

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040588.D
 Acq On : 03 Jul 2023 23:10
 Operator : MA/JU
 Sample : 03242-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 04 01:30:49 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	7.919	152	6040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	23171	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.563	164	11048	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	21588	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	12922	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	12159	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	4990	0.526	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	1439	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	2291	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	1367	0.021	ng/ul#	73
7) 2-Methylnaphthalene	12.395	142	934	0.025	ng/ul	98
10) Acenaphthylene	14.286	152	1843	0.037	ng/ul#	77
15) Phenanthrene	17.353	178	17150	0.256	ng/ul	98
16) Anthracene	17.446	178	3092	0.055	ng/ul#	82
19) Fluoranthene	19.370	202	40789	0.743	ng/ul	100
20) Pyrene	19.733	202	33809	0.575	ng/ul	98
21) Benzo(a)anthracene	21.480	228	17012	0.389	ng/ul	94
22) Chrysene	21.532	228	17330	0.348	ng/ul	95
24) Benzo(b)fluoranthene	23.172	252	28264	0.601	ng/ul	92
25) Benzo(k)fluoranthene	23.213	252	9799m	0.211	ng/ul	
26) Benzo(a)pyrene	23.798	252	16001	0.378	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.407	276	15313	0.259	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.407	278	3461	0.075	ng/ul#	39
29) Benzo(g,h,i)perylene	27.175	276	14216	0.275	ng/ul	93

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

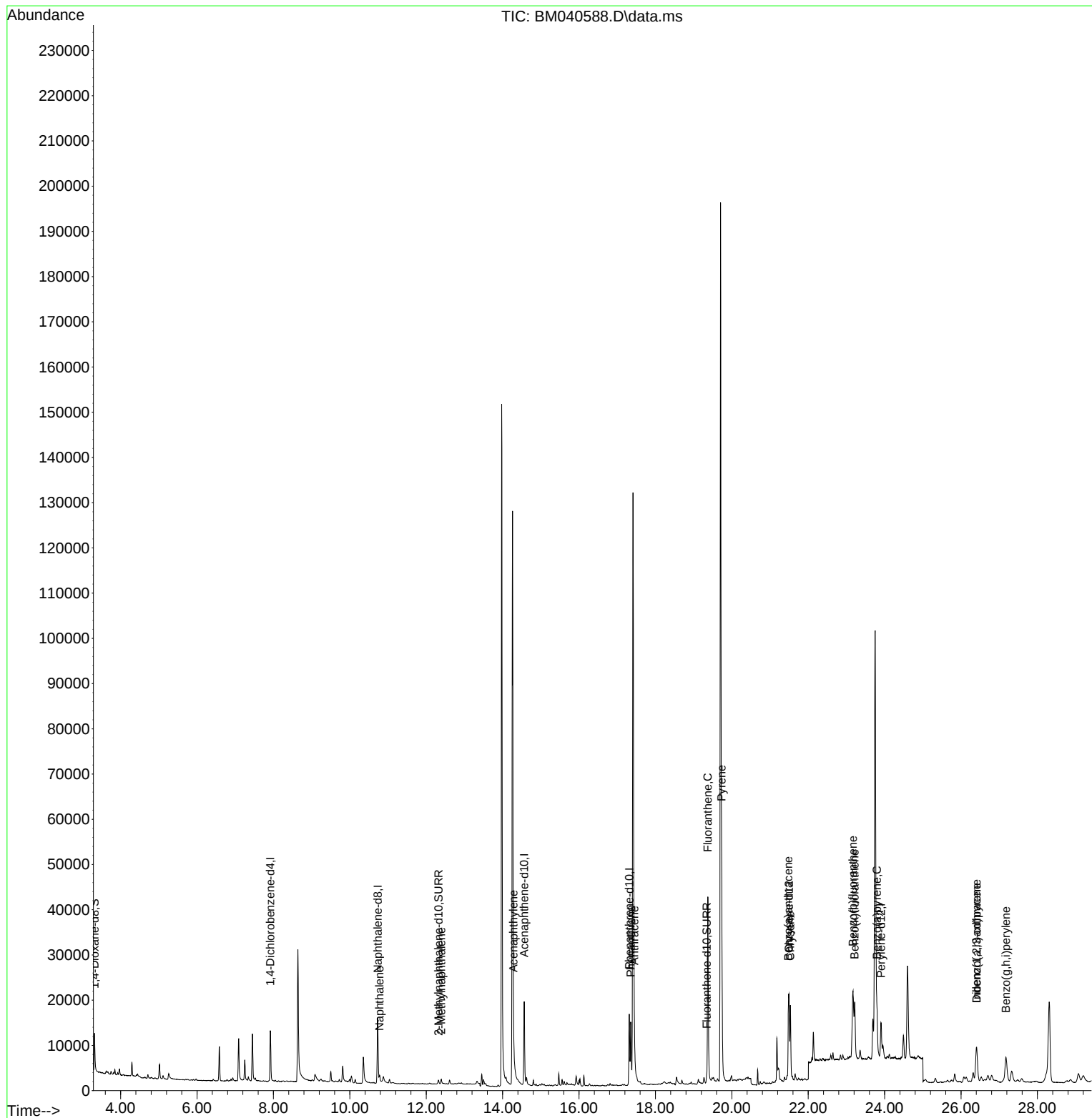
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040588.D
Acq On : 03 Jul 2023 23:10
Operator : MA/JU
Sample : 03242-10DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

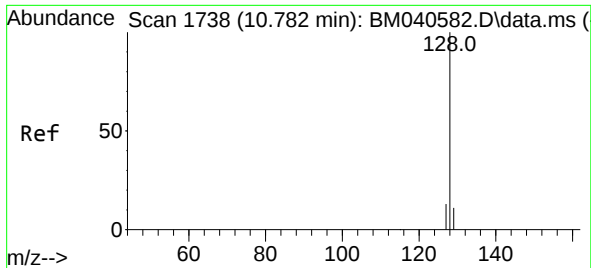
Instrument :
BNA_M
ClientSampleId :
DCGB1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

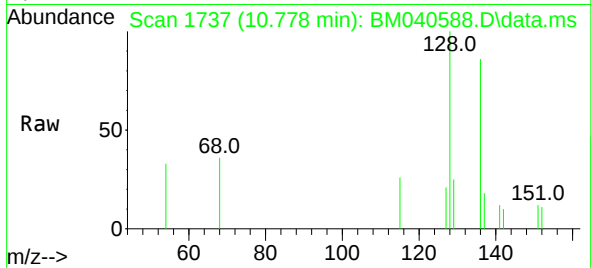
Quant Time: Jul 04 01:30:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040588.D
Acq: 03 Jul 2023 23:10

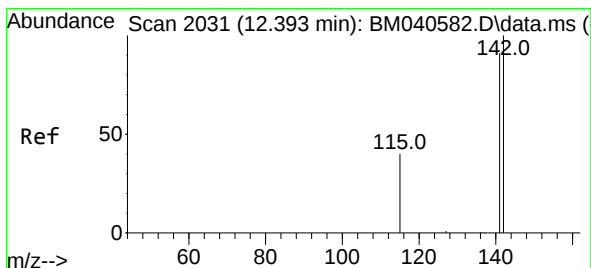
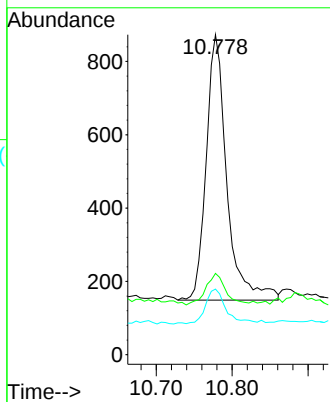
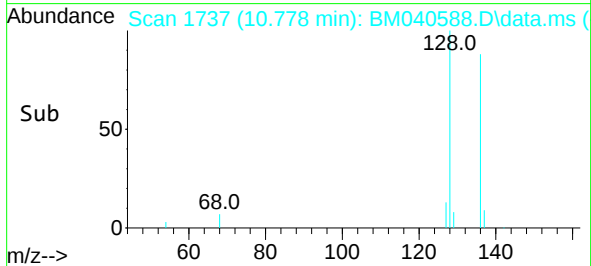
Instrument :
BNA_M
ClientSampleId :
DCGB1DL



Tgt Ion:128 Resp: 136
Ion Ratio Lower Upper
128 100
129 25.4 9.2 13.8
127 20.5 10.6 15.8

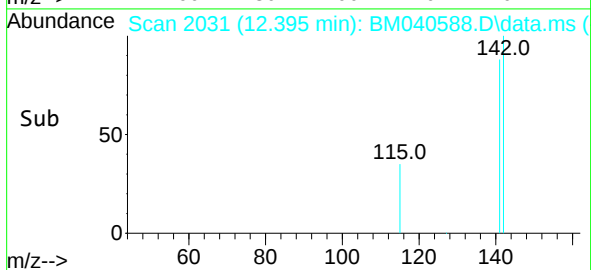
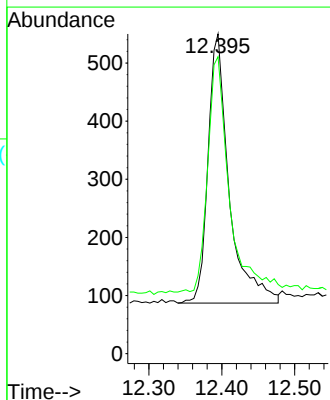
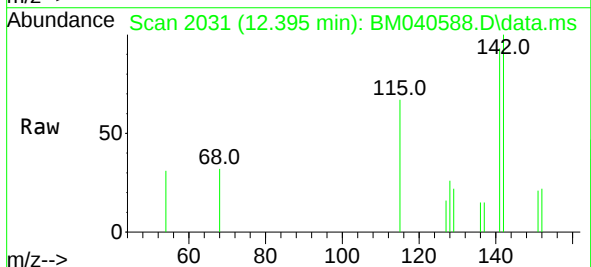
Manual Integrations
APPROVED

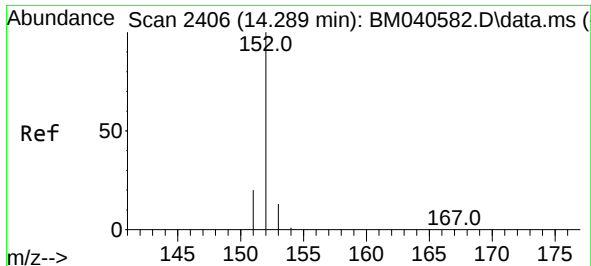
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040588.D
Acq: 03 Jul 2023 23:10

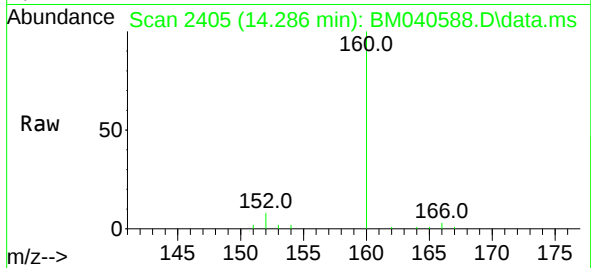
Tgt Ion:142 Resp: 934
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9





#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM040588.D
Acq: 03 Jul 2023 23:10

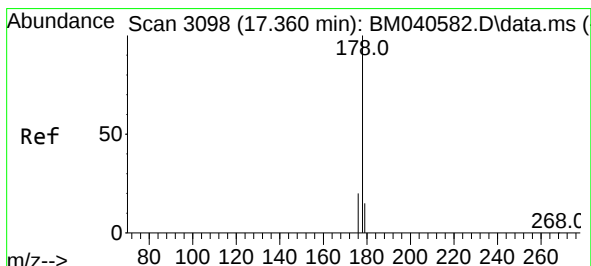
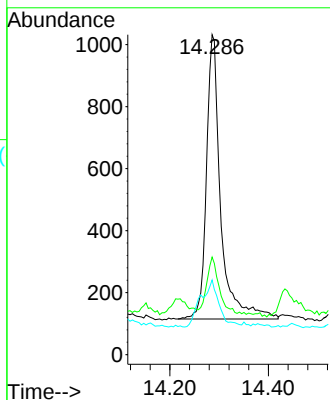
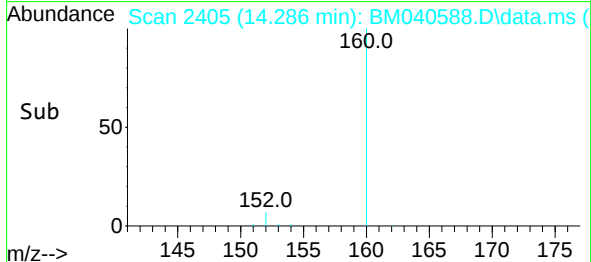
Instrument :
BNA_M
ClientSampleId :
DCGB1DL



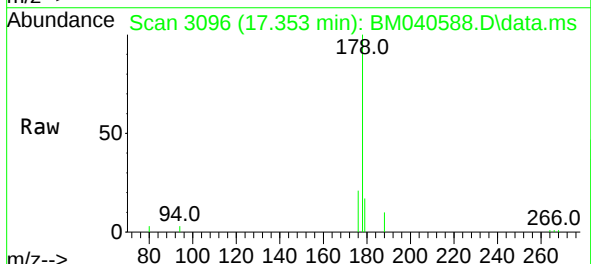
Tgt Ion:152 Resp: 184
Ion Ratio Lower Upper
152 100
151 30.5 16.2 24.2
153 23.4 10.9 16.3

Manual Integrations
APPROVED

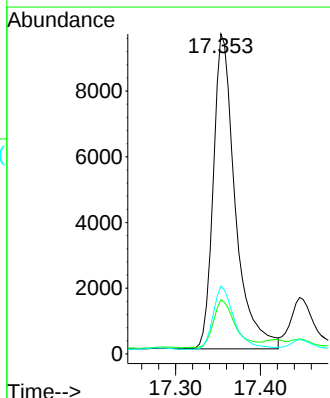
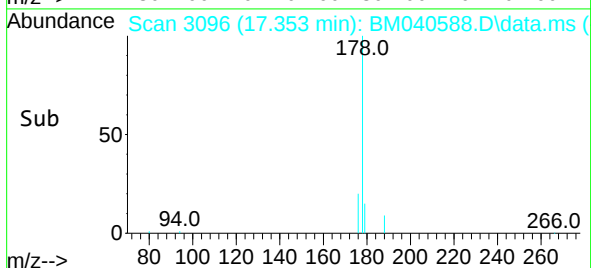
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

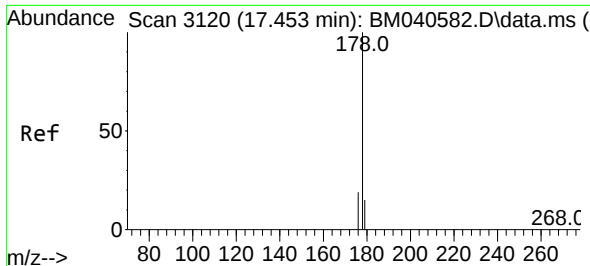


#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. -0.009 min
Lab File: BM040588.D
Acq: 03 Jul 2023 23:10



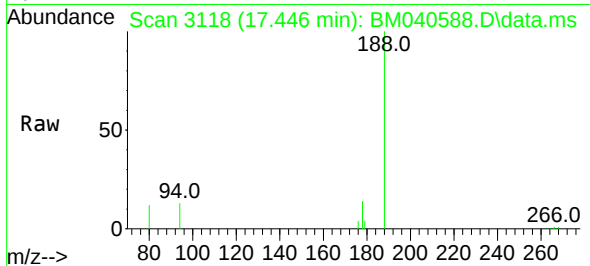
Tgt Ion:178 Resp: 17150
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 21.2 16.4 24.6





#16
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.446 min Scan# 3120
 Delta R.T. -0.008 min
 Lab File: BM040588.D
 Acq: 03 Jul 2023 23:10

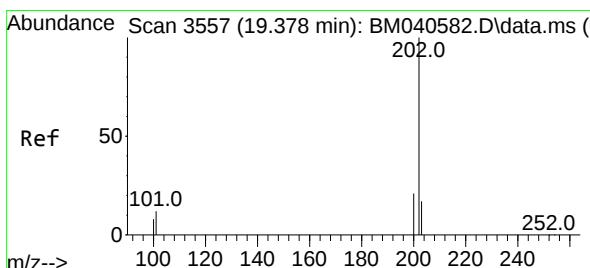
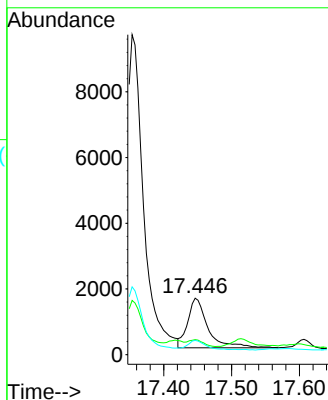
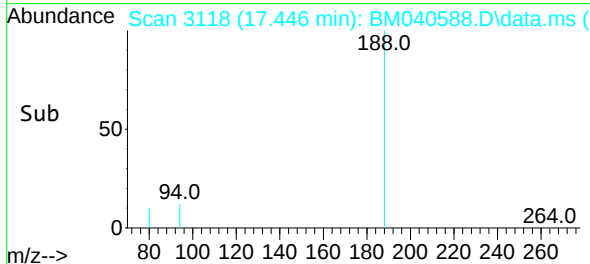
Instrument :
 BNA_M
 ClientSampleId :
 DCGB1DL



Tgt Ion:178 Resp: 3092
 Ion Ratio Lower Upper
 178 100
 179 26.5 12.9 19.3
 176 25.3 15.8 23.6

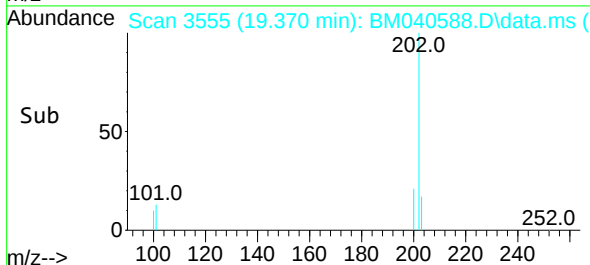
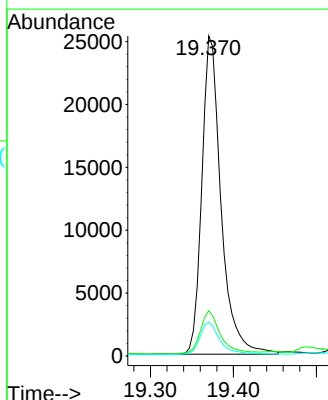
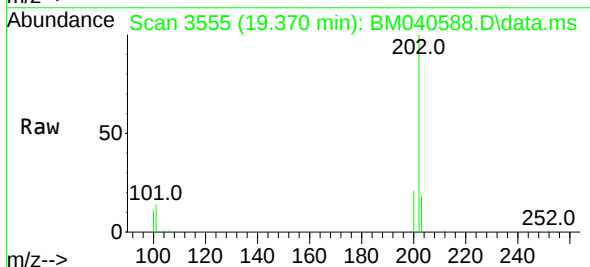
Manual Integrations
 APPROVED

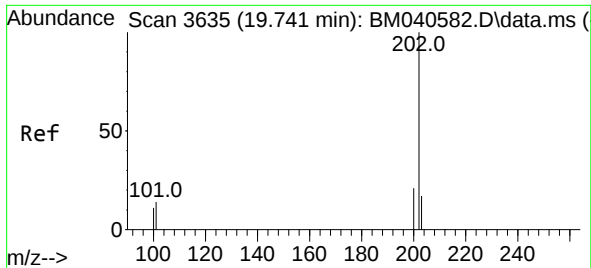
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023



#19
 Fluoranthene
 Concen: 0.743 ng/ul
 RT: 19.370 min Scan# 3555
 Delta R.T. -0.009 min
 Lab File: BM040588.D
 Acq: 03 Jul 2023 23:10

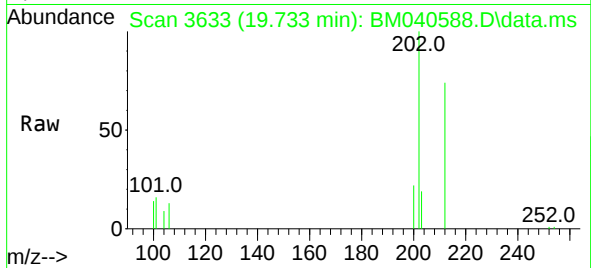
Tgt Ion:202 Resp: 40789
 Ion Ratio Lower Upper
 202 100
 101 14.1 11.4 17.0
 100 10.6 8.7 13.1





#20
Pyrene
Concen: 0.575 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040588.D
Acq: 03 Jul 2023 23:10

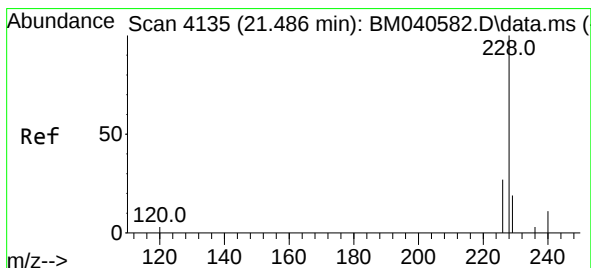
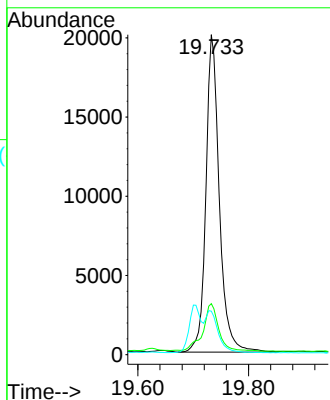
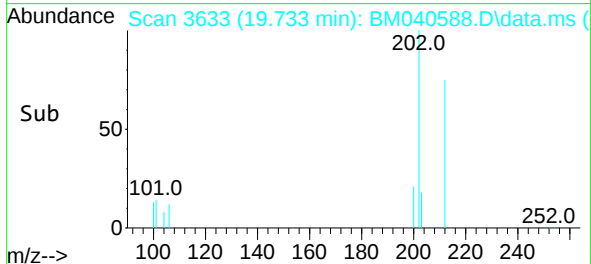
Instrument :
BNA_M
ClientSampleId :
DCGB1DL



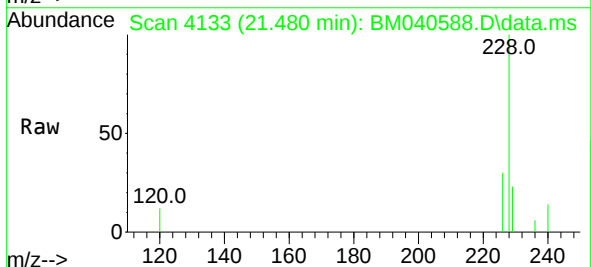
Tgt Ion:202 Resp: 33809
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 13.6 9.8 14.6

Manual Integrations
APPROVED

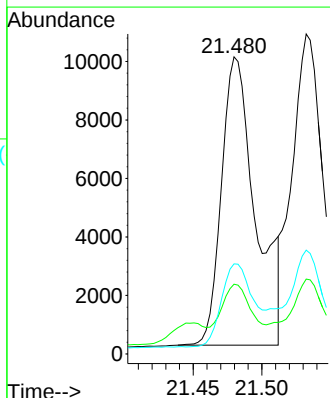
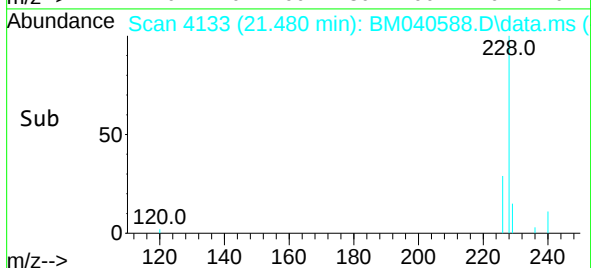
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

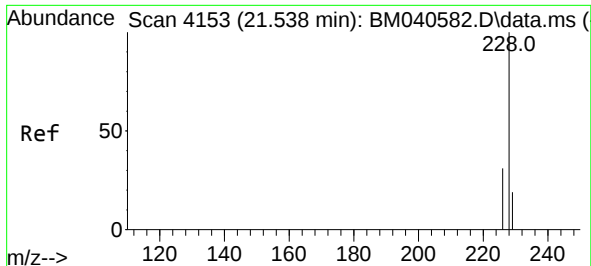


#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.480 min Scan# 4133
Delta R.T. -0.009 min
Lab File: BM040588.D
Acq: 03 Jul 2023 23:10



Tgt Ion:228 Resp: 17012
Ion Ratio Lower Upper
228 100
229 23.5 16.0 24.0
226 30.3 22.3 33.5





#22

Chrysene

Concen: 0.348 ng/ul

RT: 21.532 min Scan# 4153

Delta R.T. -0.009 min

Lab File: BM040588.D

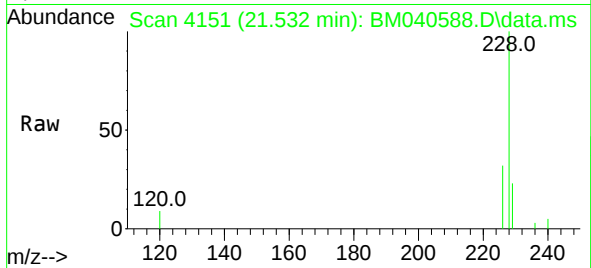
Acq: 03 Jul 2023 23:10

Instrument :

BNA_M

ClientSampleId :

DCGB1DL

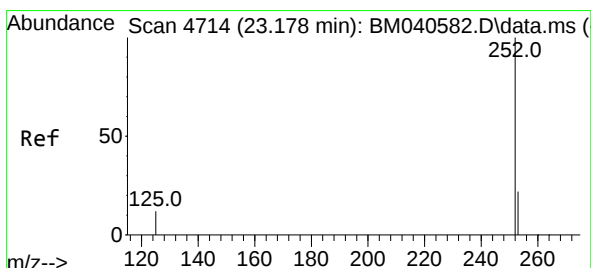
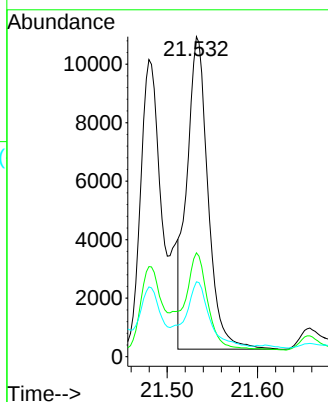
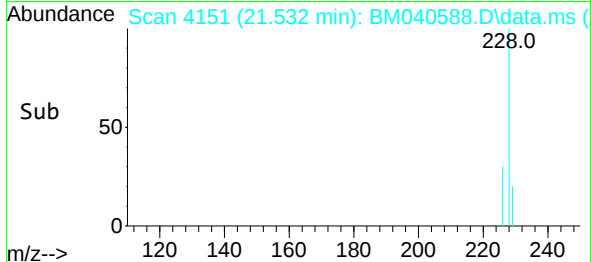


Tgt Ion:	228	Resp:	17330
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.9	37.3
229	23.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#24

Benzo(b)fluoranthene

Concen: 0.601 ng/ul

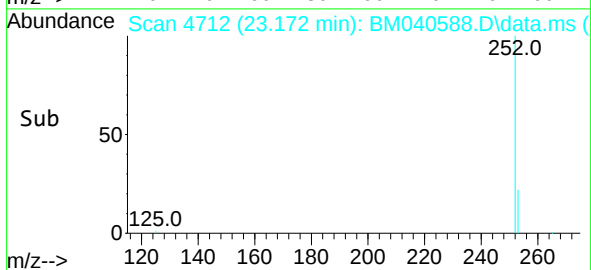
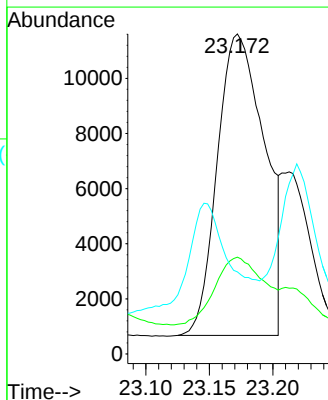
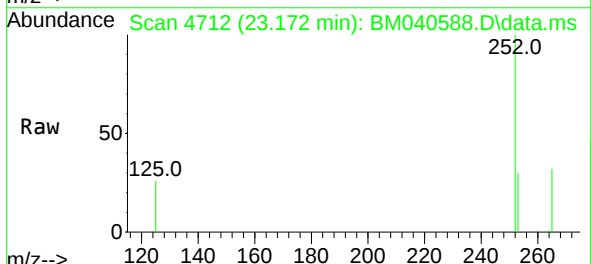
RT: 23.172 min Scan# 4712

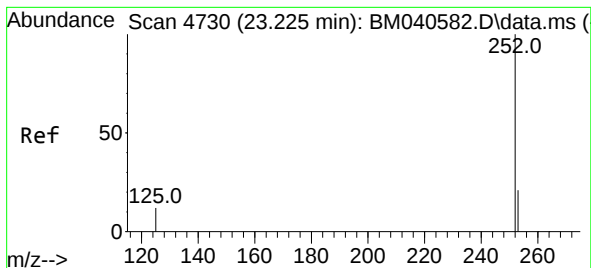
Delta R.T. -0.009 min

Lab File: BM040588.D

Acq: 03 Jul 2023 23:10

Tgt Ion:	252	Resp:	28264
Ion Ratio	Lower	Upper	
252	100		
253	30.3	0.0	52.8
125	25.6	0.0	43.0





#25

Benzo(k)fluoranthene

Concen: 0.211 ng/ul m

RT: 23.213 min Scan# 4726

Delta R.T. -0.012 min

Lab File: BM040588.D

Acq: 03 Jul 2023 23:10

Instrument :

BNA_M

ClientSampleId :

DCGB1DL

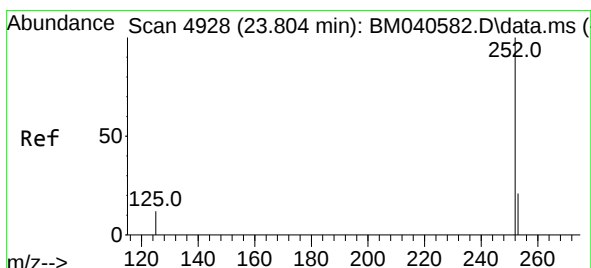
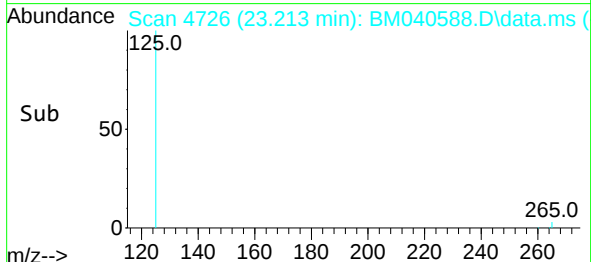
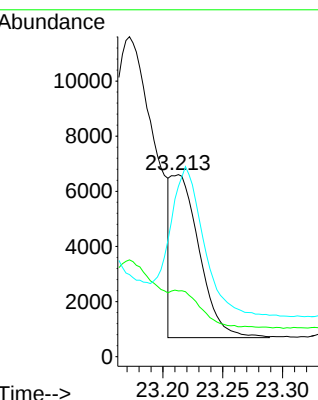
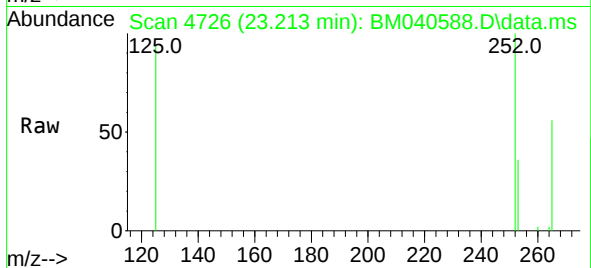
Tgt Ion:252 Resp: 979

Ion	Ratio	Lower	Upper
252	100		
253	36.1	21.2	31.8
125	93.6	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#26

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 23.798 min Scan# 4926

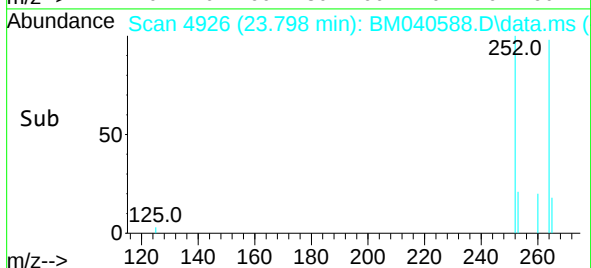
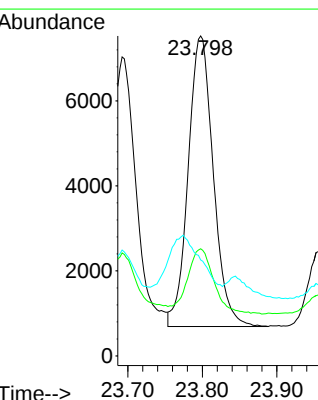
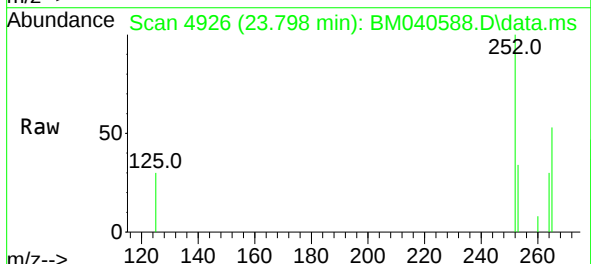
Delta R.T. -0.006 min

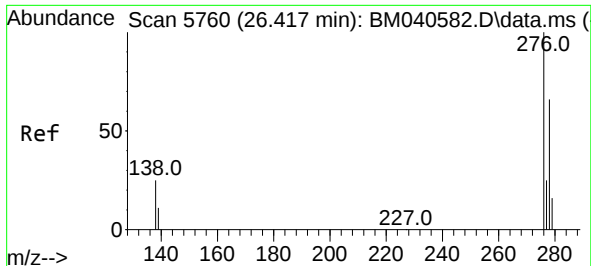
Lab File: BM040588.D

Acq: 03 Jul 2023 23:10

Tgt Ion:252 Resp: 16001

Ion	Ratio	Lower	Upper
252	100		
253	33.5	22.9	34.3
125	30.0	21.0	31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.259 ng/ul

RT: 26.407 min Scan# 5757

Delta R.T. -0.010 min

Lab File: BM040588.D

Acq: 03 Jul 2023 23:10

Instrument :

BNA_M

ClientSampleId :

DCGB1DL

Tgt Ion:276 Resp: 1531

Ion Ratio Lower Upper

276 100

138 22.4 24.5 36.7

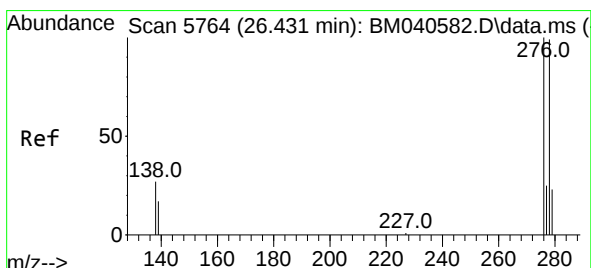
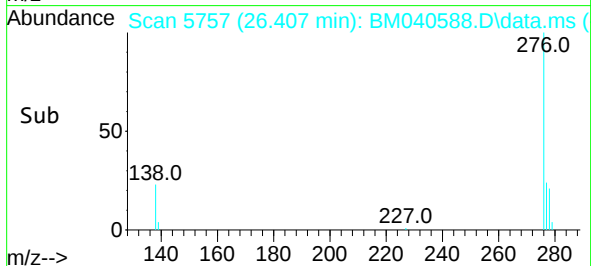
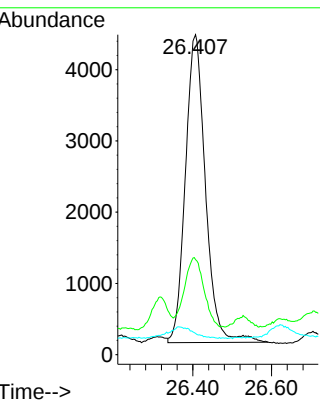
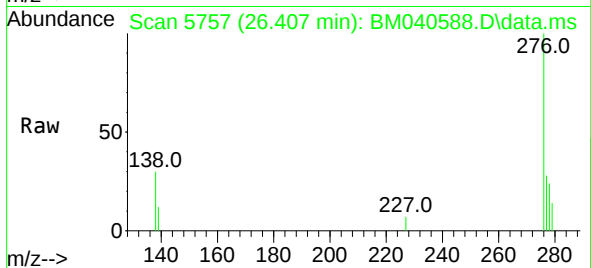
227 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/04/2023

Supervised By :Sohil Jodhani 07/04/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.075 ng/ul

RT: 26.407 min Scan# 5757

Delta R.T. -0.024 min

Lab File: BM040588.D

Acq: 03 Jul 2023 23:10

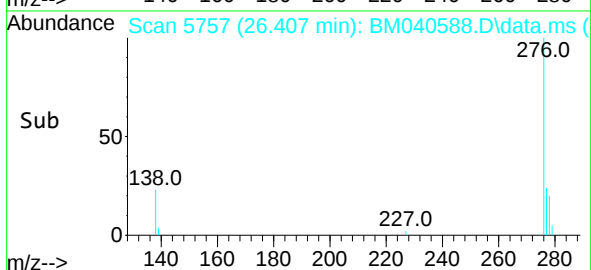
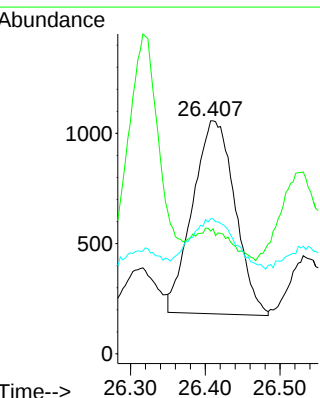
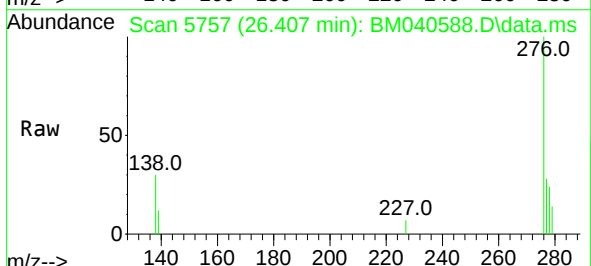
Tgt Ion:278 Resp: 3461

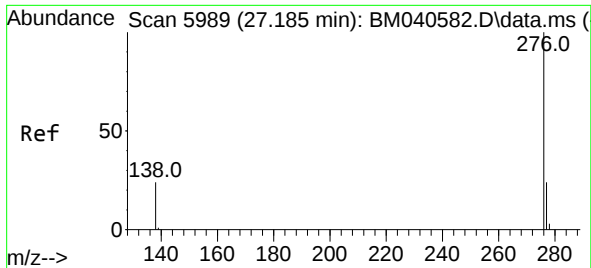
Ion Ratio Lower Upper

278 100

139 52.7 17.9 26.9#

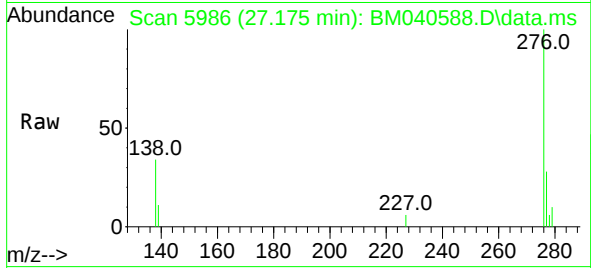
279 58.0 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 27.175 min Scan# 5986
Delta R.T. -0.007 min
Lab File: BM040588.D
Acq: 03 Jul 2023 23:10

Instrument :
BNA_M
ClientSampleId :
DCGB1DL



Tgt Ion:276 Resp: 14210
Ion Ratio Lower Upper
276 100
138 33.9 23.0 34.6
277 27.7 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

