

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040501.D
 Acq On : 01 Jul 2023 13:40
 Operator : MA/JU
 Sample : 03161-08DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW4DL

Quant Time: Jul 01 23:47:15 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)

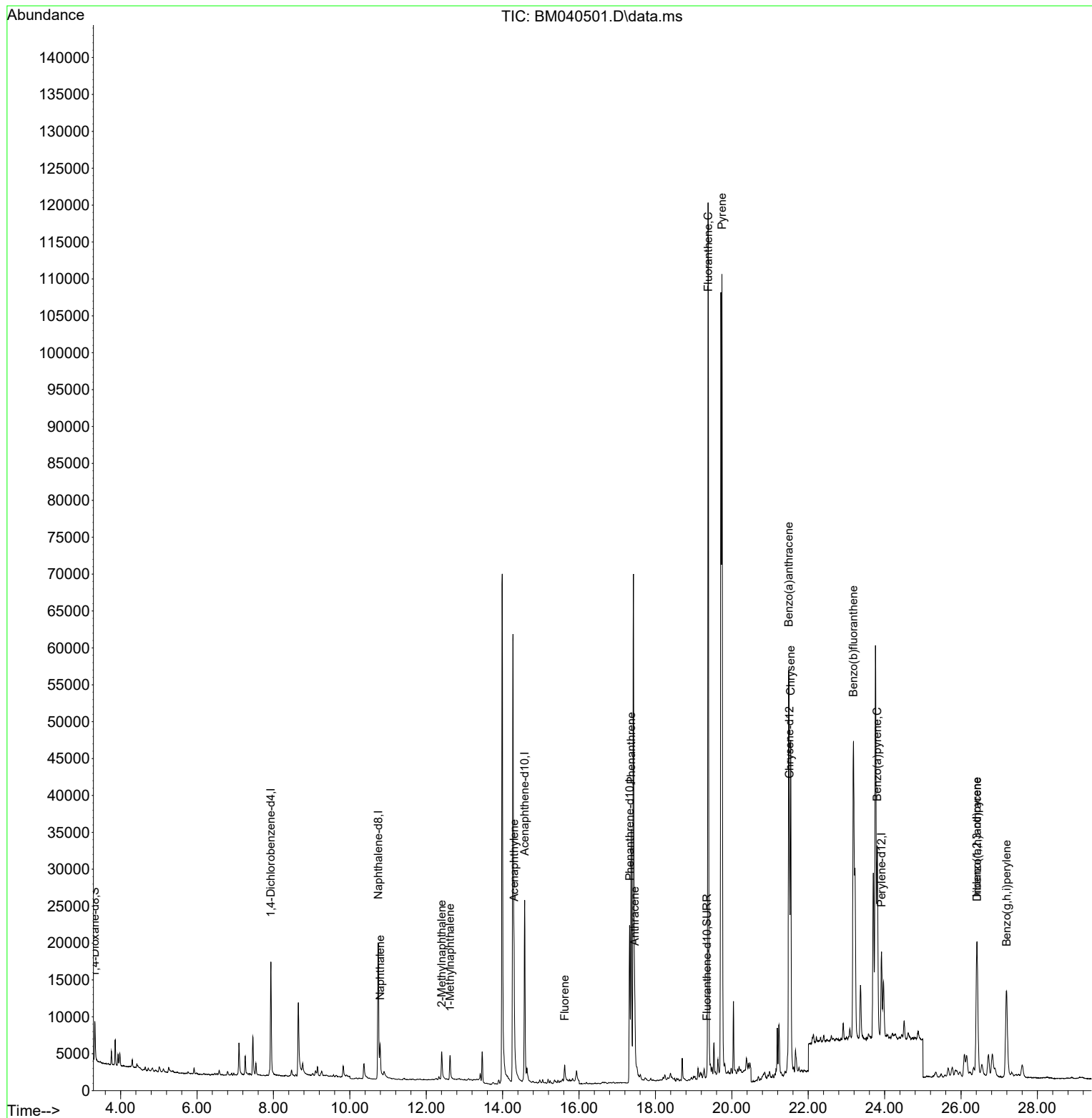
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	8730	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	31546	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	15316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	29297	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	17994	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	17069	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	3314	0.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	791	0.018	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	1159	0.020	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.795	128	6177	0.071	ng/ul#	93
7) 2-Methylnaphthalene	12.406	142	3811	0.075	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	2768	0.054	ng/ul	99
10) Acenaphthylene	14.300	152	16795	0.245	ng/ul	98
12) Fluorene	15.627	166	1726	0.028	ng/ul#	88
15) Phenanthrene	17.366	178	42631	0.468	ng/ul	99
16) Anthracene	17.459	178	10379	0.136	ng/ul	95
19) Fluoranthene	19.380	202	113694	1.487	ng/ul	97
20) Pyrene	19.742	202	92868	1.133	ng/ul	99
21) Benzo(a)anthracene	21.488	228	47412	0.779	ng/ul	96
22) Chrysene	21.541	228	51148	0.737	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	73265	1.109	ng/ul	94
26) Benzo(a)pyrene	23.806	252	40071	0.673	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.417	276	32555	0.393	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.420	278	8351	0.129	ng/ul#	78
29) Benzo(g,h,i)perylene	27.192	276	28345	0.390	ng/ul	98

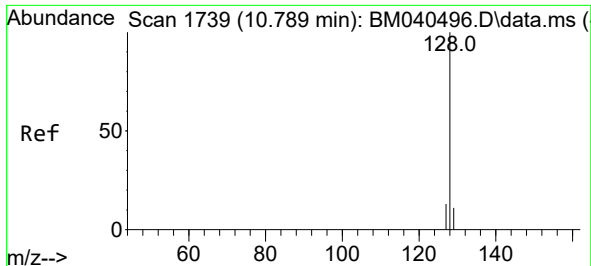
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040501.D
Acq On : 01 Jul 2023 13:40
Operator : MA/JU
Sample : 03161-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCF4DL

Quant Time: Jul 01 23:47:15 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

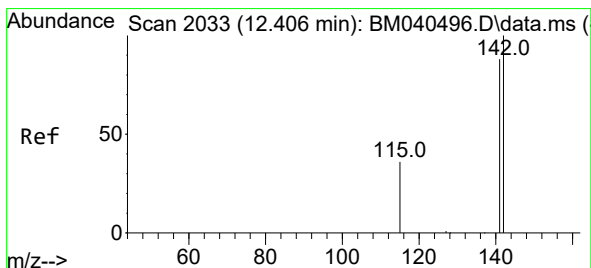
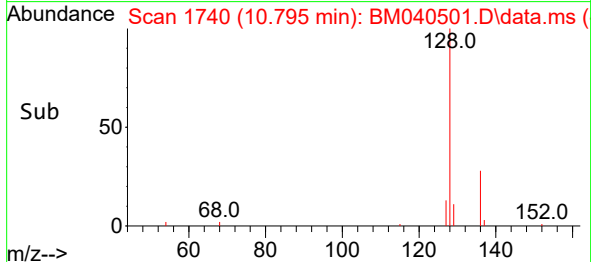
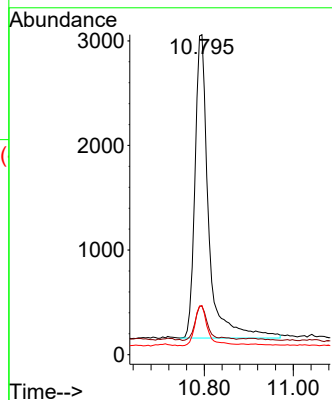
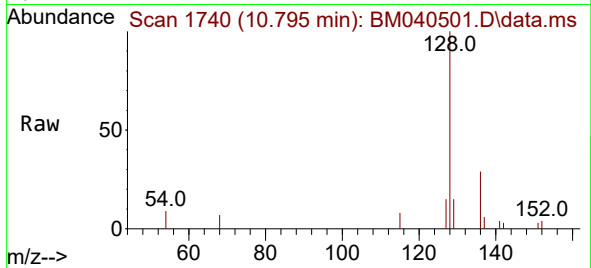




#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

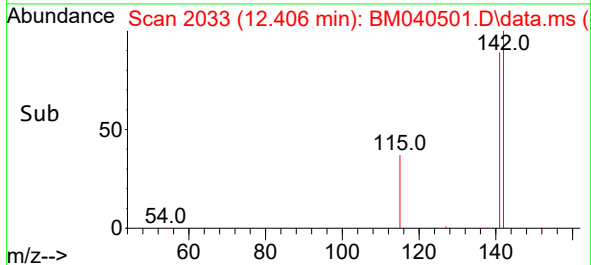
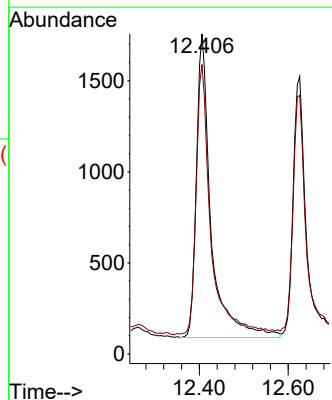
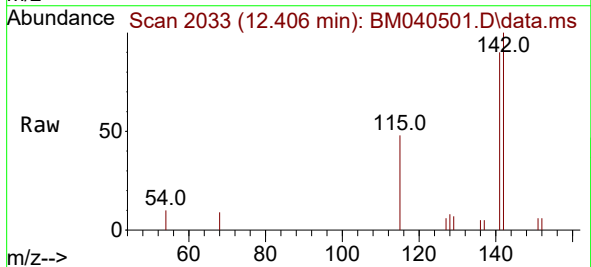
Instrument :
BNA_M
ClientSampleId :
DCF4DL

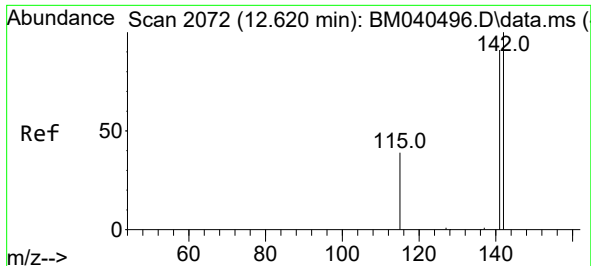
Tgt Ion:128 Resp: 6177
Ion Ratio Lower Upper
128 100
129 15.2 9.2 13.8#
127 15.4 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

Tgt Ion:142 Resp: 3811
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9

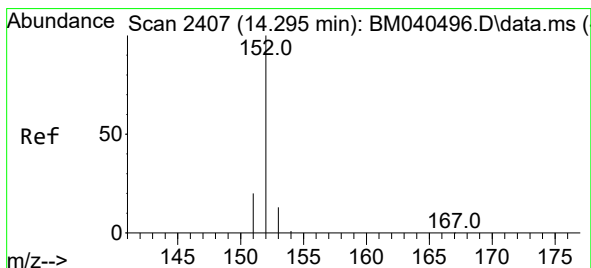
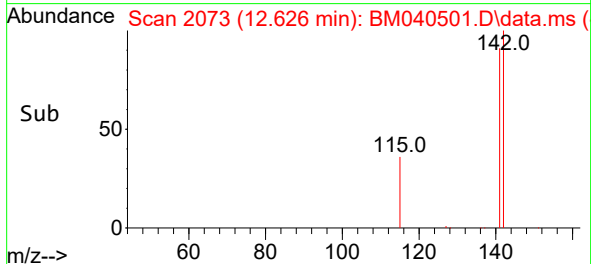
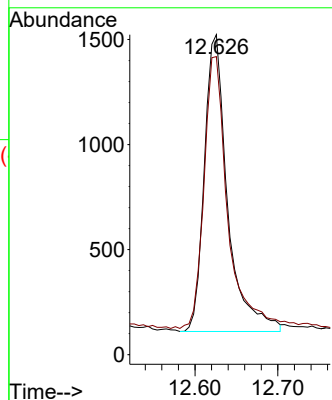
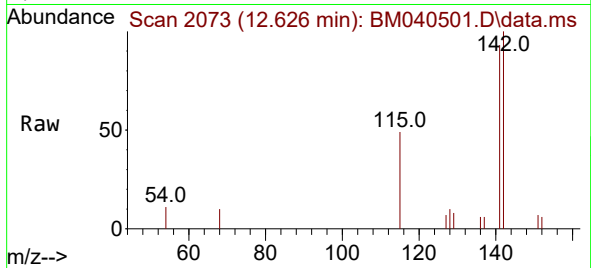




#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

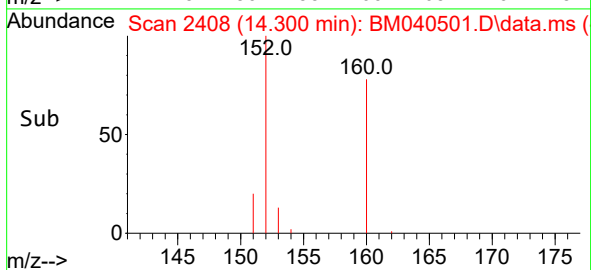
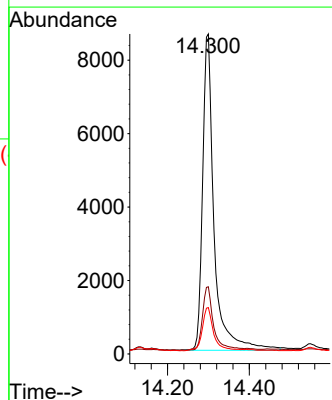
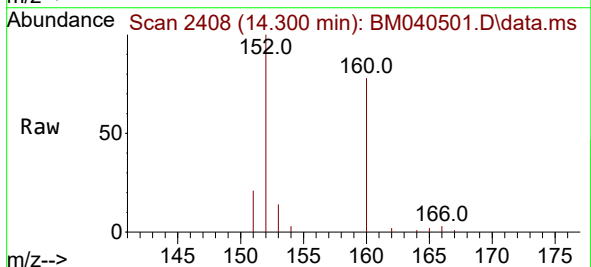
Instrument :
BNA_M
ClientSampleId :
DCF4DL

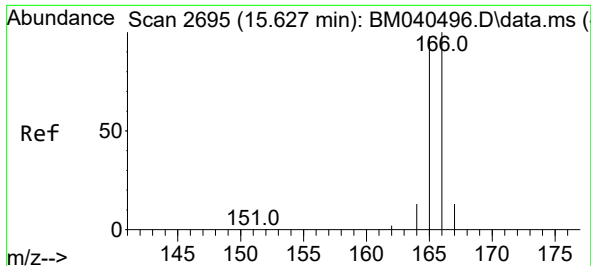
Tgt Ion:142 Resp: 2768
Ion Ratio Lower Upper
142 100
141 92.7 73.7 110.5



#10
Acenaphthylene
Concen: 0.245 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

Tgt Ion:152 Resp: 16795
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.5 10.9 16.3

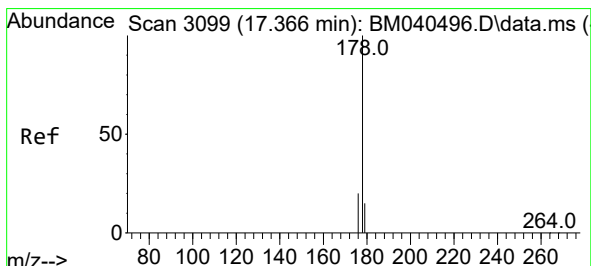
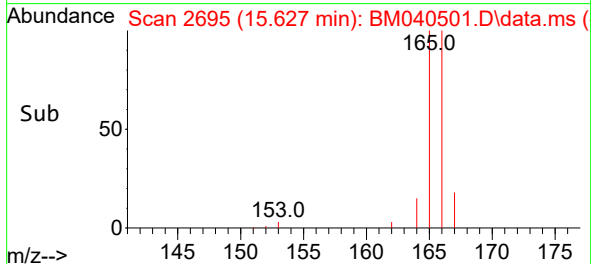
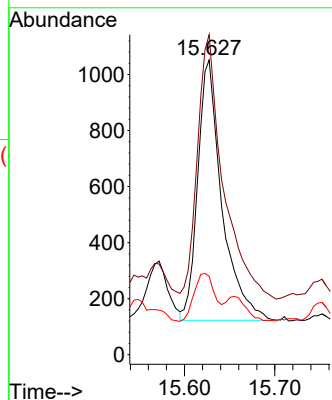
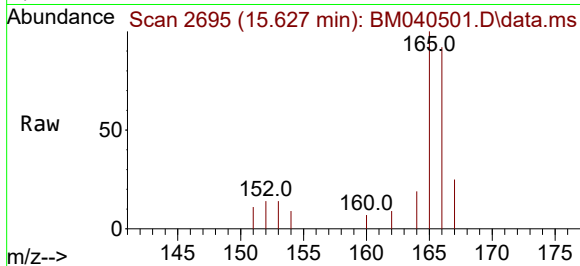




#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.627 min Scan# 2099
Delta R.T. -0.004 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

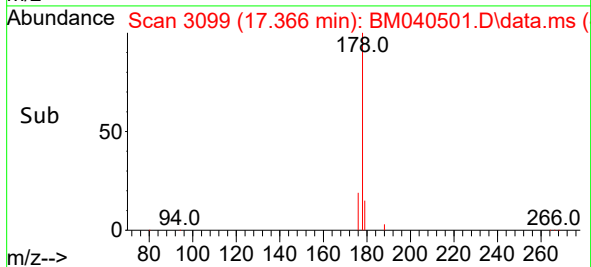
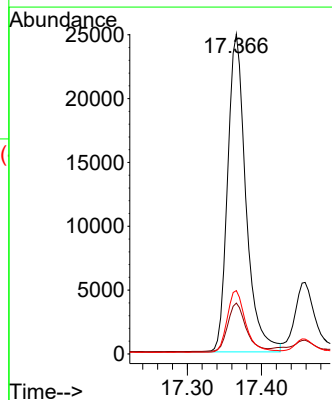
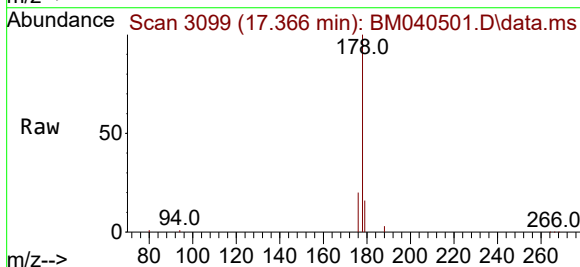
Instrument :
BNA_M
ClientSampleId :
DCF4DL

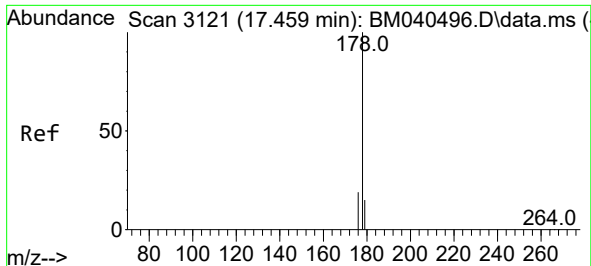
Tgt Ion:166 Resp: 1726
Ion Ratio Lower Upper
166 100
165 108.6 79.6 119.4
167 26.6 11.4 17.0#



#15
Phenanthrene
Concen: 0.468 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

Tgt Ion:178 Resp: 42631
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.8 16.4 24.6

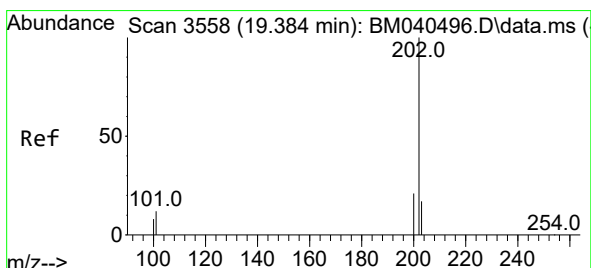
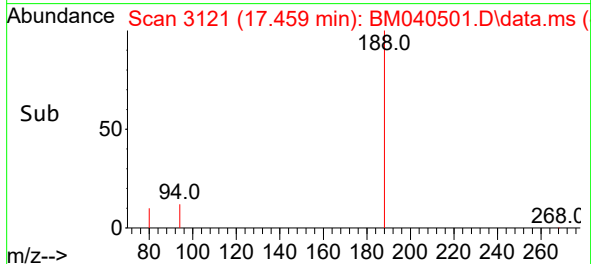
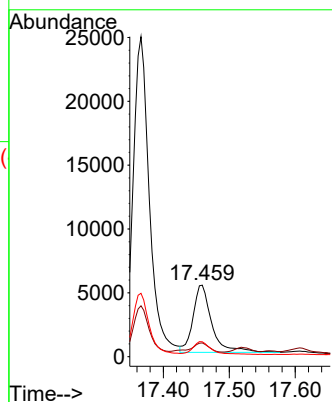
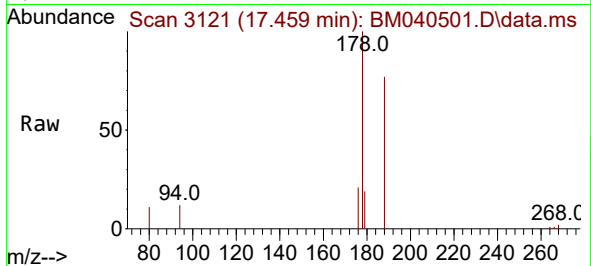




#16
 Anthracene
 Concen: 0.136 ng/ul
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.004 min
 Lab File: BM040501.D
 Acq: 01 Jul 2023 13:40

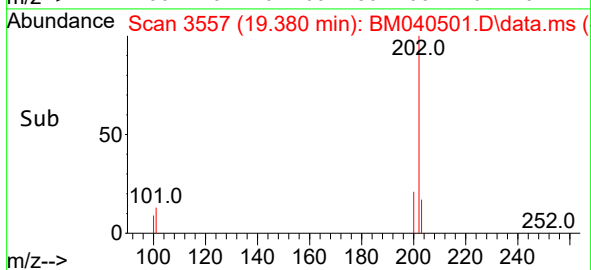
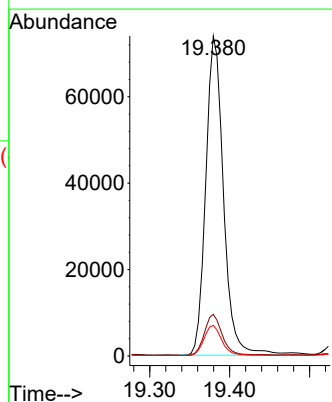
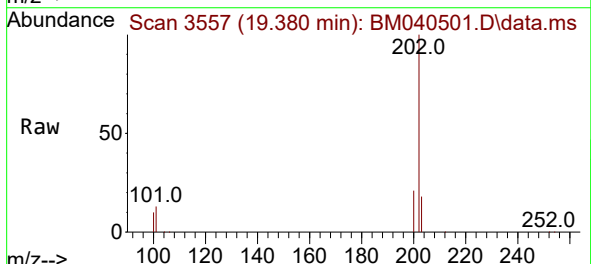
Instrument :
 BNA_M
 ClientSampleId :
 DCFW4DL

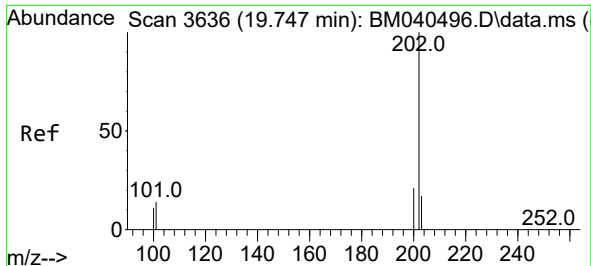
Tgt Ion:	178	Resp:	10379
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.9	19.3
176	20.9	15.8	23.6



#19
 Fluoranthene
 Concen: 1.487 ng/ul
 RT: 19.380 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BM040501.D
 Acq: 01 Jul 2023 13:40

Tgt Ion:	202	Resp:	113694
Ion Ratio	Lower	Upper	
202	100		
101	13.0	11.4	17.0
100	9.6	8.7	13.1

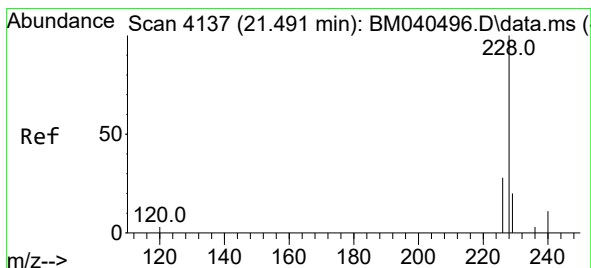
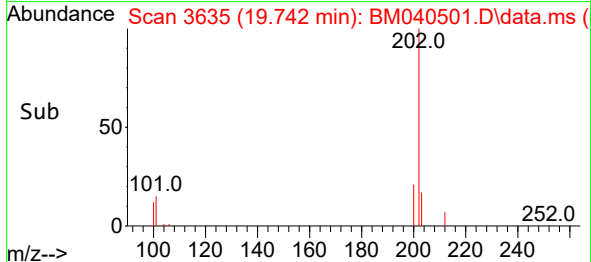
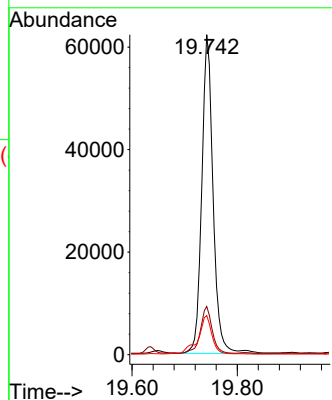
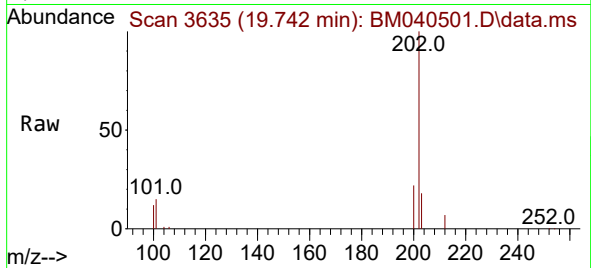




#20
Pyrene
Concen: 1.133 ng/ul
RT: 19.742 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

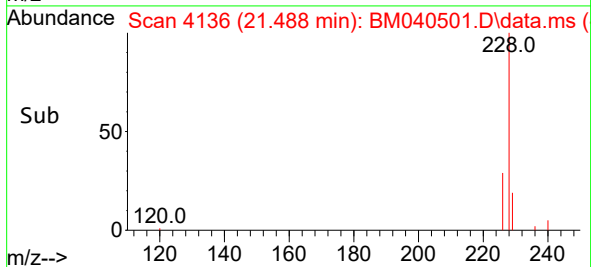
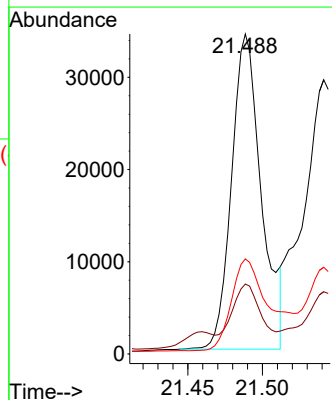
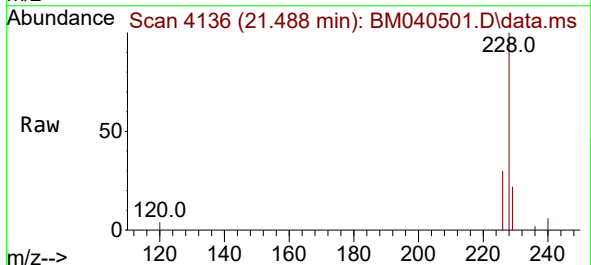
Instrument :
BNA_M
ClientSampleId :
DCF4DL

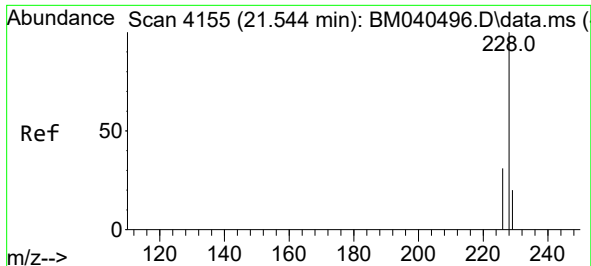
Tgt Ion:202 Resp: 92868
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.779 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

Tgt Ion:228 Resp: 47412
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 29.7 22.3 33.5

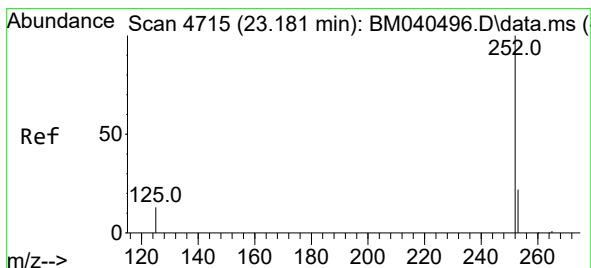
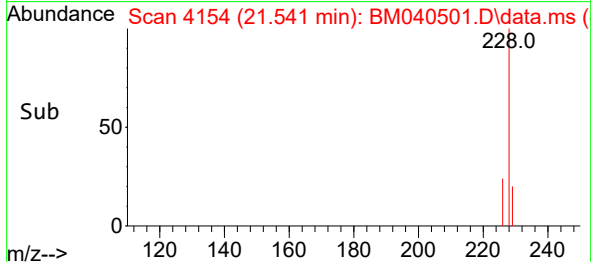
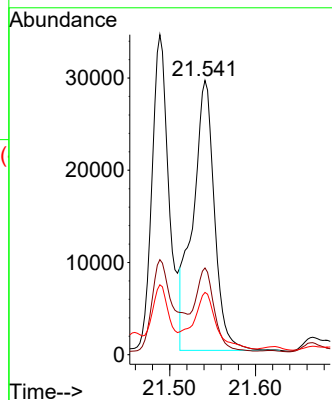
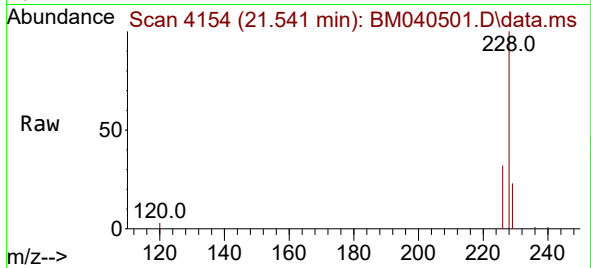




#22
Chrysene
Concen: 0.737 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

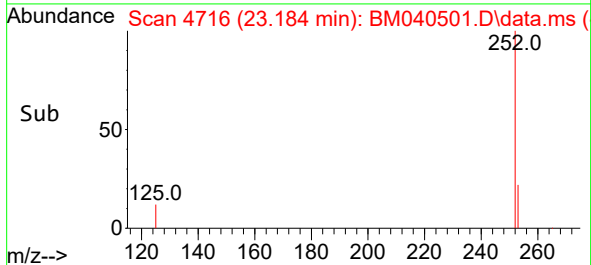
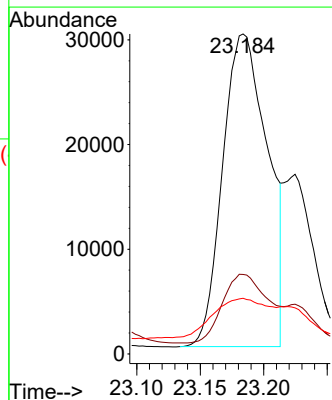
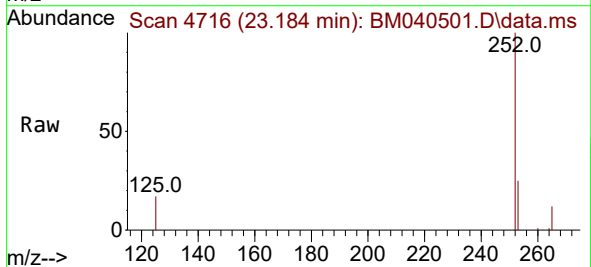
Instrument :
BNA_M
ClientSampleId :
DCFW4DL

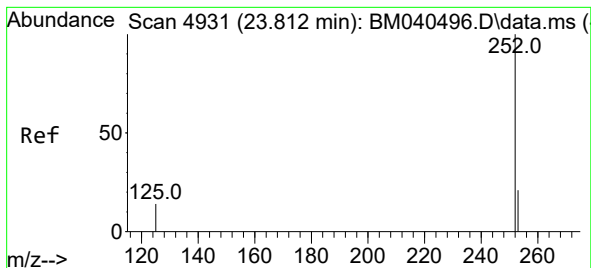
Tgt Ion:228 Resp: 51148
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.7 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 1.109 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

Tgt Ion:252 Resp: 73265
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 17.4 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.673 ng/ul

RT: 23.806 min Scan# 4931

Delta R.T. -0.006 min

Lab File: BM040501.D

Acq: 01 Jul 2023 13:40

Instrument :

BNA_M

ClientSampleId :

DCF4DL

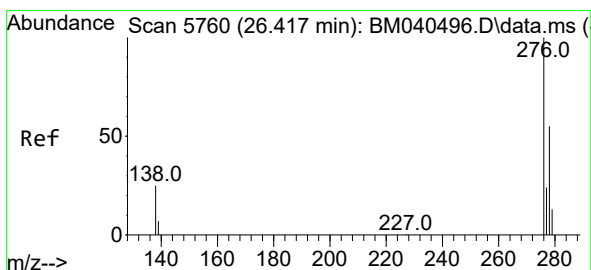
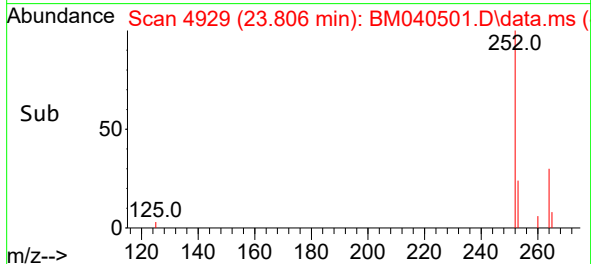
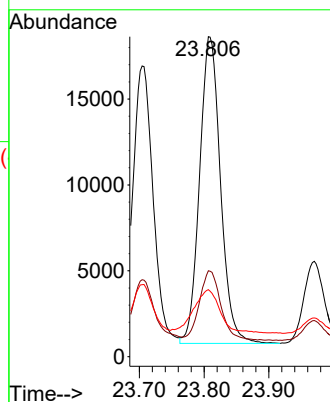
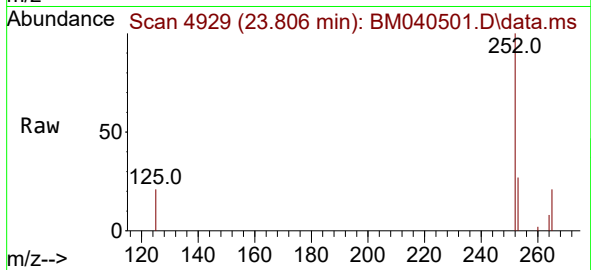
Tgt Ion:252 Resp: 40071

Ion Ratio Lower Upper

252 100

253 26.8 22.9 34.3

125 21.0 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng/ul

RT: 26.417 min Scan# 5760

Delta R.T. -0.003 min

Lab File: BM040501.D

Acq: 01 Jul 2023 13:40

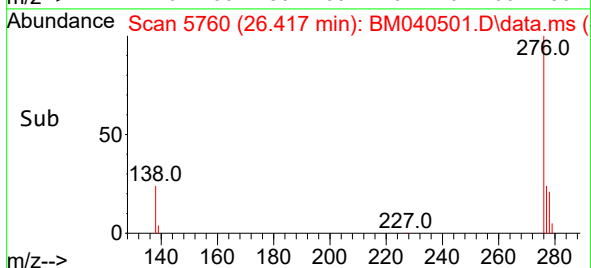
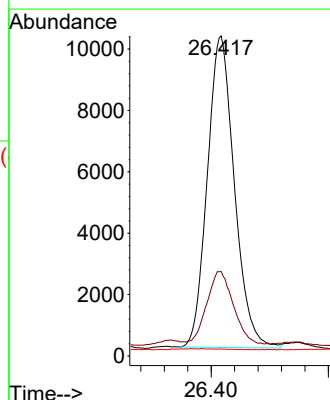
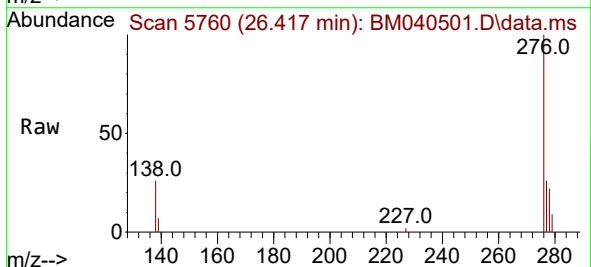
Tgt Ion:276 Resp: 32555

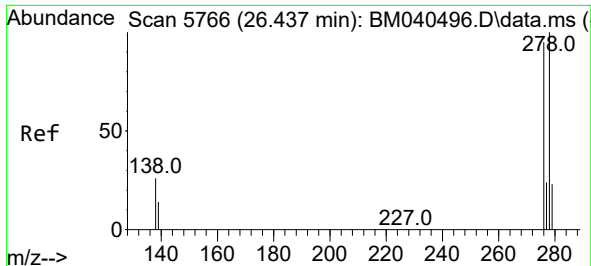
Ion Ratio Lower Upper

276 100

138 24.1 24.5 36.7#

227 0.0 0.1 0.1#

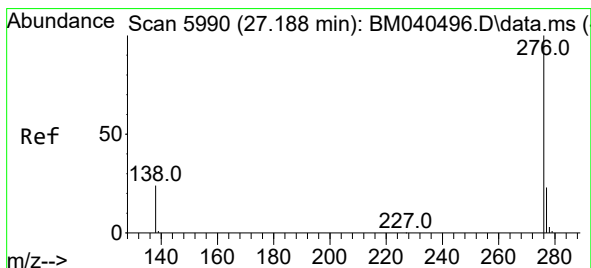
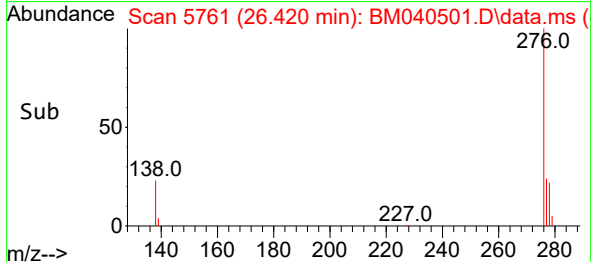
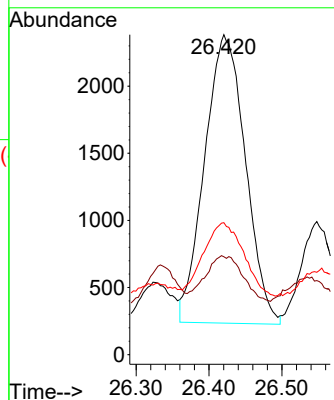
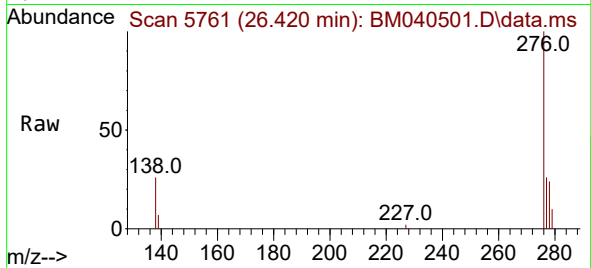




#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 26.420 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

Instrument :
BNA_M
ClientSampleId :
DCFW4DL

Tgt Ion:278 Resp: 8351
Ion Ratio Lower Upper
278 100
139 30.6 17.9 26.9#
279 41.2 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040501.D
Acq: 01 Jul 2023 13:40

Tgt Ion:276 Resp: 28345
Ion Ratio Lower Upper
276 100
138 27.4 23.0 34.6
277 26.2 20.3 30.5

