

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045693.D
 Acq On : 03 May 2024 13:25
 Operator : MA/JU
 Sample : P2238-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX5

Manual Integrations
 APPROVED

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

Quant Time: May 03 14:18:14 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	310	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.292	136	939	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.173	164	647	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.938	188	1490m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.161	240	1805	0.400	ng/ul	-0.03
23) Perylene-d12	23.341	264	2203m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.142	96	1018	2.900	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.898	152	308	0.208	ng/ul	-0.05
18) Fluoranthene-d10	18.983	212	1011	0.223	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.342	128	1046	0.437	ng/ul#	75
7) 2-Methylnaphthalene	11.975	142	506	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.195	142	260	0.162	ng/ul	96
10) Acenaphthylene	13.890	152	422	0.155	ng/ul#	89
11) Acenaphthene	14.237	153	1598	0.793	ng/ul	94
12) Fluorene	15.237	166	941	0.403	ng/ul#	95
15) Phenanthrene	16.976	178	19891m	5.375	ng/ul	
16) Anthracene	17.073	178	3783	1.053	ng/ul#	87
19) Fluoranthene	19.010	202	18102	3.156	ng/ul#	84
20) Pyrene	19.373	202	13505	2.214	ng/ul#	86
21) Benzo(a)anthracene	21.146	228	6023	1.143	ng/ul	94
22) Chrysene	21.196	228	5785	0.776	ng/ul	95
24) Benzo(b)fluoranthene	22.686	252	8411m	1.371	ng/ul	
25) Benzo(k)fluoranthene	22.724	252	2841m	0.374	ng/ul	
26) Benzo(a)pyrene	23.236	252	5277	0.776	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.508	276	3901	0.416	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.515	278	973	0.130	ng/ul#	80
29) Benzo(g,h,i)perylene	26.169	276	3918	0.472	ng/ul#	89

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

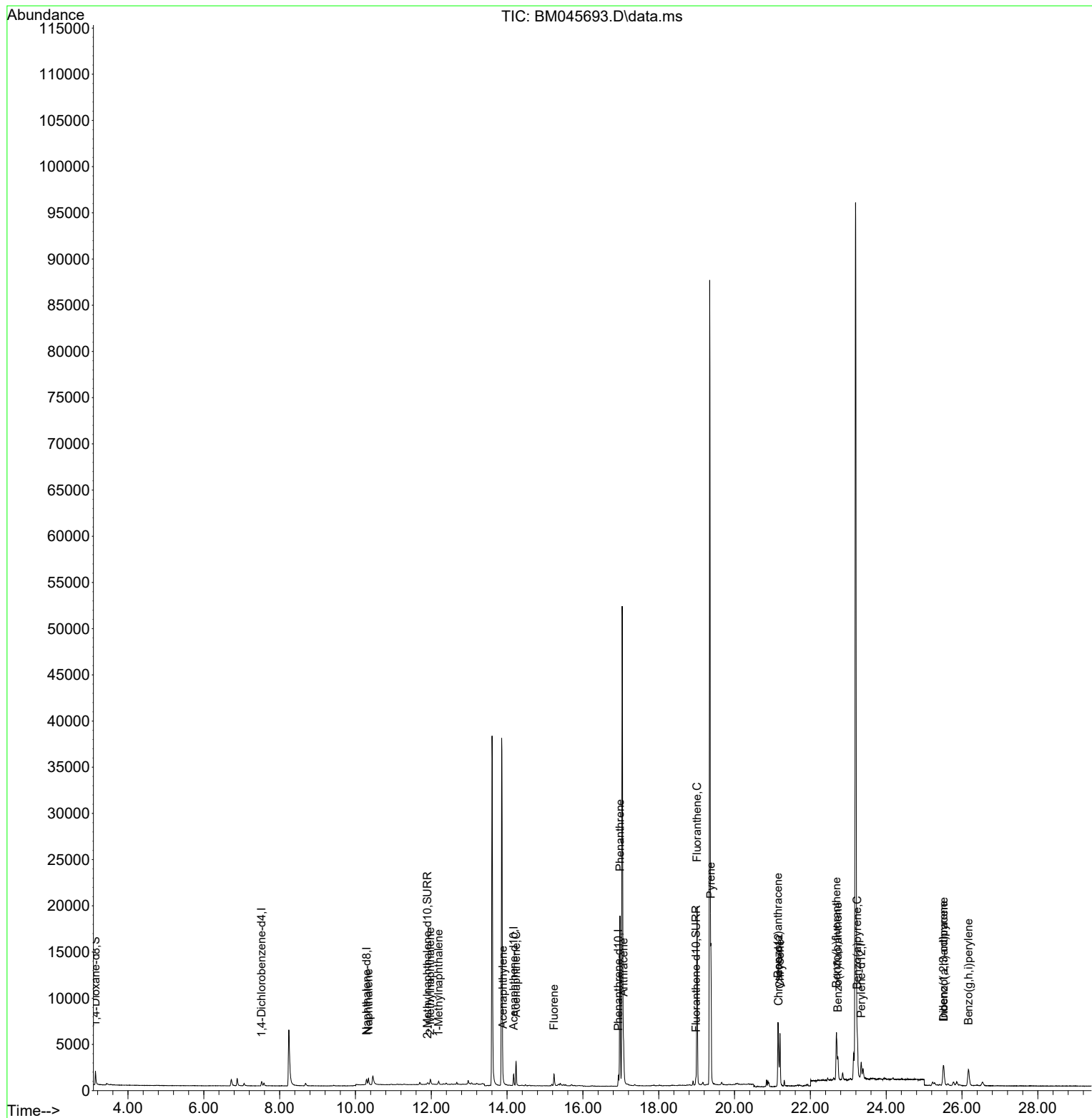
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045693.D
Acq On : 03 May 2024 13:25
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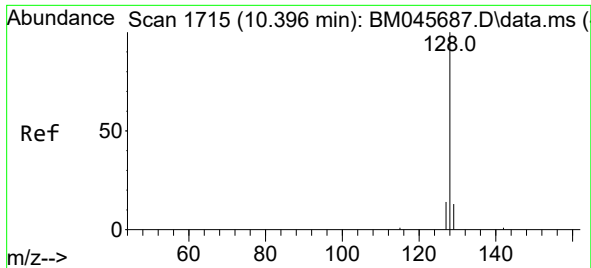
Instrument :
BNA_M
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E1CX5

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Supervised By :mohammad ahmed 05/06/2024

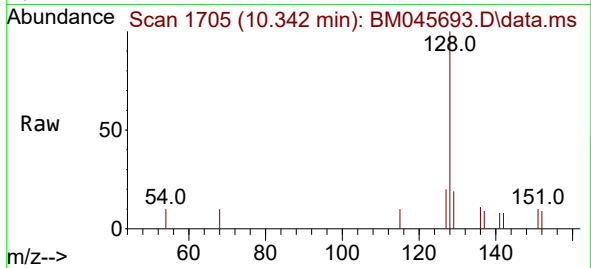
Quant Time: May 03 14:18:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.437 ng/ul
RT: 10.342 min Scan# 11
Delta R.T. -0.049 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

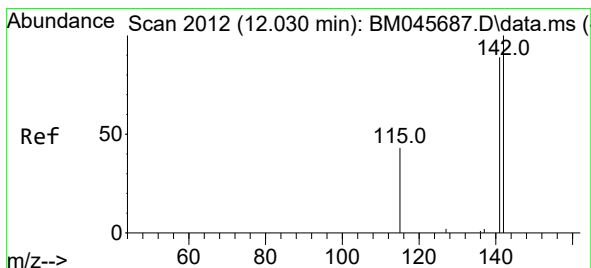
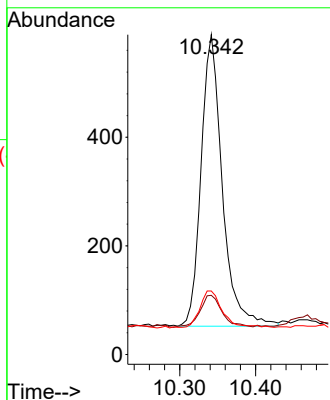
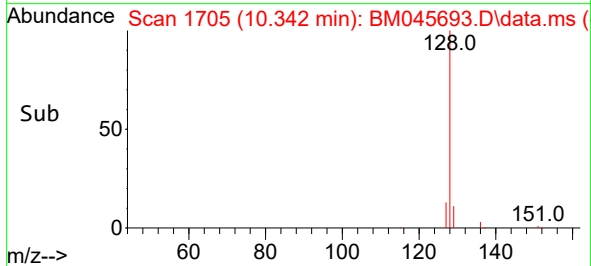
Instrument :
BNA_M
ClientSampleId :
E1CX5



Tgt Ion:128 Resp: 1040
Ion Ratio Lower Upper
128 100
129 18.5 26.2 39.4
127 19.9 27.4 41.2

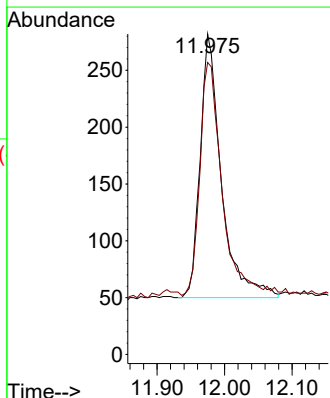
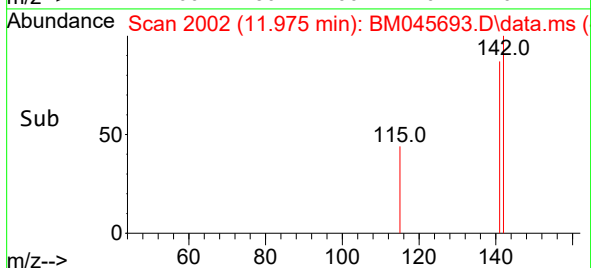
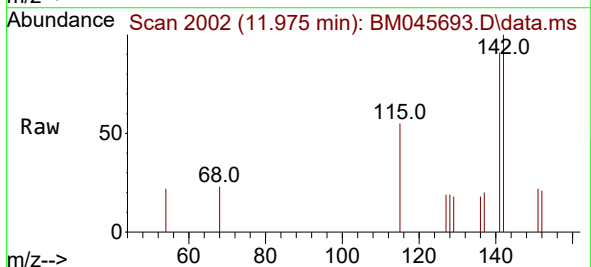
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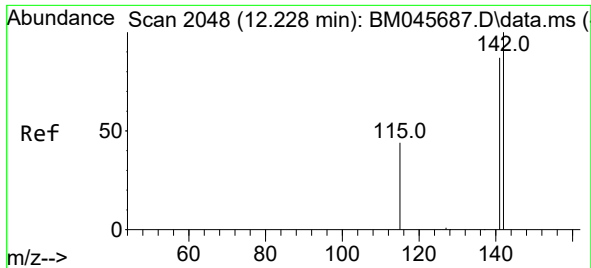
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 11.975 min Scan# 2002
Delta R.T. -0.055 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

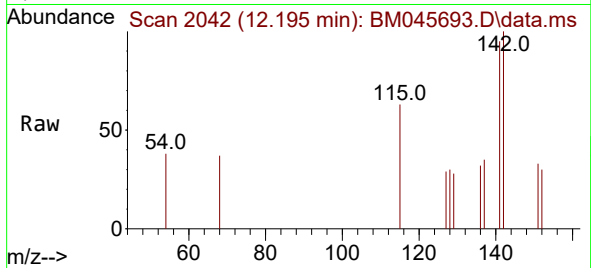
Tgt Ion:142 Resp: 506
Ion Ratio Lower Upper
142 100
141 94.7 76.9 115.3





#8
1-Methylnaphthalene
Concen: 0.162 ng/ul
RT: 12.195 min Scan# 2042
Delta R.T. -0.033 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

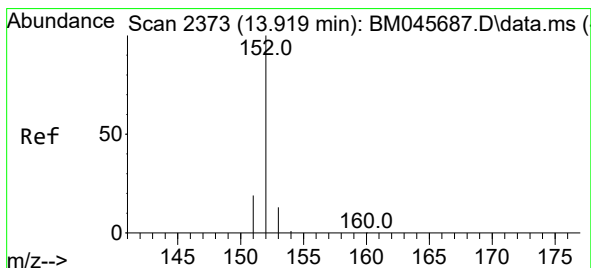
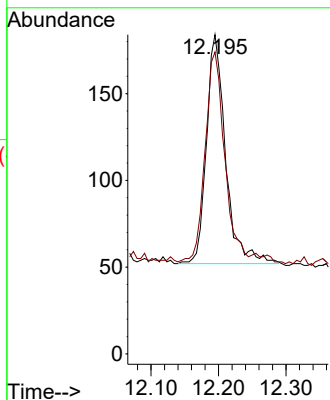
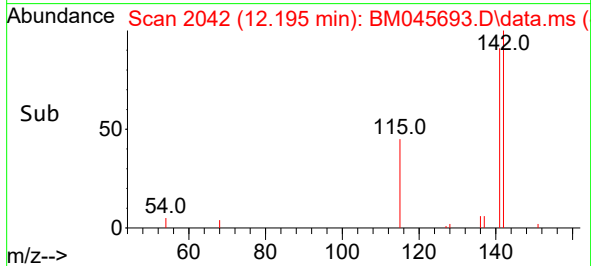
Instrument :
BNA_M
ClientSampleId :
E1CX5



Tgt Ion:142 Resp: 260
Ion Ratio Lower Upper
142 100
141 95.8 79.4 119.2

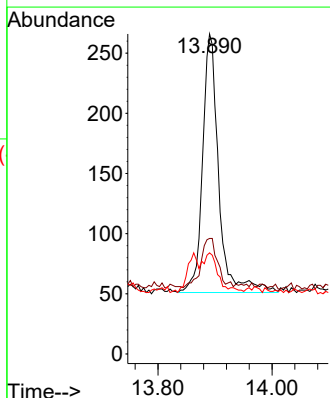
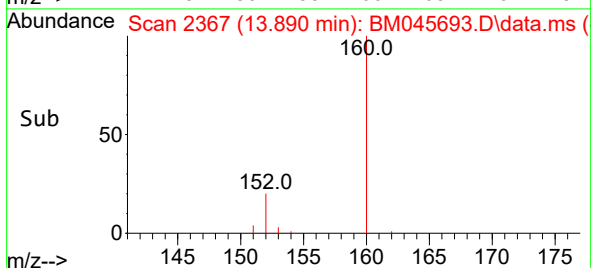
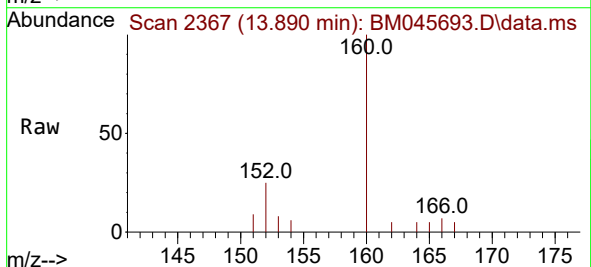
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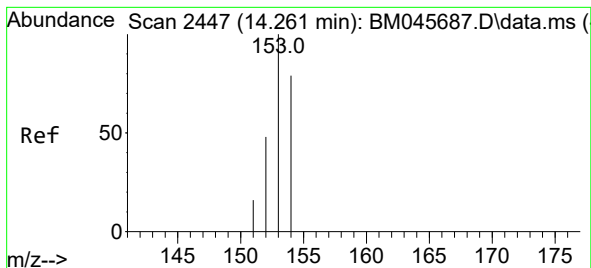
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 13.890 min Scan# 2367
Delta R.T. -0.038 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

Tgt Ion:152 Resp: 422
Ion Ratio Lower Upper
152 100
151 36.1 25.0 37.4
153 31.6 19.6 29.4#





#11

Acenaphthene

Concen: 0.793 ng/ul

RT: 14.237 min Scan# 2447

Delta R.T. -0.024 min

Lab File: BM045693.D

Acq: 03 May 2024 13:25

Instrument :

BNA_M

ClientSampleId :

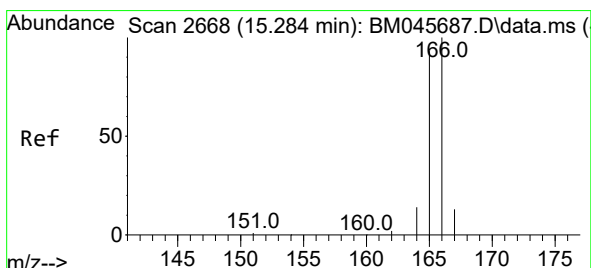
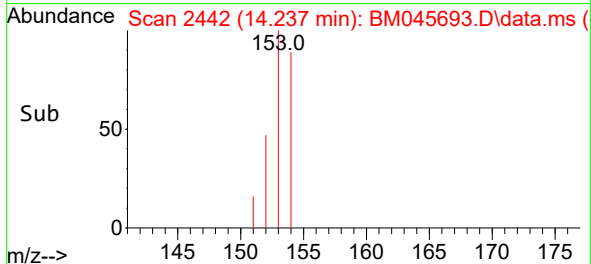
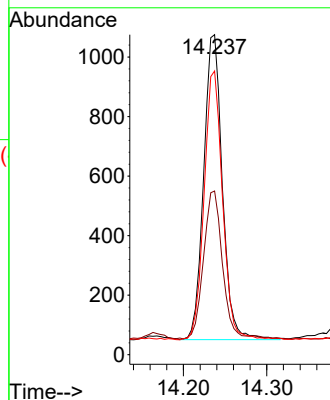
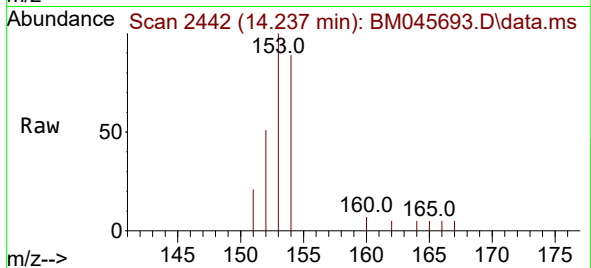
E1CX5

Tgt Ion:	153	Resp:	1598
Ion Ratio	Lower	Upper	
153	100		
152	51.2	45.1	67.7
154	88.7	67.6	101.4

Manual Integrations

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



#12

Fluorene

Concen: 0.403 ng/ul

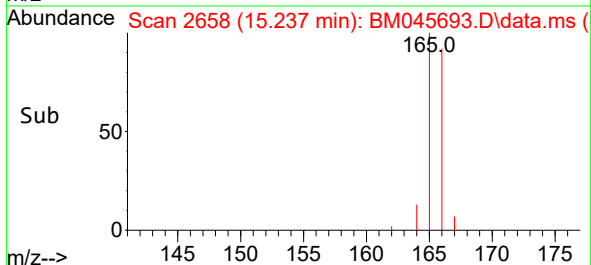
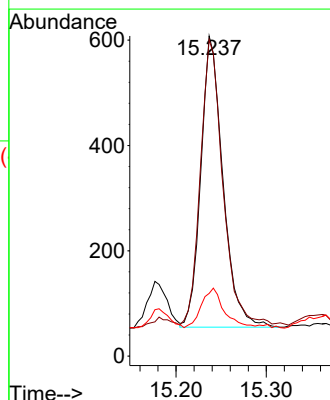
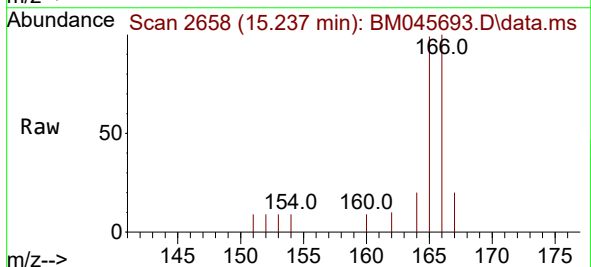
RT: 15.237 min Scan# 2658

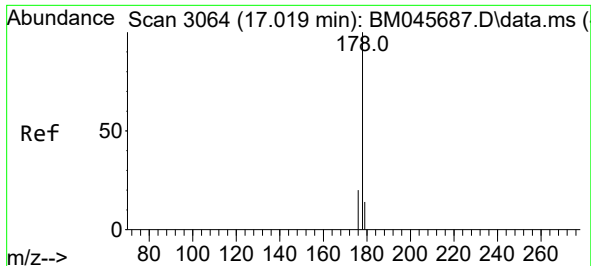
Delta R.T. -0.047 min

Lab File: BM045693.D

Acq: 03 May 2024 13:25

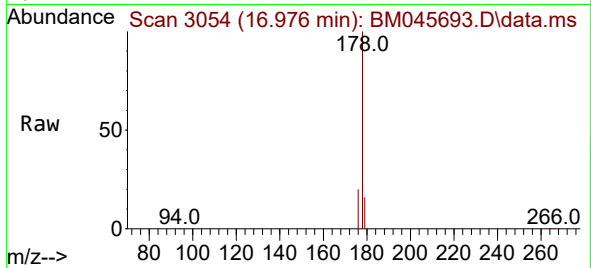
Tgt Ion:	166	Resp:	941
Ion Ratio	Lower	Upper	
166	100		
165	98.8	77.5	116.3
167	19.6	21.8	32.6





#15
Phenanthrene
Concen: 5.375 ng/ul m
RT: 16.976 min Scan# 3064
Delta R.T. -0.047 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

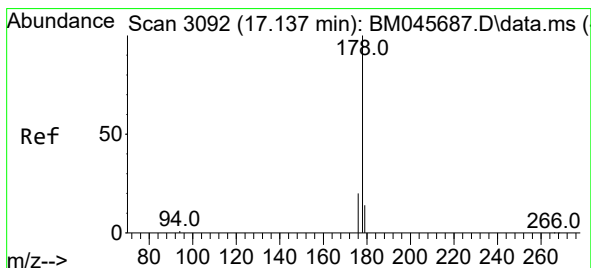
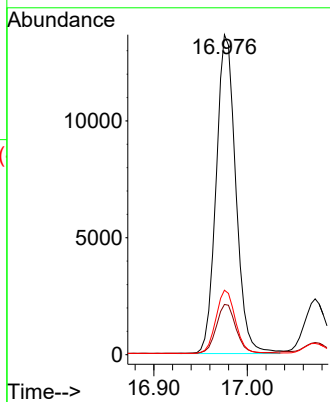
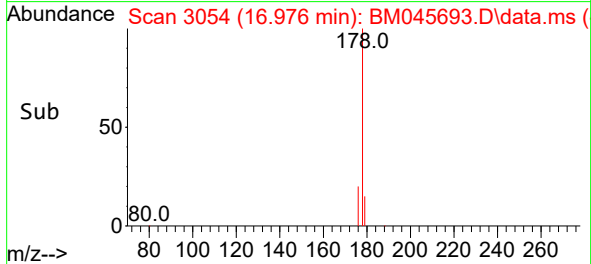
Instrument :
BNA_M
ClientSampleId :
E1CX5



Tgt Ion:178 Resp: 1989
Ion Ratio Lower Upper
178 100
179 15.7 18.3 27.5
176 20.1 21.8 32.6

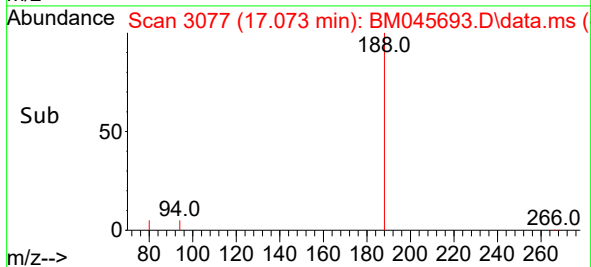
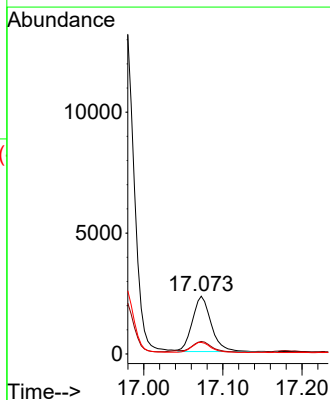
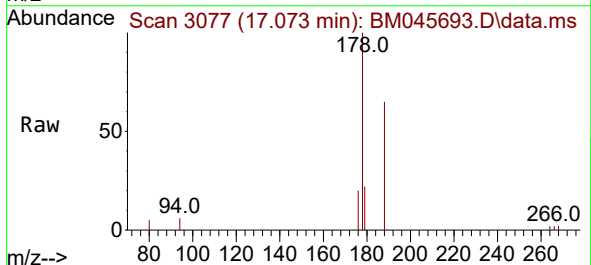
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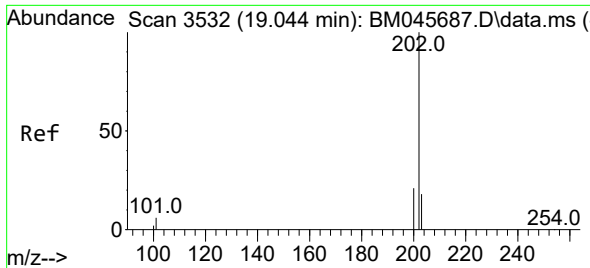
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#16
Anthracene
Concen: 1.053 ng/ul
RT: 17.073 min Scan# 3077
Delta R.T. -0.056 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

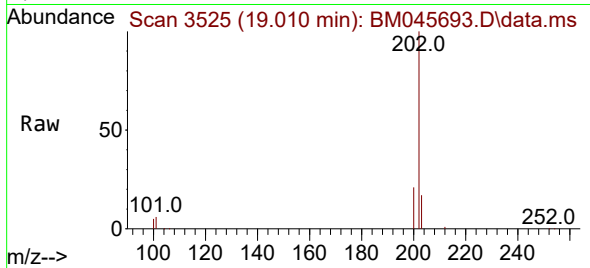
Tgt Ion:178 Resp: 3783
Ion Ratio Lower Upper
178 100
179 21.7 20.9 31.3
176 20.1 22.9 34.3





#19
Fluoranthene
Concen: 3.156 ng/ul
RT: 19.010 min Scan# 3525
Delta R.T. -0.033 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

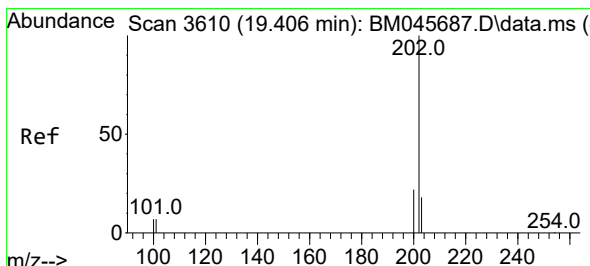
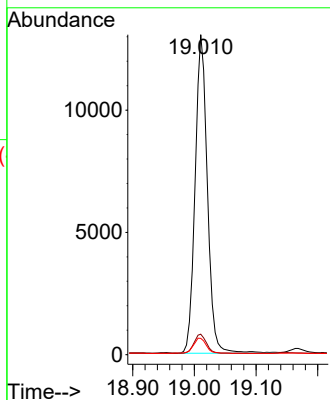
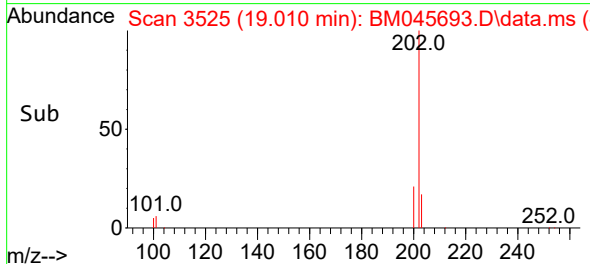
Instrument :
BNA_M
ClientSampleId :
E1CX5



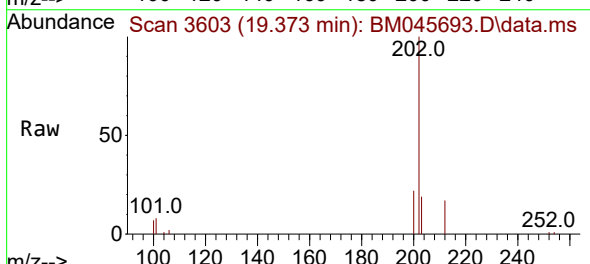
Tgt Ion:202 Resp: 1810
Ion Ratio Lower Upper
202 100
101 6.4 10.1 15.1#
100 5.1 9.4 14.0#

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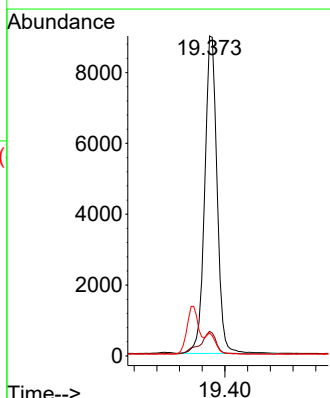
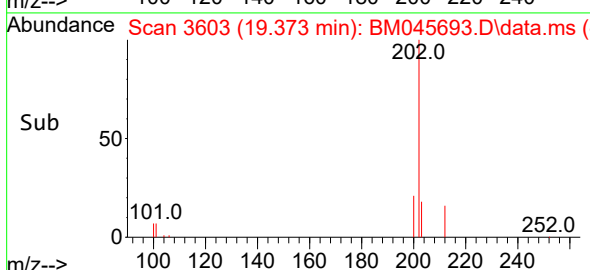
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

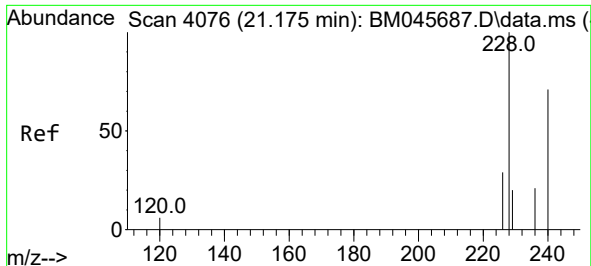


#20
Pyrene
Concen: 2.214 ng/ul
RT: 19.373 min Scan# 3603
Delta R.T. -0.038 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25



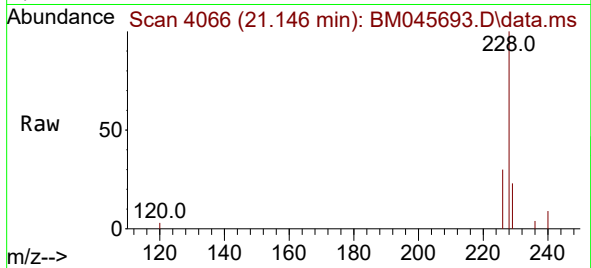
Tgt Ion:202 Resp: 13505
Ion Ratio Lower Upper
202 100
101 7.7 10.7 16.1#
100 7.2 9.8 14.8#





#21
Benzo(a)anthracene
Concen: 1.143 ng/ul
RT: 21.146 min Scan# 4083
Delta R.T. -0.031 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

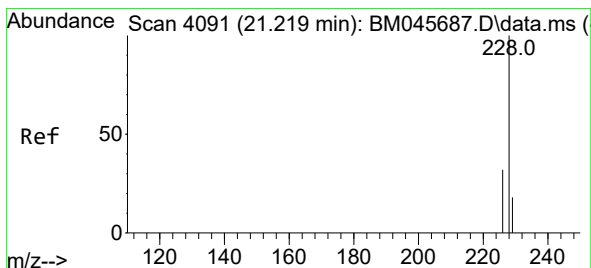
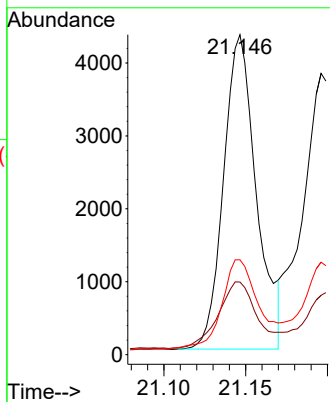
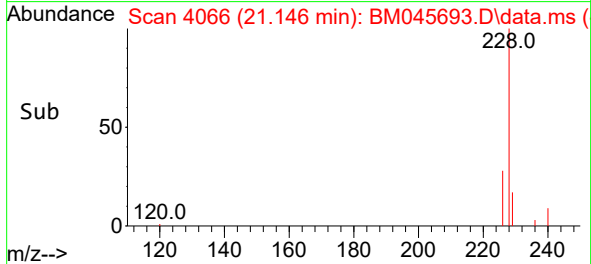
Instrument :
BNA_M
ClientSampleId :
E1CX5



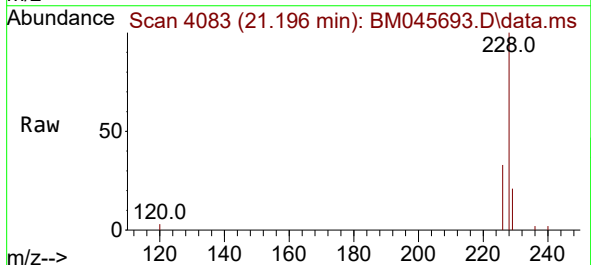
Tgt Ion:228 Resp: 6023
Ion Ratio Lower Upper
228 100
229 22.7 21.3 31.9
226 29.6 25.5 38.3

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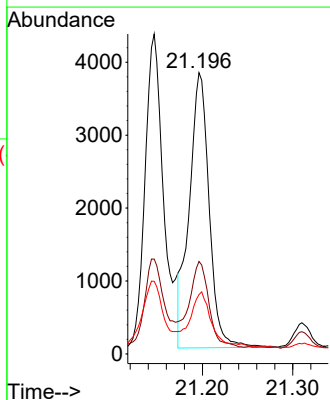
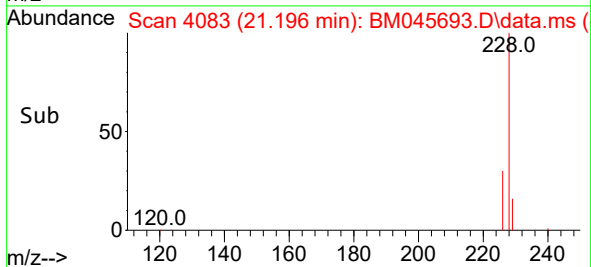
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

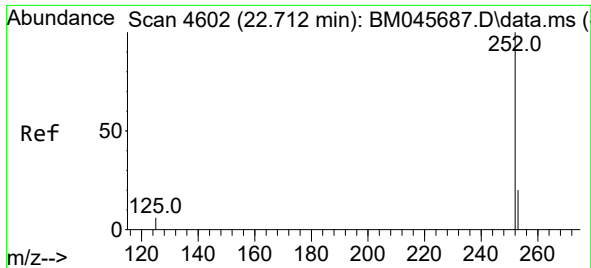


#22
Chrysene
Concen: 0.776 ng/ul
RT: 21.196 min Scan# 4083
Delta R.T. -0.028 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25



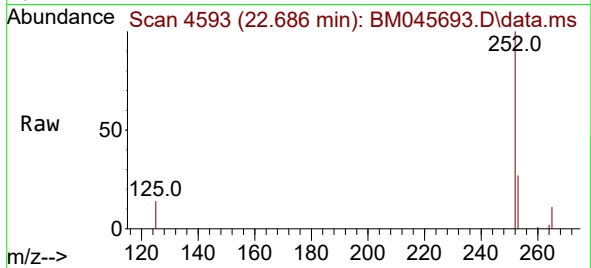
Tgt Ion:228 Resp: 5785
Ion Ratio Lower Upper
228 100
226 32.9 27.7 41.5
229 21.1 19.7 29.5





#24
Benzo(b)fluoranthene
Concen: 1.371 ng/ul m
RT: 22.686 min Scan# 4
Delta R.T. -0.034 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

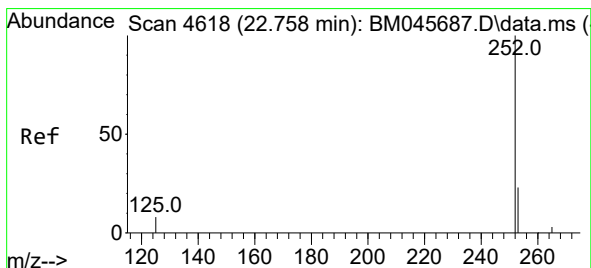
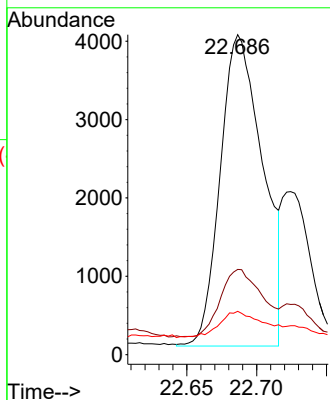
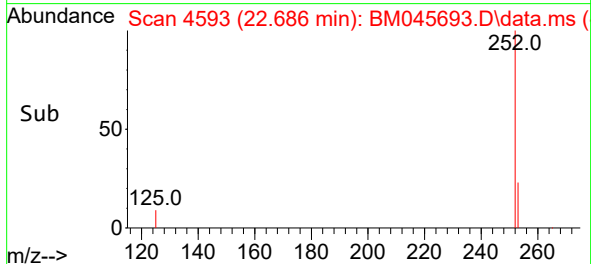
Instrument :
BNA_M
ClientSampleId :
E1CX5



Tgt Ion:252 Resp: 841
Ion Ratio Lower Upper
252 100
253 26.7 0.0 67.2
125 13.6 0.0 28.0

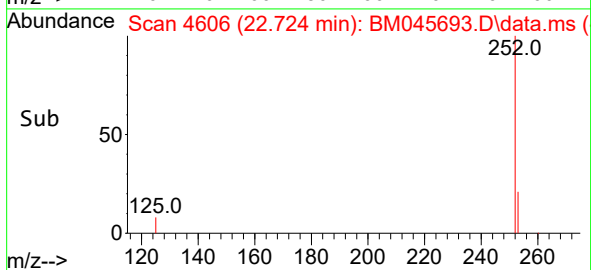
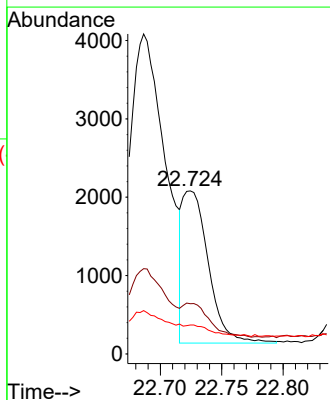
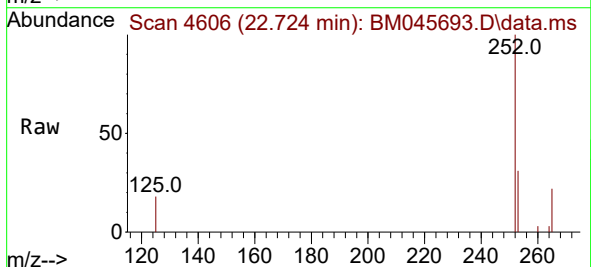
Manual Integrations
APPROVED

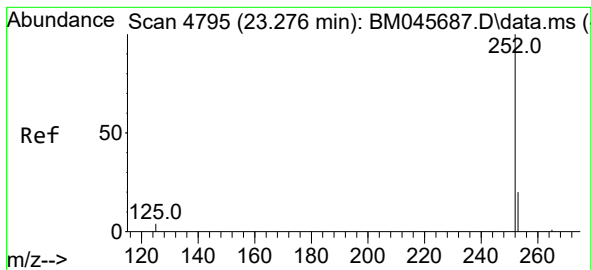
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul m
RT: 22.724 min Scan# 4606
Delta R.T. -0.040 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

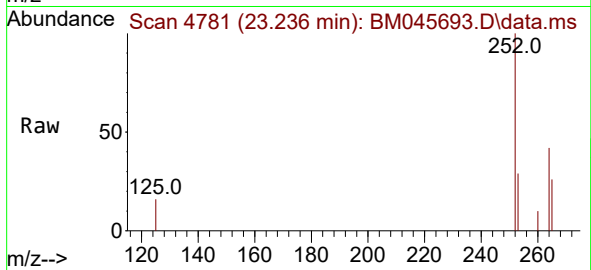
Tgt Ion:252 Resp: 2841
Ion Ratio Lower Upper
252 100
253 30.8 27.8 41.6
125 17.7 11.9 17.9





#26
Benzo(a)pyrene
Concen: 0.776 ng/ul
RT: 23.236 min Scan# 41
Delta R.T. -0.052 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

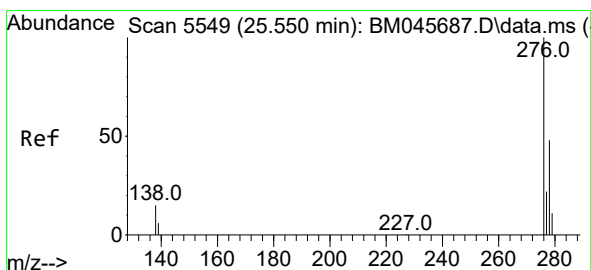
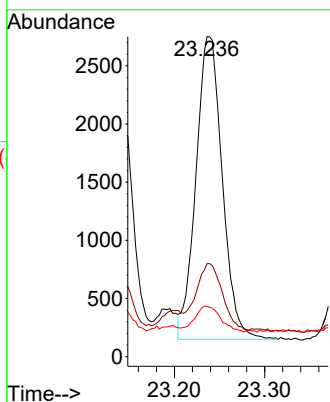
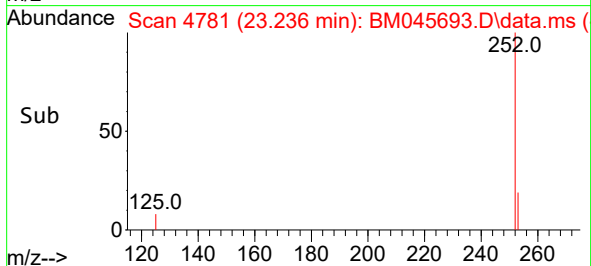
Instrument :
BNA_M
ClientSampleId :
E1CX5



Tgt Ion:252 Resp: 527
Ion Ratio Lower Upper
252 100
253 29.0 31.7 47.5
125 15.7 15.8 23.6

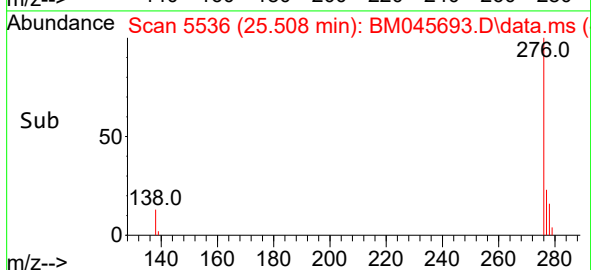
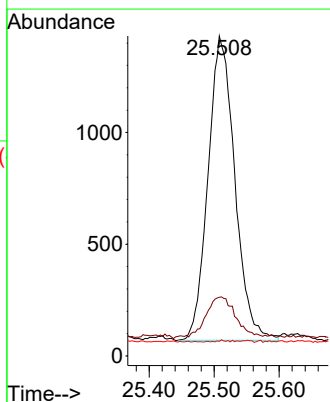
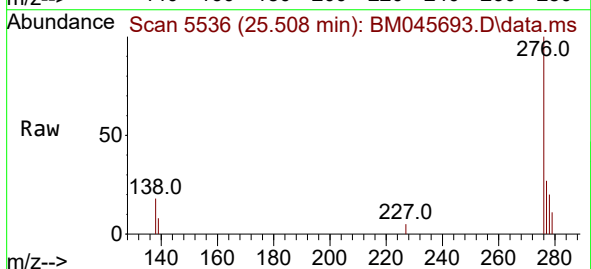
Manual Integrations
APPROVED

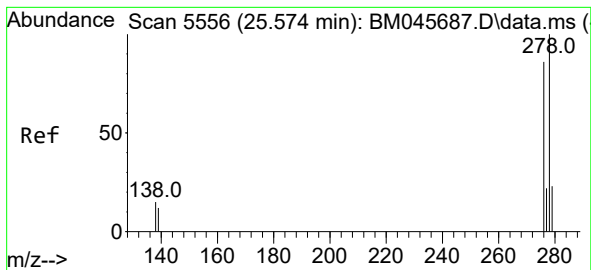
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.416 ng/ul
RT: 25.508 min Scan# 5536
Delta R.T. -0.059 min
Lab File: BM045693.D
Acq: 03 May 2024 13:25

Tgt Ion:276 Resp: 3901
Ion Ratio Lower Upper
276 100
138 14.4 13.1 19.7
227 0.1 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.130 ng/ul

RT: 25.515 min Scan# 51

Delta R.T. -0.073 min

Lab File: BM045693.D

Acq: 03 May 2024 13:25

Instrument :

BNA_M

ClientSampleId :

E1CX5

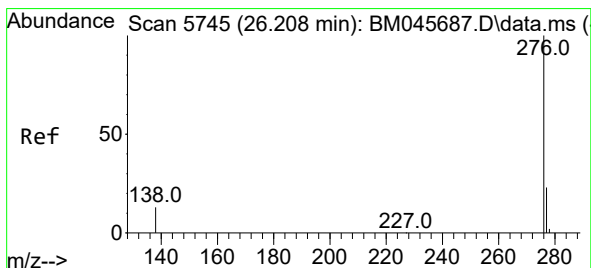
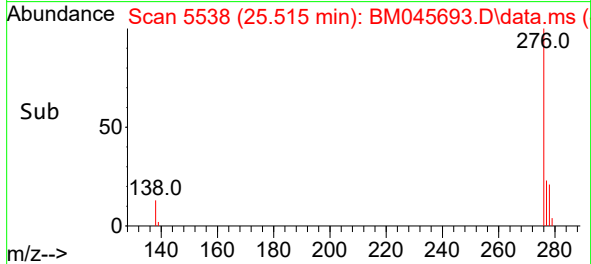
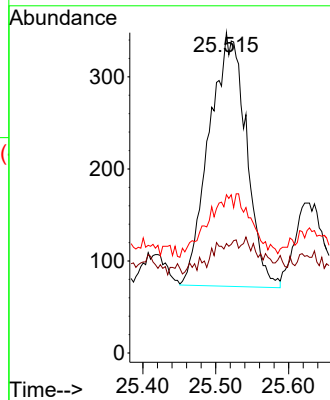
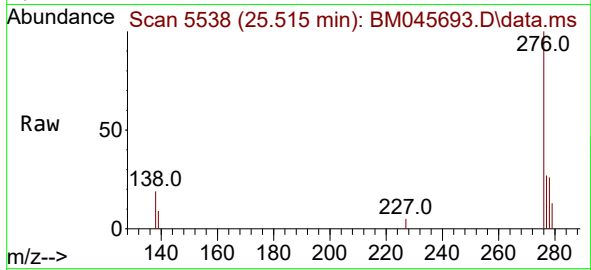
Tgt Ion:278	Resp:	97
Ion Ratio	Lower	Upper
278	100	
139	34.2	16.9 25.3
279	49.4	31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024

Supervised By :mohammad ahmed 05/06/2024



#29

Benzo(g,h,i)perylene

Concen: 0.472 ng/ul

RT: 26.169 min Scan# 5733

Delta R.T. -0.056 min

Lab File: BM045693.D

Acq: 03 May 2024 13:25

Tgt Ion:276	Resp:	3918
Ion Ratio	Lower	Upper
276	100	
138	20.3	18.8 28.2
277	26.2	27.1 40.7

