

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040951.D
 Acq On : 18 Jul 2023 13:09
 Operator : MA/JU
 Sample : 03458-18RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 22:26:38 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

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

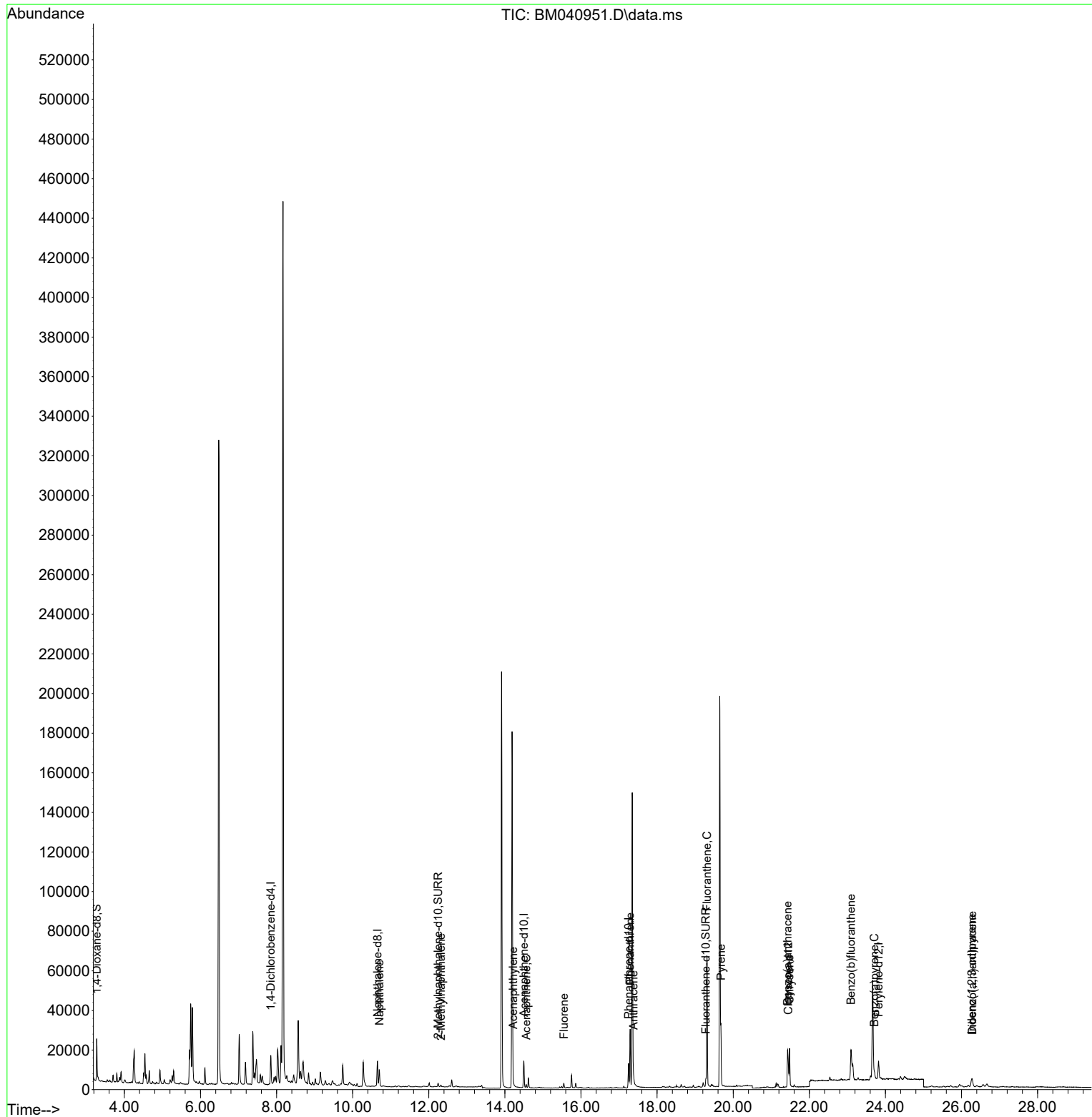
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	7240	0.400	ng/ul	0.00
4) Naphthalene-d8	10.652	136	17181	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.499	164	7545	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	14157	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	10140	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	11818	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	11733	1.032	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	2594	0.108	ng/ul	0.00
18) Fluoranthene-d10	19.282	212	4105	0.126	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	11626	0.245	ng/ul	98
7) 2-Methylnaphthalene	12.319	142	715	0.026	ng/ul	96
10) Acenaphthylene	14.217	152	1084	0.032	ng/ul#	64
11) Acenaphthene	14.560	153	952	0.033	ng/ul	96
12) Fluorene	15.550	166	1461	0.048	ng/ul#	91
15) Phenanthrene	17.291	178	31180	0.709	ng/ul	99
16) Anthracene	17.383	178	3185	0.086	ng/ul#	89
19) Fluoranthene	19.310	202	55148	1.280	ng/ul	99
20) Pyrene	19.677	202	25419	0.550	ng/ul	99
21) Benzo(a)anthracene	21.428	228	14625	0.426	ng/ul	98
22) Chrysene	21.480	228	19294	0.493	ng/ul	98
24) Benzo(b)fluoranthene	23.096	252	26650	0.583	ng/ul	97
26) Benzo(a)pyrene	23.710	252	3684	0.089	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.270	276	6705	0.117	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.283	278	3041	0.068	ng/ul#	56

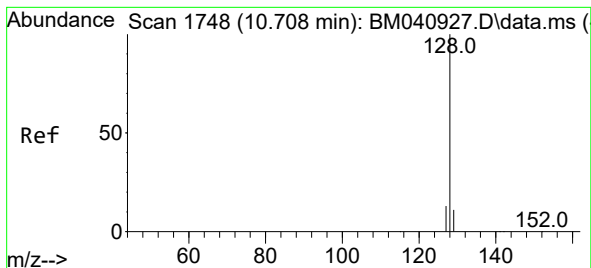
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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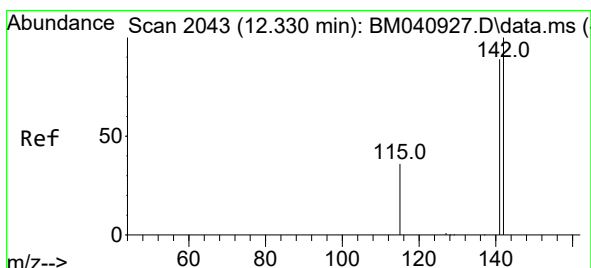
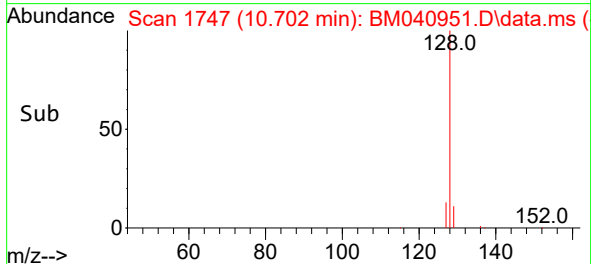
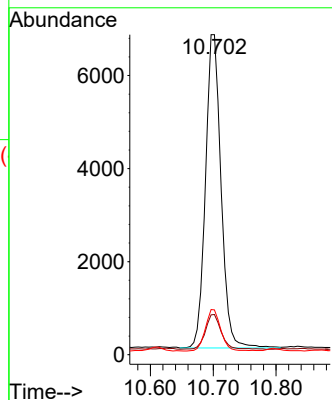
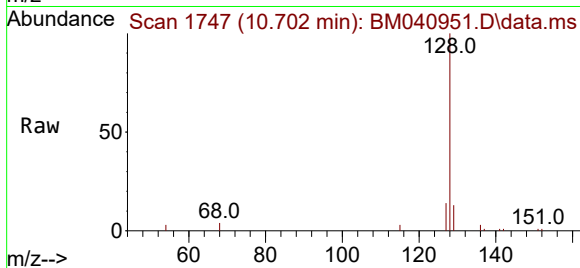




#5
Naphthalene
Concen: 0.245 ng/ul
RT: 10.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040951.D
Acq: 18 Jul 2023 13:09

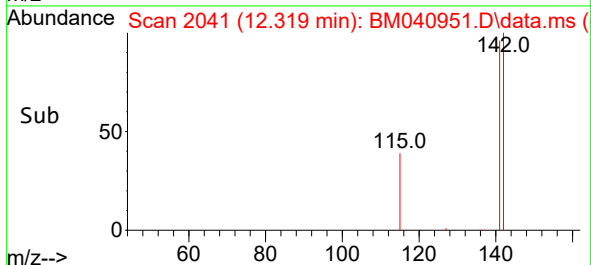
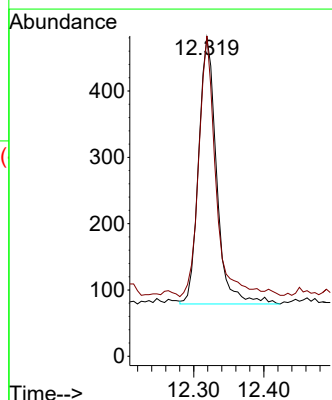
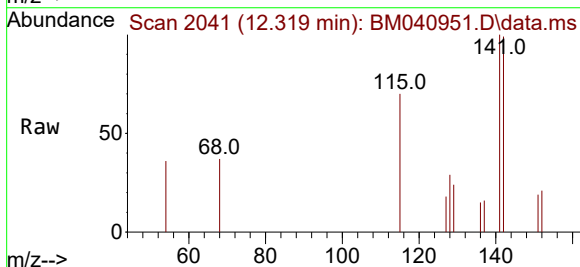
Instrument :
BNA_M
ClientSampleId :

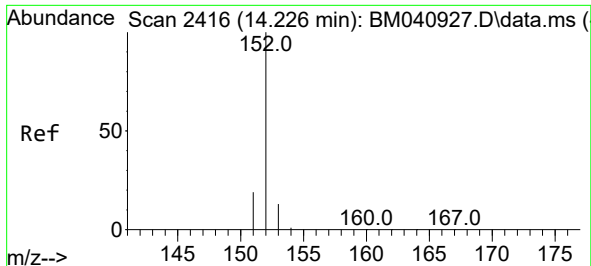
Tgt Ion:128 Resp: 11626
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 14.0 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM040951.D
Acq: 18 Jul 2023 13:09

Tgt Ion:142 Resp: 715
Ion Ratio Lower Upper
142 100
141 94.0 71.9 107.9

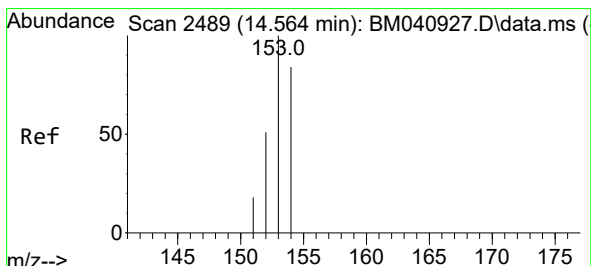
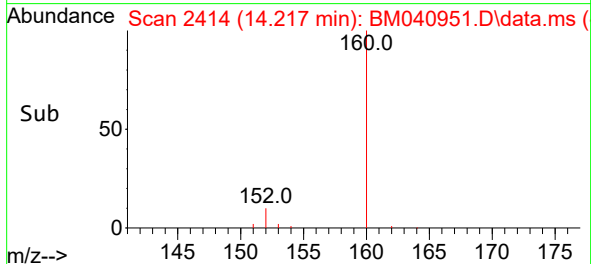
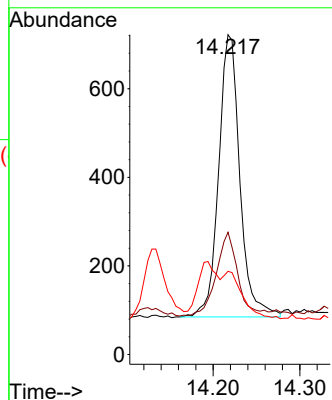
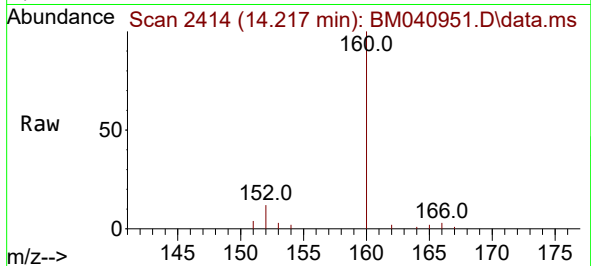




#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.217 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM040951.D
Acq: 18 Jul 2023 13:09

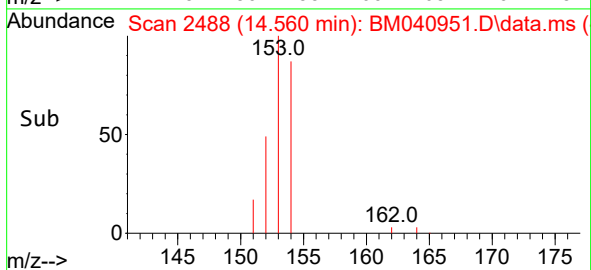
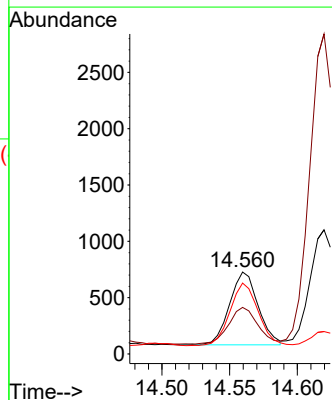
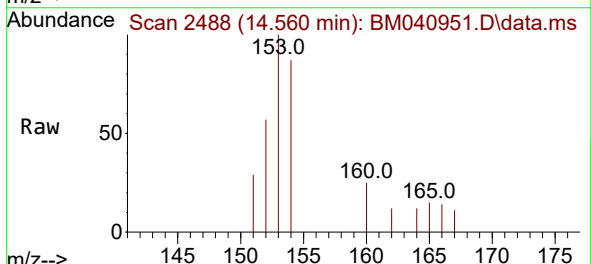
Instrument :
BNA_M
ClientSampleId :

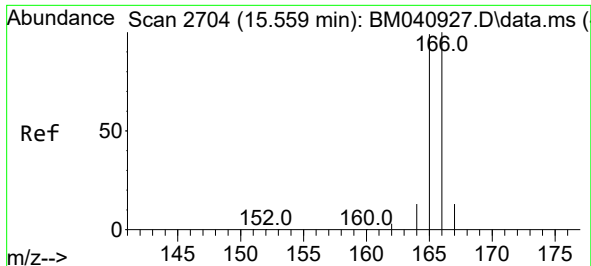
Tgt Ion:152 Resp: 1084
Ion Ratio Lower Upper
152 100
151 38.2 16.2 24.2#
153 26.0 10.9 16.3#



#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.560 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BM040951.D
Acq: 18 Jul 2023 13:09

Tgt Ion:153 Resp: 952
Ion Ratio Lower Upper
153 100
152 56.9 41.0 61.4
154 86.7 70.8 106.2

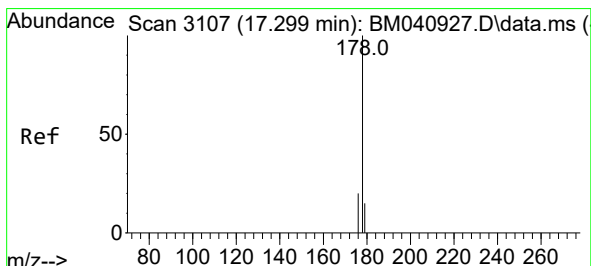
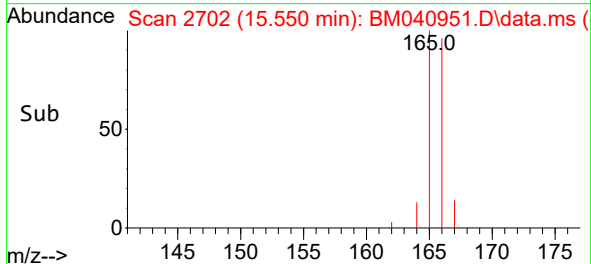
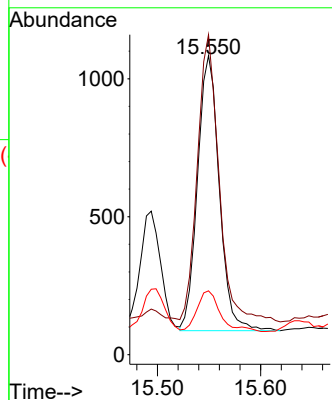
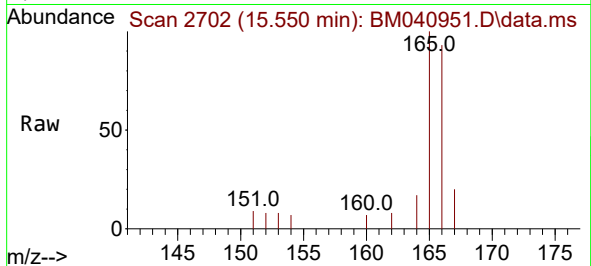




#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.550 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040951.D
Acq: 18 Jul 2023 13:09

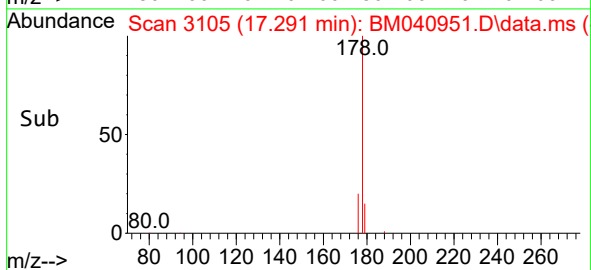
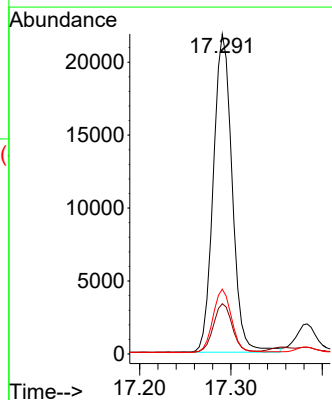
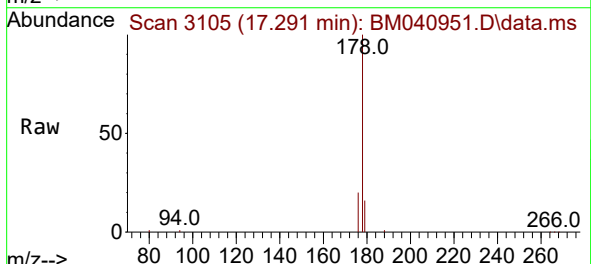
Instrument :
BNA_M
ClientSampleId :

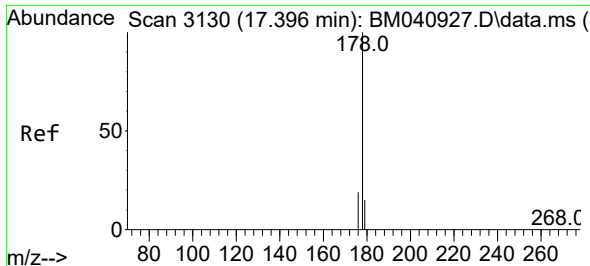
Tgt Ion:166 Resp: 1461
Ion Ratio Lower Upper
166 100
165 107.0 79.6 119.4
167 21.3 11.4 17.0#



#15
Phenanthrene
Concen: 0.709 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040951.D
Acq: 18 Jul 2023 13:09

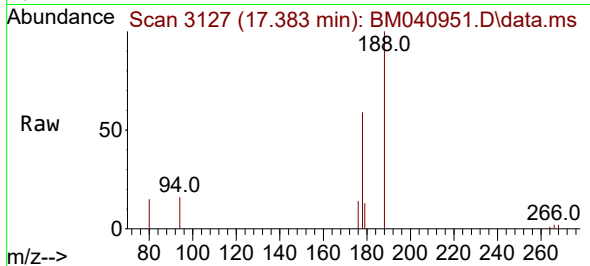
Tgt Ion:178 Resp: 31180
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 20.3 16.4 24.6



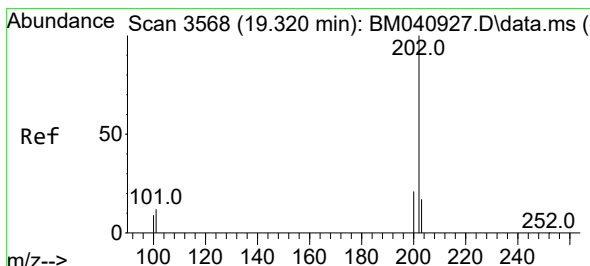
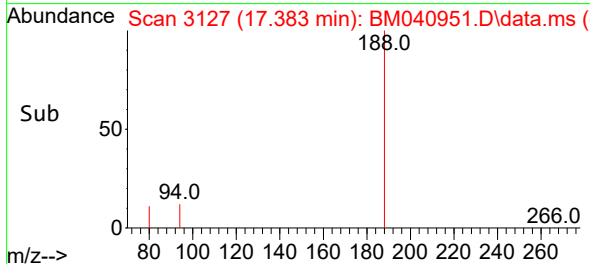
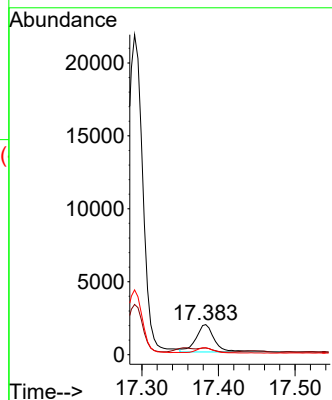


#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.383 min Scan# 3130
 Delta R.T. -0.004 min
 Lab File: BM040951.D
 Acq: 18 Jul 2023 13:09

Instrument :
 BNA_M
 ClientSampleId :

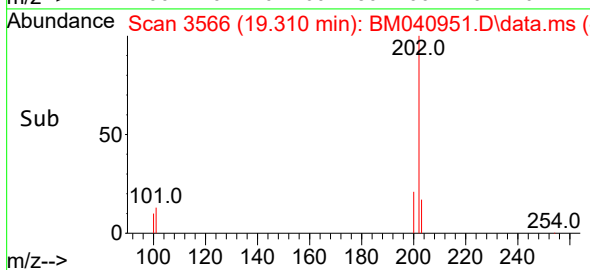
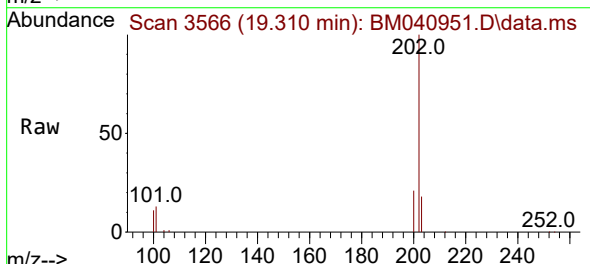
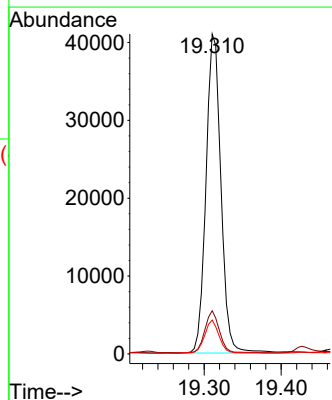


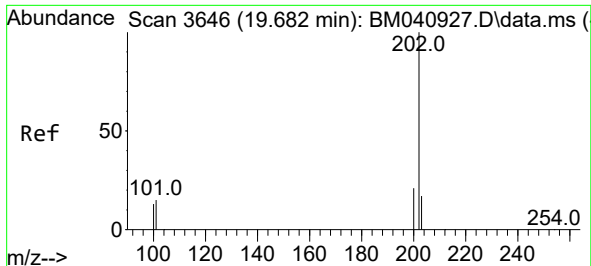
Tgt Ion:178 Resp: 3185
 Ion Ratio Lower Upper
 178 100
 179 22.3 12.9 19.3#
 176 23.1 15.8 23.6



#19
 Fluoranthene
 Concen: 1.280 ng/ul
 RT: 19.310 min Scan# 3566
 Delta R.T. -0.005 min
 Lab File: BM040951.D
 Acq: 18 Jul 2023 13:09

Tgt Ion:202 Resp: 55148
 Ion Ratio Lower Upper
 202 100
 101 13.5 11.4 17.0
 100 10.6 8.7 13.1

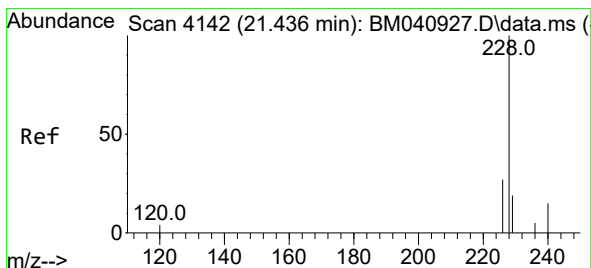
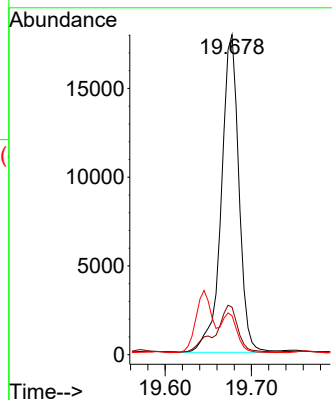
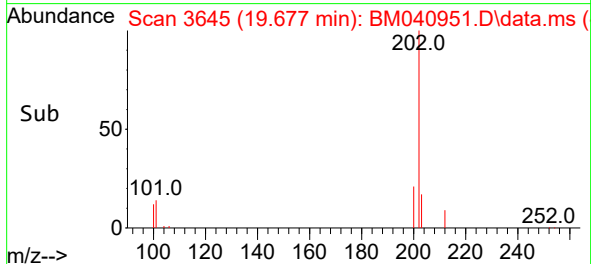
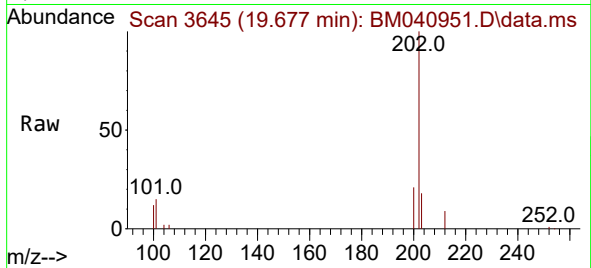




#20
Pyrene
Concen: 0.550 ng/ul
RT: 19.677 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM040951.D
Acq: 18 Jul 2023 13:09

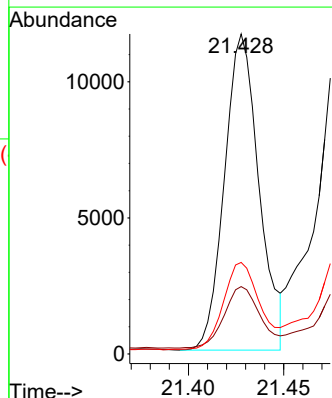
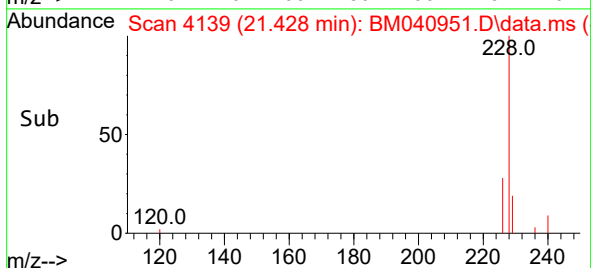
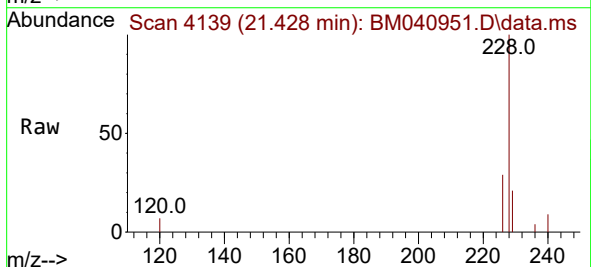
Instrument :
BNA_M
ClientSampleId :

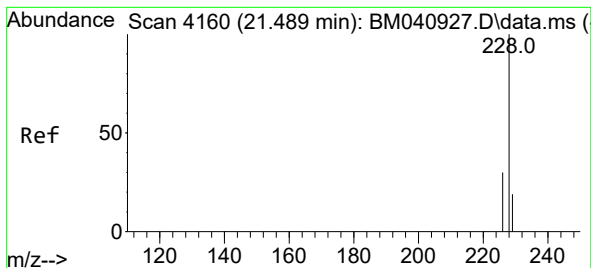
Tgt Ion:202 Resp: 25419
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.428 min Scan# 4139
Delta R.T. -0.000 min
Lab File: BM040951.D
Acq: 18 Jul 2023 13:09

Tgt Ion:228 Resp: 14625
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.6 22.3 33.5





#22

Chrysene

Concen: 0.493 ng/ul

RT: 21.480 min Scan# 41

Delta R.T. -0.000 min

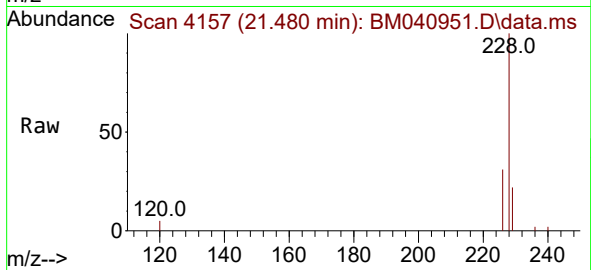
Lab File: BM040951.D

Acq: 18 Jul 2023 13:09

Instrument :

BNA_M

ClientSampleId :



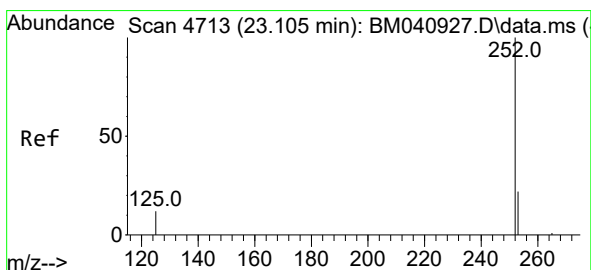
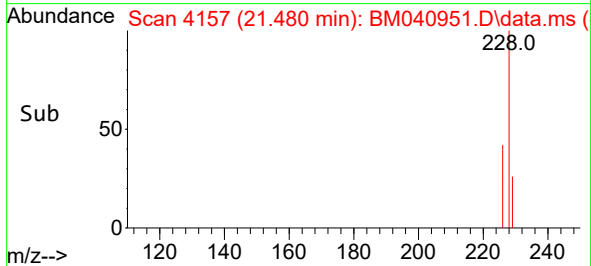
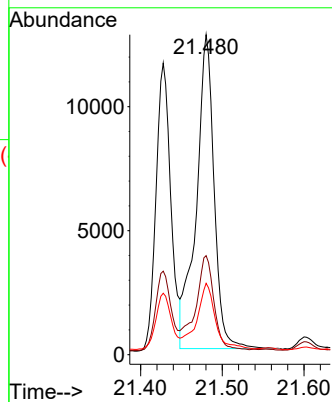
Tgt Ion:228 Resp: 19294

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 22.3 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.583 ng/ul

RT: 23.096 min Scan# 4710

Delta R.T. -0.000 min

Lab File: BM040951.D

Acq: 18 Jul 2023 13:09

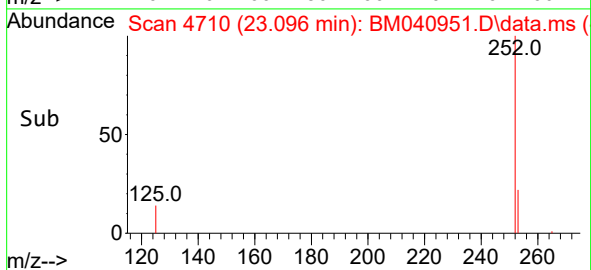
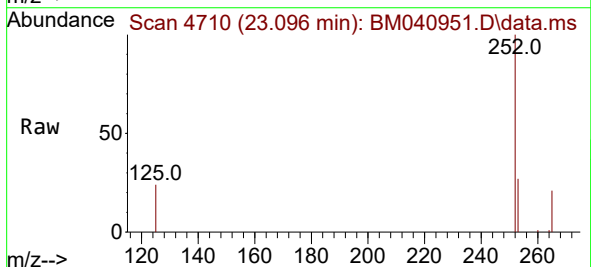
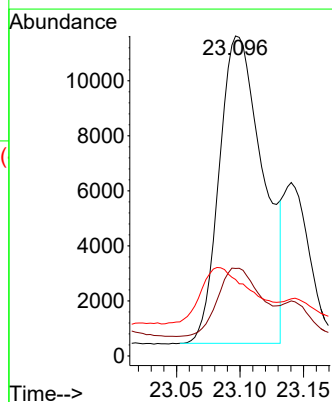
Tgt Ion:252 Resp: 26650

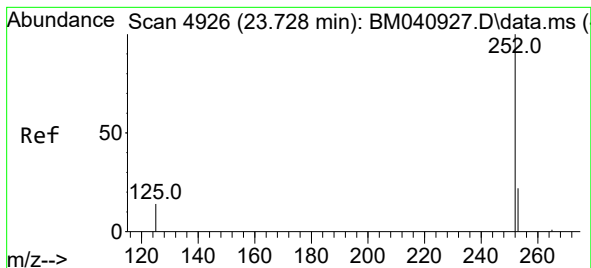
Ion Ratio Lower Upper

252 100

253 27.4 0.0 52.8

125 23.9 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.089 ng/ul

RT: 23.710 min Scan# 4926

Delta R.T. -0.003 min

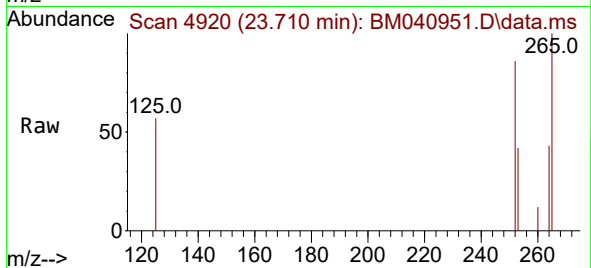
Lab File: BM040951.D

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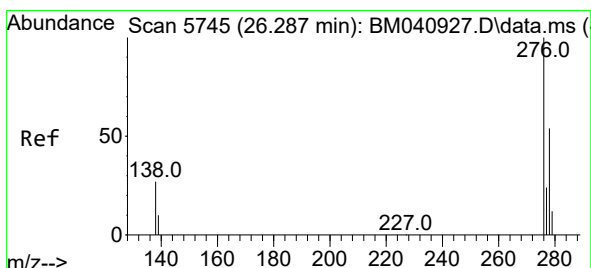
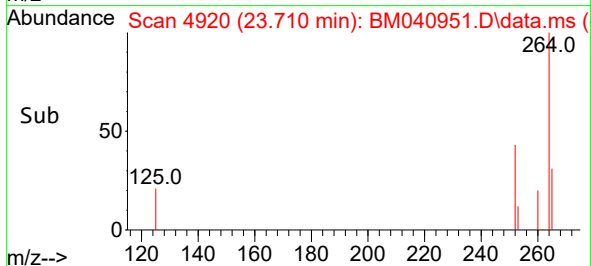
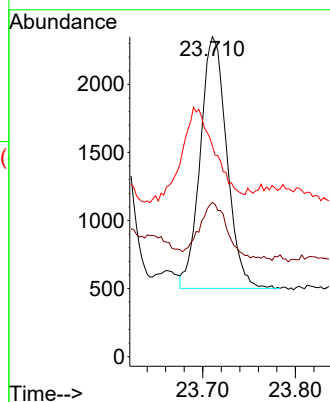
Tgt Ion:252 Resp: 3684

Ion Ratio Lower Upper

252 100

253 48.2 22.9 34.3#

125 65.9 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.117 ng/ul

RT: 26.270 min Scan# 5740

Delta R.T. -0.000 min

Lab File: BM040951.D

Acq: 18 Jul 2023 13:09

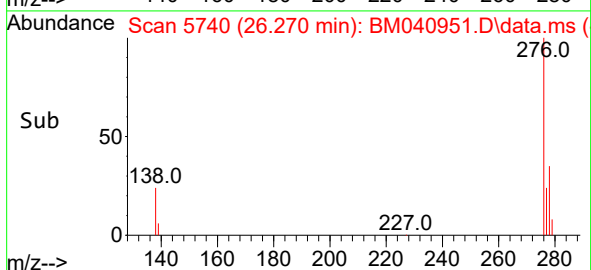
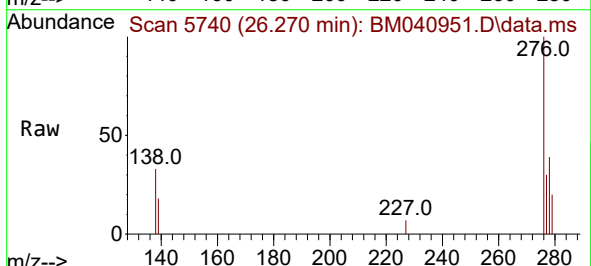
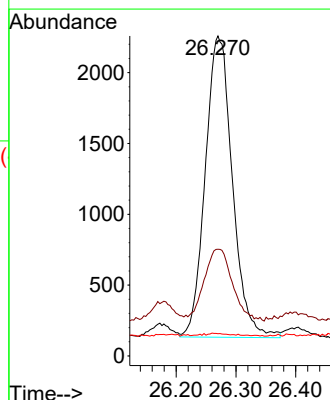
Tgt Ion:276 Resp: 6705

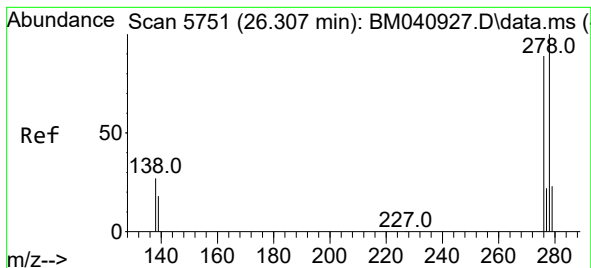
Ion Ratio Lower Upper

276 100

138 24.8 24.5 36.7

227 0.8 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.068 ng/ul

RT: 26.283 min Scan# 51

Delta R.T. -0.000 min

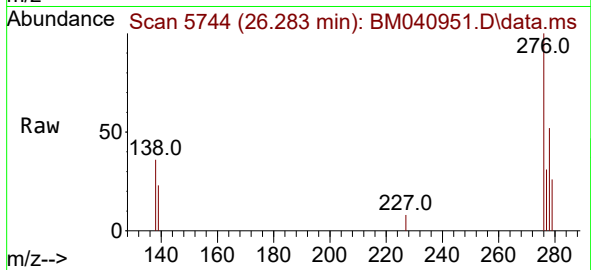
Lab File: BM040951.D

Acq: 18 Jul 2023 13:09

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:278 Resp: 3041

Ion Ratio Lower Upper

278 100

139 44.1 17.9 26.9#

279 50.2 22.0 33.0#

