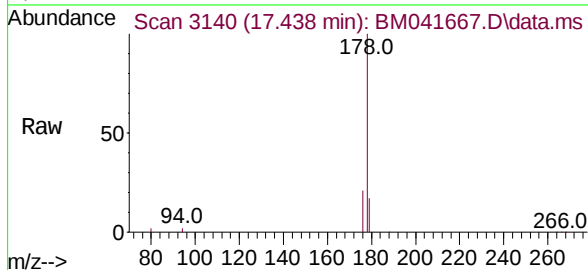




Phenanthrene
Concen: 3.361 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

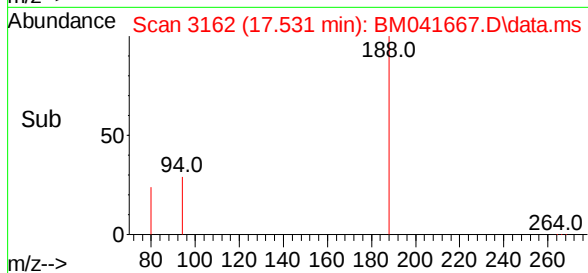
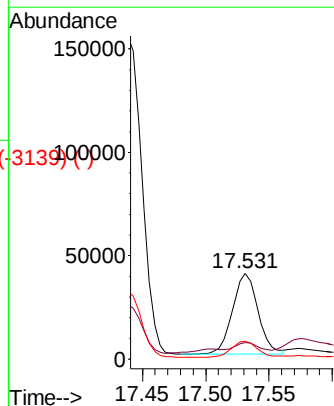
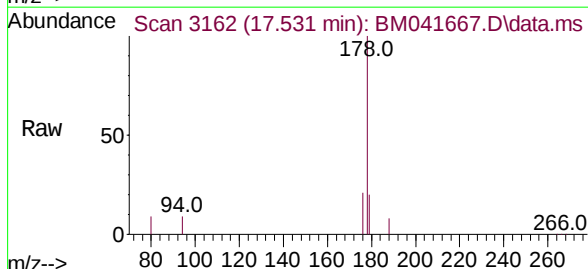
Instrument :
BNA_M
ClientSampleId :
EZYH6

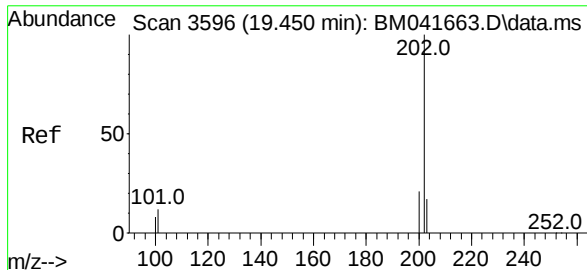
Tgt Ion:	178	Resp:	222162
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	20.8	16.9	25.3



Anthracene
Concen: 0.969 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041667.D
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Tgt Ion:	178	Resp:	54884
Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.9	19.3#
176	20.9	15.8	23.8

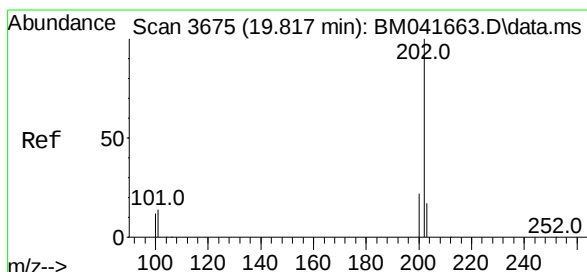
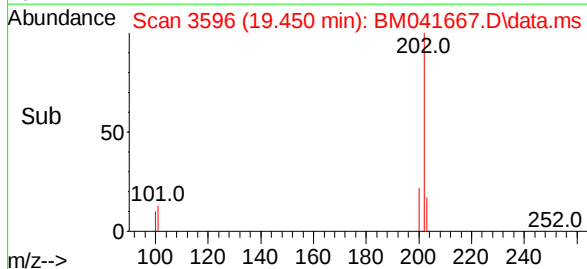
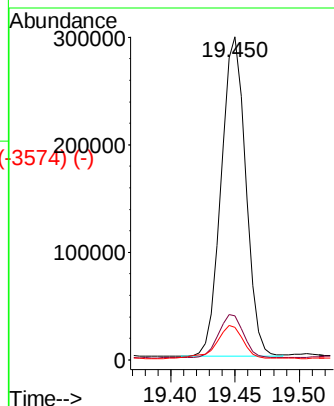
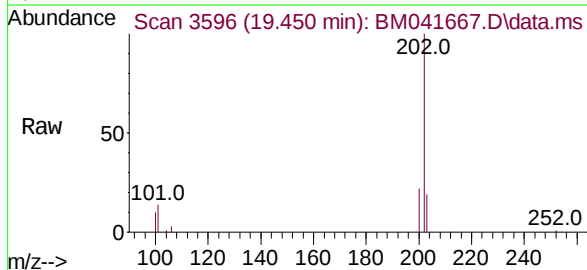




Fluoranthene
Concen: 3.780 ng/u1
RT: 19.450 min Scan# 3596
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

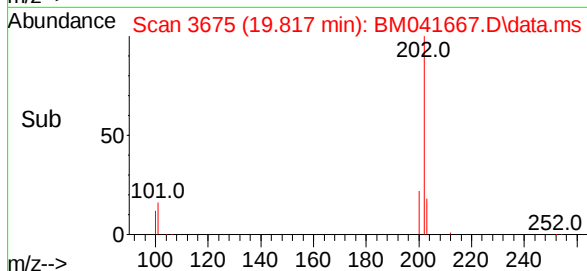
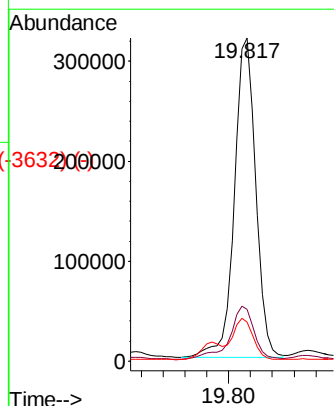
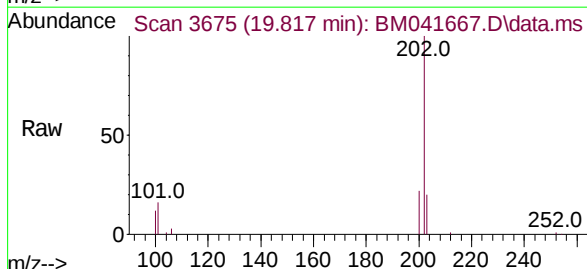
Instrument :
BNA_M
ClientSampleId :
EZYH6

Tgt Ion:	202	Resp:	395018
Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.5	15.7
100	10.0	8.4	12.6

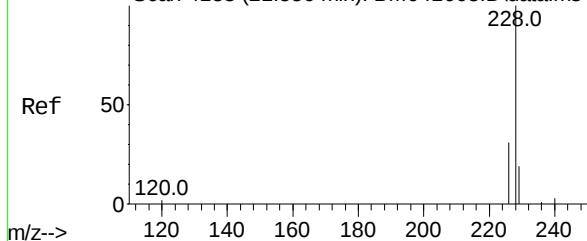


Pyrene
Concen: 4.186 ng/u1
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

Tgt Ion:	202	Resp:	434485
Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.8	17.8
100	12.1	9.8	14.6



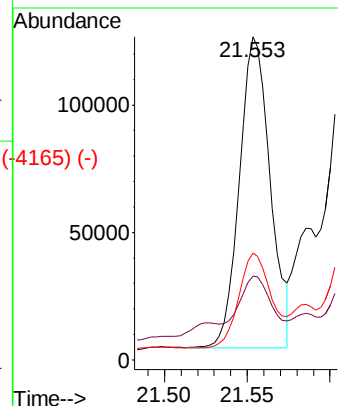
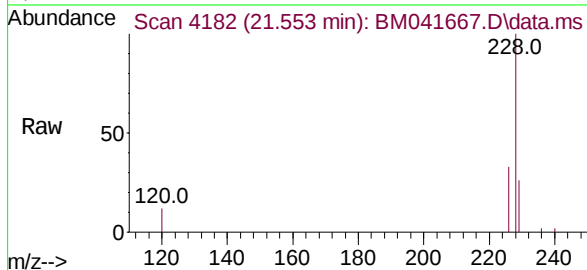
Abundance Scan 4183 (21.556 min): BM041663.D\data.ms (-4120) (-)



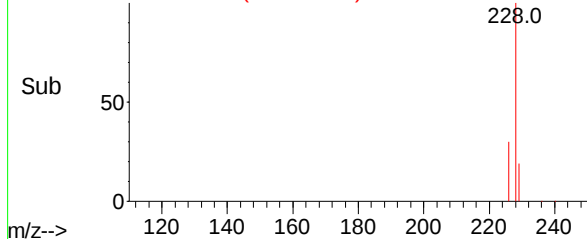
Benzo(a)anthracene
Concen: 2.183 ng/u1
RT: 21.553 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

Instrument :
BNA_M
ClientSampleId :
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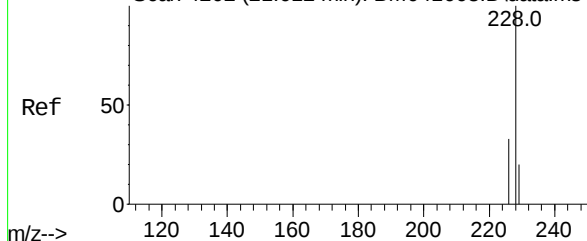
Tgt Ion:	228	Resp:	157620
Ion	Ratio	Lower	Upper
228	100		
229	25.9	15.8	23.6#
226	33.1	24.8	37.2



Abundance Scan 4182 (21.553 min): BM041667.D\data.ms (-4165) (-)

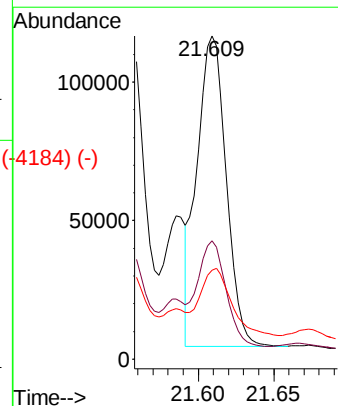
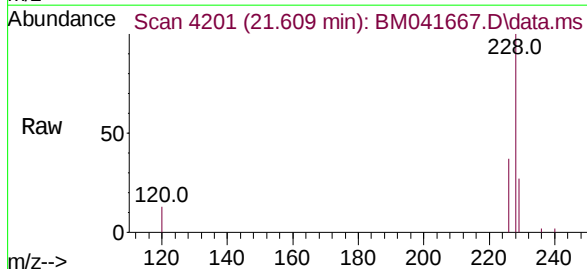


Abundance Scan 4202 (21.612 min): BM041663.D\data.ms (-4122) (-)

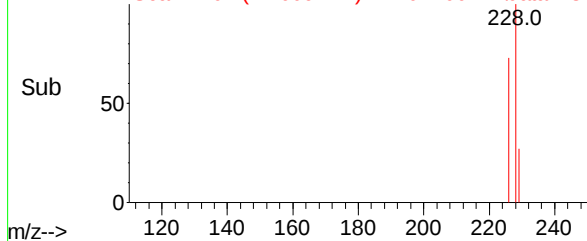


Chrysene
Concen: 1.932 ng/u1
RT: 21.609 min Scan# 4201
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

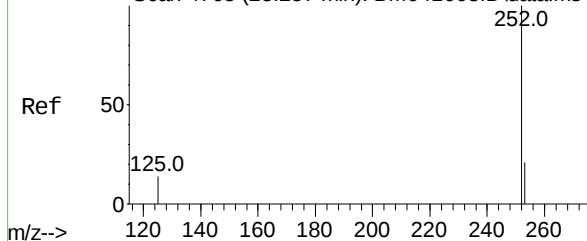
Tgt Ion:	228	Resp:	150525
Ion	Ratio	Lower	Upper
228	100		
226	36.6	27.0	40.6
229	27.5	15.4	23.2#



Abundance Scan 4201 (21.609 min): BM041667.D\data.ms (-4184) (-)



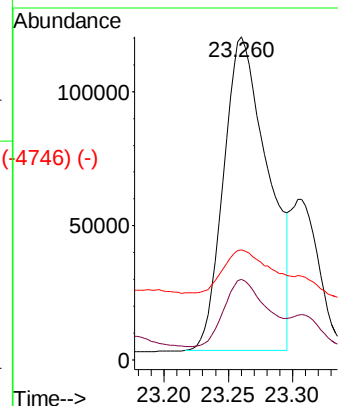
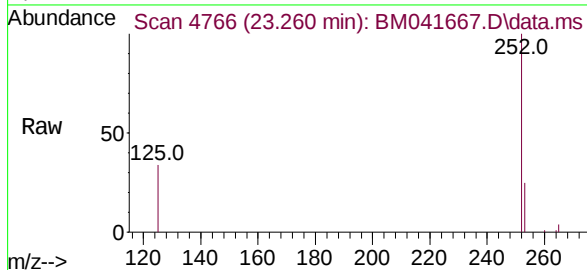
Abundance Scan 4765 (23.257 min): BM041663.D\data.ms (-4765) (-)



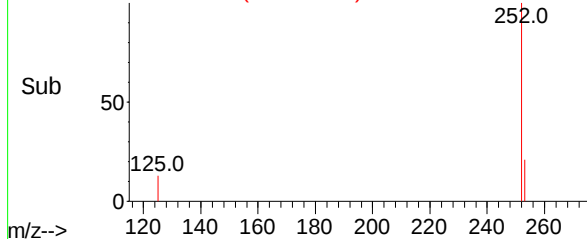
Benzo(b)fluoranthene
Concen: 3.214 ng/ul
RT: 23.260 min Scan# 4765
Delta R.T. 0.009 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

Instrument :
BNA_M
ClientSampleId :
EZYH6

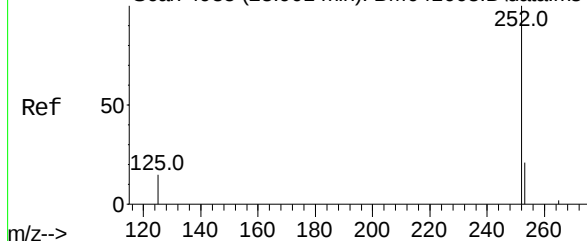
Tgt Ion:	252	Resp:	282008
Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	52.4
125	34.0	0.0	42.8



Abundance Scan 4766 (23.260 min): BM041667.D\data.ms (-4766) (-)

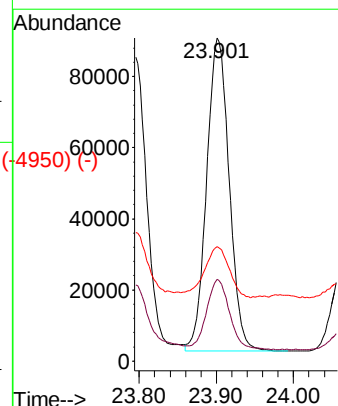
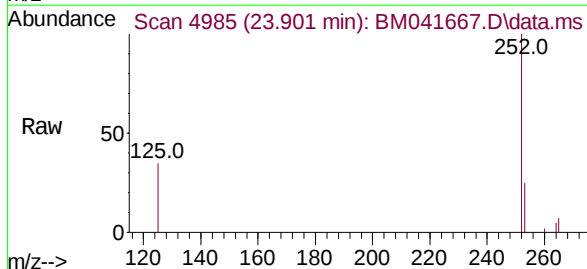


Abundance Scan 4985 (23.901 min): BM041663.D\data.ms (-4985) (-)

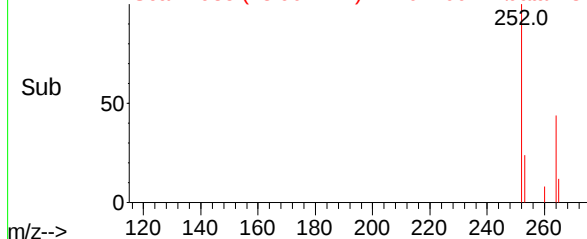


Benzo(a)pyrene
Concen: 2.498 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. 0.003 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

Tgt Ion:	252	Resp:	178107
Ion	Ratio	Lower	Upper
252	100		
253	25.3	22.4	33.6
125	35.5	21.0	31.4#



Abundance Scan 4985 (23.901 min): BM041667.D\data.ms (-4950) (-)



Abundance Scan 5819 (26.535 min): BM041663.D\data.ms (-5727) (-)

Indeno(1,2,3-cd)pyrene

Concen: 1.607 ng/ul

RT: 26.532 min Scan# 5819

Delta R.T. 0.000 min

Lab File: BM041667.D

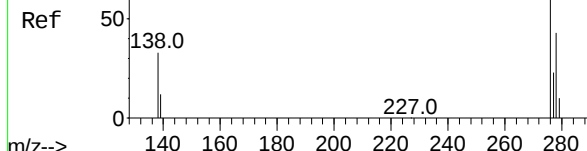
Acq: 06 Sep 2023 20:25

Instrument :

BNA_M

ClientSampleId :

EZYH6



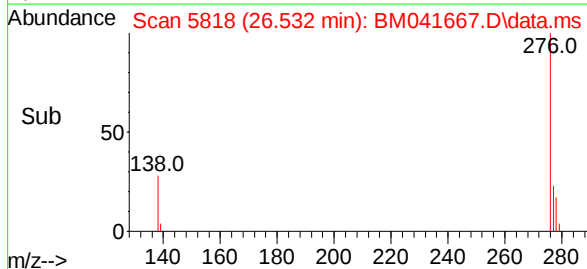
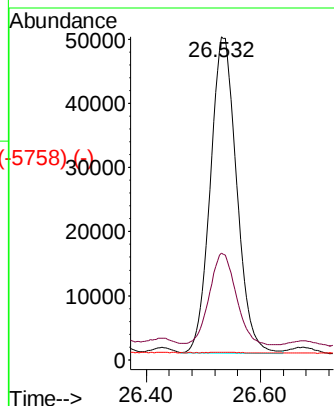
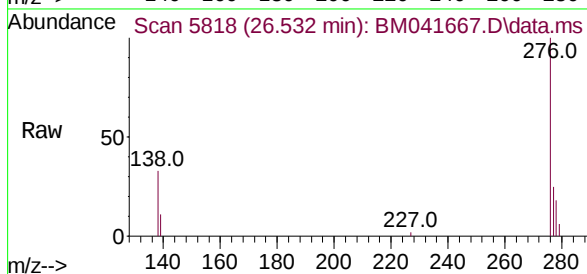
Tgt Ion:276 Resp: 157167

Ion Ratio Lower Upper

276 100

138 29.5 26.4 39.6

227 0.3 0.1 0.1#



Abundance Scan 5825 (26.555 min): BM041663.D\data.ms (-5728) (-)

Dibenzo(a,h)anthracene

Concen: 0.558 ng/ul

RT: 26.545 min Scan# 5822

Delta R.T. -0.007 min

Lab File: BM041667.D

Acq: 06 Sep 2023 20:25

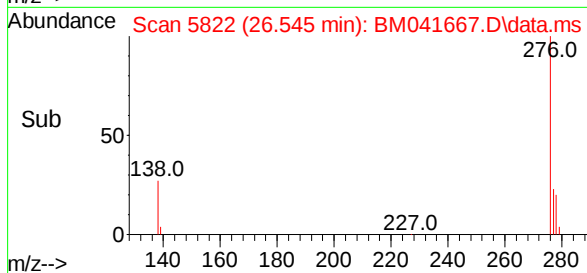
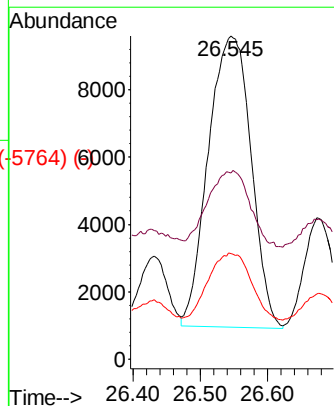
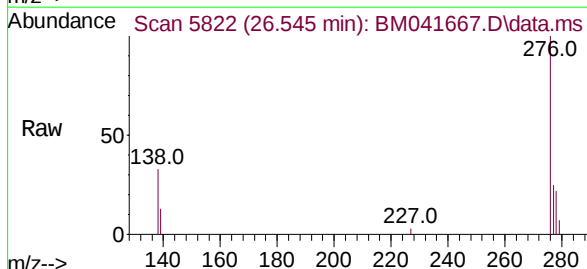
Tgt Ion:278 Resp: 38283

Ion Ratio Lower Upper

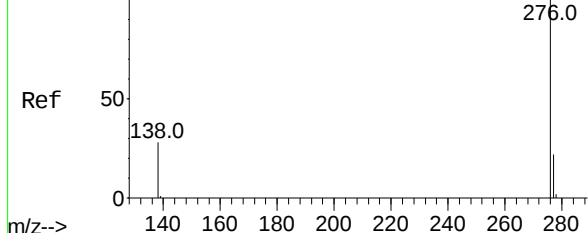
278 100

139 57.5 23.0 34.6#

279 32.7 22.9 34.3



Abundance Scan 6053 (27.320 min): BM041663.D\data.ms (-6529) (-)



Benzo(g,h,i)perylene
Concen: 2.007 ng/u1
RT: 27.327 min Scan# 6053
Delta R.T. 0.010 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

Instrument :
BNA_M
ClientSampleId :
EZYH6

Tgt Ion:	276	Resp:	173948
Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.4
277	24.3	20.2	30.2

