

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040622.D
 Acq On : 04 Jul 2023 21:31
 Operator : MA/JU
 Sample : 03244-16DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGF5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 02:42:27 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	8355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	31635	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.559	164	14744	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	28235	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	16765	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	15865	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	5727	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1559	0.035	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	2313	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.767	128	4575	0.052	ng/ul#	91
7) 2-Methylnaphthalene	12.384	142	1778	0.035	ng/ul	100
10) Acenaphthylene	14.281	152	3745	0.057	ng/ul#	91
15) Phenanthrene	17.349	178	28442	0.324	ng/ul	100
16) Anthracene	17.438	178	5249	0.071	ng/ul#	90
19) Fluoranthene	19.366	202	76047	1.068	ng/ul	96
20) Pyrene	19.728	202	60084	0.787	ng/ul	99
21) Benzo(a)anthracene	21.474	228	31637	0.558	ng/ul	96
22) Chrysene	21.526	228	31514	0.487	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	53141	0.866	ng/ul	96
25) Benzo(k)fluoranthene	23.201	252	14144m	0.234	ng/ul	
26) Benzo(a)pyrene	23.789	252	29583	0.535	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.387	276	26286	0.341	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.397	278	6208	0.103	ng/ul#	75
29) Benzo(g,h,i)perylene	27.155	276	25201	0.373	ng/ul	98

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

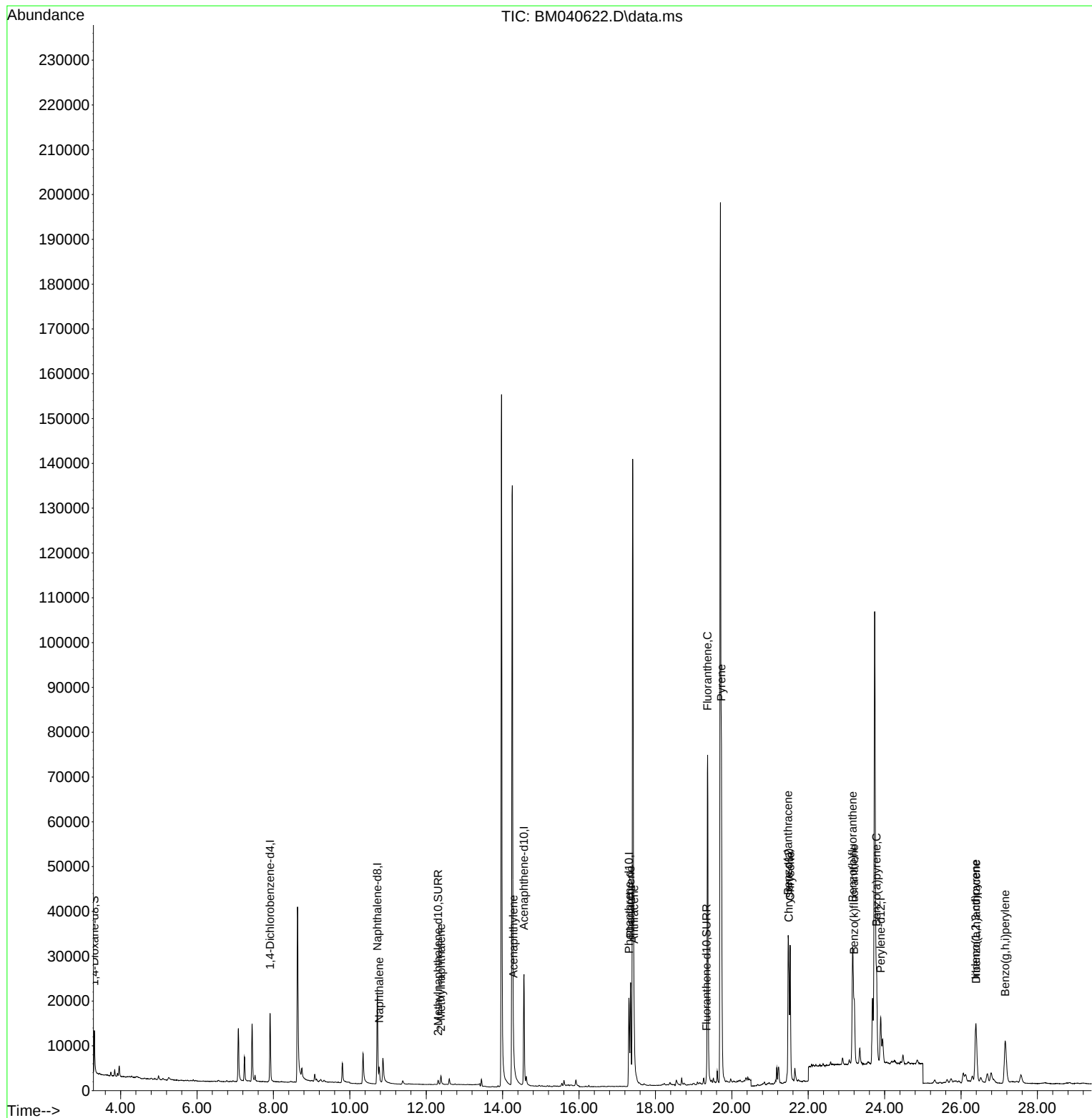
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040622.D
Acq On : 04 Jul 2023 21:31
Operator : MA/JU
Sample : 03244-16DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

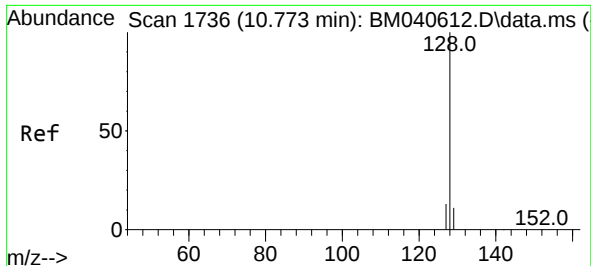
Instrument :
BNA_M
ClientSampleId :
DCGF5DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

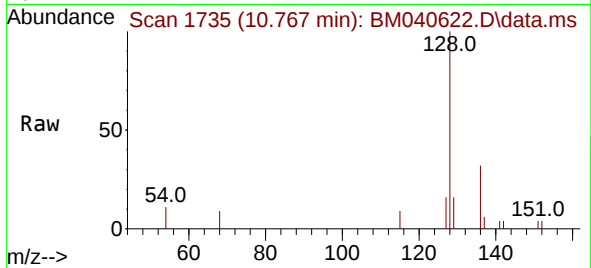
Quant Time: Jul 05 02:42:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. -0.017 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

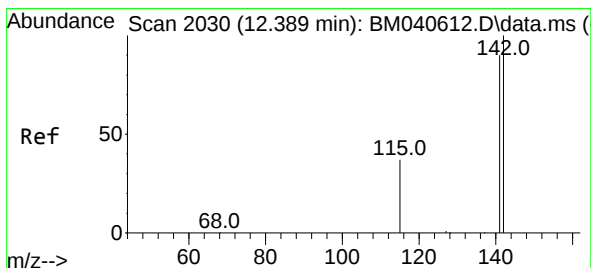
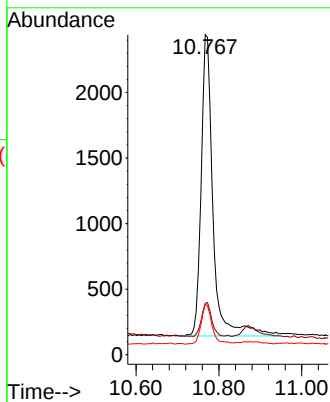
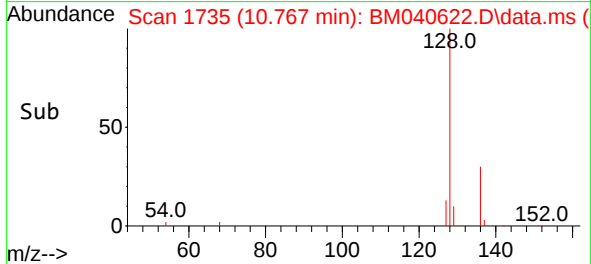
Instrument :
BNA_M
ClientSampleId :
DCGF5DL



Tgt Ion:128 Resp: 4579
Ion Ratio Lower Upper
128 100
129 16.1 9.2 13.8
127 15.8 10.6 15.8

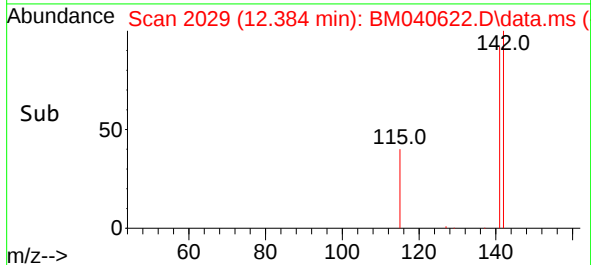
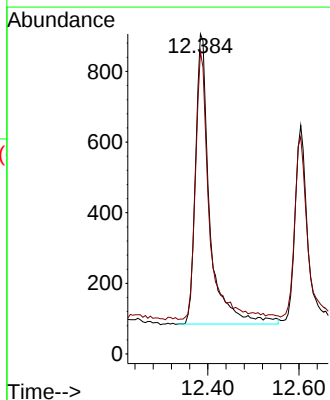
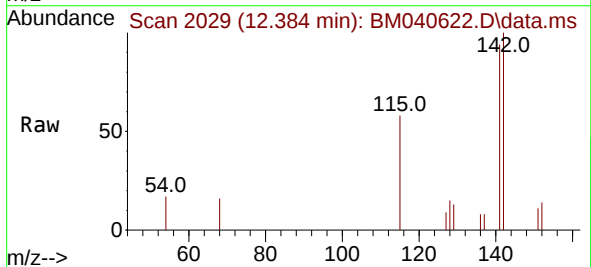
Manual Integrations
APPROVED

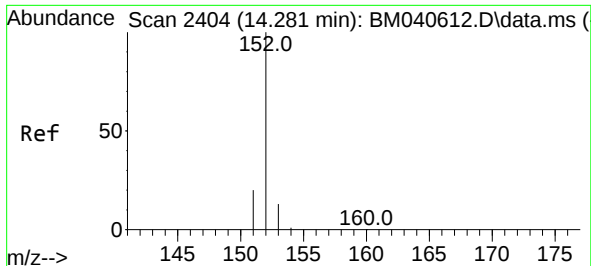
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

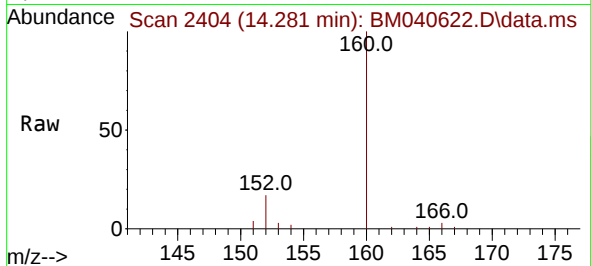
Tgt Ion:142 Resp: 1778
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

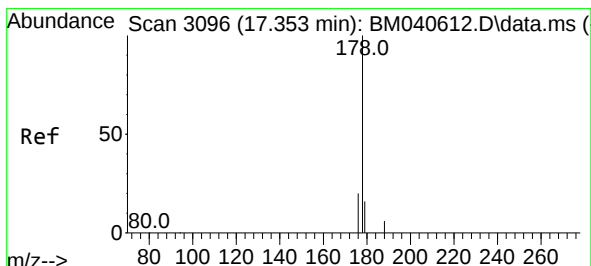
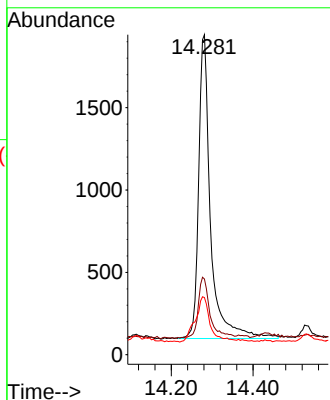
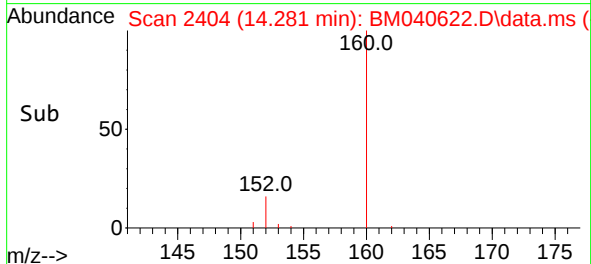
Instrument :
BNA_M
ClientSampleId :
DCGF5DL



Tgt Ion:152 Resp: 3745
Ion Ratio Lower Upper
152 100
151 23.7 16.2 24.2
153 17.9 10.9 16.3

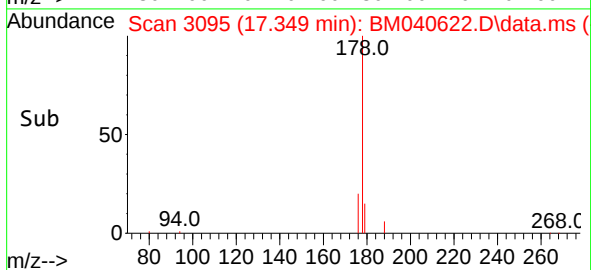
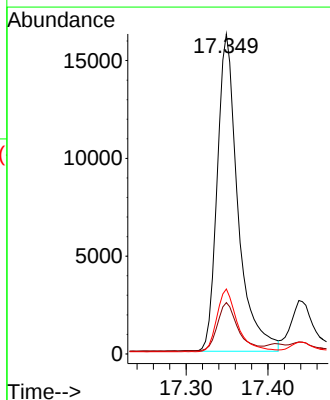
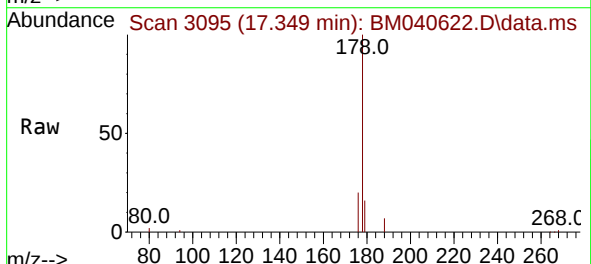
Manual Integrations
APPROVED

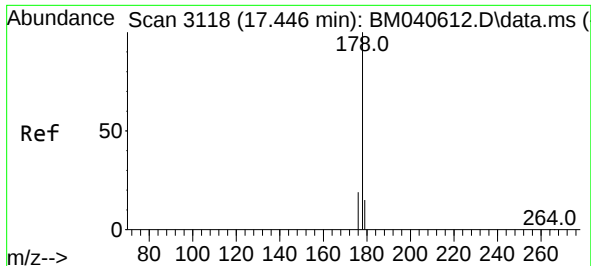
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

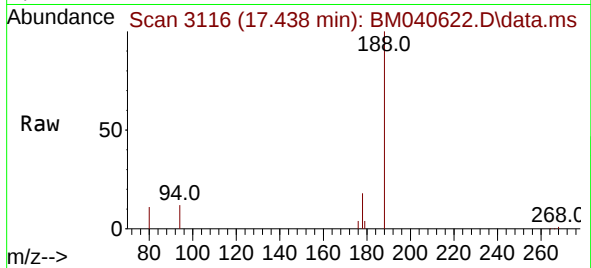
Tgt Ion:178 Resp: 28442
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.3 16.4 24.6





#16
 Anthracene
 Concen: 0.071 ng/ul
 RT: 17.438 min Scan# 3116
 Delta R.T. -0.017 min
 Lab File: BM040622.D
 Acq: 04 Jul 2023 21:31

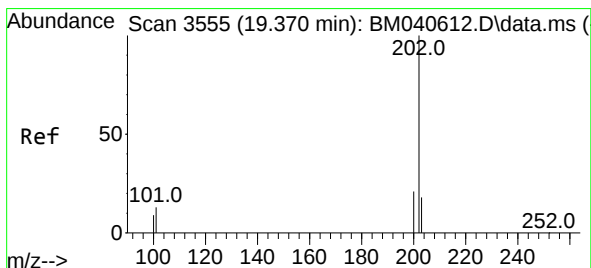
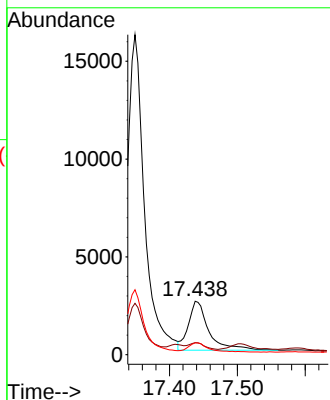
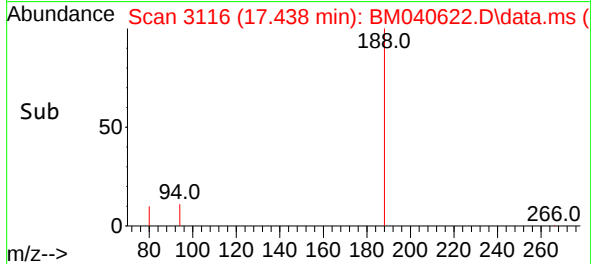
Instrument :
 BNA_M
 ClientSampleId :
 DCGF5DL



Tgt Ion:178 Resp: 5249
 Ion Ratio Lower Upper
 178 100
 179 22.5 12.9 19.3
 176 22.3 15.8 23.6

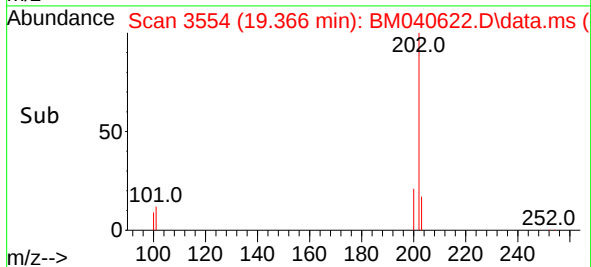
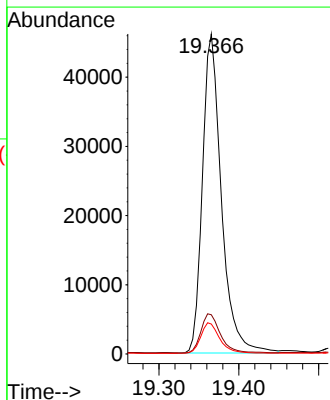
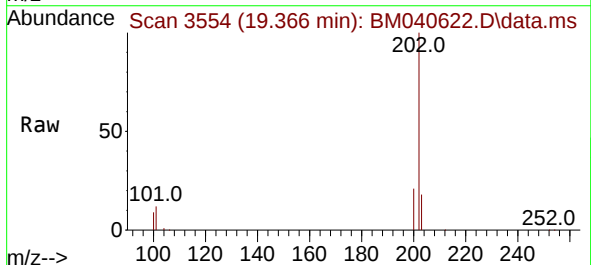
Manual Integrations
 APPROVED

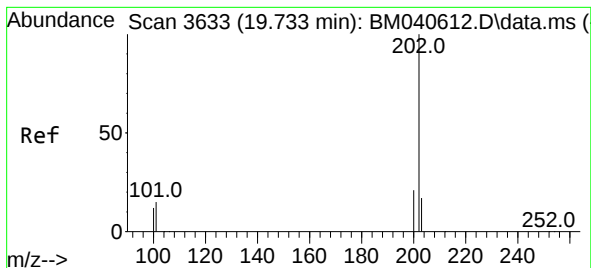
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



#19
 Fluoranthene
 Concen: 1.068 ng/ul
 RT: 19.366 min Scan# 3554
 Delta R.T. -0.014 min
 Lab File: BM040622.D
 Acq: 04 Jul 2023 21:31

Tgt Ion:202 Resp: 76047
 Ion Ratio Lower Upper
 202 100
 101 12.2 11.4 17.0
 100 9.4 8.7 13.1





#20

Pyrene

Concen: 0.787 ng/ul

RT: 19.728 min Scan# 30

Delta R.T. -0.014 min

Lab File: BM040622.D

Acq: 04 Jul 2023 21:31

Instrument :

BNA_M

ClientSampleId :

DCGF5DL

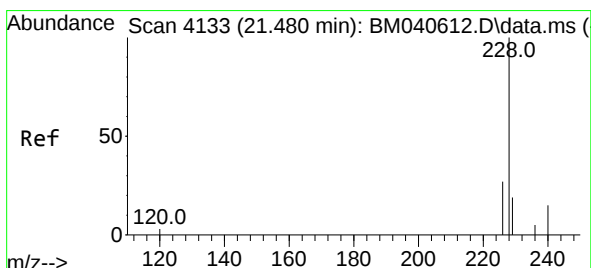
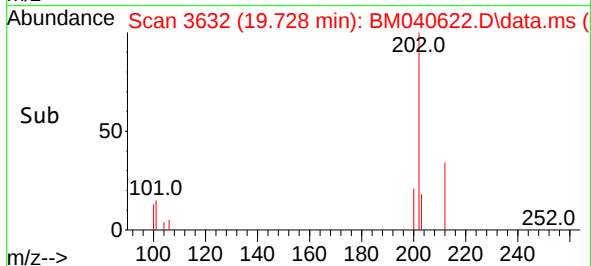
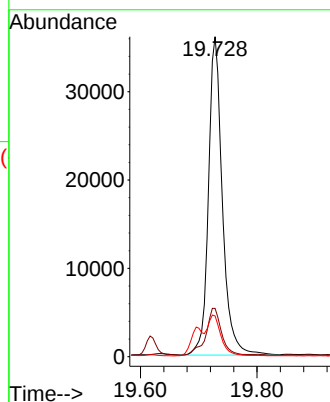
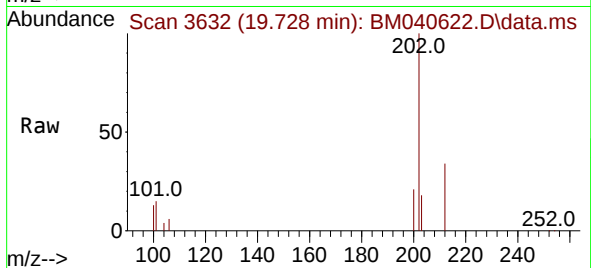
Tgt Ion:	202	Resp:	60084
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.6	18.8
100	12.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#21

Benzo(a)anthracene

Concen: 0.558 ng/ul

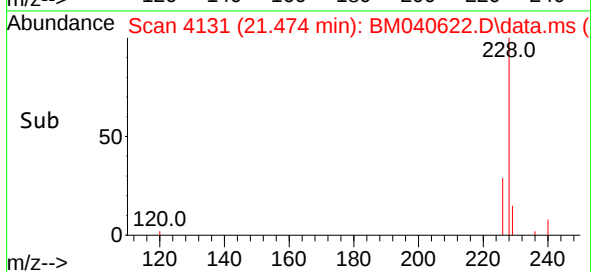
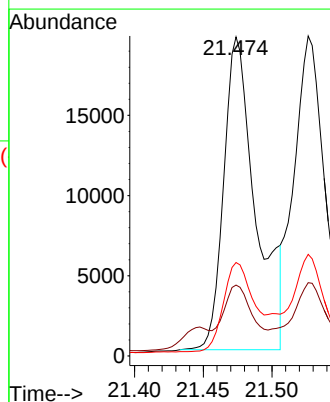
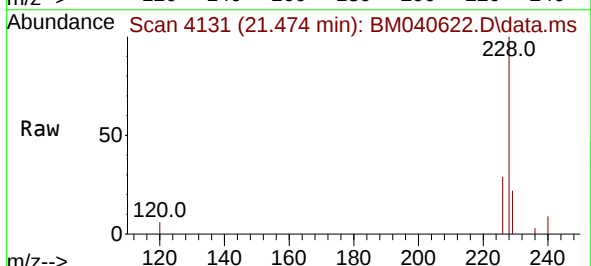
RT: 21.474 min Scan# 4131

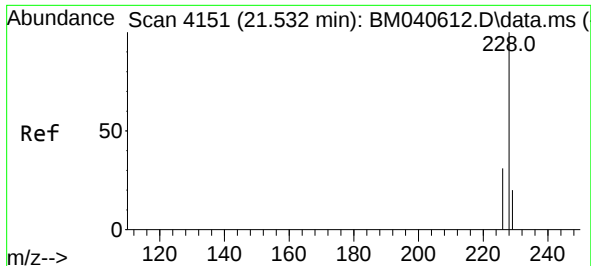
Delta R.T. -0.015 min

Lab File: BM040622.D

Acq: 04 Jul 2023 21:31

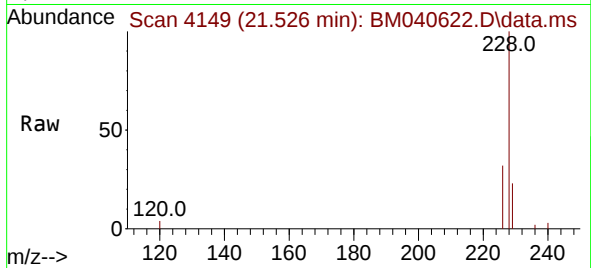
Tgt Ion:	228	Resp:	31637
Ion Ratio	Lower	Upper	
228	100		
229	22.2	16.0	24.0
226	29.3	22.3	33.5





#22
Chrysene
Concen: 0.487 ng/ul
RT: 21.526 min Scan# 4151
Delta R.T. -0.015 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

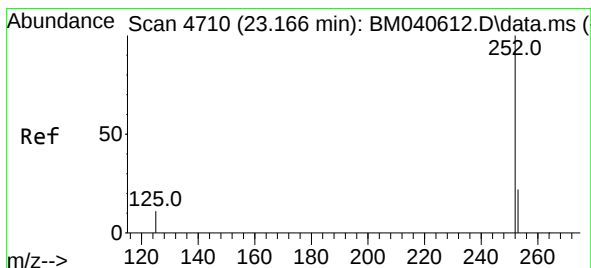
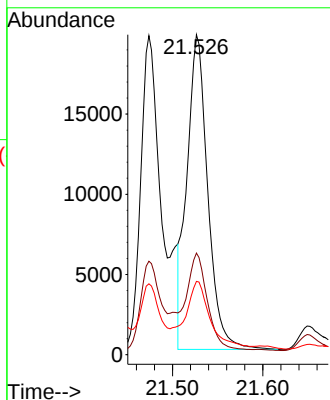
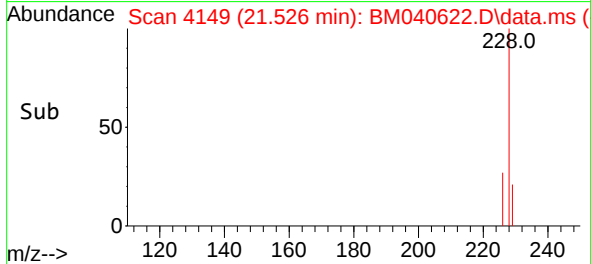
Instrument :
BNA_M
ClientSampleId :
DCGF5DL



Tgt Ion:228 Resp: 31514
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 22.9 15.8 23.6

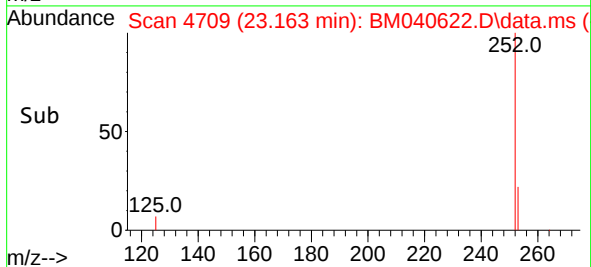
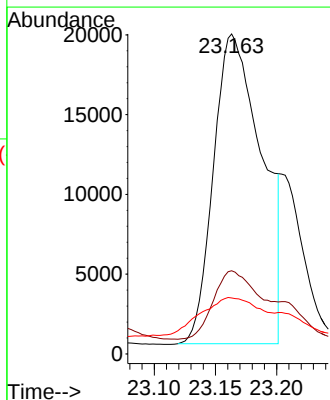
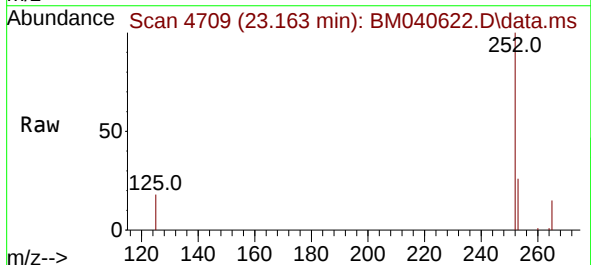
Manual Integrations
APPROVED

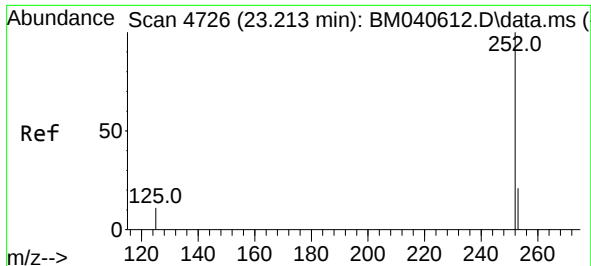
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#24
Benzo(b)fluoranthene
Concen: 0.866 ng/ul
RT: 23.163 min Scan# 4709
Delta R.T. -0.018 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

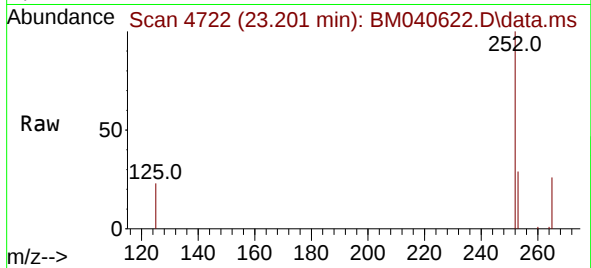
Tgt Ion:252 Resp: 53141
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.8
125 17.5 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul m
RT: 23.201 min Scan# 4722
Delta R.T. -0.023 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

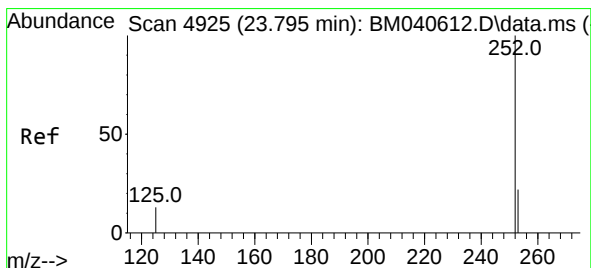
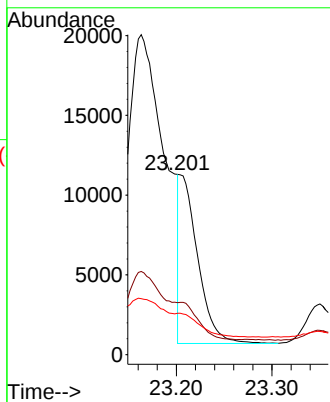
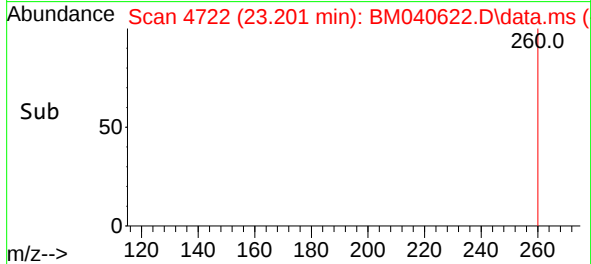
Instrument :
BNA_M
ClientSampleId :
DCGF5DL



Tgt Ion:252 Resp: 14144
Ion Ratio Lower Upper
252 100
253 28.8 21.2 31.8
125 23.0 16.4 24.6

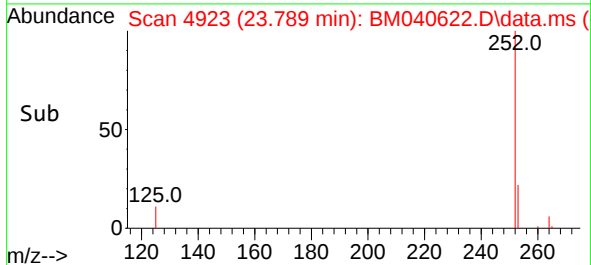
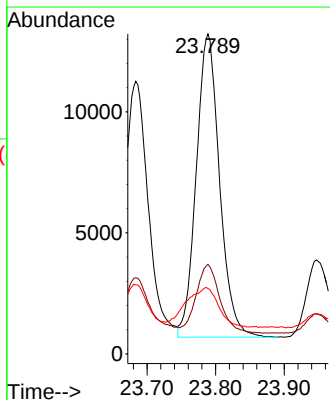
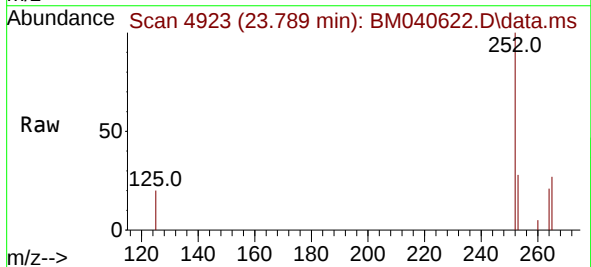
Manual Integrations
APPROVED

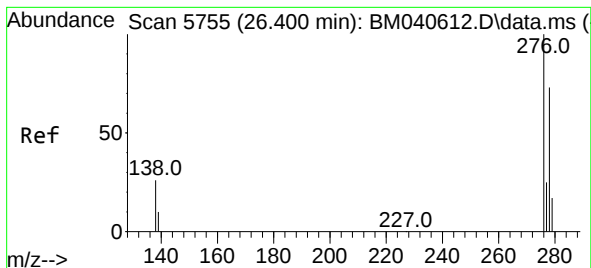
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Tgt Ion:252 Resp: 29583
Ion Ratio Lower Upper
252 100
253 28.0 22.9 34.3
125 20.5 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.341 ng/ul

RT: 26.387 min Scan# 5751

Delta R.T. -0.030 min

Lab File: BM040622.D

Acq: 04 Jul 2023 21:31

Instrument :

BNA_M

ClientSampleId :

DCGF5DL

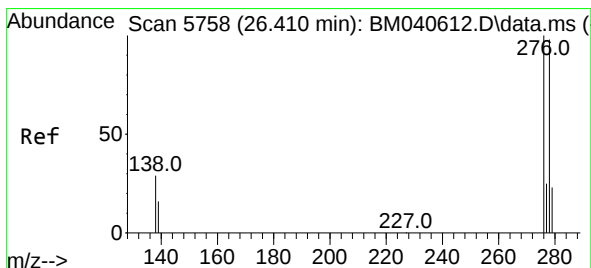
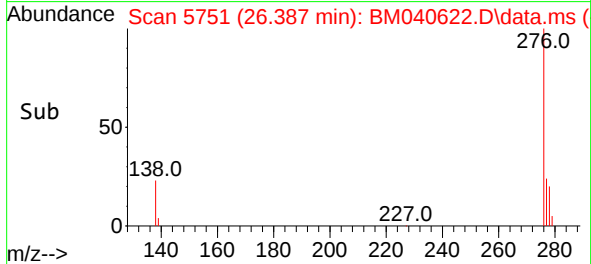
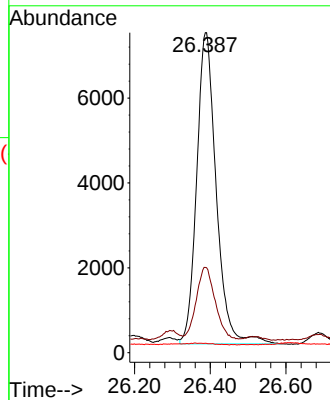
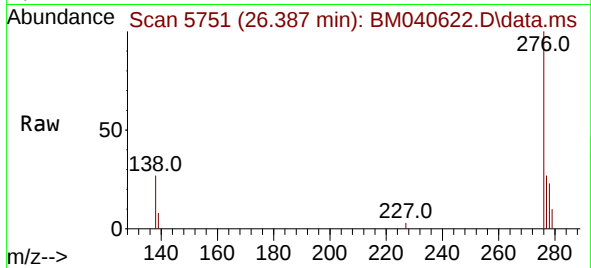
Tgt Ion:276 Resp: 26280
 Ion Ratio Lower Upper
 276 100
 138 22.8 24.5 36.7#
 227 0.0 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.103 ng/ul

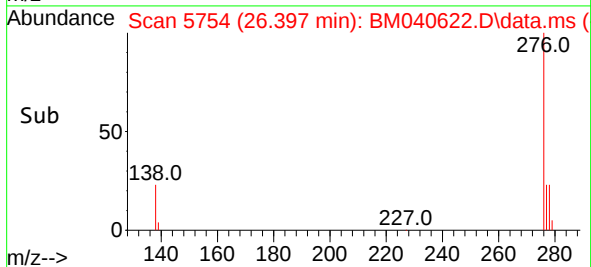
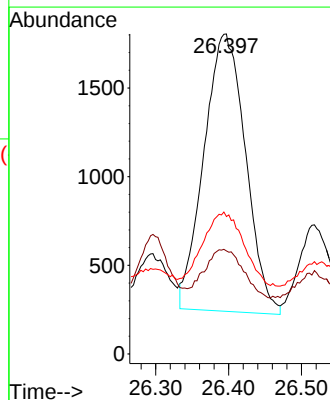
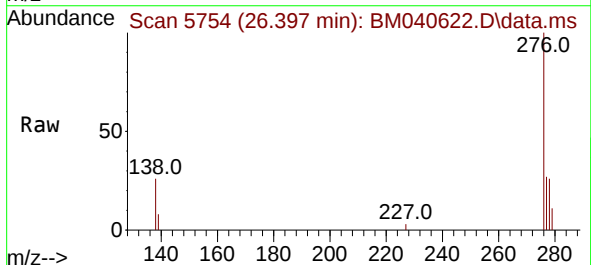
RT: 26.397 min Scan# 5754

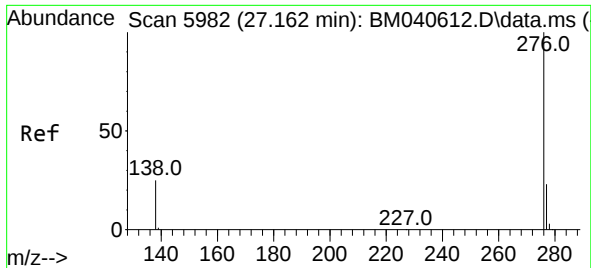
Delta R.T. -0.034 min

Lab File: BM040622.D

Acq: 04 Jul 2023 21:31

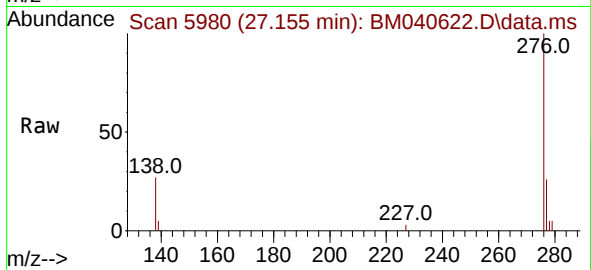
Tgt Ion:278 Resp: 6208
 Ion Ratio Lower Upper
 278 100
 139 32.2 17.9 26.9#
 279 42.9 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.027 min
Lab File: BM040622.D
Acq: 04 Jul 2023 21:31

Instrument :
BNA_M
ClientSampleId :
DCGF5DL



Tgt Ion:276 Resp: 2520
Ion Ratio Lower Upper
276 100
138 27.1 23.0 34.6
277 25.9 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

