

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045692.D
 Acq On : 03 May 2024 12:49
 Operator : MA/JU
 Sample : P2234-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SA2

Manual Integrations
 APPROVED

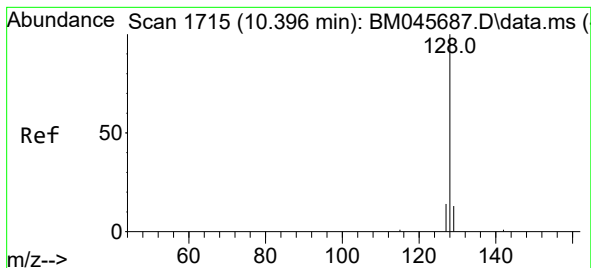
Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 13:24:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

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

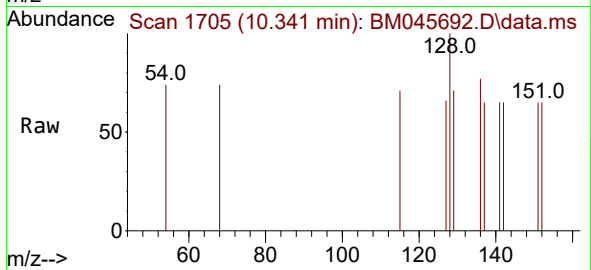
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.521	152	350	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.281	136	1012	0.400	ng/ul	#-0.07
9) Acenaphthene-d10	14.172	164	682	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.938	188	1735m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.158	240	1964	0.400	ng/ul	-0.03
23) Perylene-d12	23.335	264	2970	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.142	96	1365	3.445	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.909	152	392	0.245	ng/ul	-0.04
18) Fluoranthene-d10	18.978	212	1278	0.259	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.341	128	62	0.024	ng/ul#	38
11) Acenaphthene	14.233	153	112	0.053	ng/ul#	90
12) Fluorene	15.237	166	139	0.056	ng/ul#	91
15) Phenanthrene	16.975	178	6488m	1.506	ng/ul	
16) Anthracene	17.068	178	454m	0.109	ng/ul	
19) Fluoranthene	19.010	202	18130	2.905	ng/ul#	84
20) Pyrene	19.373	202	15438	2.326	ng/ul#	86
21) Benzo(a)anthracene	21.143	228	5834	1.018	ng/ul	94
22) Chrysene	21.196	228	8711	1.074	ng/ul	94
24) Benzo(b)fluoranthene	22.683	252	13979m	1.690	ng/ul	
25) Benzo(k)fluoranthene	22.727	252	4878m	0.476	ng/ul	
26) Benzo(a)pyrene	23.236	252	8563m	0.934	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.504	276	8156	0.646	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.514	278	1640	0.162	ng/ul	96
29) Benzo(g,h,i)perylene	26.165	276	8411	0.751	ng/ul#	87

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



#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.341 min Scan# 1705
Delta R.T. -0.049 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

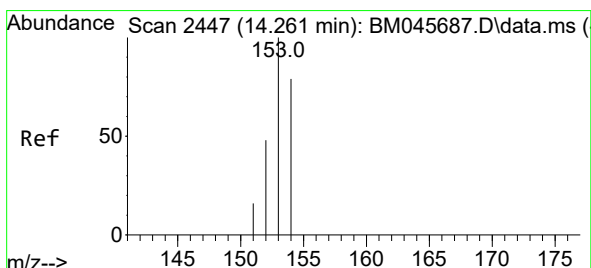
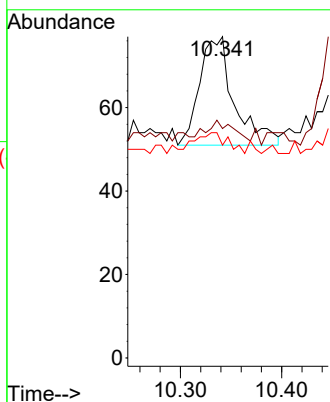
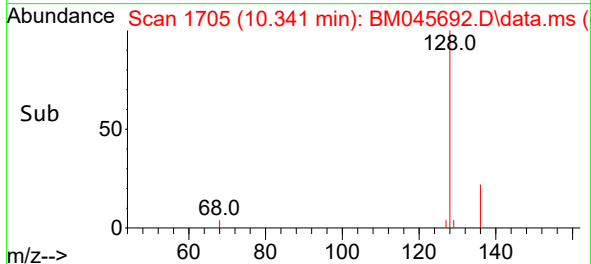
Instrument :
BNA_M
ClientSampleId :
C0SA2



Tgt Ion:128 Resp: 62
Ion Ratio Lower Upper
128 100
129 71.4 26.2 39.4
127 66.2 27.4 41.2

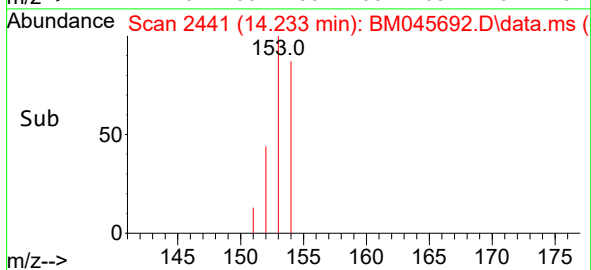
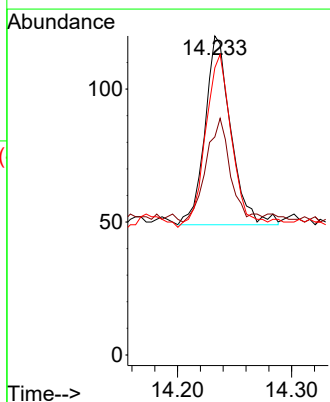
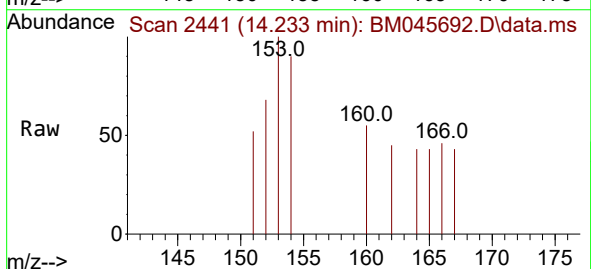
Manual Integrations
APPROVED

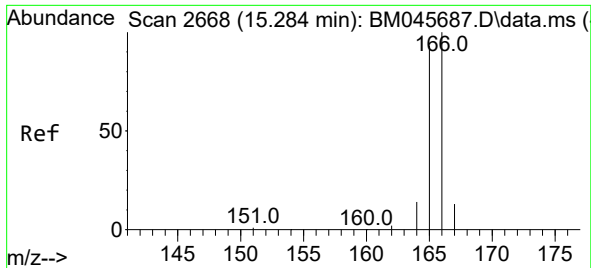
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.233 min Scan# 2441
Delta R.T. -0.029 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

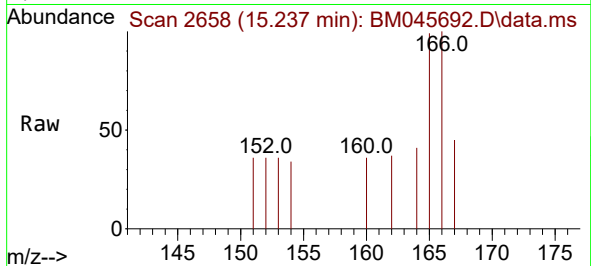
Tgt Ion:153 Resp: 112
Ion Ratio Lower Upper
153 100
152 68.3 45.1 67.7
154 90.0 67.6 101.4





#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.237 min Scan# 20
Delta R.T. -0.047 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

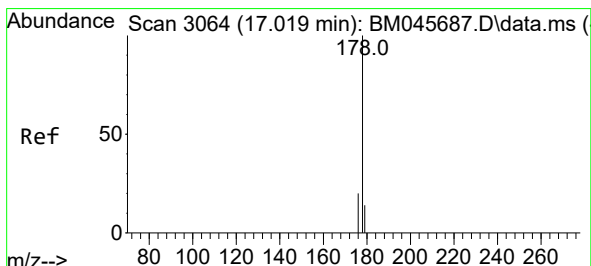
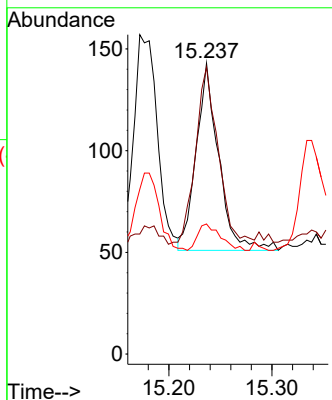
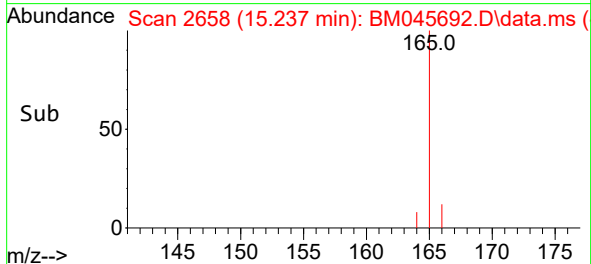
Instrument :
BNA_M
ClientSampleId :
C0SA2



Tgt Ion:166 Resp: 139
Ion Ratio Lower Upper
166 100
165 98.6 77.5 116.3
167 44.8 21.8 32.6

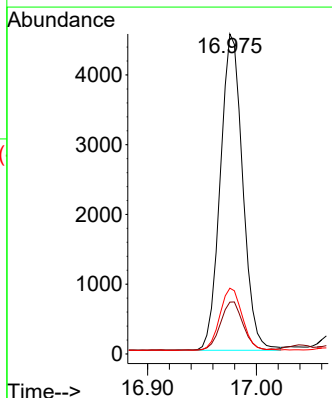
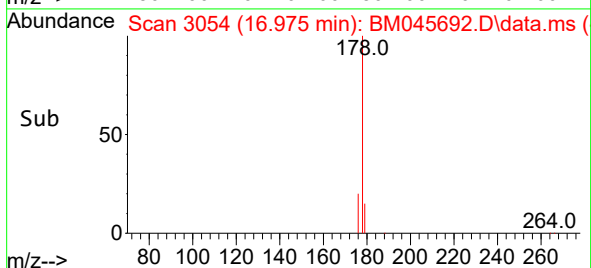
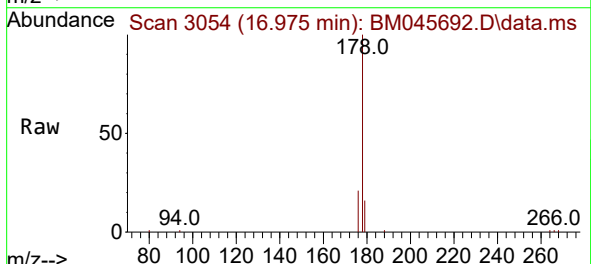
Manual Integrations
APPROVED

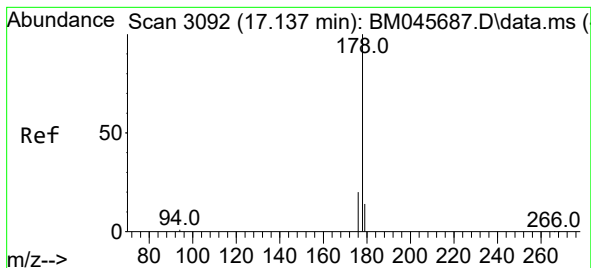
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#15
Phenanthrene
Concen: 1.506 ng/ul m
RT: 16.975 min Scan# 3054
Delta R.T. -0.047 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

Tgt Ion:178 Resp: 6488
Ion Ratio Lower Upper
178 100
179 16.2 18.3 27.5#
176 20.5 21.8 32.6#





#16

Anthracene

Concen: 0.109 ng/ul m

RT: 17.068 min Scan# 3092

Delta R.T. -0.060 min

Lab File: BM045692.D

Acq: 03 May 2024 12:49

Instrument :

BNA_M

ClientSampleId :

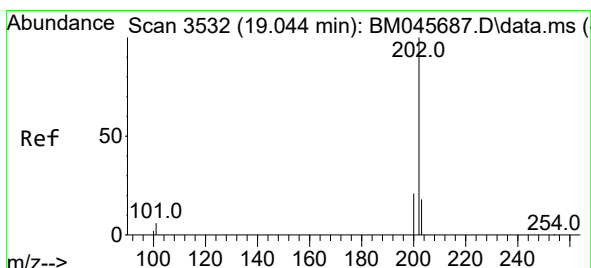
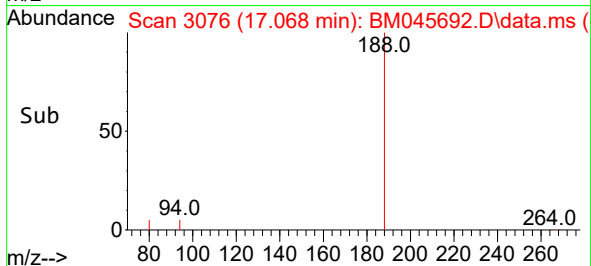
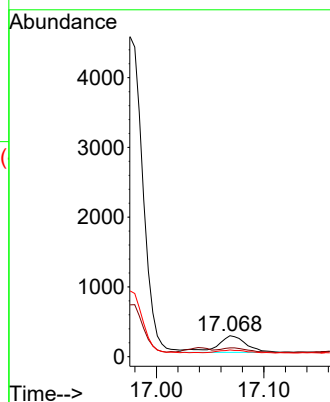
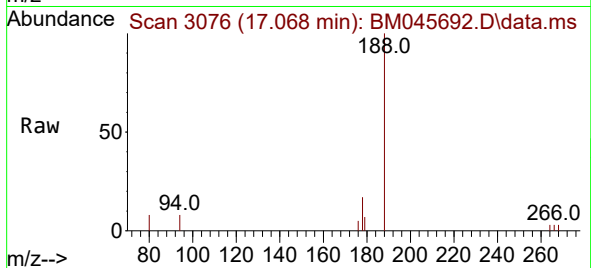
C0SA2

Tgt Ion:178	Resp:	454
Ion Ratio	Lower	Upper
178	100	
179	41.5	20.9 31.3
176	31.6	22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#19

Fluoranthene

Concen: 2.905 ng/ul

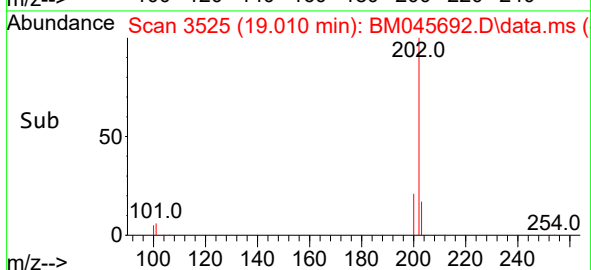
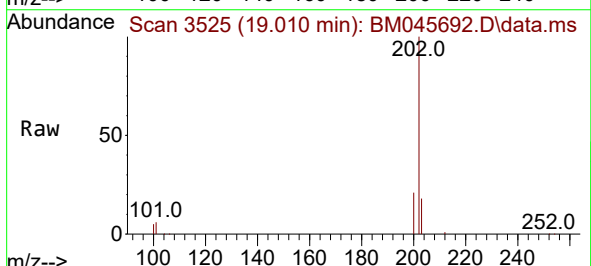
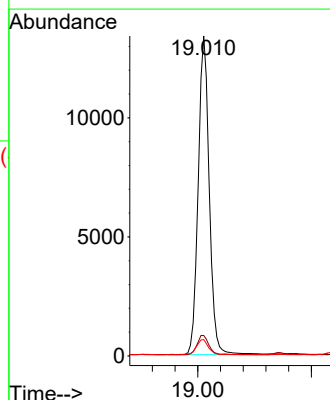
RT: 19.010 min Scan# 3525

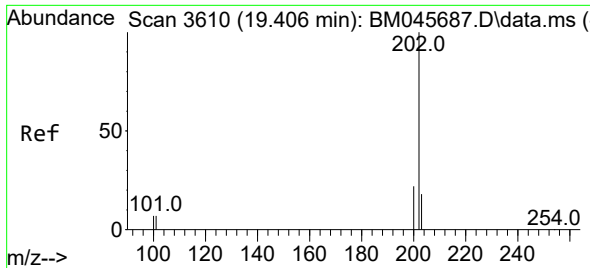
Delta R.T. -0.033 min

Lab File: BM045692.D

Acq: 03 May 2024 12:49

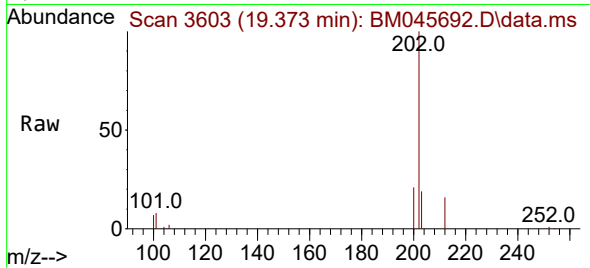
Tgt Ion:202	Resp:	18130
Ion Ratio	Lower	Upper
202	100	
101	6.4	10.1 15.1
100	5.1	9.4 14.0





#20
Pyrene
Concen: 2.326 ng/ul
RT: 19.373 min Scan# 30
Delta R.T. -0.038 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

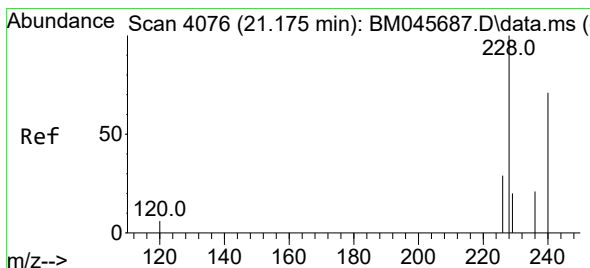
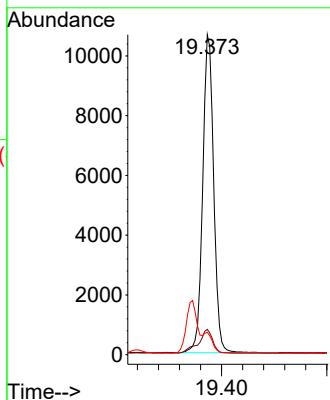
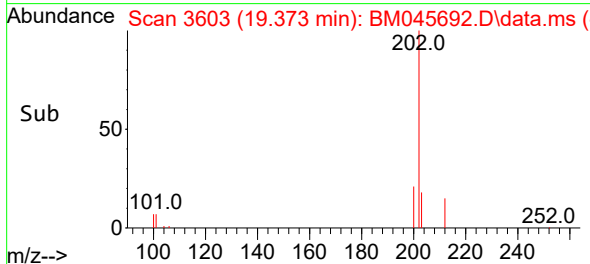
Instrument :
BNA_M
ClientSampleId :
C0SA2



Tgt Ion:202 Resp: 15438
Ion Ratio Lower Upper
202 100
101 7.9 10.7 16.1
100 7.0 9.8 14.8

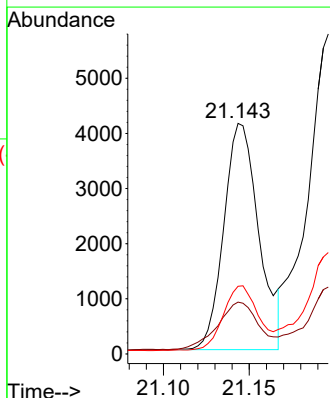
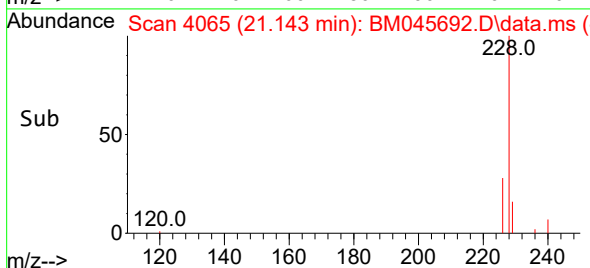
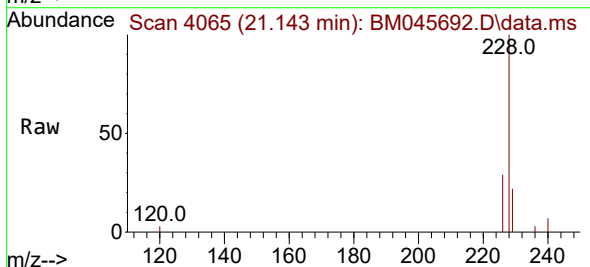
Manual Integrations
APPROVED

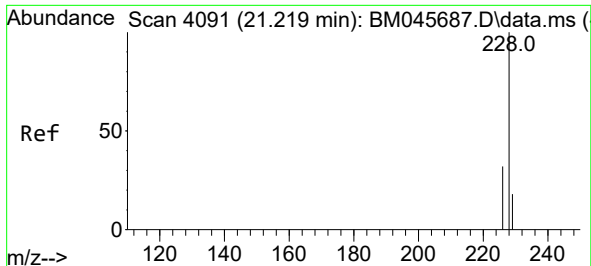
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#21
Benzo(a)anthracene
Concen: 1.018 ng/ul
RT: 21.143 min Scan# 4065
Delta R.T. -0.034 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

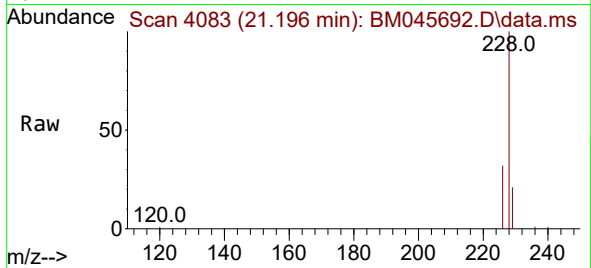
Tgt Ion:228 Resp: 5834
Ion Ratio Lower Upper
228 100
229 22.5 21.3 31.9
226 29.4 25.5 38.3





#22
Chrysene
Concen: 1.074 ng/ul
RT: 21.196 min Scan# 4091
Delta R.T. -0.028 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

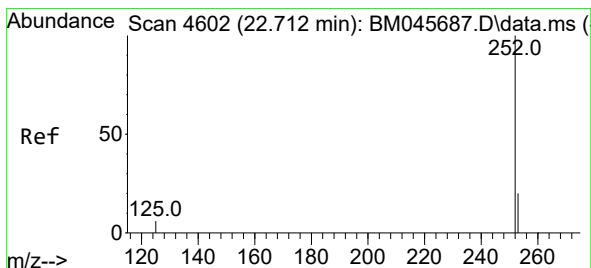
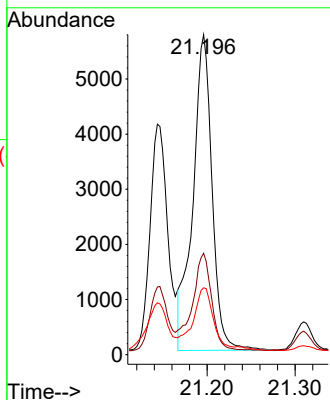
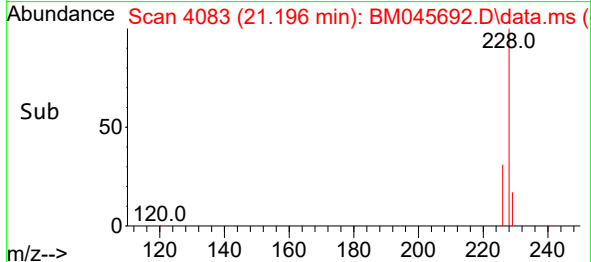
Instrument :
BNA_M
ClientSampleId :
C0SA2



Tgt Ion:228 Resp: 871
Ion Ratio Lower Upper
228 100
226 31.7 27.7 41.5
229 20.9 19.7 29.5

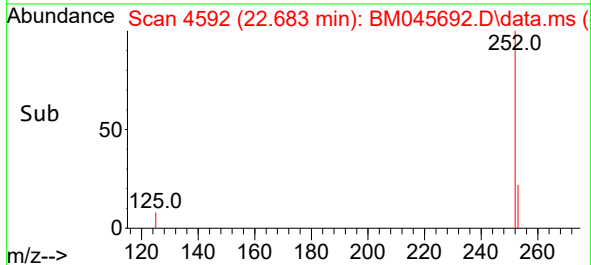
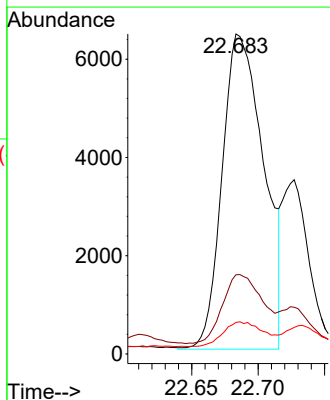
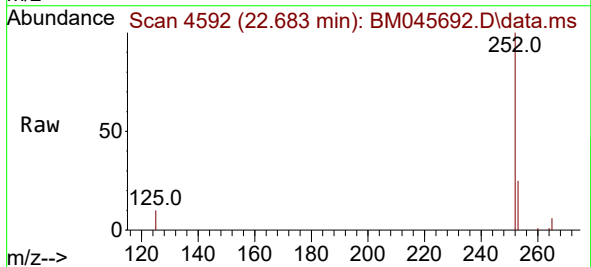
Manual Integrations
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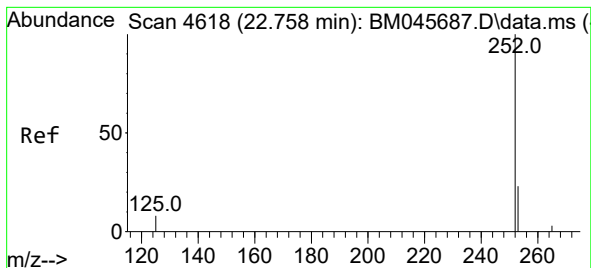
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#24
Benzo(b)fluoranthene
Concen: 1.690 ng/ul m
RT: 22.683 min Scan# 4592
Delta R.T. -0.037 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

Tgt Ion:252 Resp: 13979
Ion Ratio Lower Upper
252 100
253 24.8 0.0 67.2
125 9.9 0.0 28.0





#25

Benzo(k)fluoranthene

Concen: 0.476 ng/ul m

RT: 22.727 min Scan# 4

Delta R.T. -0.037 min

Lab File: BM045692.D

Acq: 03 May 2024 12:49

Instrument :

BNA_M

ClientSampleId :

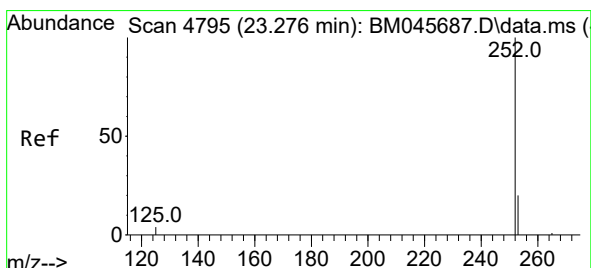
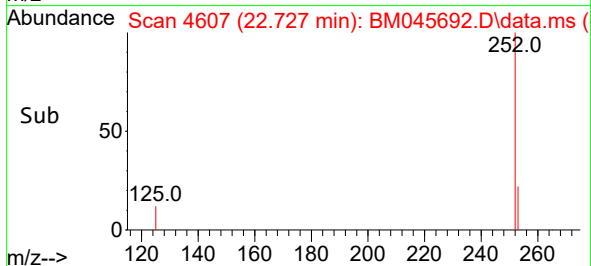
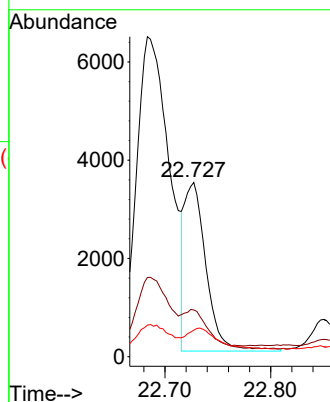
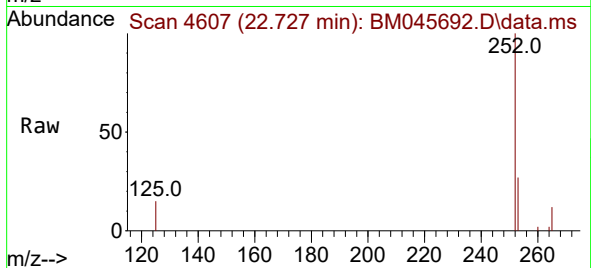
C0SA2

Tgt Ion:252	Resp:	4878
Ion Ratio	Lower	Upper
252	100	
253	26.8	27.8 41.6
125	15.2	11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#26

Benzo(a)pyrene

Concen: 0.934 ng/ul m

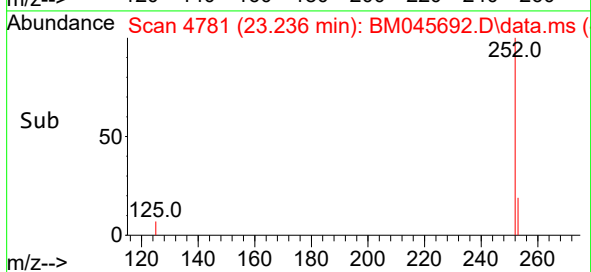
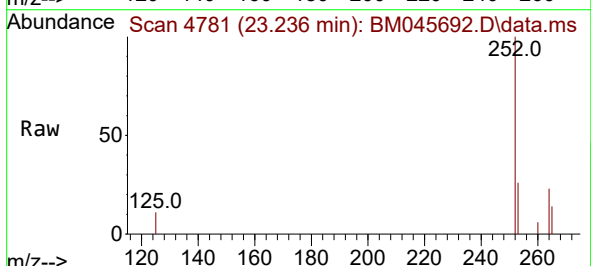
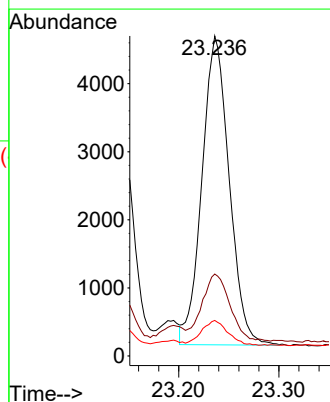
RT: 23.236 min Scan# 4781

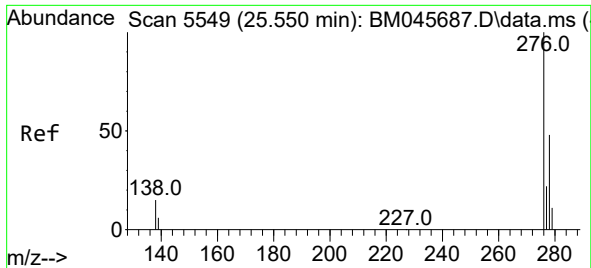
Delta R.T. -0.052 min

Lab File: BM045692.D

Acq: 03 May 2024 12:49

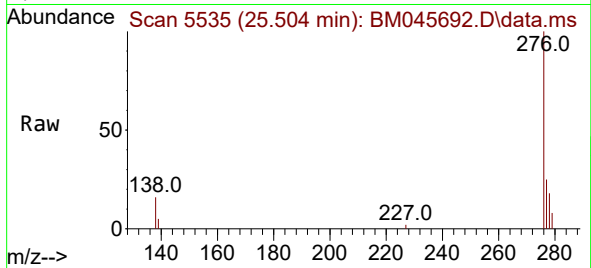
Tgt Ion:252	Resp:	8563
Ion Ratio	Lower	Upper
252	100	
253	25.6	31.7 47.5
125	11.1	15.8 23.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.646 ng/ul
RT: 25.504 min Scan# 51
Delta R.T. -0.063 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

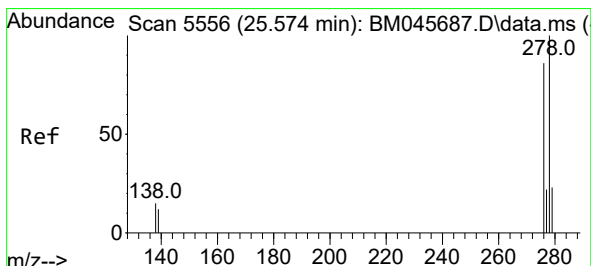
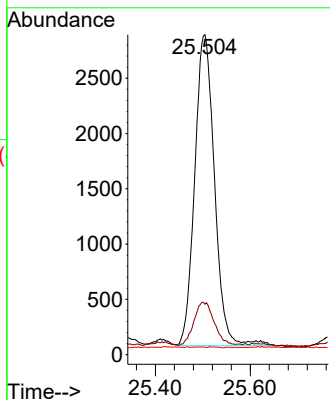
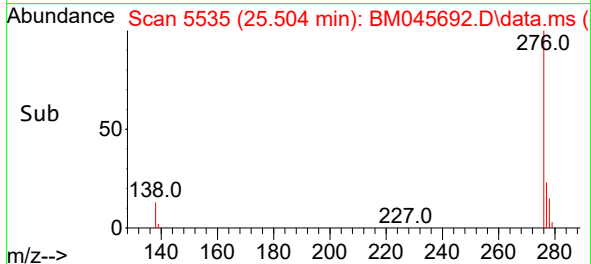
Instrument :
BNA_M
ClientSampleId :
C0SA2



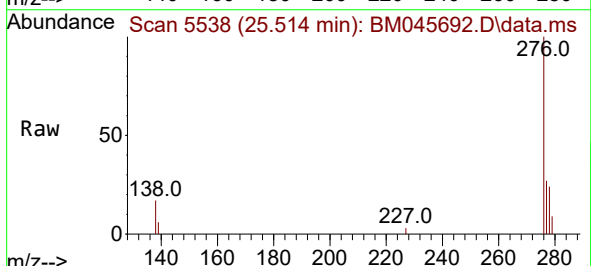
Tgt Ion:276 Resp: 815
Ion Ratio Lower Upper
276 100
138 14.5 13.1 19.7
227 0.1 0.2 0.2

Manual Integrations
APPROVED

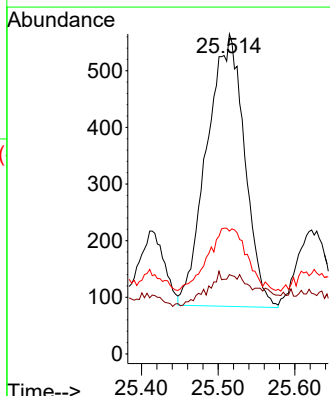
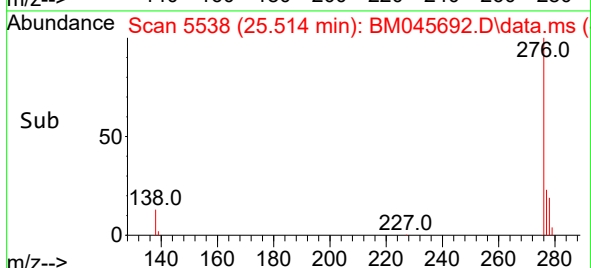
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

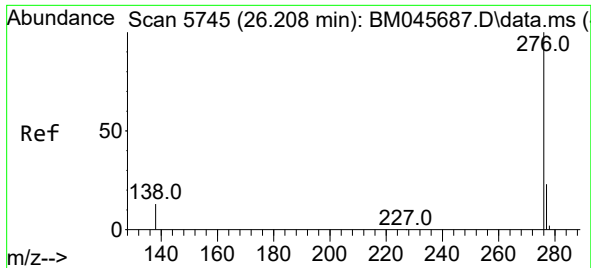


#28
Dibenzo(a,h)anthracene
Concen: 0.162 ng/ul
RT: 25.514 min Scan# 5538
Delta R.T. -0.073 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49



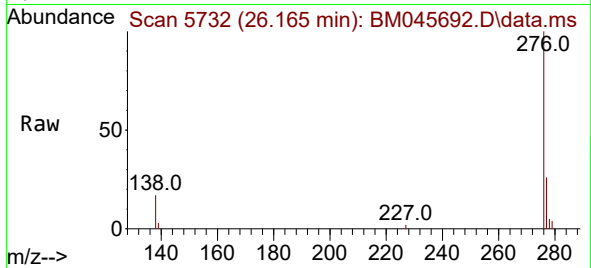
Tgt Ion:278 Resp: 1640
Ion Ratio Lower Upper
278 100
139 24.8 16.9 25.3
279 38.4 31.8 47.8





#29
Benzo(g,h,i)perylene
Concen: 0.751 ng/ul
RT: 26.165 min Scan# 51
Delta R.T. -0.059 min
Lab File: BM045692.D
Acq: 03 May 2024 12:49

Instrument :
BNA_M
ClientSampleId :
C0SA2



Tgt Ion:276 Resp: 841
Ion Ratio Lower Upper
276 100
138 17.4 18.8 28.2
277 26.4 27.1 40.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

