

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040627.D
 Acq On : 05 Jul 2023 00:36
 Operator : MA/JU
 Sample : 03244-21DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 02:43:30 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	7.911	152	7197	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.717	136	26754	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.554	164	12578	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.307	188	23817	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	13788	0.400	ng/ul	-0.01
23) Perylene-d12	23.894	264	13479	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	9547	0.844	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2373	0.063	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	3307	0.075	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.767	128	3535	0.048	ng/ul#	89
7) 2-Methylnaphthalene	12.384	142	2158	0.050	ng/ul	97
8) 1-Methylnaphthalene	12.598	142	1737	0.040	ng/ul	99
10) Acenaphthylene	14.276	152	6108	0.109	ng/ul#	94
11) Acenaphthene	14.619	153	2270	0.048	ng/ul	97
12) Fluorene	15.604	166	1818	0.036	ng/ul#	94
15) Phenanthrene	17.345	178	42751	0.578	ng/ul	100
16) Anthracene	17.438	178	9443	0.152	ng/ul#	95
19) Fluoranthene	19.361	202	90825	1.551	ng/ul	98
20) Pyrene	19.728	202	76944	1.225	ng/ul	98
21) Benzo(a)anthracene	21.474	228	41350	0.887	ng/ul	97
22) Chrysene	21.526	228	37769	0.710	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	63119	1.210	ng/ul	95
25) Benzo(k)fluoranthene	23.204	252	18613m	0.362	ng/ul	
26) Benzo(a)pyrene	23.789	252	37071	0.789	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.387	276	32621	0.498	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.390	278	7786	0.152	ng/ul#	78
29) Benzo(g,h,i)perylene	27.155	276	32054	0.559	ng/ul	98

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

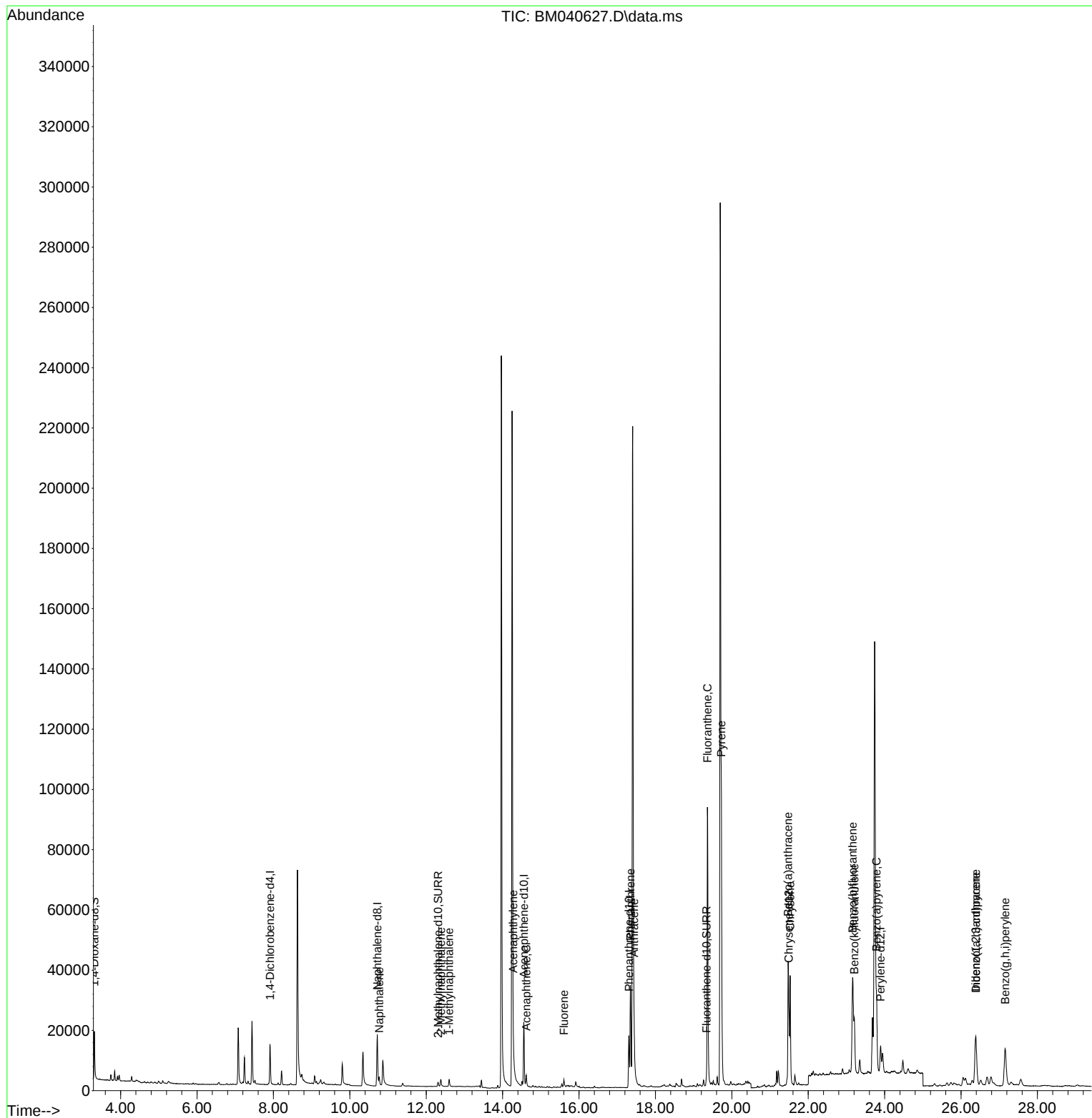
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040627.D
Acq On : 05 Jul 2023 00:36
Operator : MA/JU
Sample : 03244-21DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

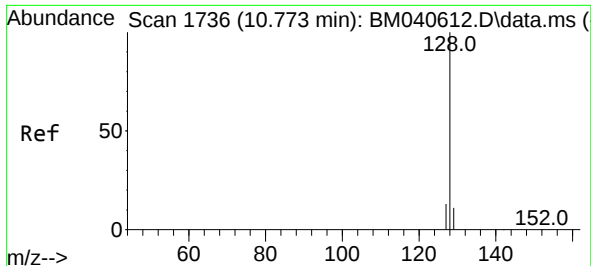
Instrument :
BNA_M
ClientSampleId :
DCGG0DL

Manual Integrations
APPROVED

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

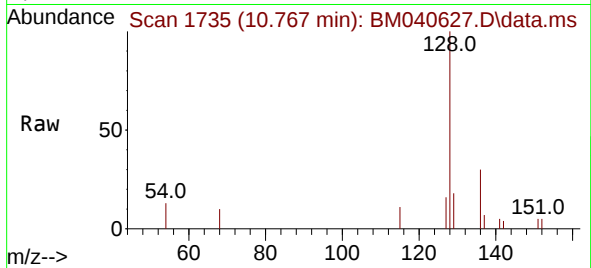
Quant Time: Jul 05 02:43:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. -0.017 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

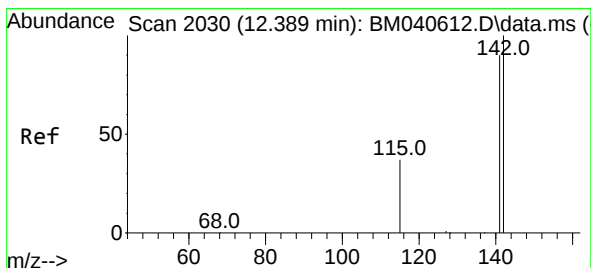
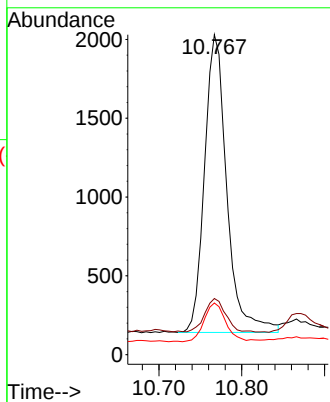
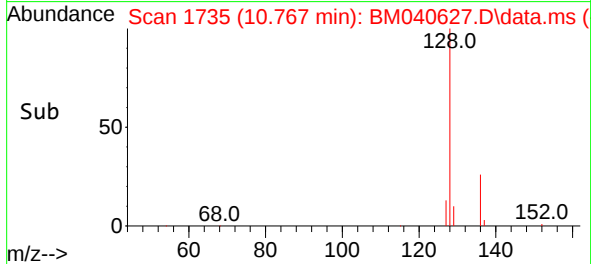
Instrument :
BNA_M
ClientSampleId :
DCGG0DL



Tgt Ion:128 Resp: 3538
Ion Ratio Lower Upper
128 100
129 17.5 9.2 13.8
127 16.2 10.6 15.8

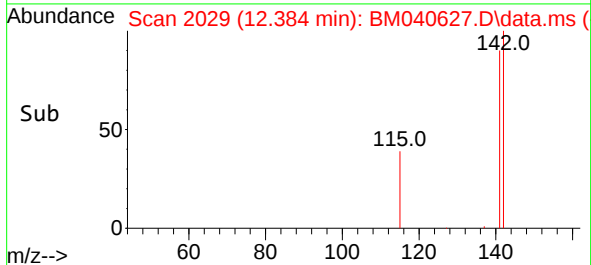
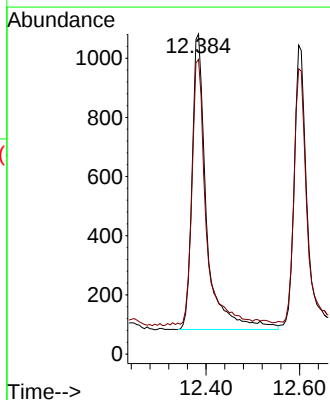
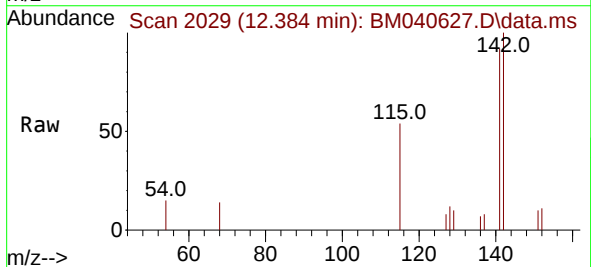
Manual Integrations
APPROVED

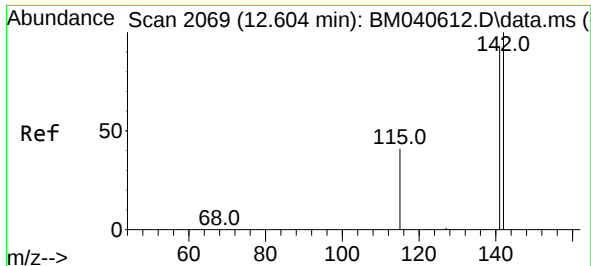
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

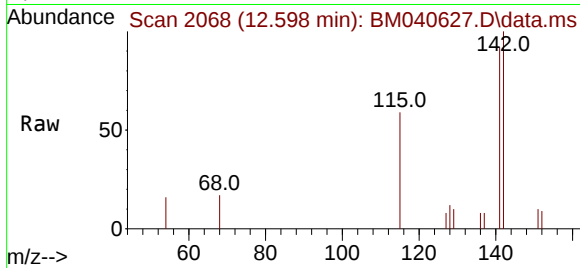
Tgt Ion:142 Resp: 2158
Ion Ratio Lower Upper
142 100
141 87.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.598 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

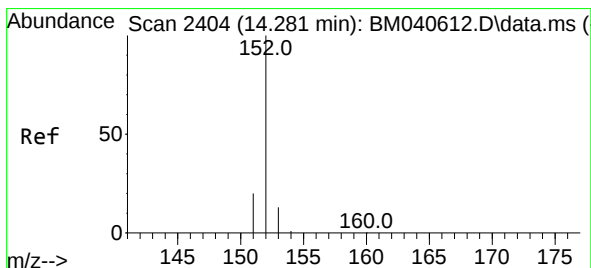
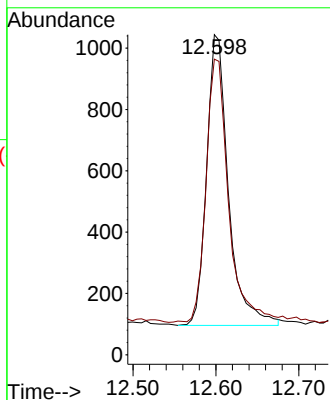
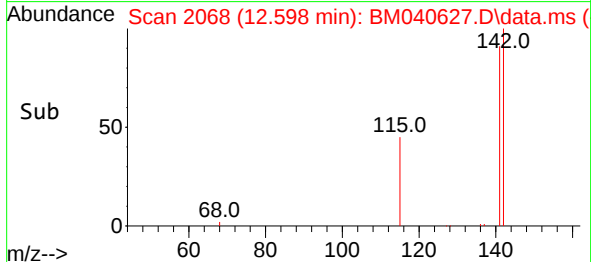
Instrument :
BNA_M
ClientSampleId :
DCGG0DL



Tgt Ion:142 Resp: 173
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5

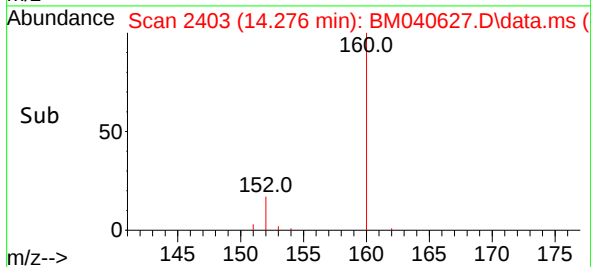
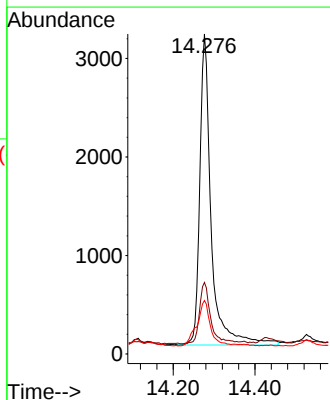
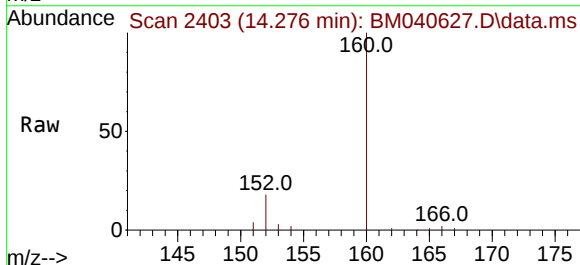
Manual Integrations
APPROVED

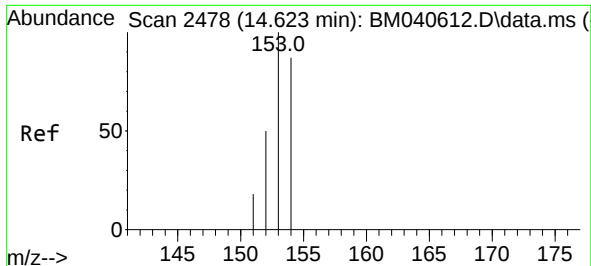
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 14.276 min Scan# 2403
Delta R.T. -0.014 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

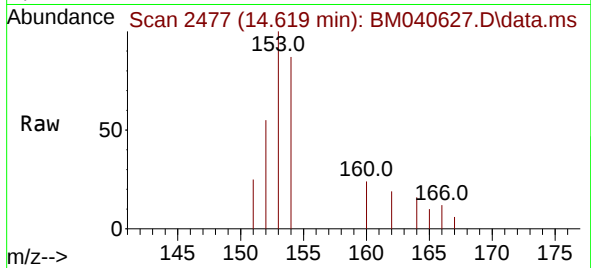
Tgt Ion:152 Resp: 6108
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.2
153 16.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. -0.014 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

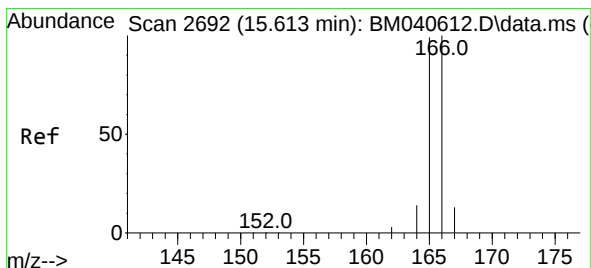
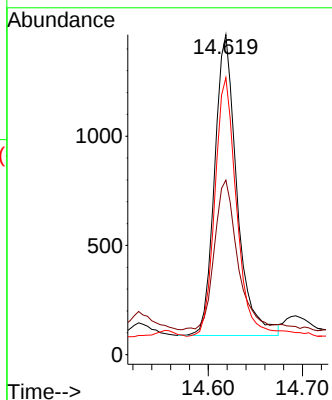
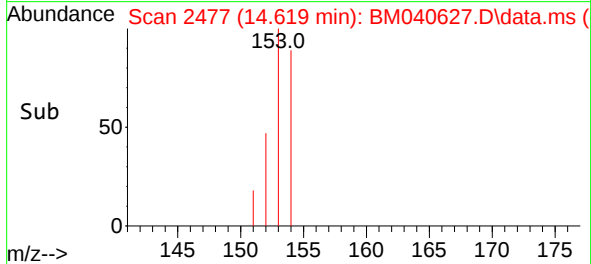
Instrument :
BNA_M
ClientSampleId :
DCGG0DL



Tgt Ion:153 Resp: 2270
Ion Ratio Lower Upper
153 100
152 54.5 41.0 61.4
154 86.6 70.8 106.2

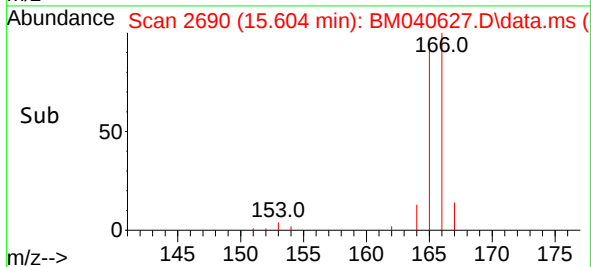
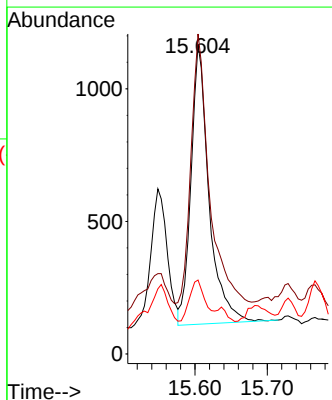
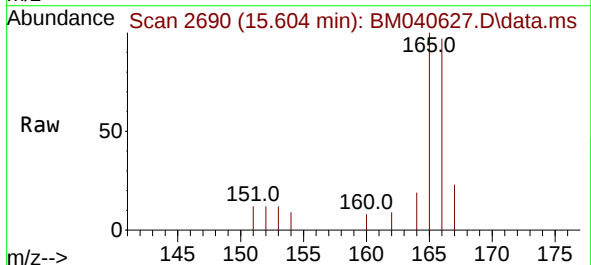
Manual Integrations
APPROVED

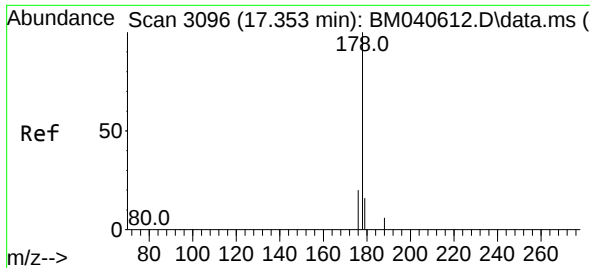
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.604 min Scan# 2690
Delta R.T. -0.014 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

Tgt Ion:166 Resp: 1818
Ion Ratio Lower Upper
166 100
165 103.4 79.6 119.4
167 23.9 11.4 17.0#





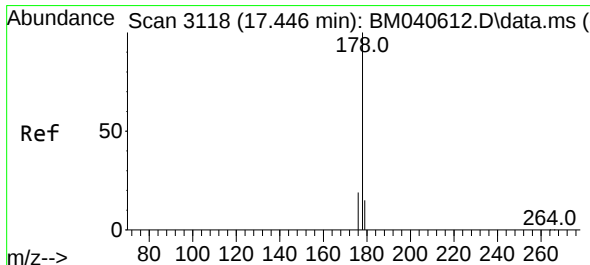
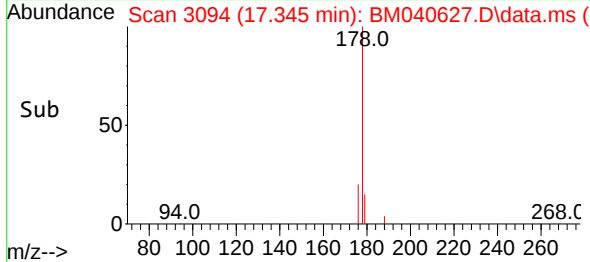
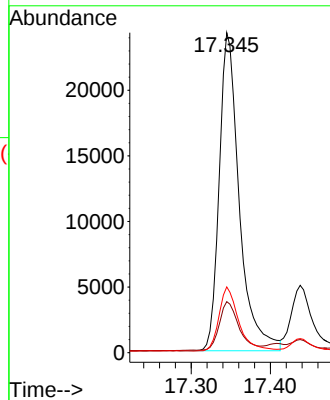
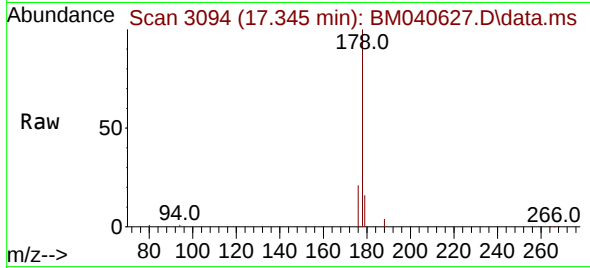
#15
Phenanthrene
Concen: 0.578 ng/ul
RT: 17.345 min Scan# 3096
Delta R.T. -0.017 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

Instrument :
BNA_M
ClientSampleId :
DCGG0DL

Tgt Ion:178 Resp: 4275
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.6 16.4 24.6

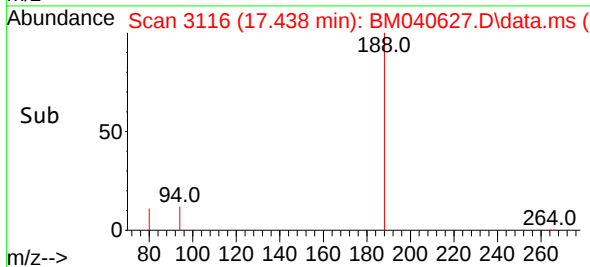
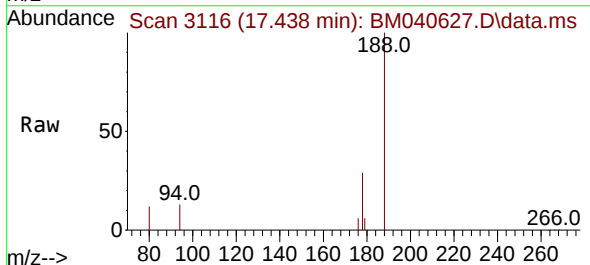
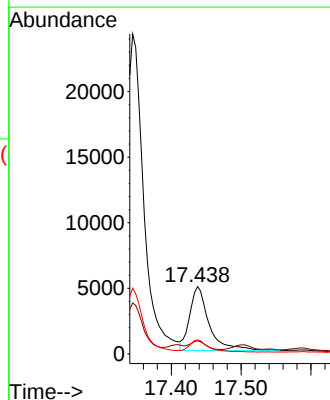
Manual Integrations
APPROVED

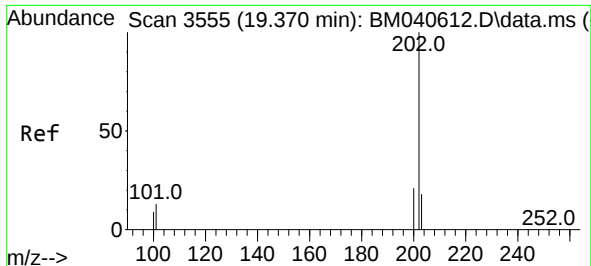
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.152 ng/ul
RT: 17.438 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

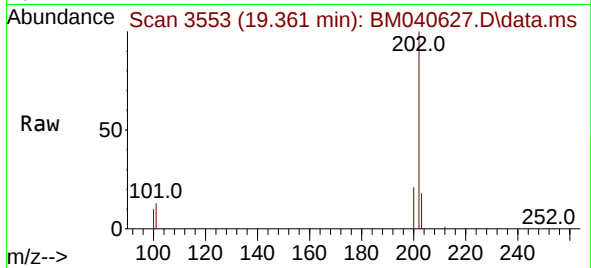
Tgt Ion:178 Resp: 9443
Ion Ratio Lower Upper
178 100
179 19.5 12.9 19.3#
176 20.9 15.8 23.6





#19
Fluoranthene
Concen: 1.551 ng/u1
RT: 19.361 min Scan# 3553
Delta R.T. -0.019 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

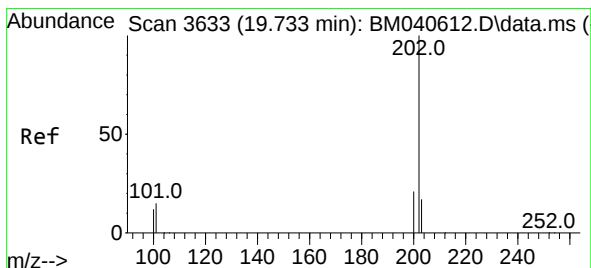
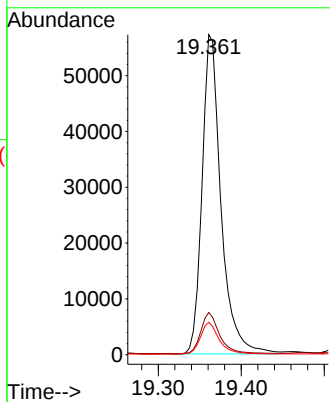
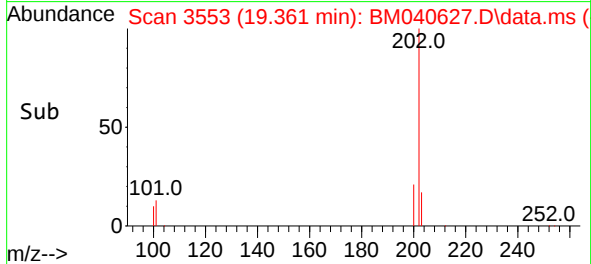
Instrument :
BNA_M
ClientSampleId :
DCGG0DL



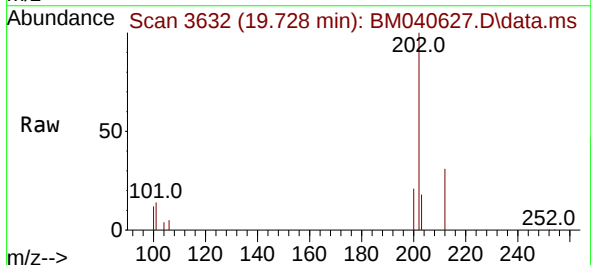
Tgt Ion:202 Resp: 90825
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.1 8.7 13.1

Manual Integrations
APPROVED

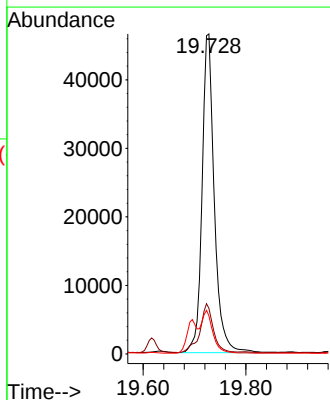
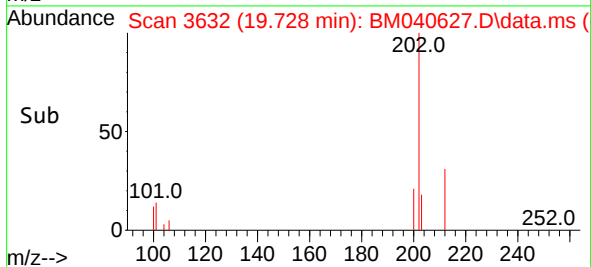
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

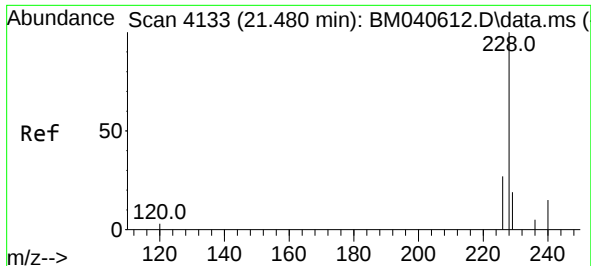


#20
Pyrene
Concen: 1.225 ng/u1
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36



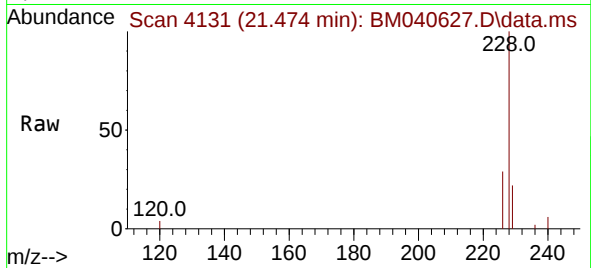
Tgt Ion:202 Resp: 76944
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.887 ng/ul
RT: 21.474 min Scan# 4135
Delta R.T. -0.015 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

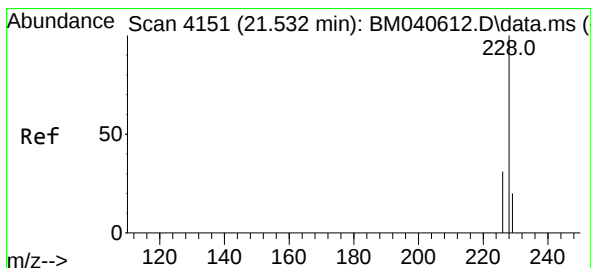
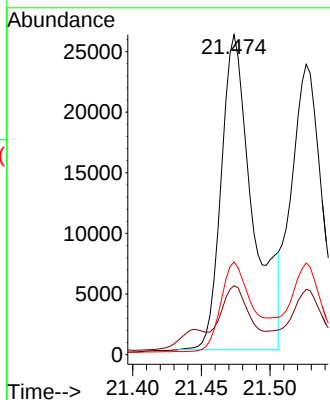
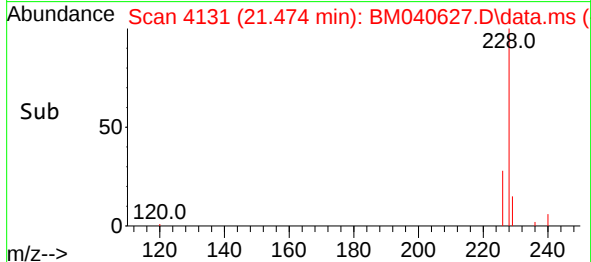
Instrument :
BNA_M
ClientSampleId :
DCGG0DL



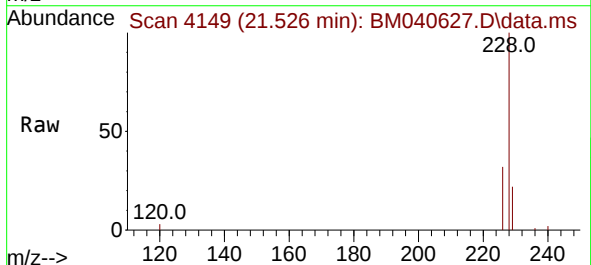
Tgt Ion:228 Resp: 41350
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.9 22.3 33.5

Manual Integrations
APPROVED

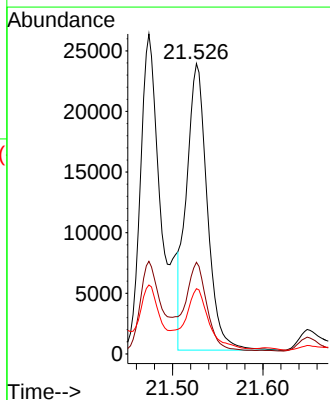
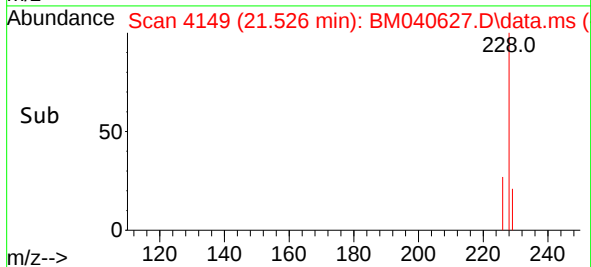
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

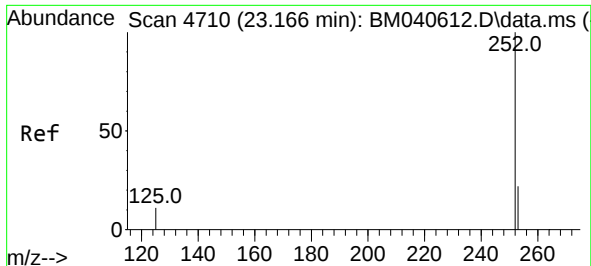


#22
Chrysene
Concen: 0.710 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.015 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36



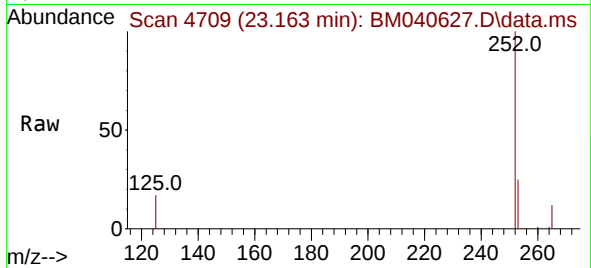
Tgt Ion:228 Resp: 37769
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.210 ng/ul
RT: 23.163 min Scan# 4710
Delta R.T. -0.018 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

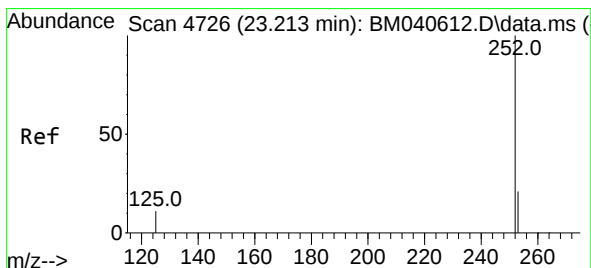
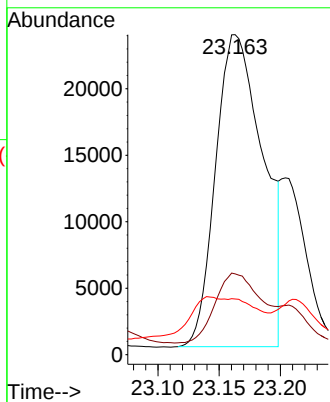
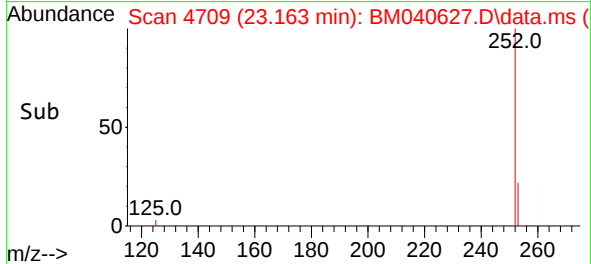
Instrument :
BNA_M
ClientSampleId :
DCGG0DL



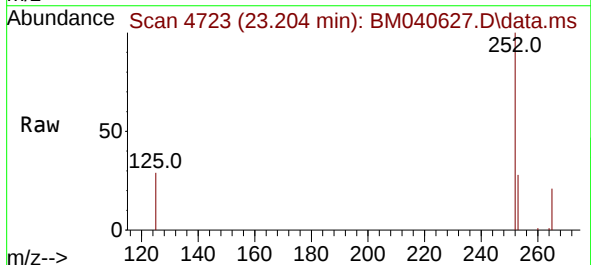
Tgt Ion:252 Resp: 63119
Ion Ratio Lower Upper
252 100
253 25.2 0.0 52.8
125 17.4 0.0 43.0

Manual Integrations
APPROVED

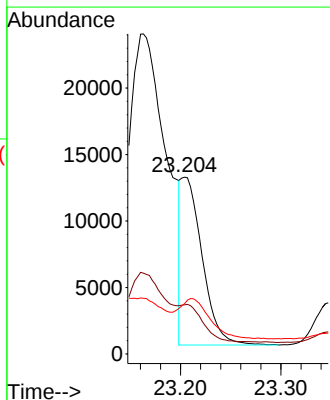
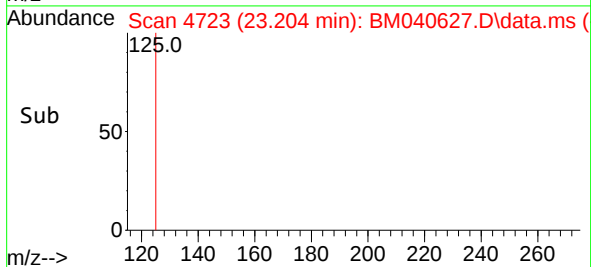
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

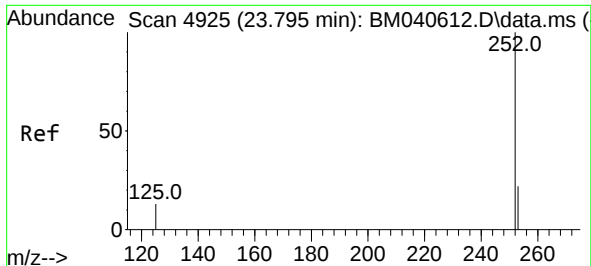


#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul m
RT: 23.204 min Scan# 4723
Delta R.T. -0.021 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36



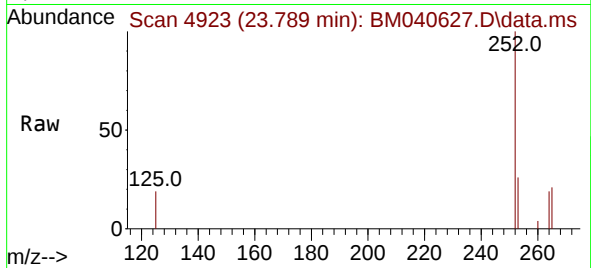
Tgt Ion:252 Resp: 18613
Ion Ratio Lower Upper
252 100
253 27.8 21.2 31.8
125 28.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.789 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

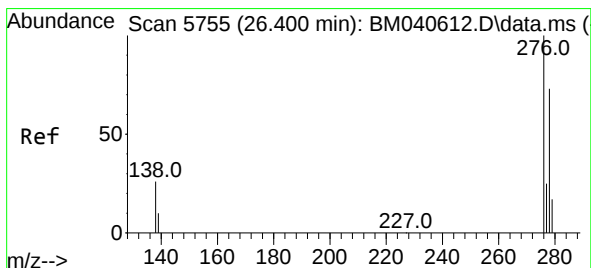
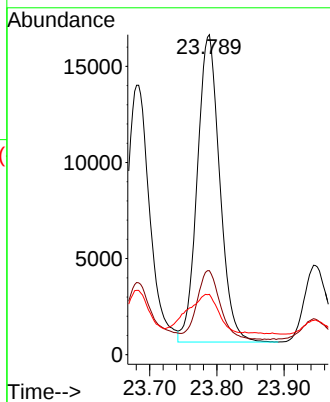
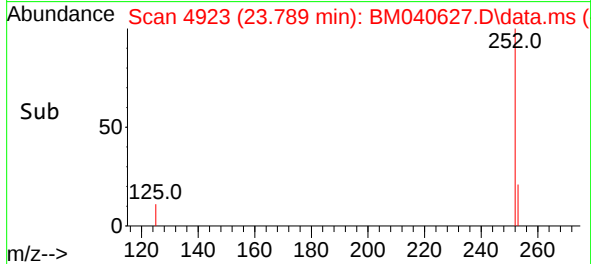
Instrument :
BNA_M
ClientSampleId :
DCGG0DL



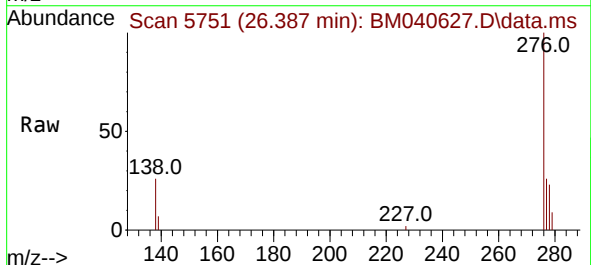
Tgt Ion:252 Resp: 3707
Ion Ratio Lower Upper
252 100
253 26.2 22.9 34.3
125 18.9 21.0 31.4

Manual Integrations
APPROVED

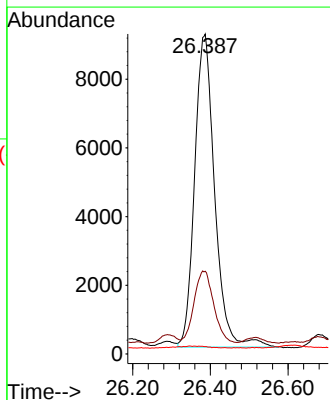
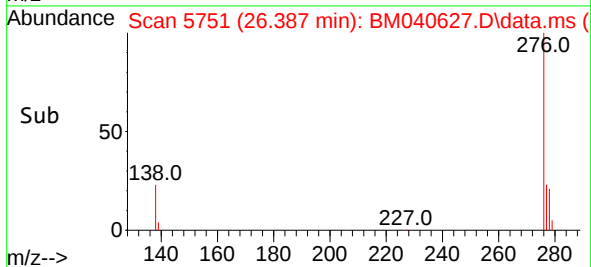
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

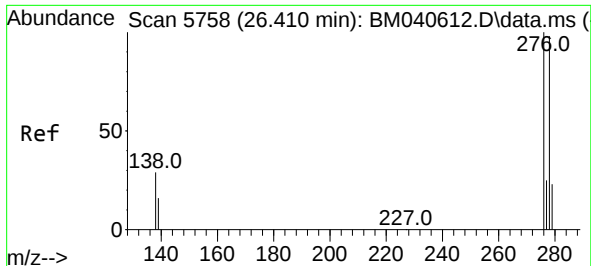


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.498 ng/ul
RT: 26.387 min Scan# 5751
Delta R.T. -0.030 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36



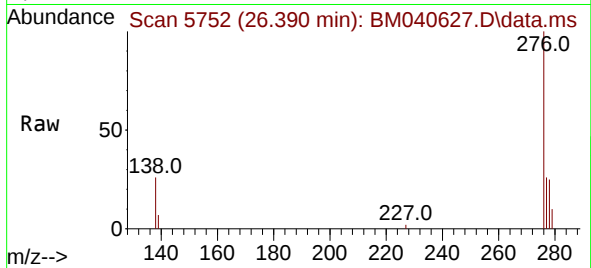
Tgt Ion:276 Resp: 32621
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.152 ng/ul
RT: 26.390 min Scan# 5758
Delta R.T. -0.040 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36

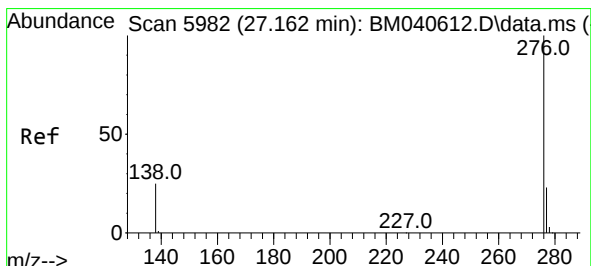
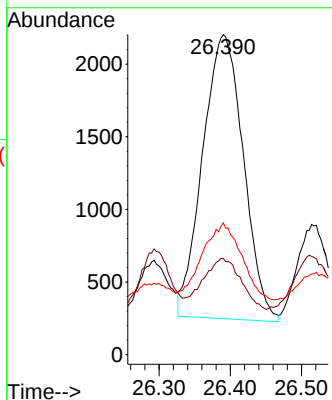
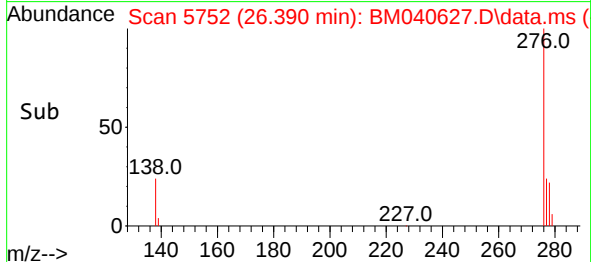
Instrument :
BNA_M
ClientSampleId :
DCGG0DL



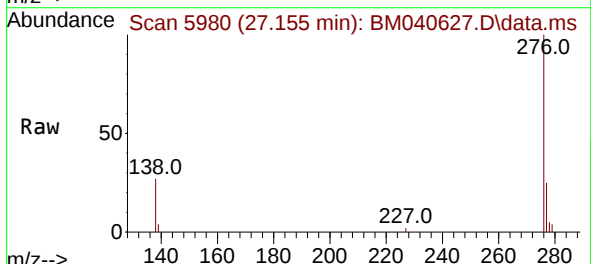
Tgt Ion:278 Resp: 7780
Ion Ratio Lower Upper
278 100
139 30.1 17.9 26.9
279 41.2 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.559 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.027 min
Lab File: BM040627.D
Acq: 05 Jul 2023 00:36



Tgt Ion:276 Resp: 32054
Ion Ratio Lower Upper
276 100
138 26.8 23.0 34.6
277 25.5 20.3 30.5

