

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040522.D
 Acq On : 02 Jul 2023 03:18
 Operator : MA/JU
 Sample : 03242-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB2

Quant Time: Jul 02 05:17:21 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

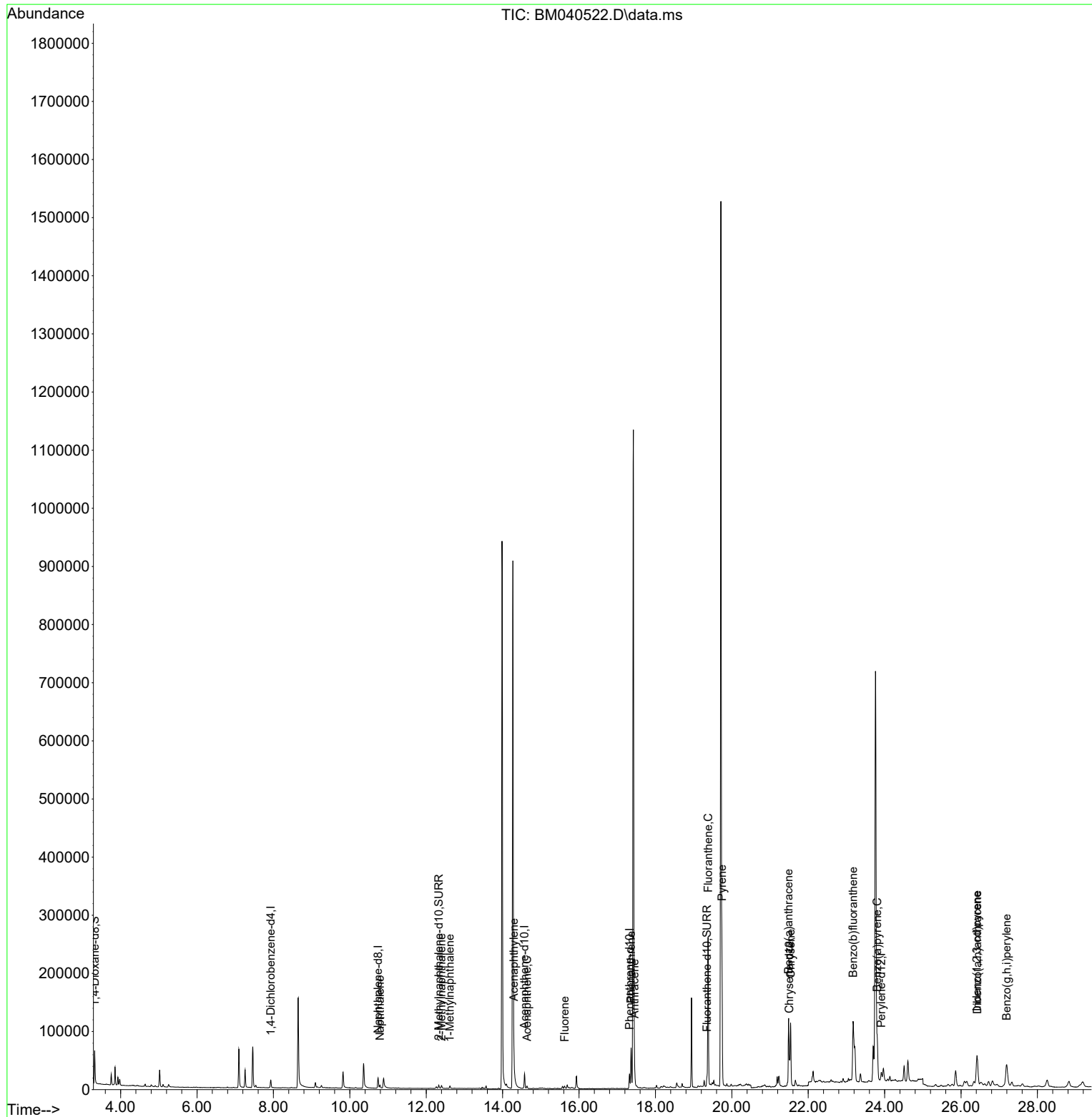
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	7107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	26321	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.573	164	14957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	31053	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	19698	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	19289	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	33394	2.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	8824	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	17973	0.285	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	6966	0.096	ng/ul#	90
7) 2-Methylnaphthalene	12.400	142	4234	0.099	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	3098	0.073	ng/ul	100
10) Acenaphthylene	14.295	152	15993	0.239	ng/ul	97
11) Acenaphthene	14.637	153	2770	0.049	ng/ul	95
12) Fluorene	15.623	166	3012	0.050	ng/ul#	93
15) Phenanthrene	17.362	178	79938	0.829	ng/ul	99
16) Anthracene	17.455	178	17465	0.215	ng/ul	95
19) Fluoranthene	19.380	202	223640	2.673	ng/ul	95
20) Pyrene	19.742	202	184441	2.056	ng/ul	97
21) Benzo(a)anthracene	21.486	228	100395	1.507	ng/ul	97
22) Chrysene	21.538	228	122207	1.608	ng/ul	97
24) Benzo(b)fluoranthene	23.178	252	178503	2.391	ng/ul	96
26) Benzo(a)pyrene	23.806	252	106753	1.588	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.417	276	97926	1.046	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.427	278	23858	0.325	ng/ul#	81
29) Benzo(g,h,i)perylene	27.195	276	89732	1.093	ng/ul	98

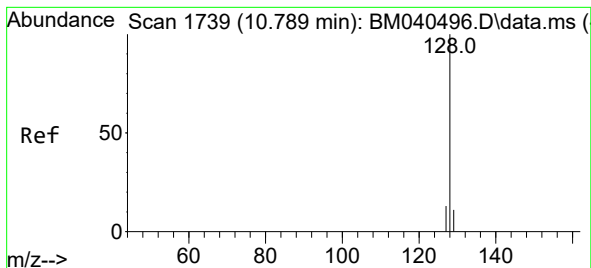
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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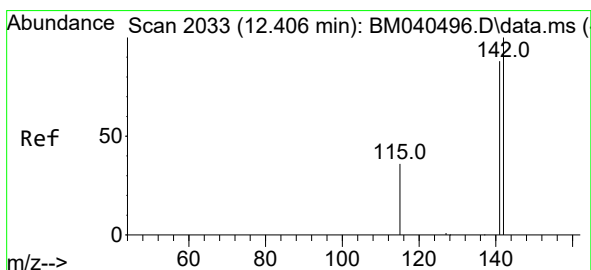
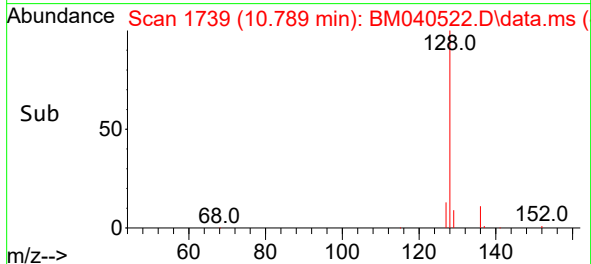
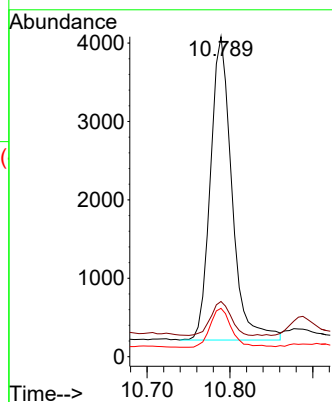
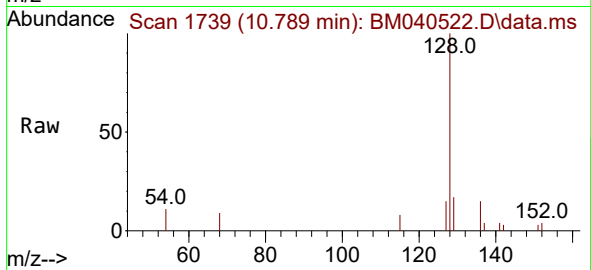




#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.789 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

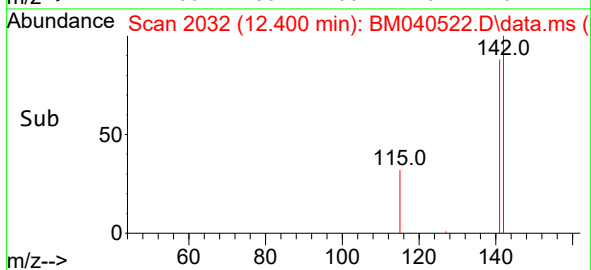
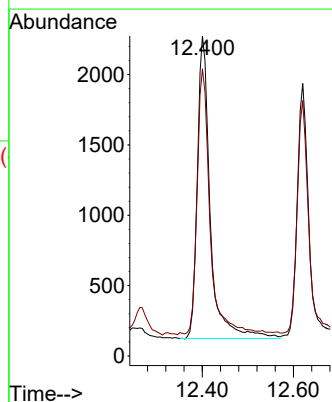
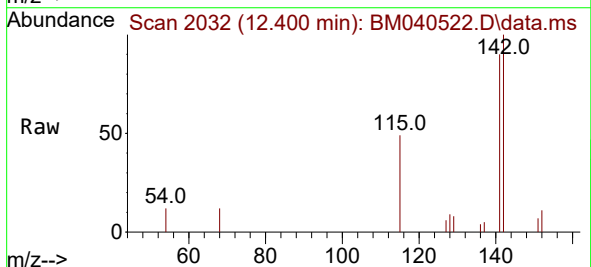
Instrument :
BNA_M
ClientSampleId :
DCGB2

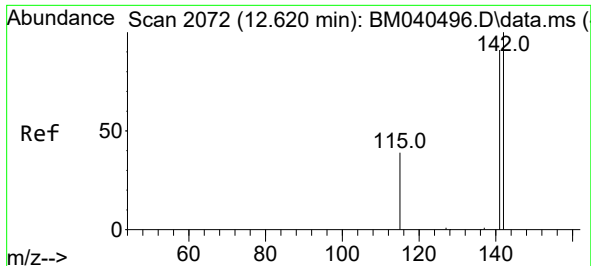
Tgt Ion:128 Resp: 6966
Ion Ratio Lower Upper
128 100
129 17.3 9.2 13.8#
127 15.1 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

Tgt Ion:142 Resp: 4234
Ion Ratio Lower Upper
142 100
141 88.5 71.9 107.9

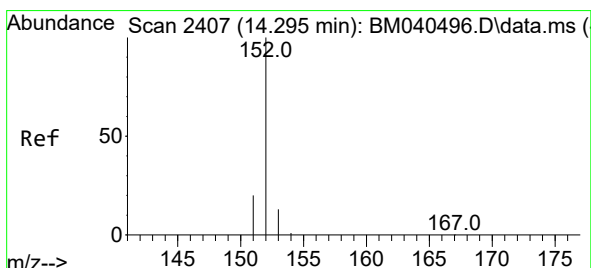
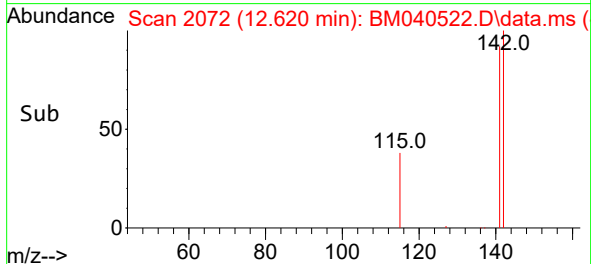
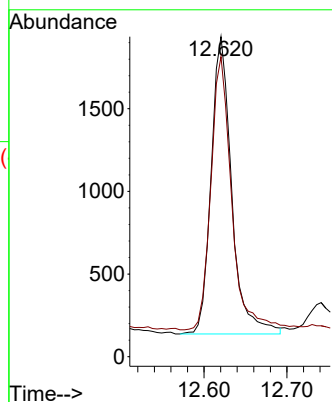
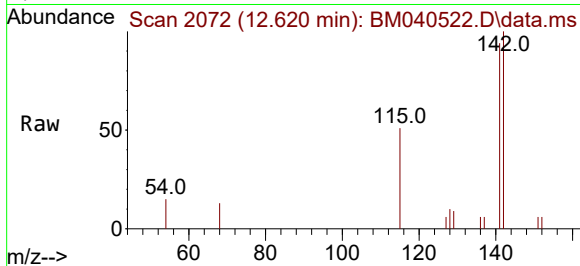




#8
1-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

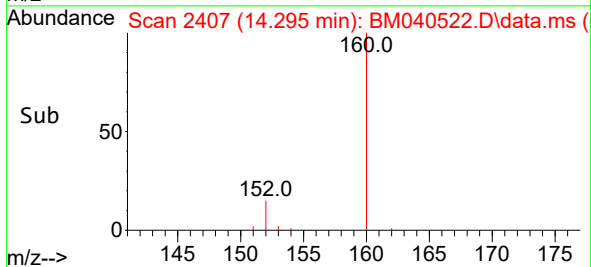
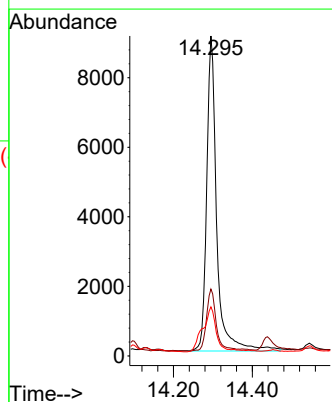
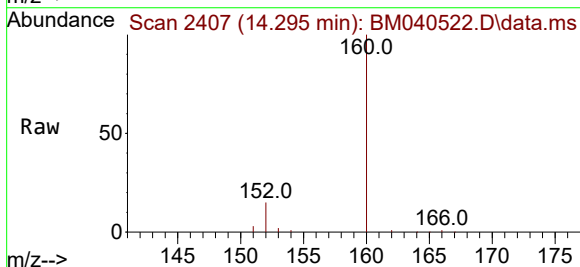
Instrument :
BNA_M
ClientSampleId :
DCGB2

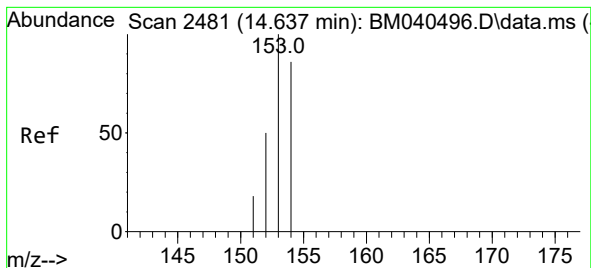
Tgt Ion:142 Resp: 3098
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5



#10
Acenaphthylene
Concen: 0.239 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

Tgt Ion:152 Resp: 15993
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 15.4 10.9 16.3





#11

Acenaphthene

Concen: 0.049 ng/ul

RT: 14.637 min Scan# 2481

Delta R.T. -0.004 min

Lab File: BM040522.D

Acq: 02 Jul 2023 03:18

Instrument :

BNA_M

ClientSampleId :

DCGB2

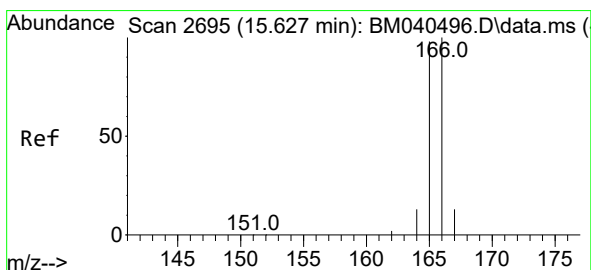
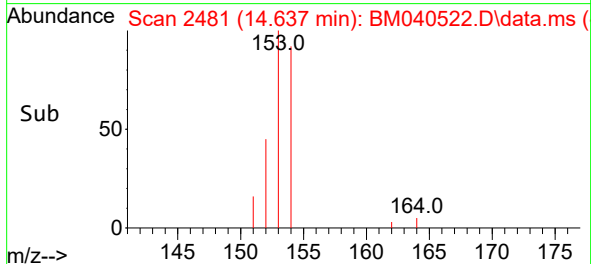
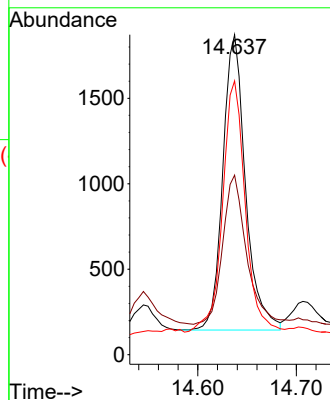
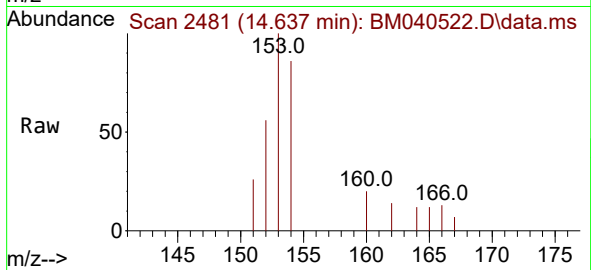
Tgt Ion:153 Resp: 2770

Ion Ratio Lower Upper

153 100

152 56.1 41.0 61.4

154 85.6 70.8 106.2



#12

Fluorene

Concen: 0.050 ng/ul

RT: 15.623 min Scan# 2694

Delta R.T. -0.009 min

Lab File: BM040522.D

Acq: 02 Jul 2023 03:18

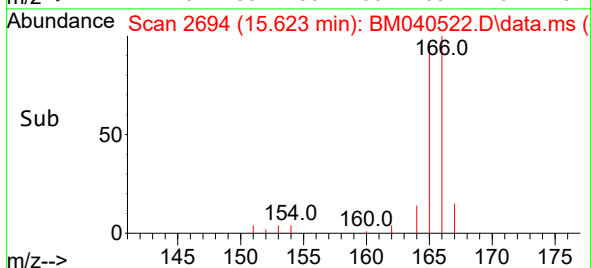
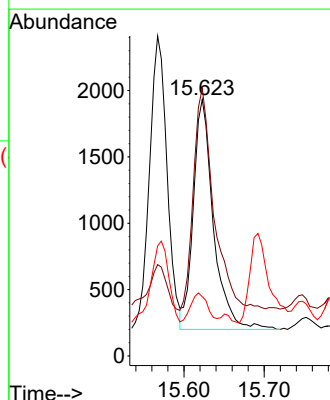
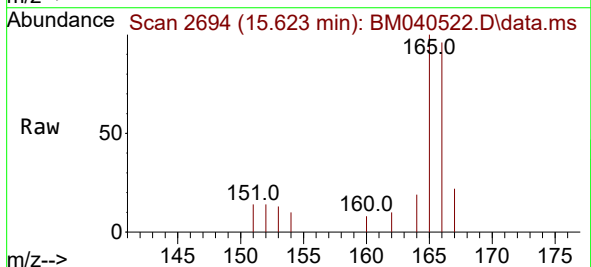
Tgt Ion:166 Resp: 3012

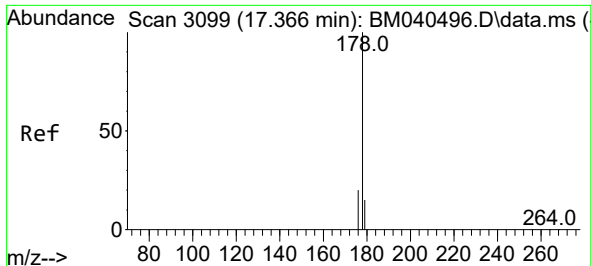
Ion Ratio Lower Upper

166 100

165 104.3 79.6 119.4

167 23.1 11.4 17.0#

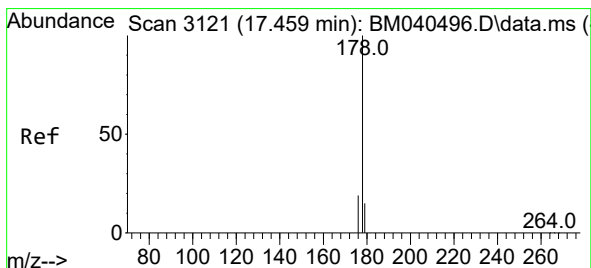
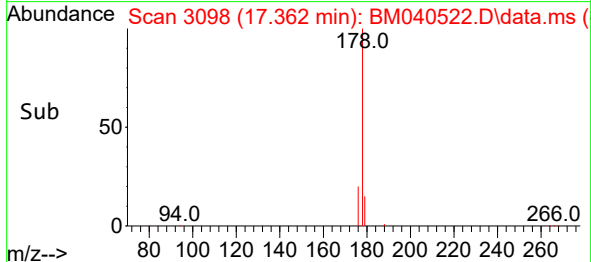
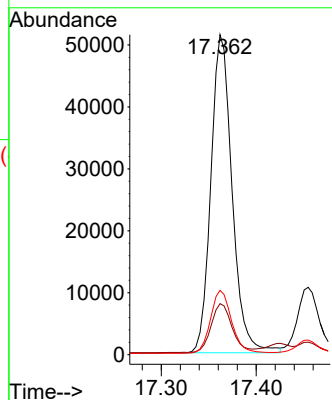
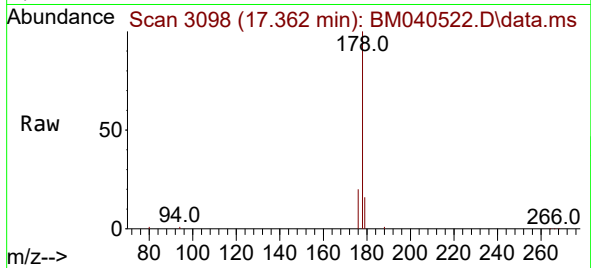




#15
Phenanthrene
Concen: 0.829 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

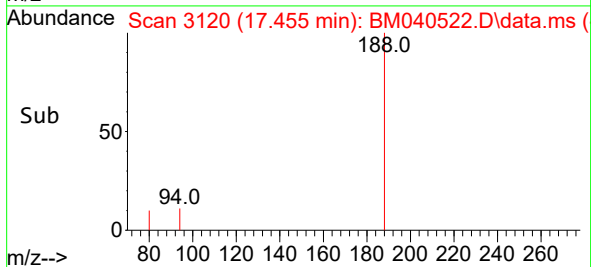
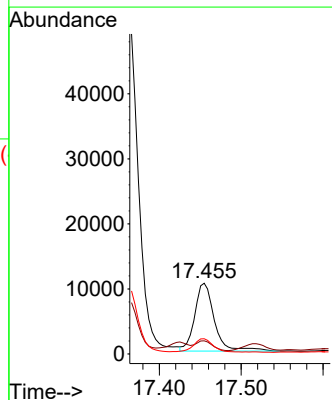
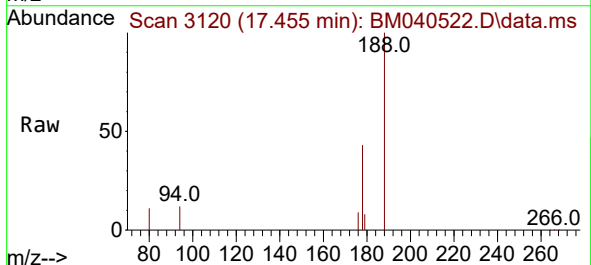
Instrument :
BNA_M
ClientSampleId :
DCGB2

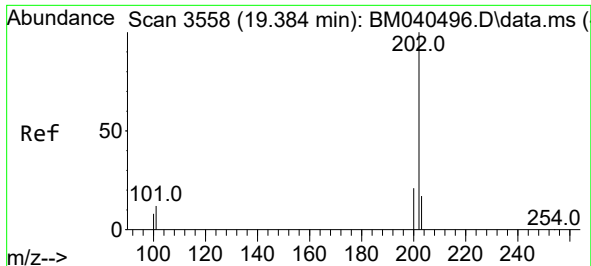
Tgt Ion:178 Resp: 79938
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.1 16.4 24.6



#16
Anthracene
Concen: 0.215 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

Tgt Ion:178 Resp: 17465
Ion Ratio Lower Upper
178 100
179 18.5 12.9 19.3
176 21.5 15.8 23.6

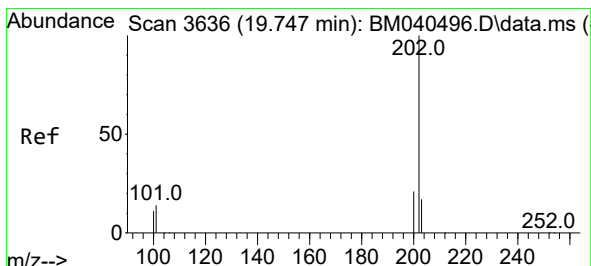
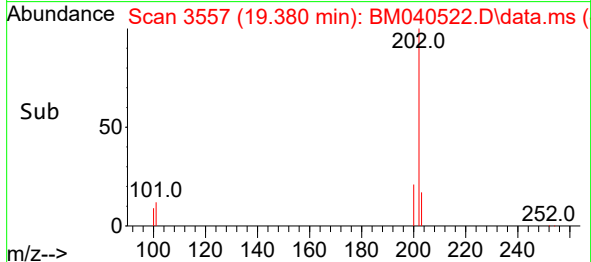
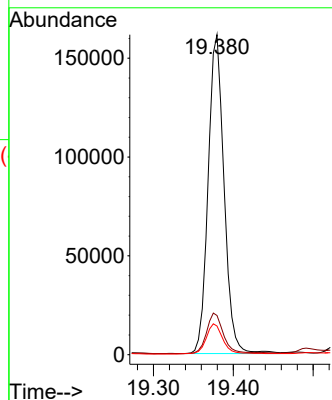
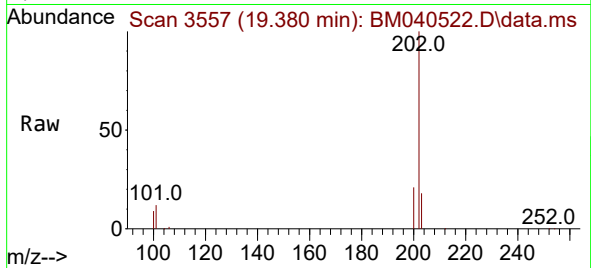




#19
Fluoranthene
Concen: 2.673 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

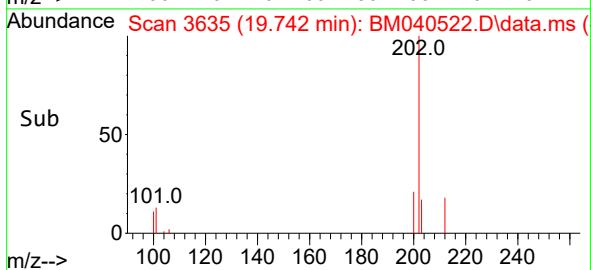
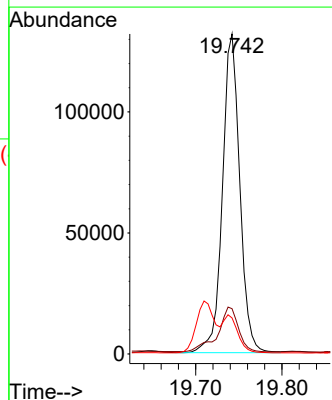
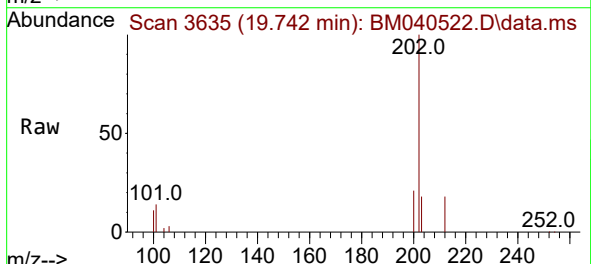
Instrument :
BNA_M
ClientSampleId :
DCGB2

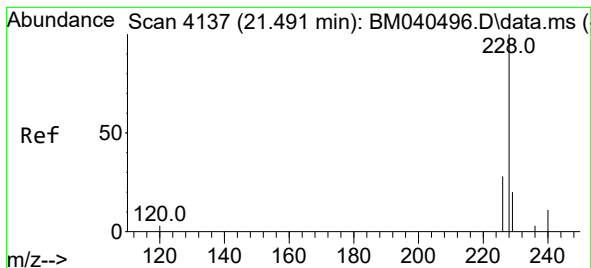
Tgt Ion:202 Resp: 223640
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 8.9 8.7 13.1



#20
Pyrene
Concen: 2.056 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

Tgt Ion:202 Resp: 184441
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.3 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.507 ng/ul

RT: 21.486 min Scan# 4135

Delta R.T. -0.006 min

Lab File: BM040522.D

Acq: 02 Jul 2023 03:18

Instrument :

BNA_M

ClientSampleId :

DCGB2

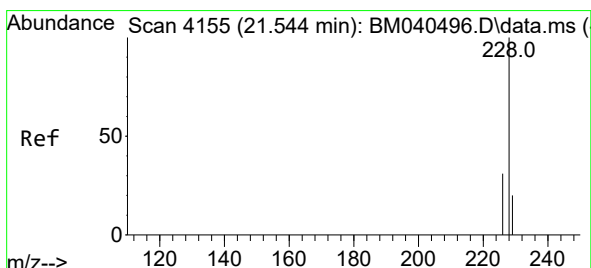
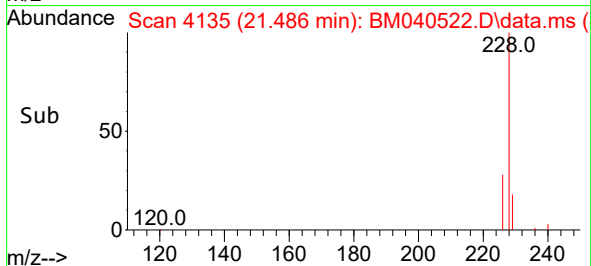
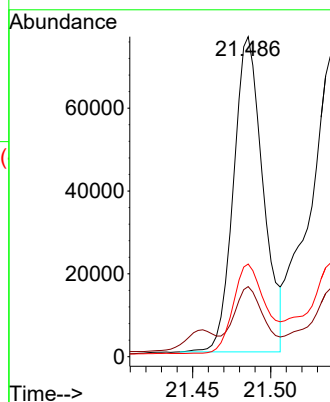
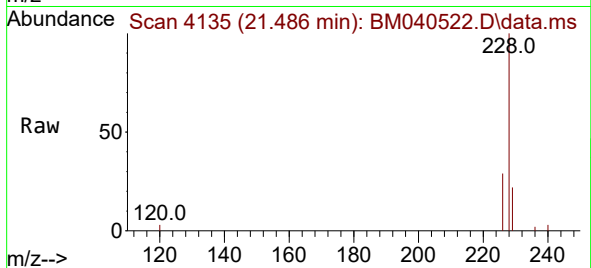
Tgt Ion:228 Resp: 100395

Ion Ratio Lower Upper

228 100

229 21.9 16.0 24.0

226 28.9 22.3 33.5



#22

Chrysene

Concen: 1.608 ng/ul

RT: 21.538 min Scan# 4153

Delta R.T. -0.006 min

Lab File: BM040522.D

Acq: 02 Jul 2023 03:18

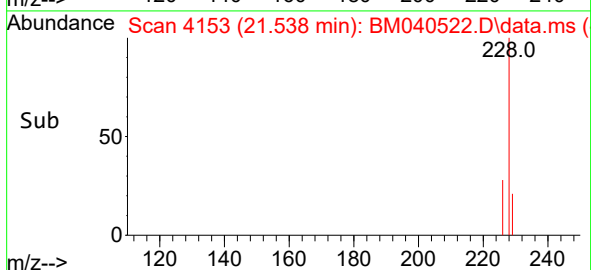
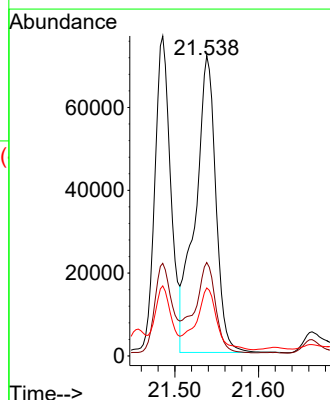
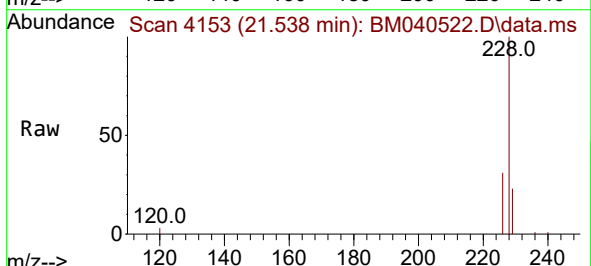
Tgt Ion:228 Resp: 122207

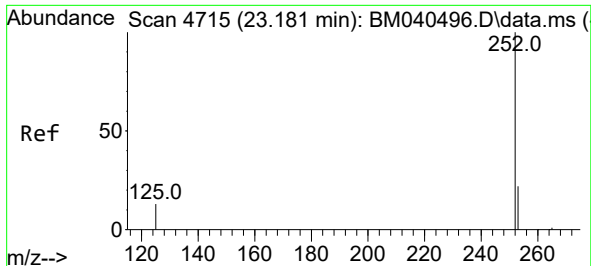
Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

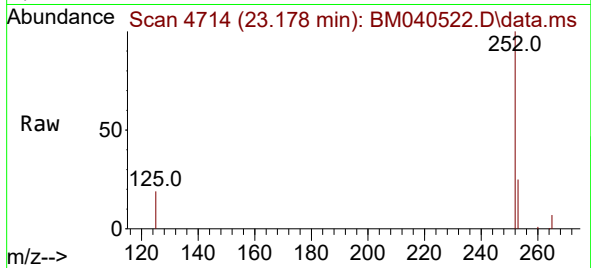
229 22.7 15.8 23.6



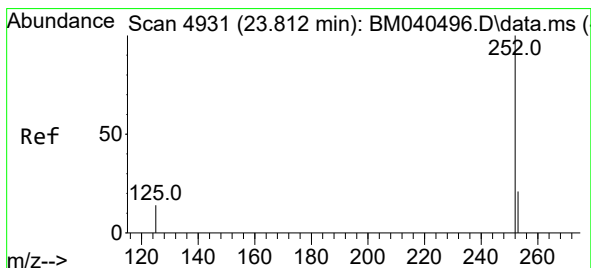
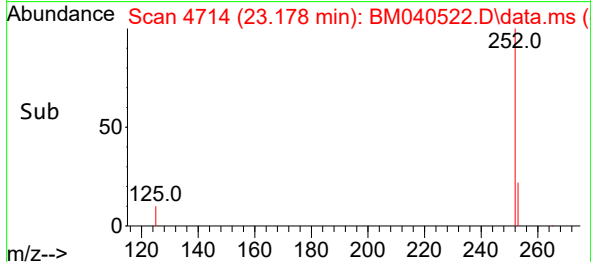
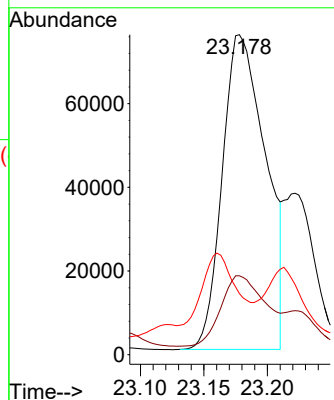


#24
Benzo(b)fluoranthene
Concen: 2.391 ng/ul
RT: 23.178 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

Instrument :
BNA_M
ClientSampleId :
DCGB2

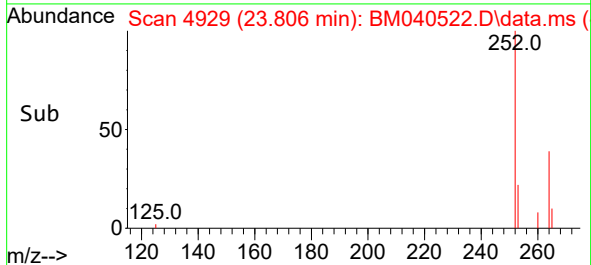
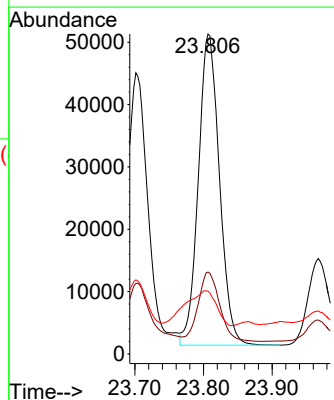
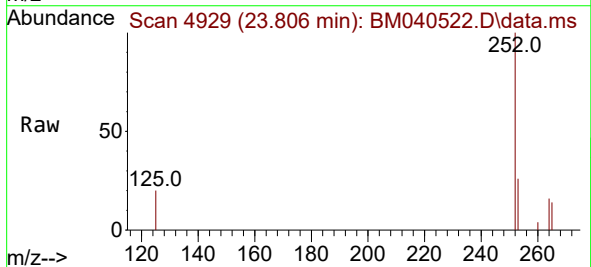


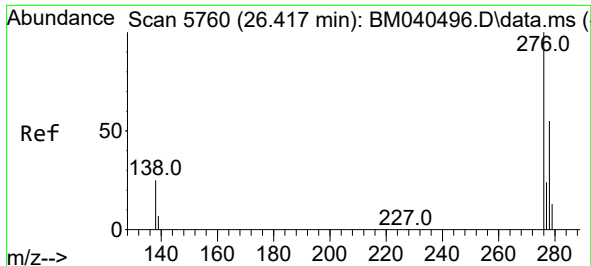
Tgt Ion:252 Resp: 178503
Ion Ratio Lower Upper
252 100
253 24.6 0.0 52.8
125 19.1 0.0 43.0



#26
Benzo(a)pyrene
Concen: 1.588 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040522.D
Acq: 02 Jul 2023 03:18

Tgt Ion:252 Resp: 106753
Ion Ratio Lower Upper
252 100
253 25.6 22.9 34.3
125 19.6 21.0 31.4#

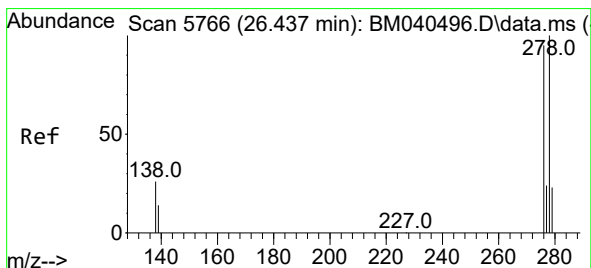
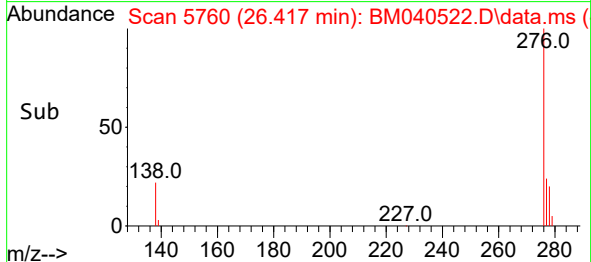
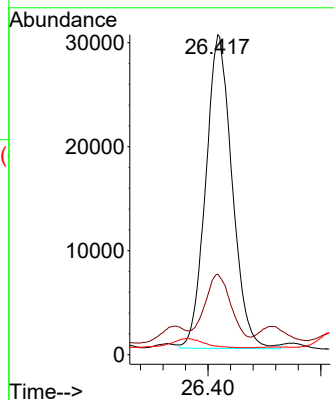
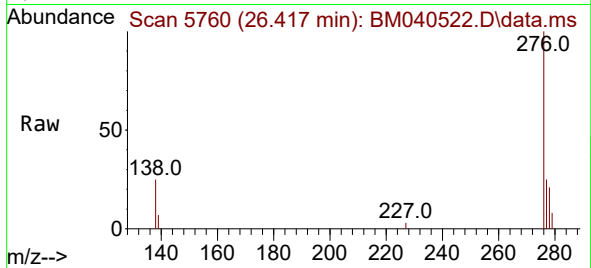




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.046 ng/ul
 RT: 26.417 min Scan# 5760
 Delta R.T. -0.003 min
 Lab File: BM040522.D
 Acq: 02 Jul 2023 03:18

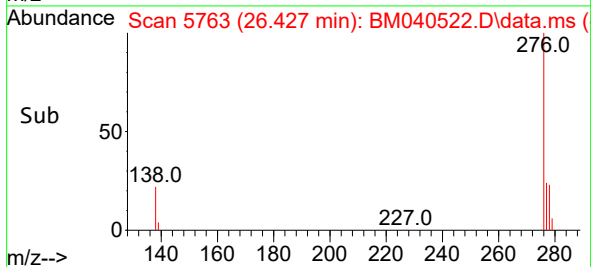
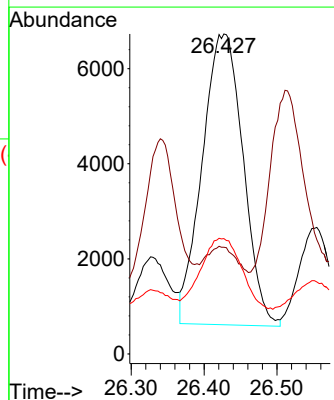
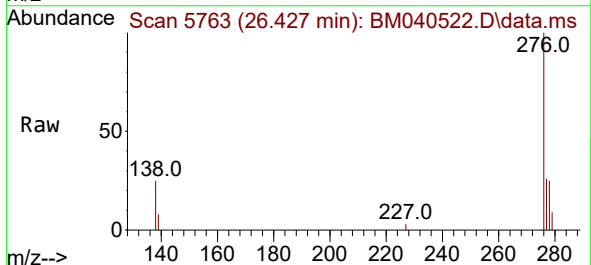
Instrument :
 BNA_M
 ClientSampleId :
 DCGB2

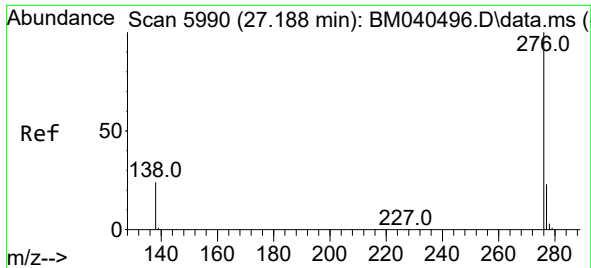
Tgt Ion:276 Resp: 97926
 Ion Ratio Lower Upper
 276 100
 138 21.4 24.5 36.7#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.325 ng/ul
 RT: 26.427 min Scan# 5763
 Delta R.T. -0.010 min
 Lab File: BM040522.D
 Acq: 02 Jul 2023 03:18

Tgt Ion:278 Resp: 23858
 Ion Ratio Lower Upper
 278 100
 139 33.4 17.9 26.9#
 279 36.1 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 1.093 ng/ul
 RT: 27.195 min Scan# 5992
 Delta R.T. 0.010 min
 Lab File: BM040522.D
 Acq: 02 Jul 2023 03:18

Instrument :
 BNA_M
 ClientSampleId :
 DCGB2

Tgt Ion:276 Resp: 89732
 Ion Ratio Lower Upper
 276 100
 138 30.5 23.0 34.6
 277 25.7 20.3 30.5

