

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040619.D
 Acq On : 04 Jul 2023 19:40
 Operator : MA/JU
 Sample : 03246-10DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:41:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

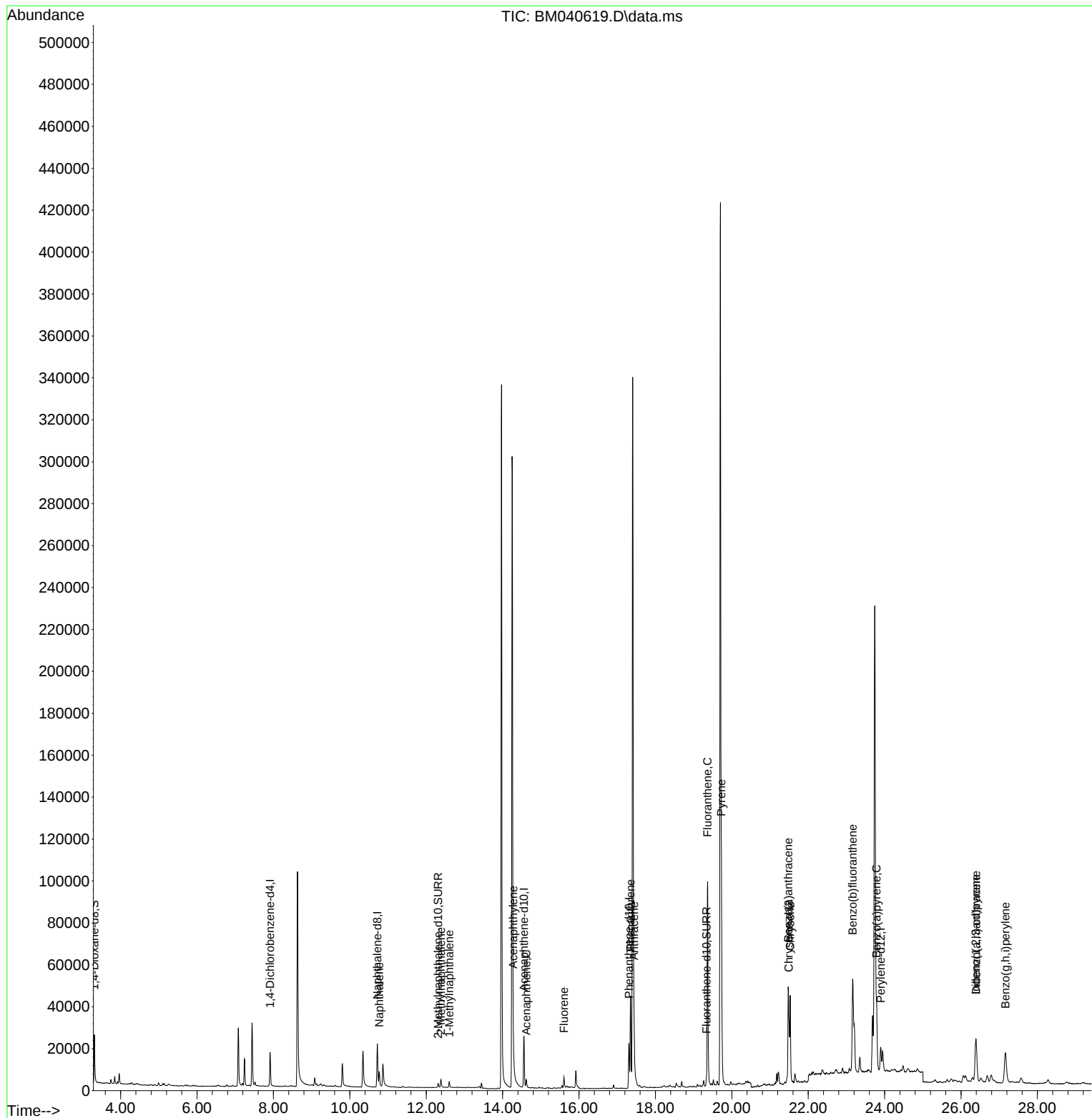
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	8638	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	31795	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.559	164	14402	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	28648	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	16411	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	17218	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	13350	0.984	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	3344	0.075	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	4912	0.093	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.767	128	10649	0.121	ng/ul	96
7) 2-Methylnaphthalene	12.384	142	3385	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.604	142	2043	0.040	ng/ul	99
10) Acenaphthylene	14.276	152	9875	0.153	ng/ul	96
11) Acenaphthene	14.619	153	2259	0.042	ng/ul	97
12) Fluorene	15.604	166	3695	0.064	ng/ul#	96
15) Phenanthrene	17.349	178	54127	0.608	ng/ul	99
16) Anthracene	17.438	178	13251	0.177	ng/ul	96
19) Fluoranthene	19.366	202	95129	1.365	ng/ul	96
20) Pyrene	19.728	202	78819	1.055	ng/ul	98
21) Benzo(a)anthracene	21.477	228	40641	0.732	ng/ul	94
22) Chrysene	21.526	228	49862	0.787	ng/ul	96
24) Benzo(b)fluoranthene	23.163	252	82544	1.239	ng/ul	96
26) Benzo(a)pyrene	23.789	252	44871	0.748	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.390	276	39874	0.477	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.394	278	9675	0.148	ng/ul#	65
29) Benzo(g,h,i)perylene	27.162	276	38118	0.520	ng/ul	98

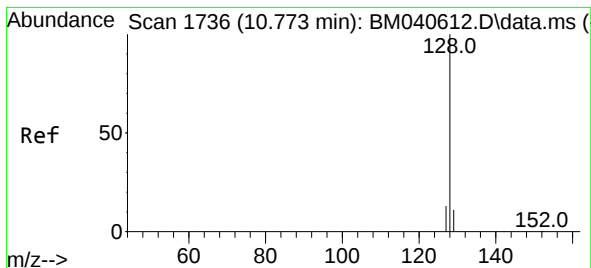
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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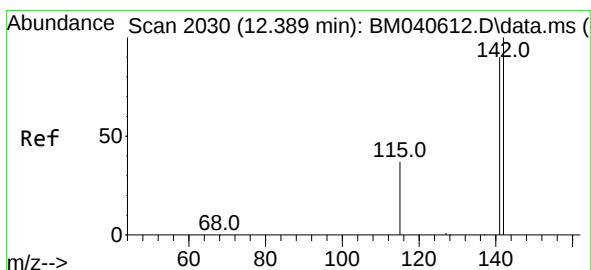
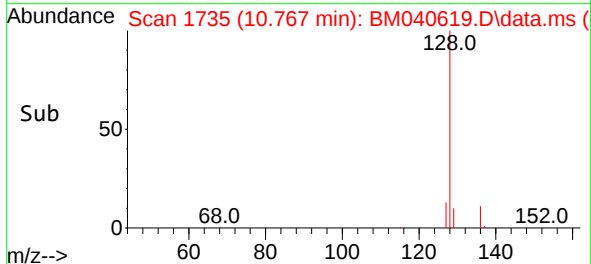
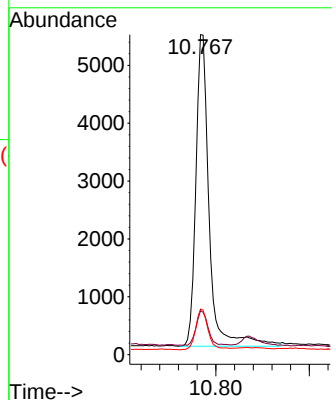
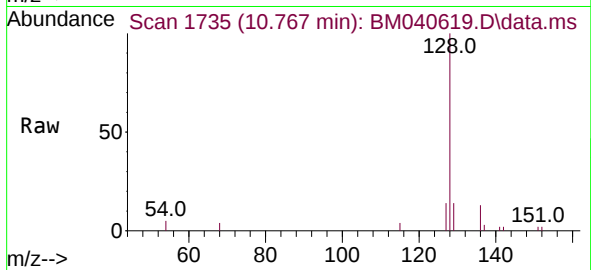




#5
Naphthalene
Concen: 0.121 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. -0.017 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

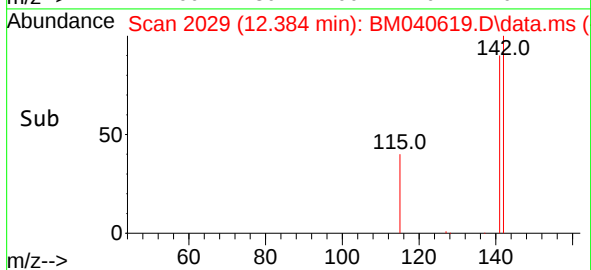
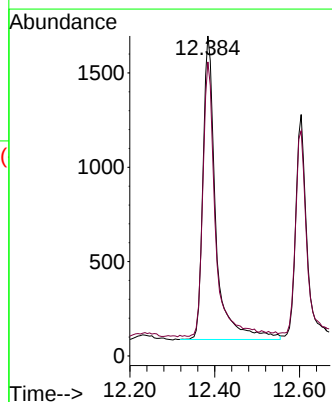
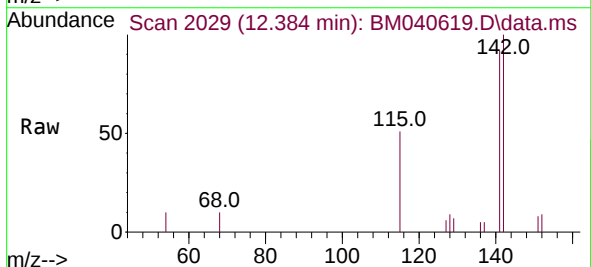
Instrument :
BNA_M
ClientSampleId :

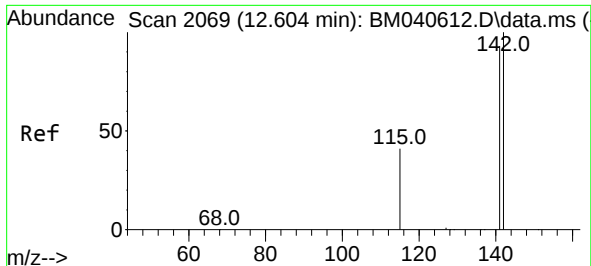
Tgt Ion:128 Resp: 10649
Ion Ratio Lower Upper
128 100
129 13.7 9.2 13.8
127 14.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

Tgt Ion:142 Resp: 3385
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9

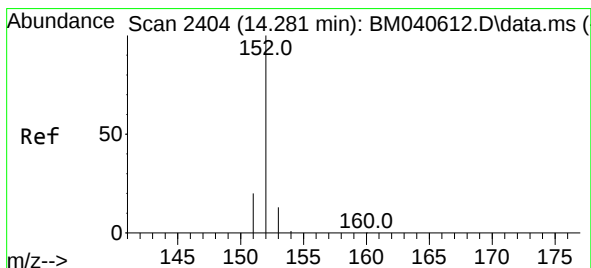
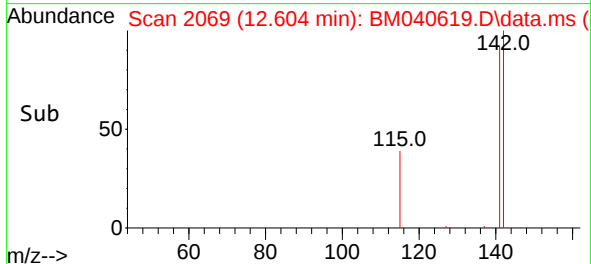
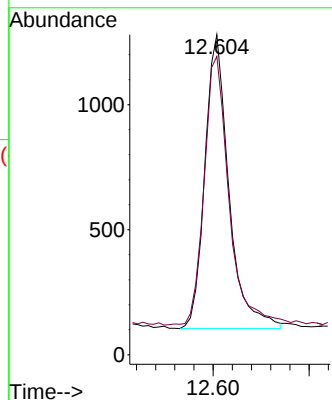
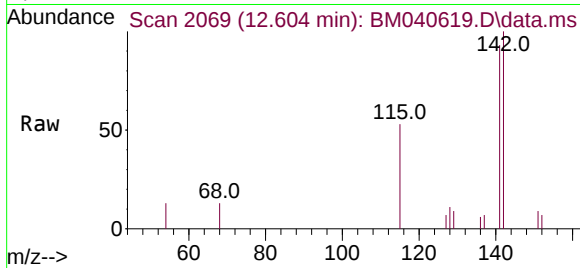




#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

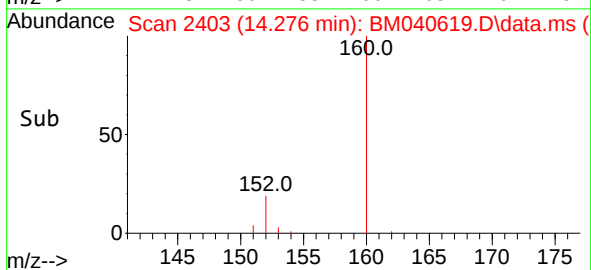
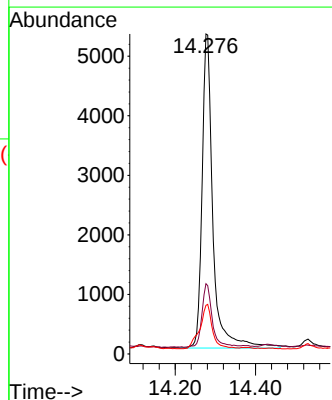
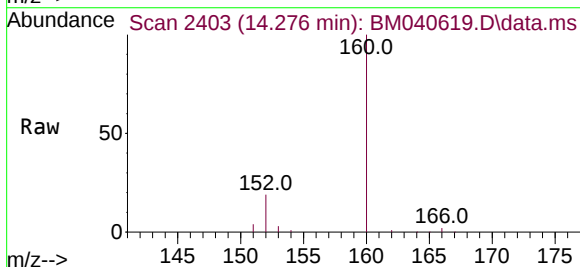
Instrument :
BNA_M
ClientSampleId :

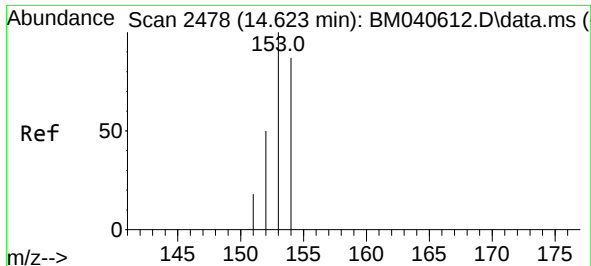
Tgt Ion:142 Resp: 2043
Ion Ratio Lower Upper
142 100
141 93.3 73.7 110.5



#10
Acenaphthylene
Concen: 0.153 ng/ul
RT: 14.276 min Scan# 2403
Delta R.T. -0.014 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

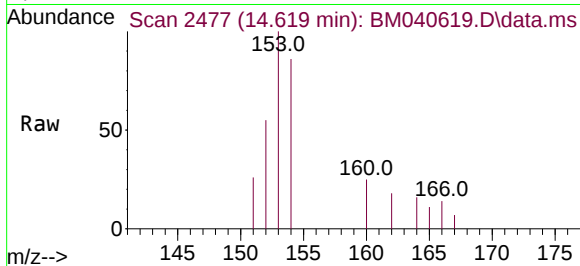
Tgt Ion:152 Resp: 9875
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 15.2 10.9 16.3



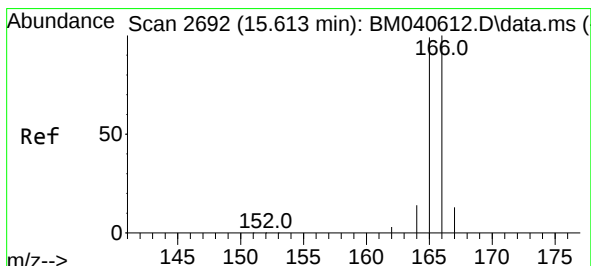
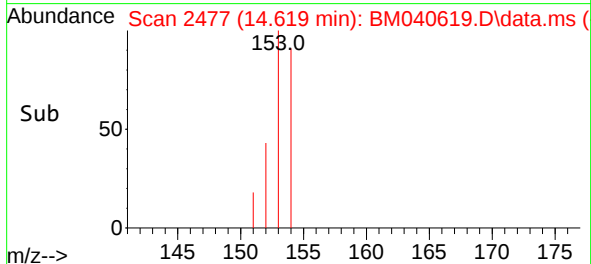
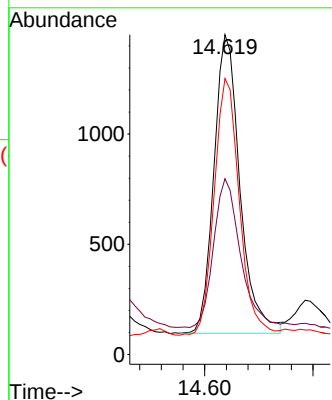


#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. -0.014 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

Instrument :
BNA_M
ClientSampleId :

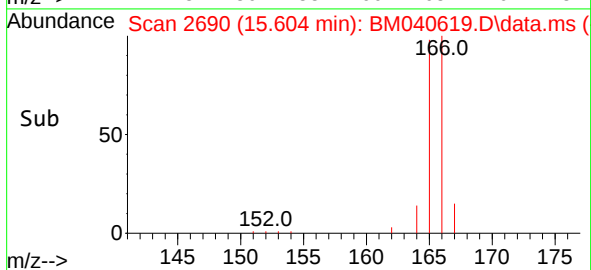
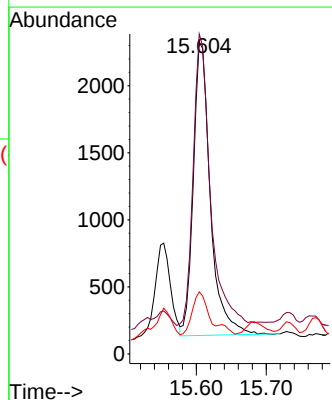
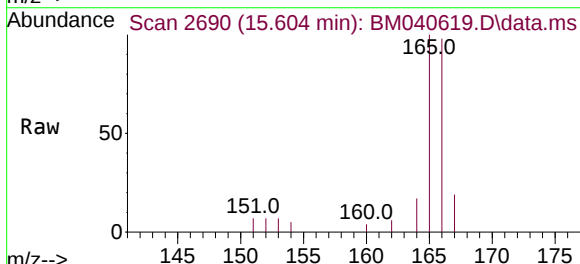


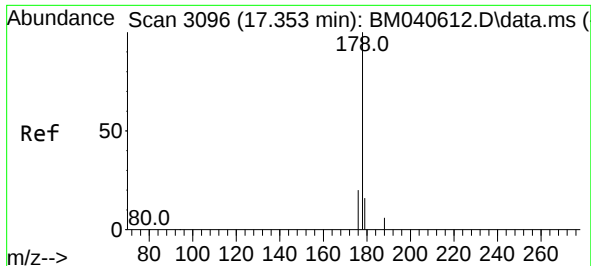
Tgt Ion:153 Resp: 2259
Ion Ratio Lower Upper
153 100
152 55.0 41.0 61.4
154 86.3 70.8 106.2



#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.604 min Scan# 2690
Delta R.T. -0.014 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

Tgt Ion:166 Resp: 3695
Ion Ratio Lower Upper
166 100
165 102.4 79.6 119.4
167 19.8 11.4 17.0#

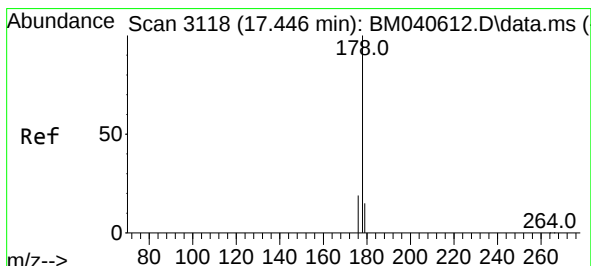
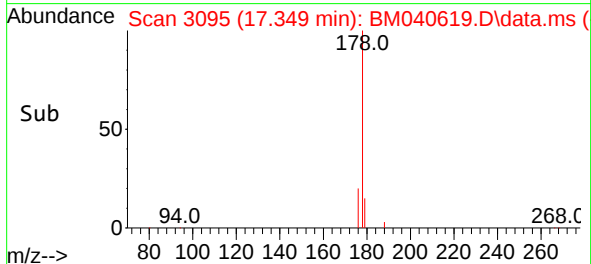
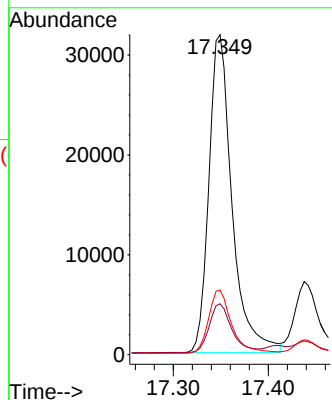
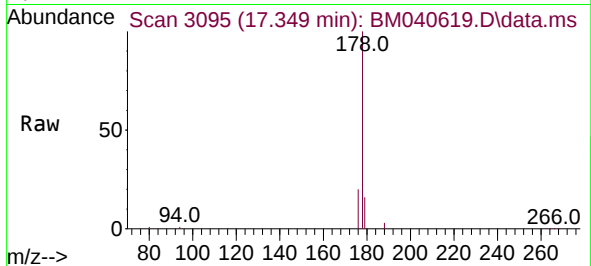




#15
Phenanthrene
Concen: 0.608 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

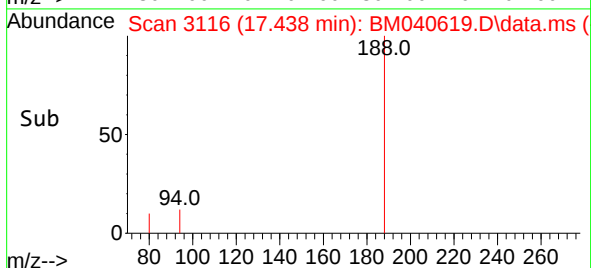
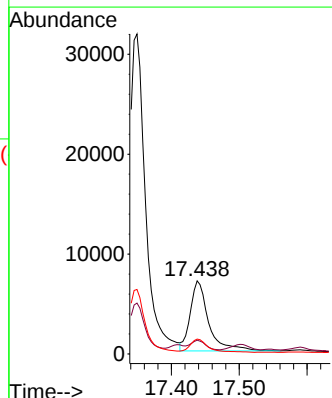
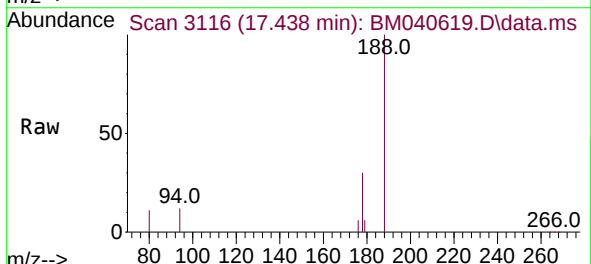
Instrument :
BNA_M
ClientSampleId :

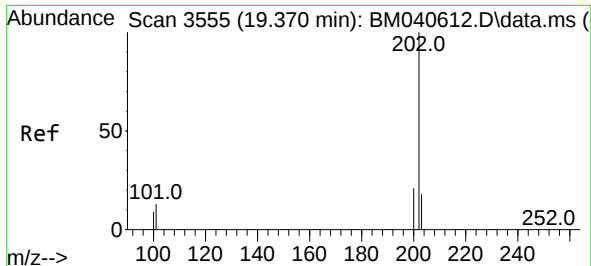
Tgt Ion:178 Resp: 54127
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.2 16.4 24.6



#16
Anthracene
Concen: 0.177 ng/ul
RT: 17.438 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

Tgt Ion:178 Resp: 13251
Ion Ratio Lower Upper
178 100
179 18.8 12.9 19.3
176 20.3 15.8 23.6

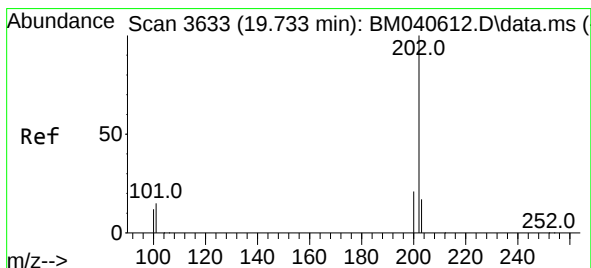
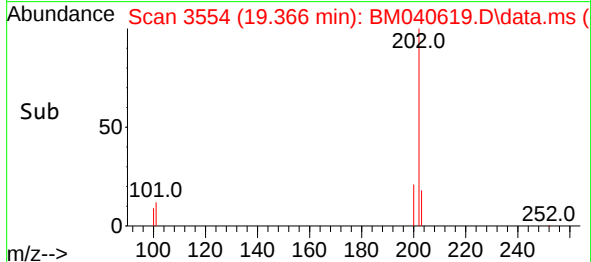
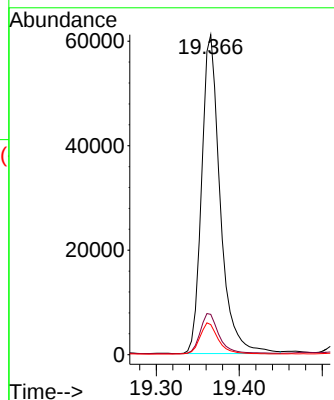
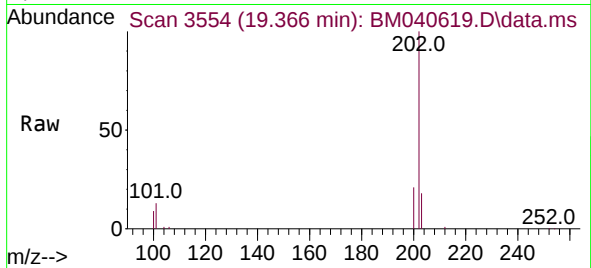




#19
Fluoranthene
Concen: 1.365 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

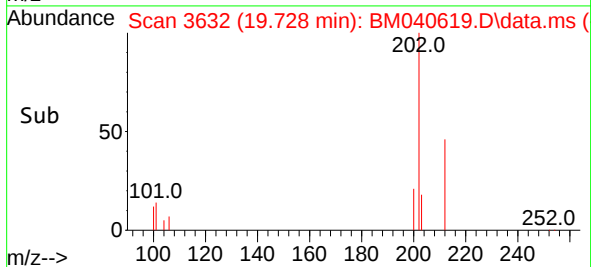
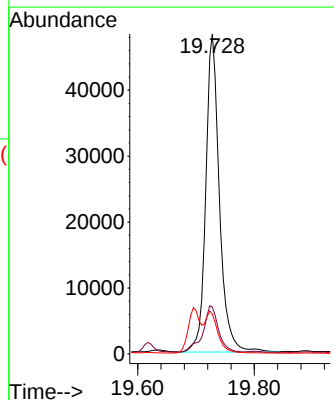
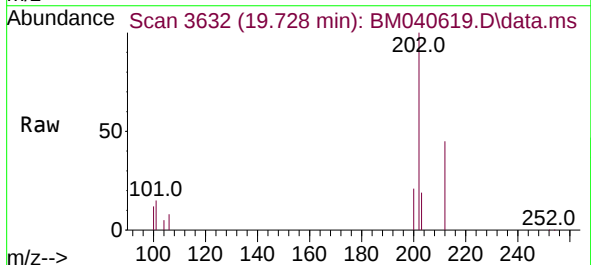
Instrument :
BNA_M
ClientSampleId :

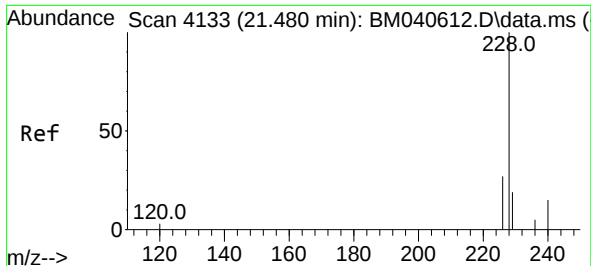
Tgt Ion:202 Resp: 95129
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.4 8.7 13.1



#20
Pyrene
Concen: 1.055 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

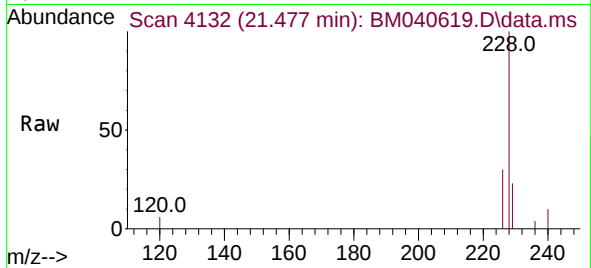
Tgt Ion:202 Resp: 78819
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.4 9.8 14.6



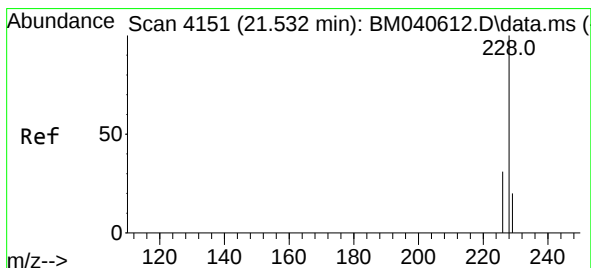
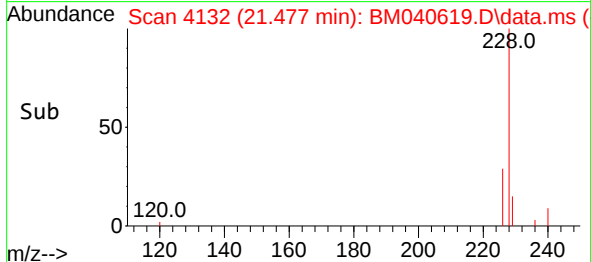
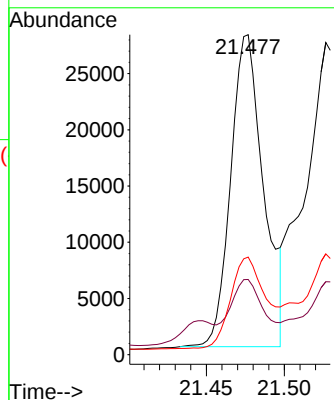


#21
Benzo(a)anthracene
Concen: 0.732 ng/ul
RT: 21.477 min Scan# 4113
Delta R.T. -0.012 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

Instrument :
BNA_M
ClientSampleId :

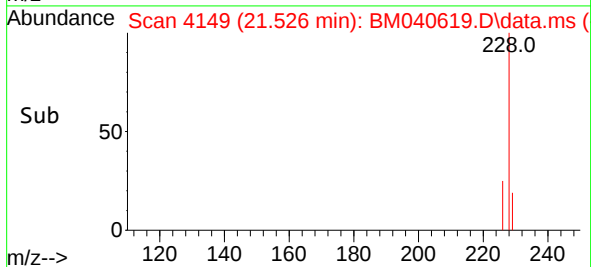
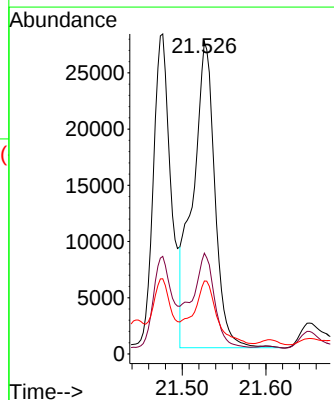
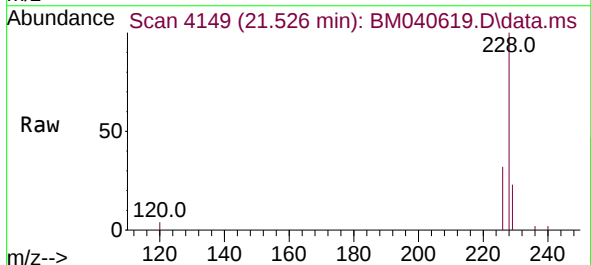


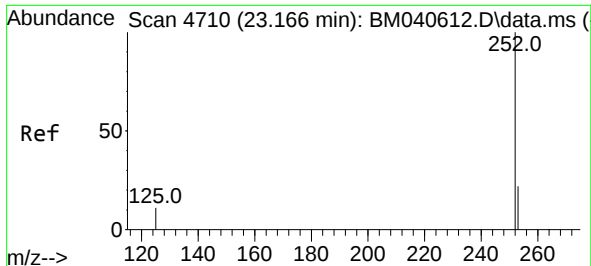
Tgt Ion:228 Resp: 40641
Ion Ratio Lower Upper
228 100
229 23.5 16.0 24.0
226 30.5 22.3 33.5



#22
Chrysene
Concen: 0.787 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.015 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

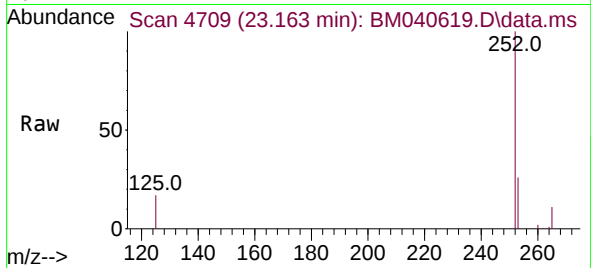
Tgt Ion:228 Resp: 49862
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 23.4 15.8 23.6



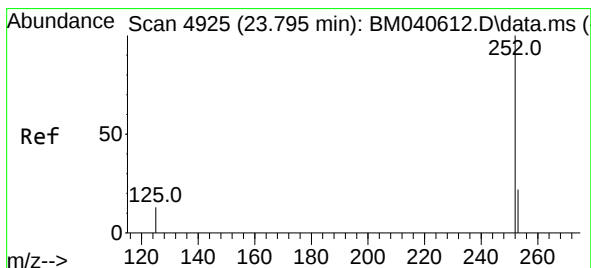
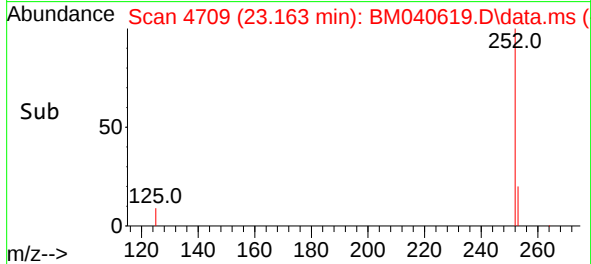
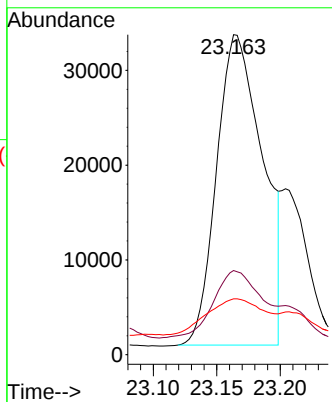


#24
Benzo(b)fluoranthene
Concen: 1.239 ng/ul
RT: 23.163 min Scan# 4710
Delta R.T. -0.018 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

Instrument :
BNA_M
ClientSampleId :

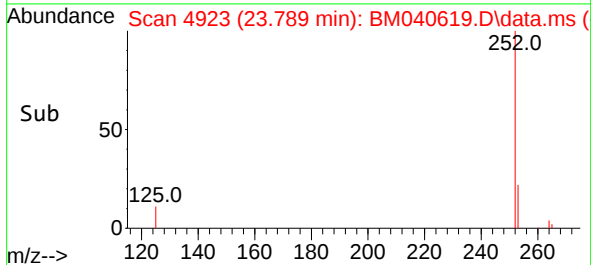
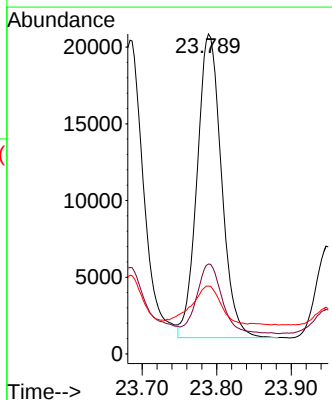
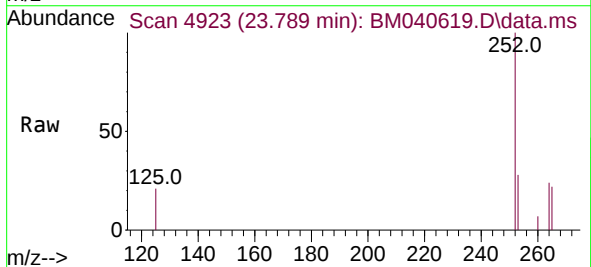


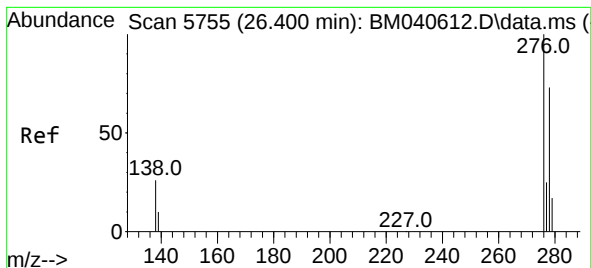
Tgt Ion:252 Resp: 82544
Ion Ratio Lower Upper
252 100
253 26.3 0.0 52.8
125 17.5 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.748 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040619.D
Acq: 04 Jul 2023 19:40

Tgt Ion:252 Resp: 44871
Ion Ratio Lower Upper
252 100
253 28.1 22.9 34.3
125 21.2 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.477 ng/ul

RT: 26.390 min Scan# 5

Delta R.T. -0.027 min

Lab File: BM040619.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_M

ClientSampleId :

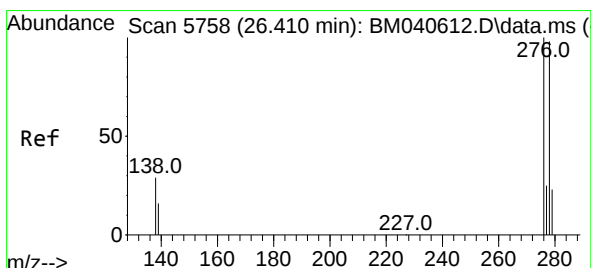
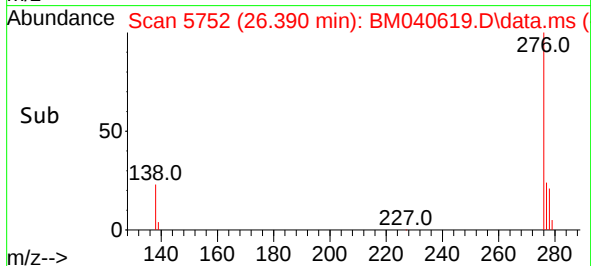
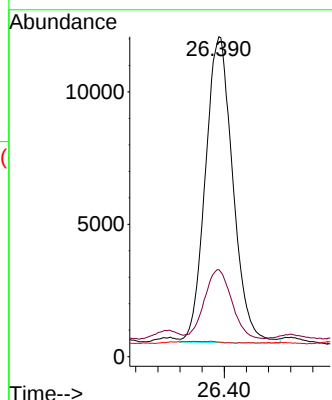
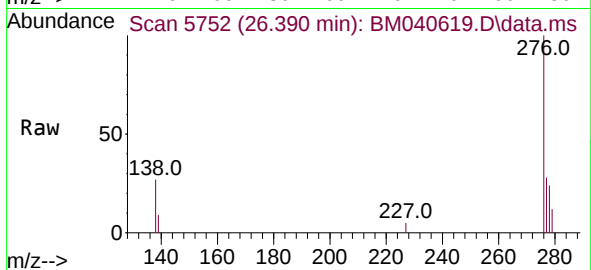
Tgt Ion:276 Resp: 39874

Ion Ratio Lower Upper

276 100

138 22.7 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.148 ng/ul

RT: 26.394 min Scan# 5753

Delta R.T. -0.037 min

Lab File: BM040619.D

Acq: 04 Jul 2023 19:40

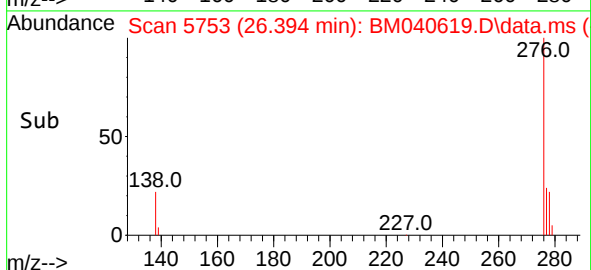
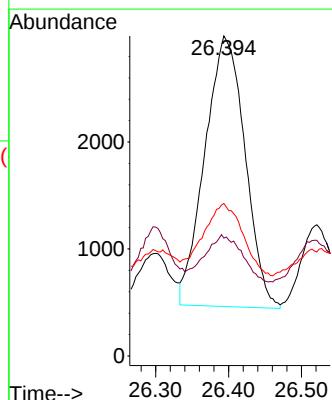
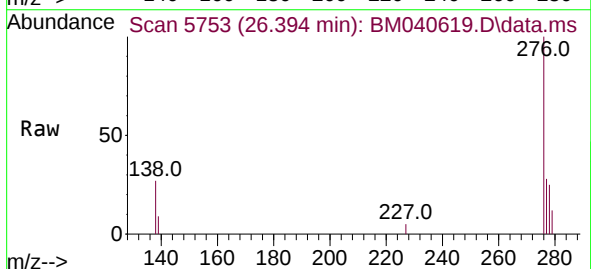
Tgt Ion:278 Resp: 9675

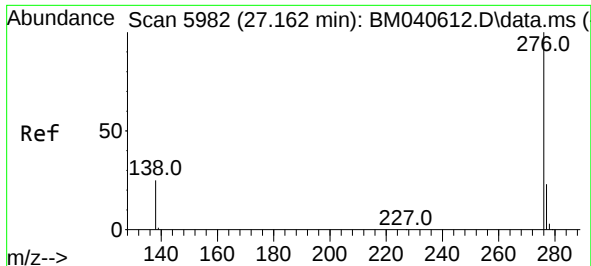
Ion Ratio Lower Upper

278 100

139 36.8 17.9 26.9#

279 47.6 22.0 33.0#





#29

Benzo(g,h,i)perylene

Concen: 0.520 ng/ul

RT: 27.162 min Scan# 5982

Delta R.T. -0.020 min

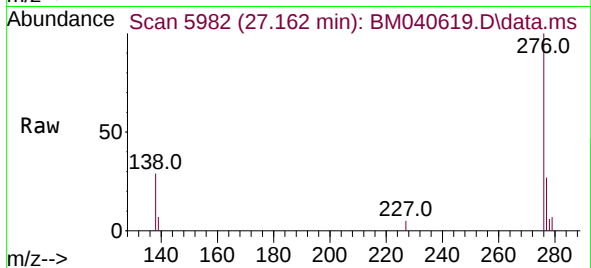
Lab File: BM040619.D

Acq: 04 Jul 2023 19:40

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 38118

Ion Ratio Lower Upper

276 100

138 28.6 23.0 34.6

277 27.4 20.3 30.5

