

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045689.D
 Acq On : 03 May 2024 10:02
 Operator : MA/JU
 Sample : P2305-01DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL2DL

Manual Integrations
 APPROVED

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

Quant Time: May 03 10:56:06 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	7.530	152	294	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.287	136	866	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.168	164	621	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.938	188	1673	0.400	ng/ul	#-0.04
17) Chrysene-d12	21.161	240	1932	0.400	ng/ul	-0.03
23) Perylene-d12	23.344	264	2566	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	297	0.892	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	104	0.076	ng/ul	-0.04
18) Fluoranthene-d10	18.983	212	429	0.088	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.336	128	5912	2.679	ng/ul#	65
7) 2-Methylnaphthalene	11.986	142	147	0.110	ng/ul	95
8) 1-Methylnaphthalene	12.195	142	422	0.286	ng/ul	84
10) Acenaphthylene	13.890	152	550	0.211	ng/ul#	91
11) Acenaphthene	14.233	153	52721	27.256	ng/ul	95
12) Fluorene	15.237	166	17152	7.652	ng/ul#	93
15) Phenanthrene	16.980	178	463	0.111	ng/ul#	77
16) Anthracene	17.077	178	3523	0.874	ng/ul#	86
19) Fluoranthene	19.010	202	12808	2.086	ng/ul#	84
20) Pyrene	19.378	202	7204	1.103	ng/ul#	87
21) Benzo(a)anthracene	21.149	228	325m	0.058	ng/ul	
22) Chrysene	21.199	228	204m	0.026	ng/ul	

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

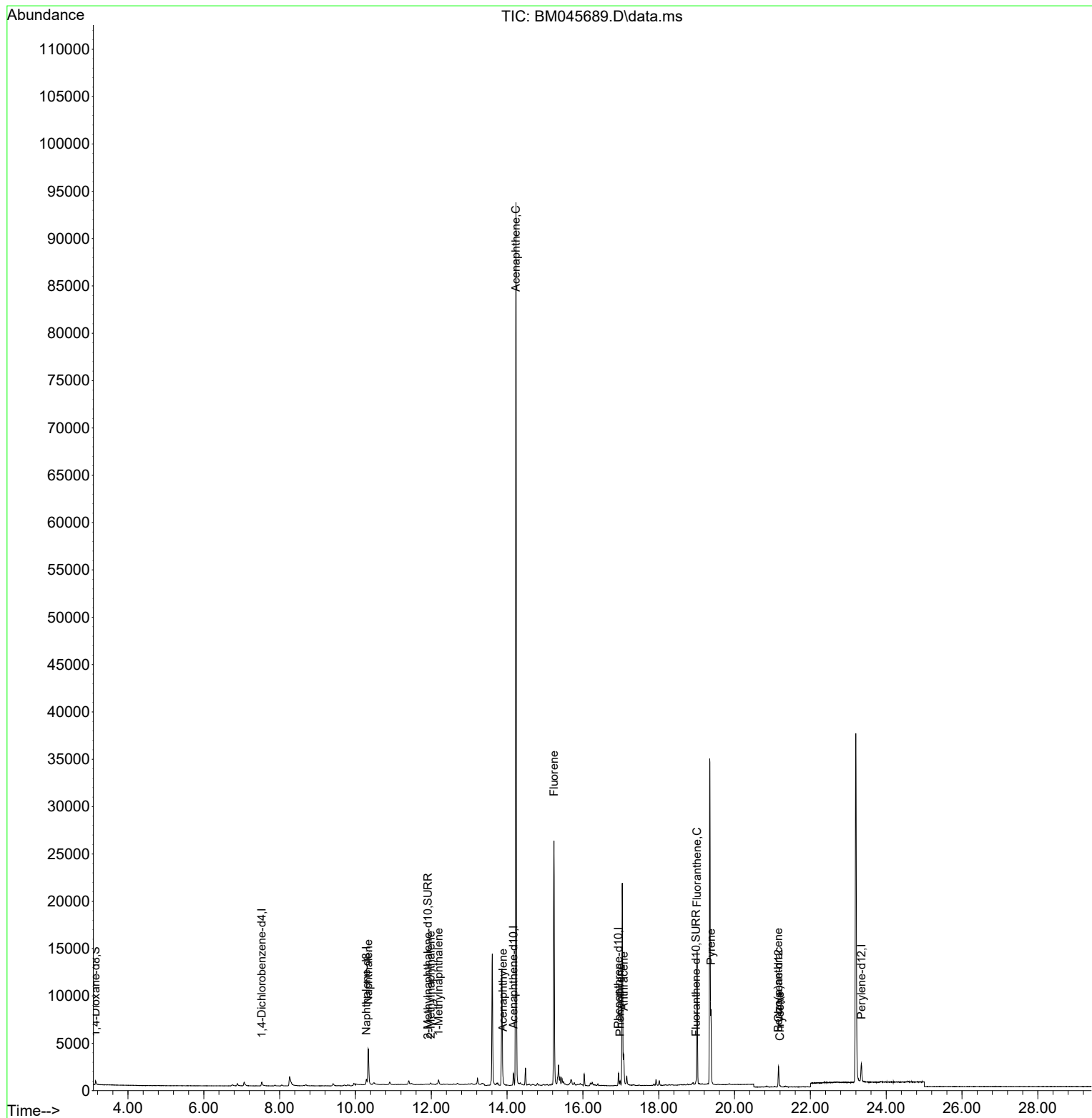
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045689.D
Acq On : 03 May 2024 10:02
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Sample : P2305-01DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

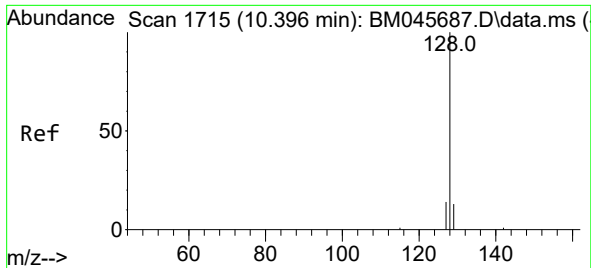
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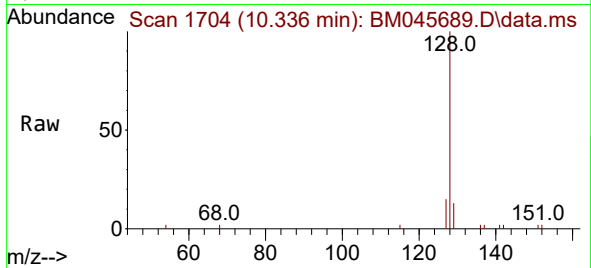
Quant Time: May 03 10:56:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
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#5
Naphthalene
Concen: 2.679 ng/ul
RT: 10.336 min Scan# 11
Delta R.T. -0.055 min
Lab File: BM045689.D
Acq: 03 May 2024 10:02

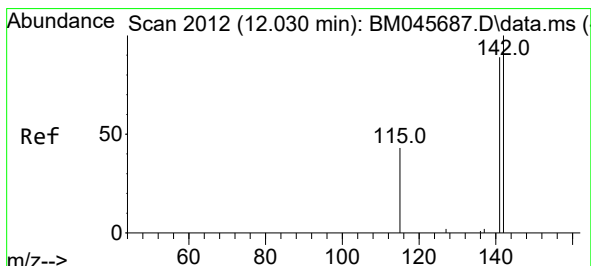
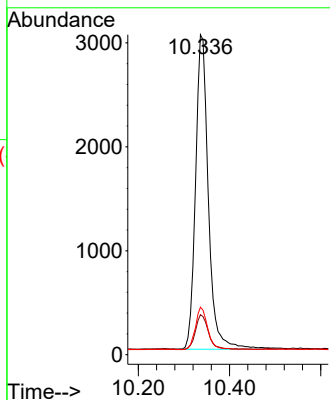
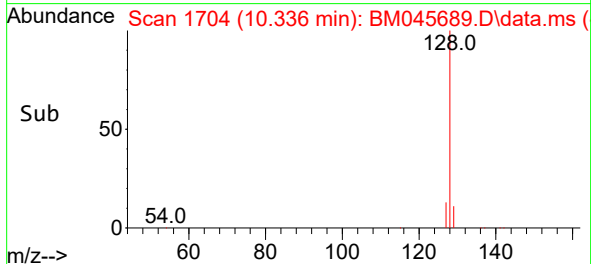
Instrument :
BNA_M
ClientSampleId :
C0AL2DL



Tgt Ion:128 Resp: 591
Ion Ratio Lower Upper
128 100
129 12.5 26.2 39.4
127 14.9 27.4 41.2

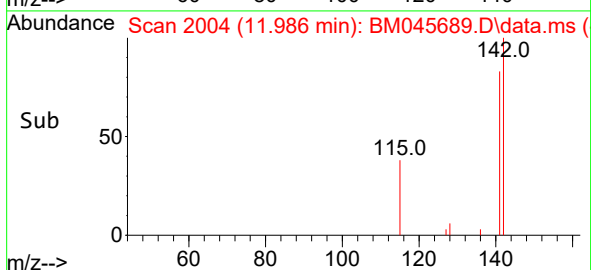
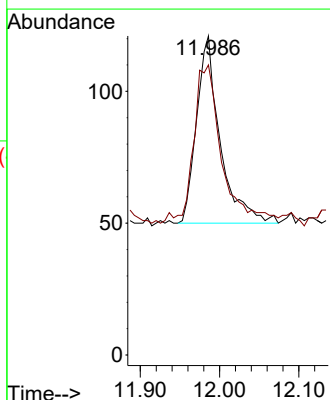
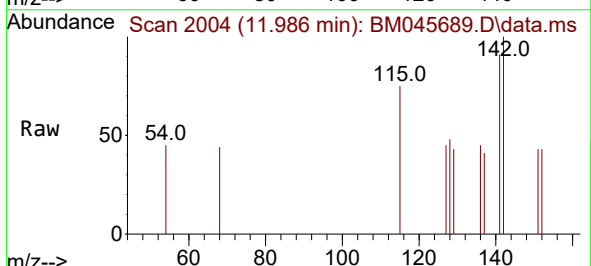
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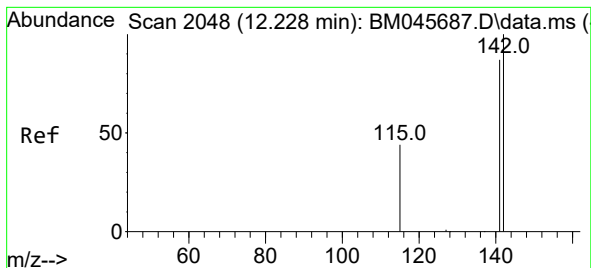
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.044 min
Lab File: BM045689.D
Acq: 03 May 2024 10:02

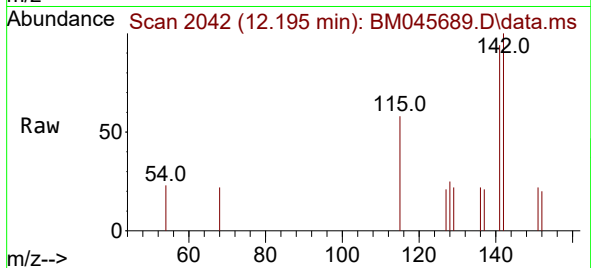
Tgt Ion:142 Resp: 147
Ion Ratio Lower Upper
142 100
141 101.4 76.9 115.3





#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.195 min Scan# 2042
Delta R.T. -0.033 min
Lab File: BM045689.D
Acq: 03 May 2024 10:02

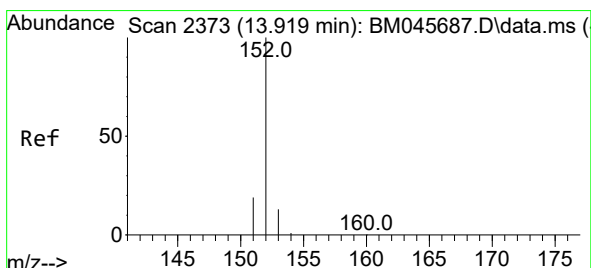
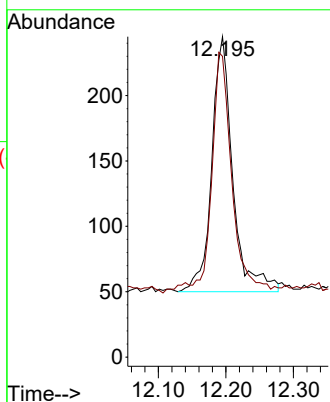
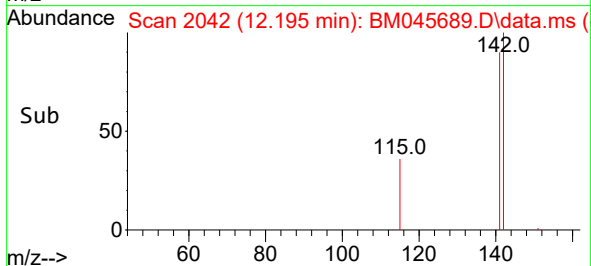
Instrument :
BNA_M
ClientSampleId :
C0AL2DL



Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
141 83.6 79.4 119.2

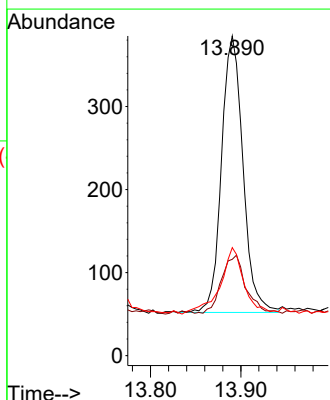
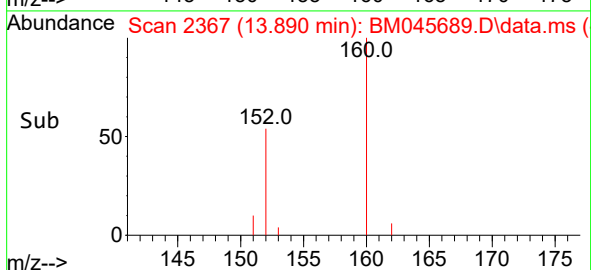
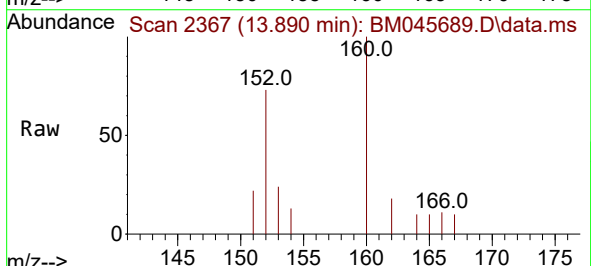
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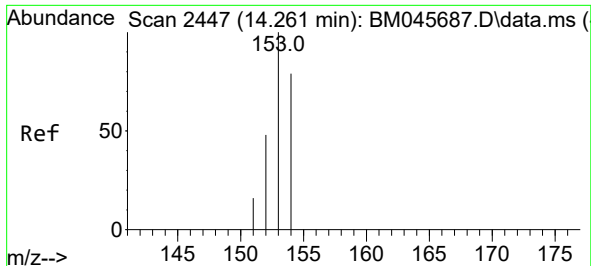
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Acenaphthylene
Concen: 0.211 ng/ul
RT: 13.890 min Scan# 2367
Delta R.T. -0.038 min
Lab File: BM045689.D
Acq: 03 May 2024 10:02

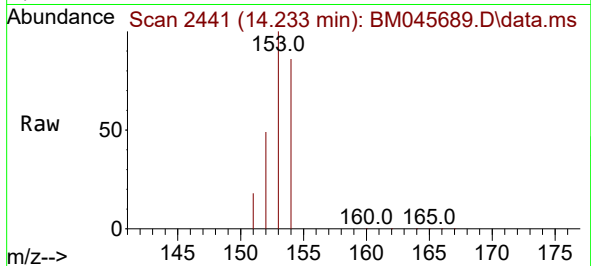
Tgt Ion:152 Resp: 550
Ion Ratio Lower Upper
152 100
151 30.1 25.0 37.4
153 33.8 19.6 29.4#





#11
Acenaphthene
Concen: 27.256 ng/ul
RT: 14.233 min Scan# 2441
Delta R.T. -0.028 min
Lab File: BM045689.D
Acq: 03 May 2024 10:02

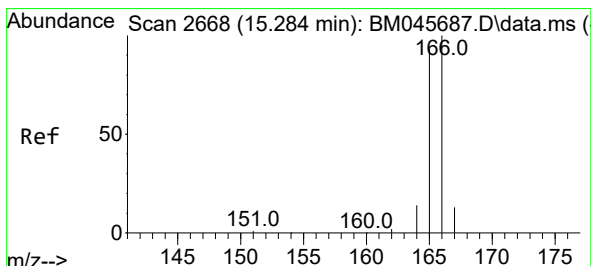
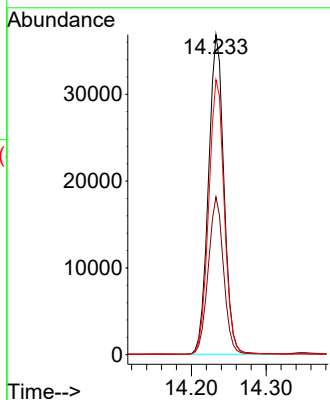
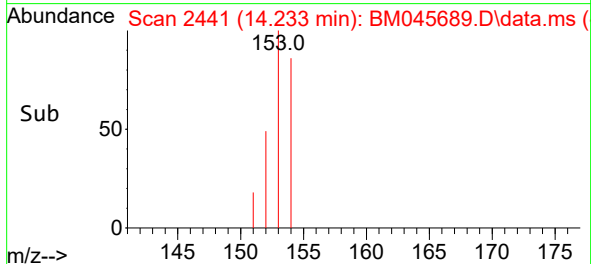
Instrument :
BNA_M
ClientSampleId :
C0AL2DL



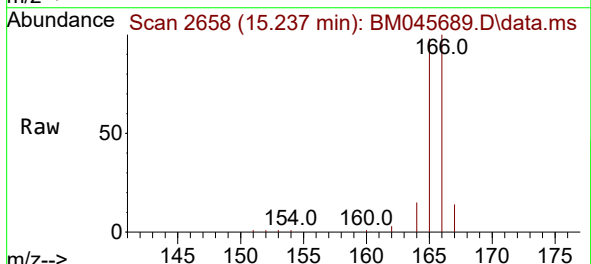
Tgt Ion:153 Resp: 5272
Ion Ratio Lower Upper
153 100
152 49.3 45.1 67.7
154 85.9 67.6 101.4

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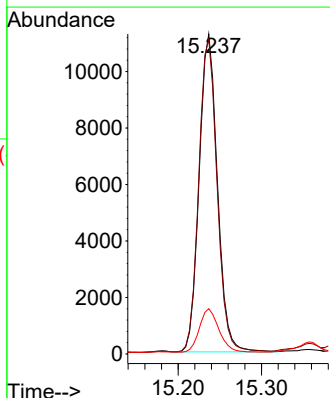
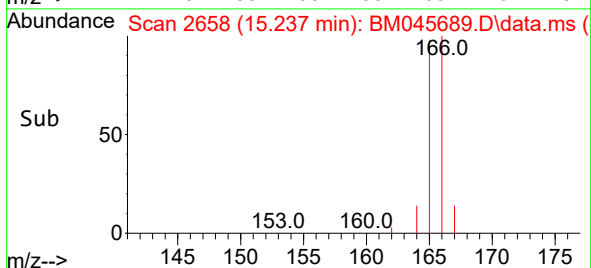
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

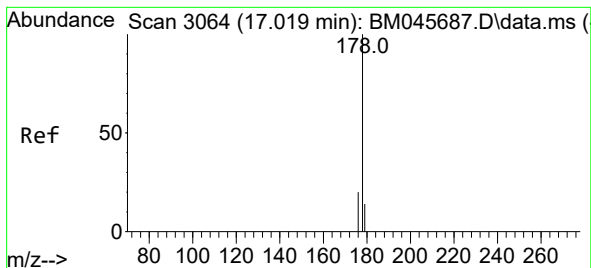


#12
Fluorene
Concen: 7.652 ng/ul
RT: 15.237 min Scan# 2658
Delta R.T. -0.047 min
Lab File: BM045689.D
Acq: 03 May 2024 10:02



Tgt Ion:166 Resp: 17152
Ion Ratio Lower Upper
166 100
165 98.3 77.5 116.3
167 14.1 21.8 32.6#





#15

Phenanthrene

Concen: 0.111 ng/ul

RT: 16.980 min Scan# 3064

Delta R.T. -0.043 min

Lab File: BM045689.D

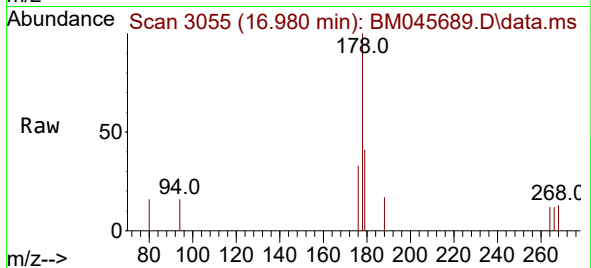
Acq: 03 May 2024 10:02

Instrument :

BNA_M

ClientSampleId :

COAL2DL

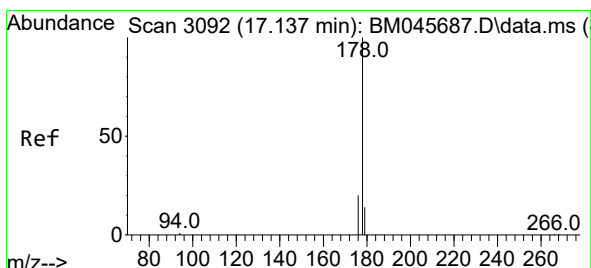
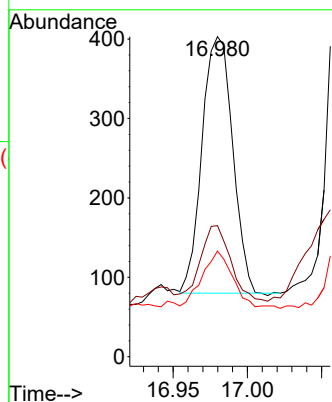
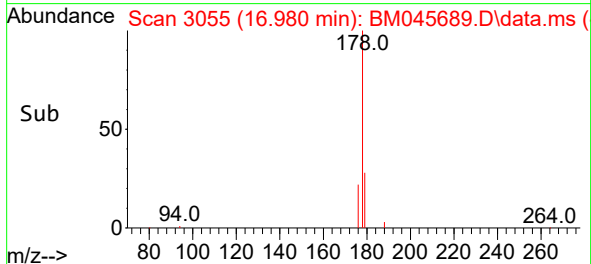


Tgt Ion:178	Resp:	463
Ion Ratio	Lower	Upper
178	100	
179	40.9	18.3 27.5
176	33.0	21.8 32.6

Manual Integrations

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Supervised By :mohammad ahmed 05/06/2024



#16

Anthracene

Concen: 0.874 ng/ul

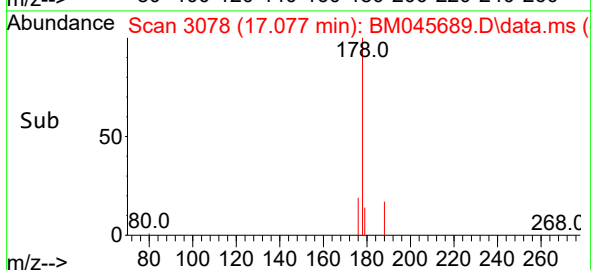
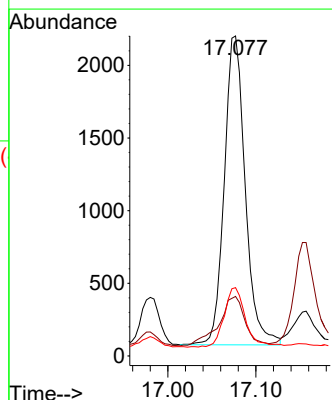
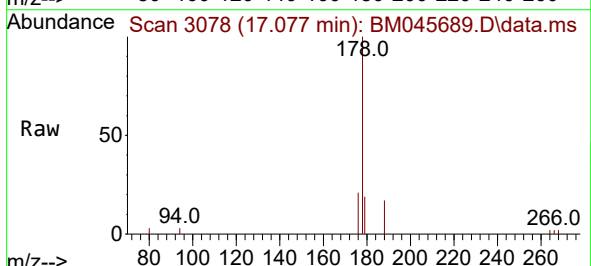
RT: 17.077 min Scan# 3078

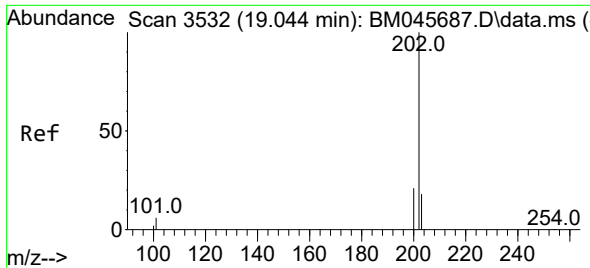
Delta R.T. -0.051 min

Lab File: BM045689.D

Acq: 03 May 2024 10:02

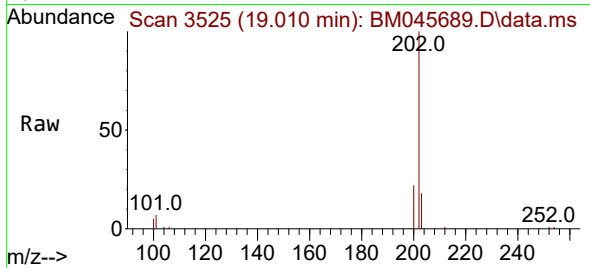
Tgt Ion:178	Resp:	3523
Ion Ratio	Lower	Upper
178	100	
179	18.6	20.9 31.3#
176	21.3	22.9 34.3#





#19
Fluoranthene
Concen: 2.086 ng/ul
RT: 19.010 min Scan# 3525
Delta R.T. -0.033 min
Lab File: BM045689.D
Acq: 03 May 2024 10:02

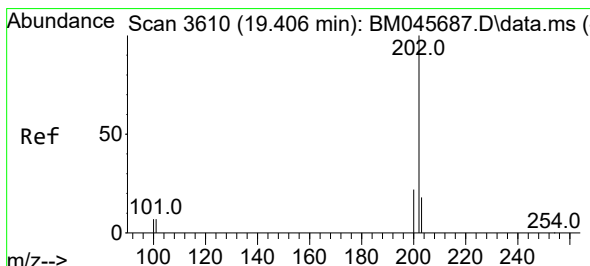
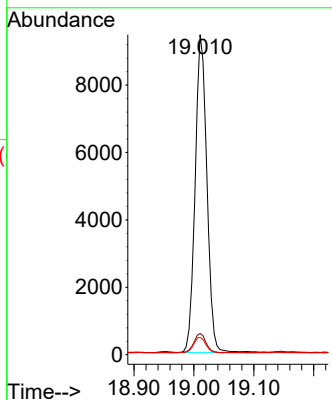
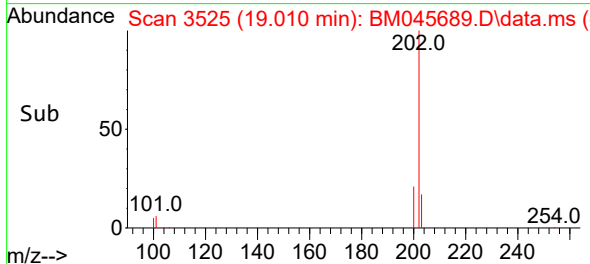
Instrument :
BNA_M
ClientSampleId :
C0AL2DL



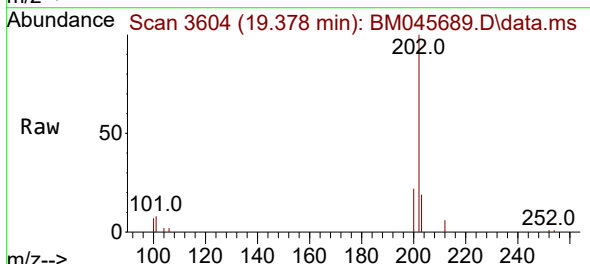
Tgt Ion:202 Resp: 12800
Ion Ratio Lower Upper
202 100
101 6.6 10.1 15.1#
100 5.4 9.4 14.0#

Manual Integrations
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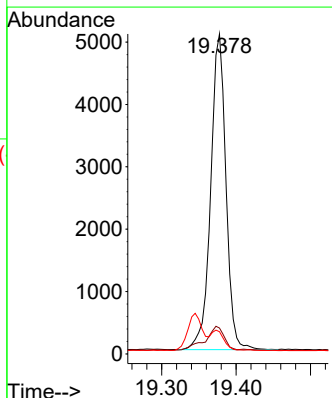
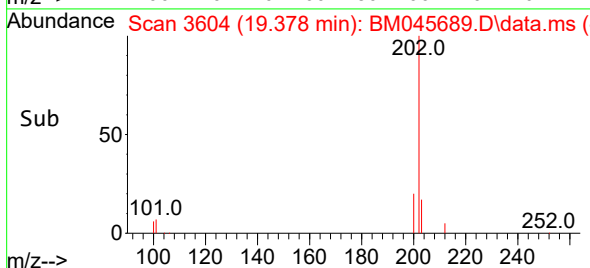
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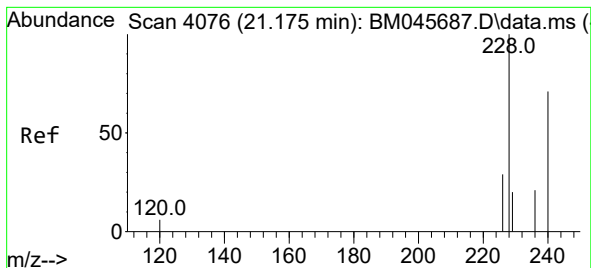


#20
Pyrene
Concen: 1.103 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.033 min
Lab File: BM045689.D
Acq: 03 May 2024 10:02



Tgt Ion:202 Resp: 7204
Ion Ratio Lower Upper
202 100
101 8.1 10.7 16.1#
100 7.0 9.8 14.8#





#21

Benzo(a)anthracene

Concen: 0.058 ng/ul m

RT: 21.149 min Scan# 4067

Delta R.T. -0.028 min

Lab File: BM045689.D

Acq: 03 May 2024 10:02

Instrument :

BNM

ClientSampleId :

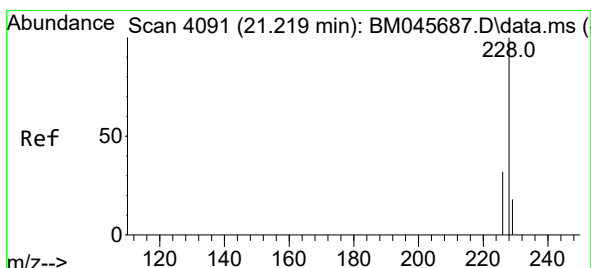
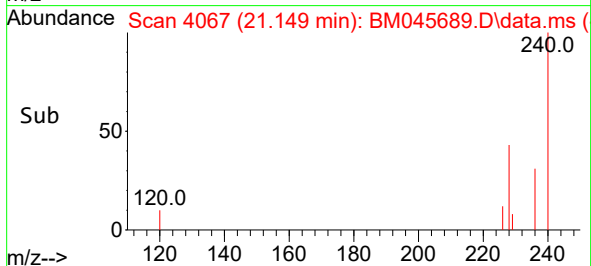
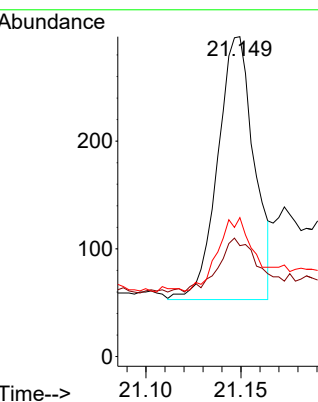
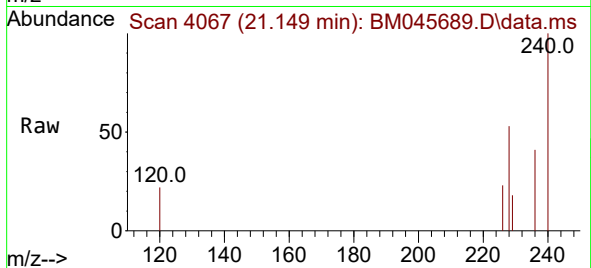
COAL2DL

Tgt Ion:228	Resp:	325
Ion Ratio	Lower	Upper
228	100	
229	34.7	21.3 31.9
226	43.4	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: 0.026 ng/ul m

RT: 21.199 min Scan# 4084

Delta R.T. -0.025 min

Lab File: BM045689.D

Acq: 03 May 2024 10:02

Tgt Ion:228	Resp:	204
Ion Ratio	Lower	Upper
228	100	
226	54.8	27.7 41.5
229	51.6	19.7 29.5

