

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030262.D
 Acq On : 04 Mar 2024 18:46
 Operator : MA/JU
 Sample : P1512-01DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOS90DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 22:47:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	1553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	3978	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	1911	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	3762	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.441	240	3314	0.400	ng/ul	# 0.00
23) Perylene-d12	23.794	264	3989	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	1925	0.895	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	301	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	570	0.053	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.672	128	3046	0.260	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	844	0.133	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	646	0.096	ng/ul	98
10) Acenaphthylene	14.196	152	1141	0.107	ng/ul#	86
11) Acenaphthene	14.539	153	421	0.054	ng/ul	92
12) Fluorene	15.529	166	735	0.092	ng/ul#	96
15) Phenanthrene	17.272	178	7900	0.626	ng/ul	99
16) Anthracene	17.365	178	1979	0.178	ng/ul	97
19) Fluoranthene	19.300	202	14919	1.013	ng/ul#	94
20) Pyrene	19.662	202	12484	0.780	ng/ul#	94
21) Benzo(a)anthracene	21.426	228	6351	0.542	ng/ul	94
22) Chrysene	21.476	228	7078	0.503	ng/ul	98
24) Benzo(b)fluoranthene	23.084	252	11729m	0.762	ng/ul	
25) Benzo(k)fluoranthene	23.124	252	4422m	0.244	ng/ul	
26) Benzo(a)pyrene	23.689	252	6822	0.436	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.222	276	5971	0.299	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.242	278	1340	0.087	ng/ul#	58
29) Benzo(g,h,i)perylene	26.960	276	5432	0.293	ng/ul	97

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

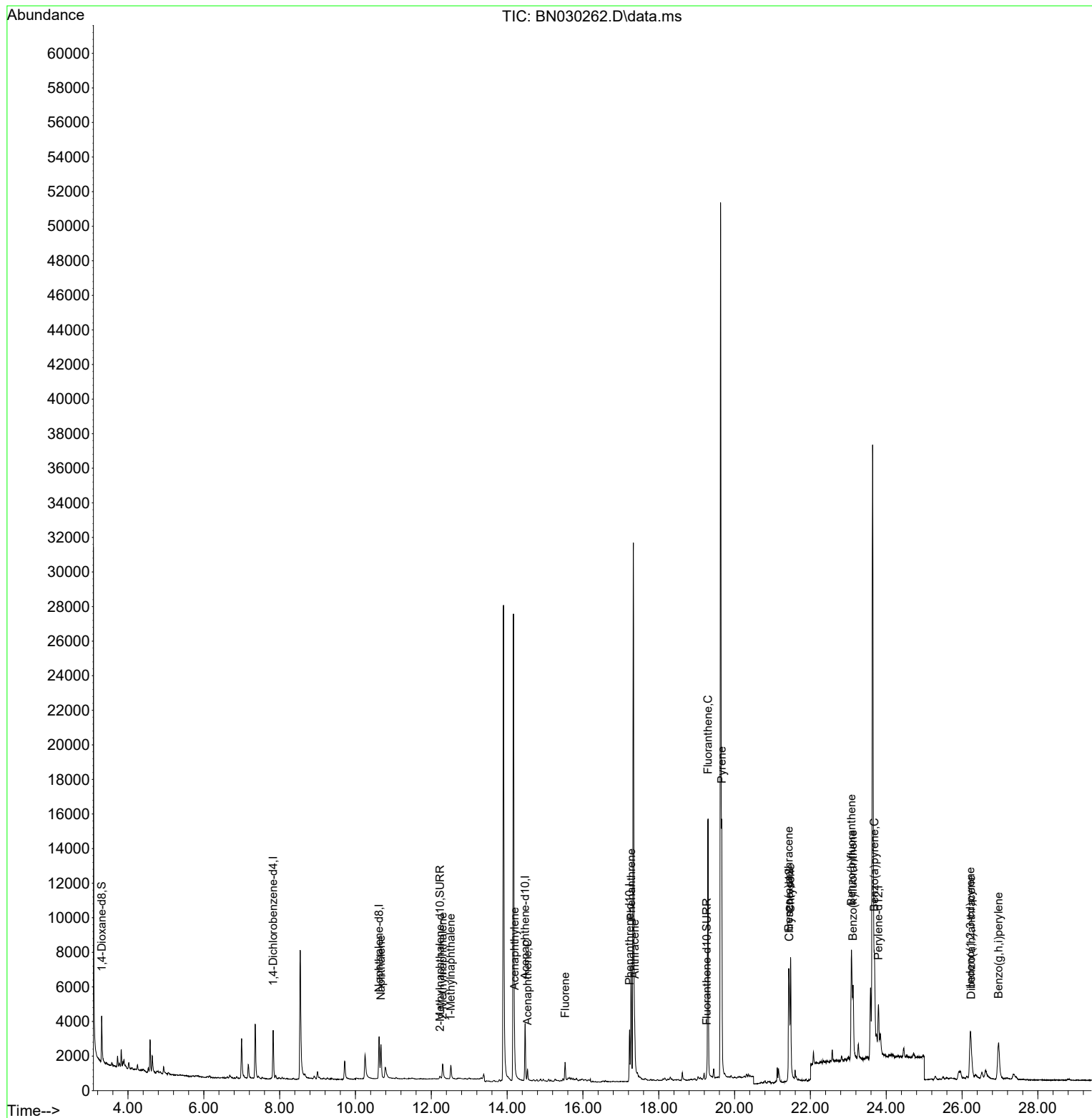
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030262.D
Acq On : 04 Mar 2024 18:46
Operator : MA/JU
Sample : P1512-01DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

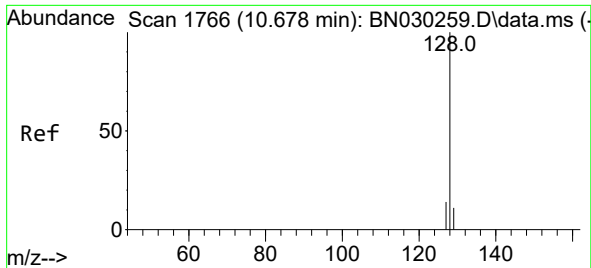
Instrument :
BNA_N
ClientSampleId :
E0S90DL

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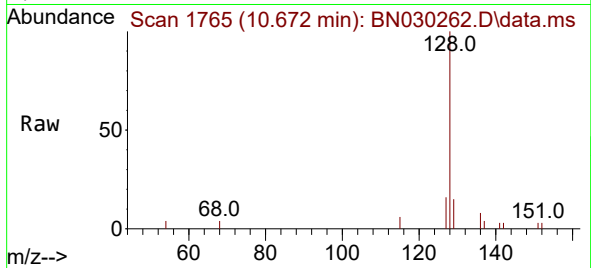
Quant Time: Mar 04 22:47:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 05:54:20 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.260 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

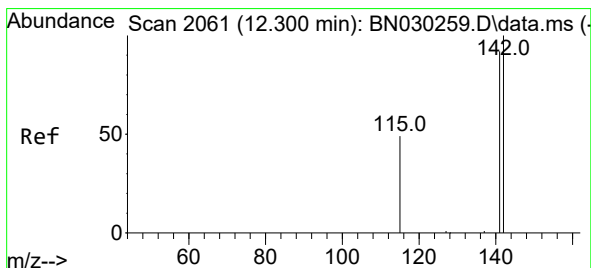
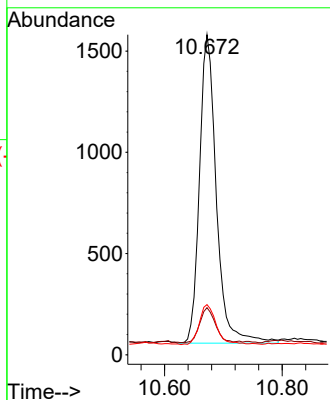
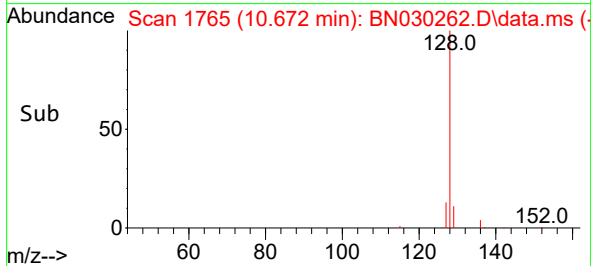
Instrument :
BNA_N
ClientSampleId :
E0S90DL



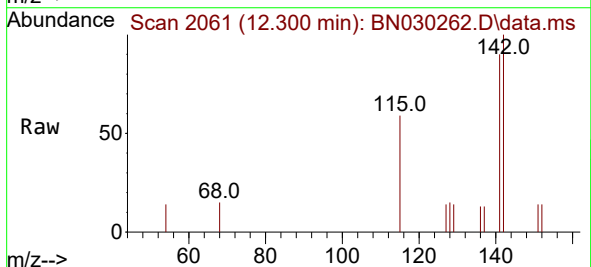
Tgt Ion:128 Resp: 3040
Ion Ratio Lower Upper
128 100
129 14.7 11.0 16.4
127 15.7 12.3 18.5

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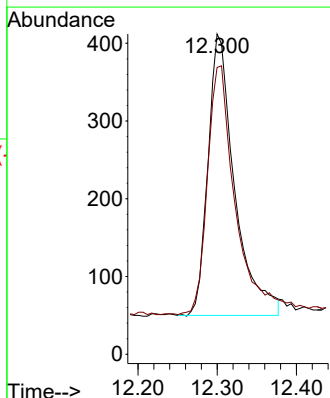
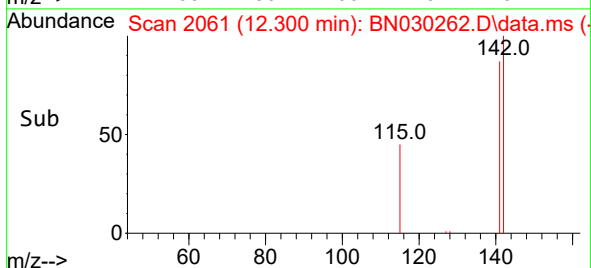
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

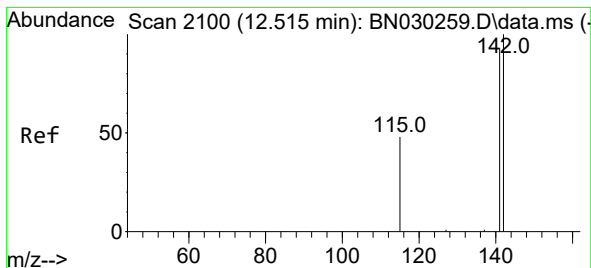


#7
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46



Tgt Ion:142 Resp: 844
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.096 ng/ul

RT: 12.514 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

Instrument :

BNA_N

ClientSampleId :

EO590DL

Tgt Ion:142 Resp: 640

Ion Ratio Lower Upper

142 100

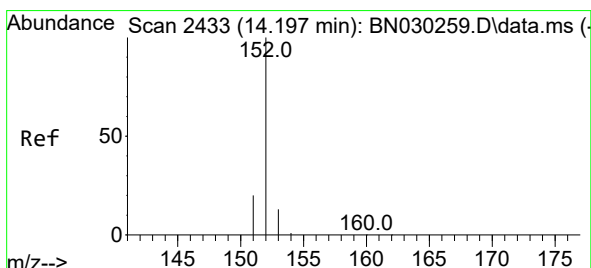
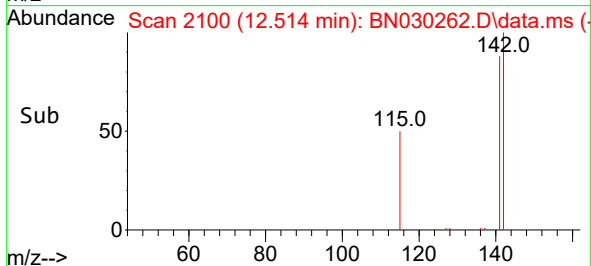
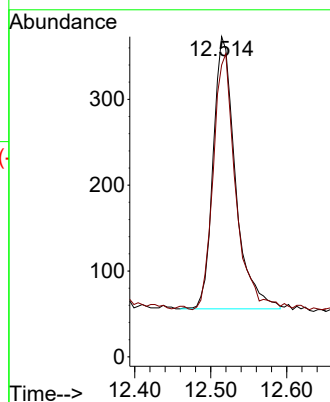
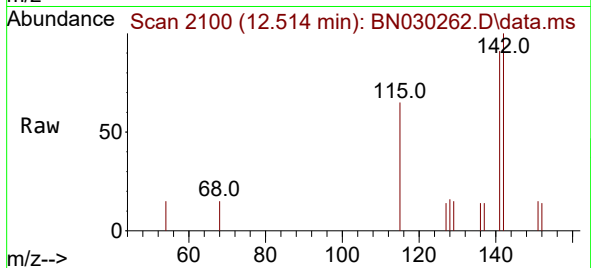
141 94.7 74.2 111.2

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#10

Acenaphthylene

Concen: 0.107 ng/ul

RT: 14.196 min Scan# 2433

Delta R.T. -0.005 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

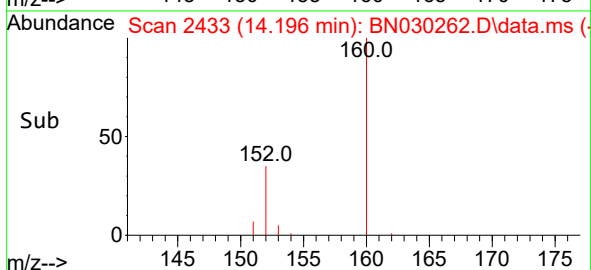
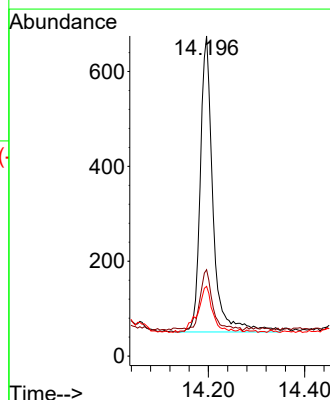
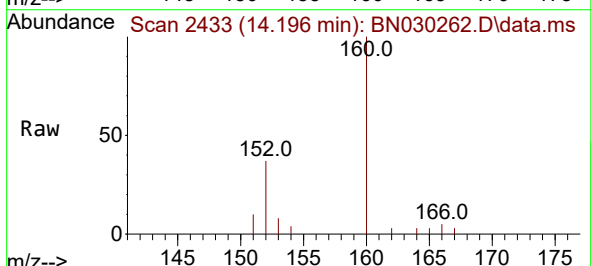
Tgt Ion:152 Resp: 1141

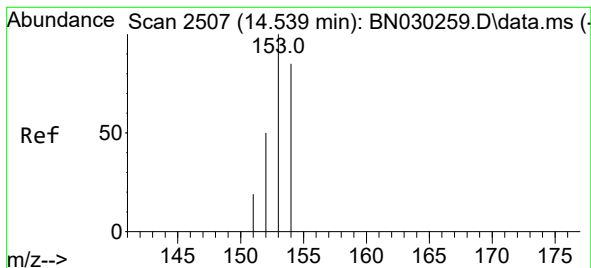
Ion Ratio Lower Upper

152 100

151 27.0 16.9 25.3#

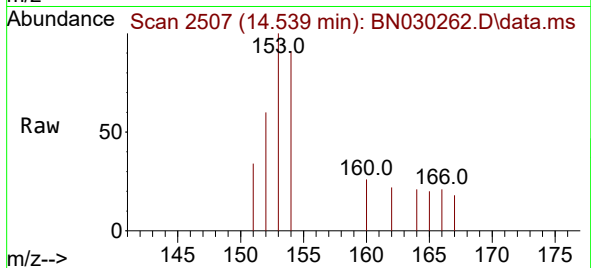
153 21.8 11.8 17.6#





#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

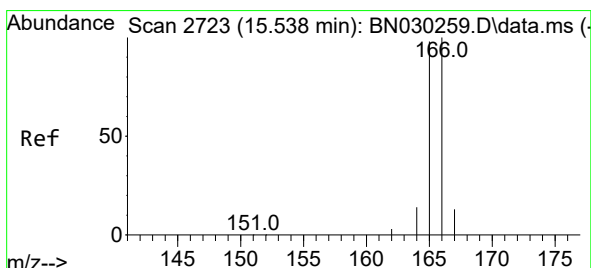
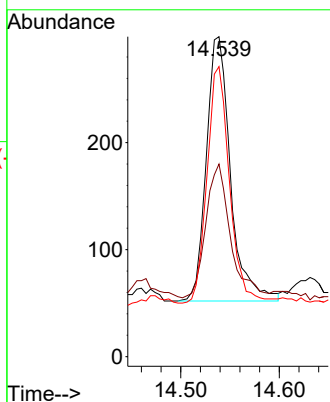
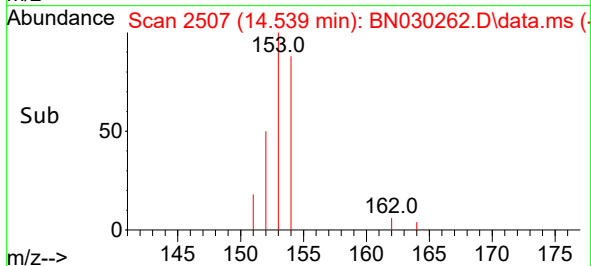
Instrument :
BNA_N
ClientSampleId :
E0S90DL



Tgt Ion:153 Resp: 42.1
Ion Ratio Lower Upper
153 100
152 60.2 43.2 64.8
154 90.6 67.5 101.3

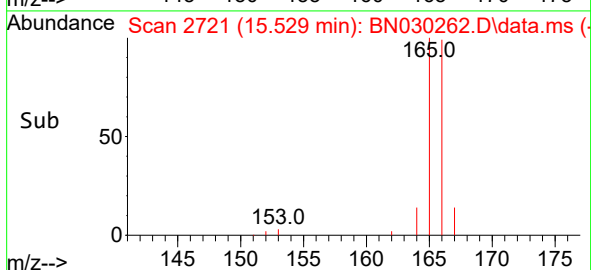
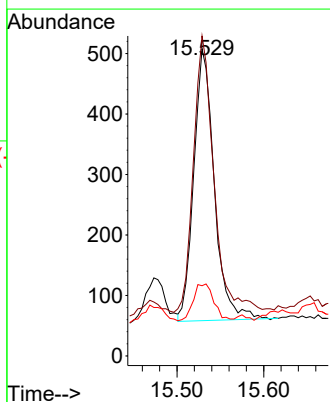
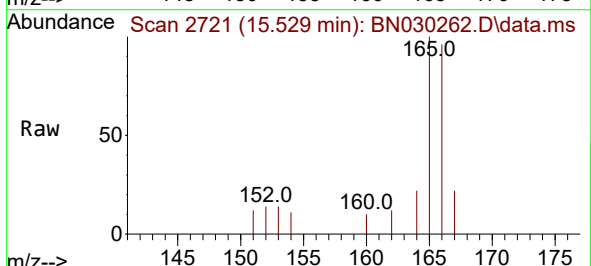
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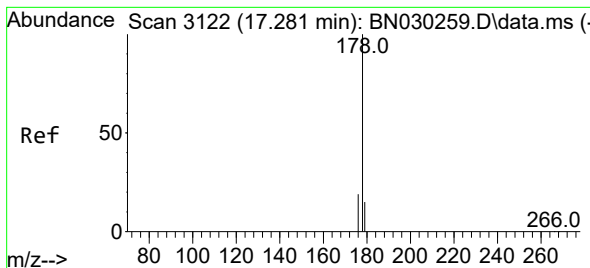
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. -0.009 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:166 Resp: 735
Ion Ratio Lower Upper
166 100
165 104.1 81.8 122.6
167 22.8 13.0 19.4#





#15

Phenanthrene

Concen: 0.626 ng/ul

RT: 17.272 min Scan# 3120

Delta R.T. -0.009 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

Instrument :

BNA_N

ClientSampleId :

EOS90DL

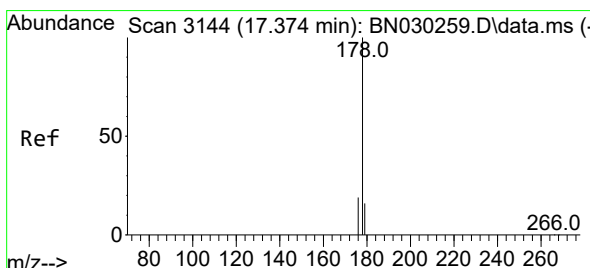
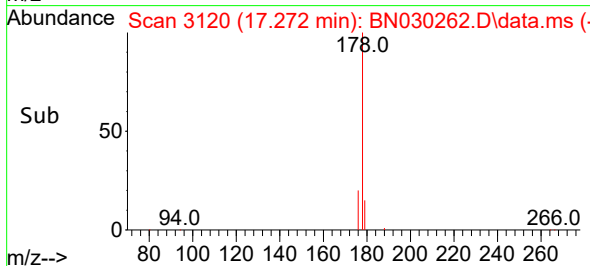
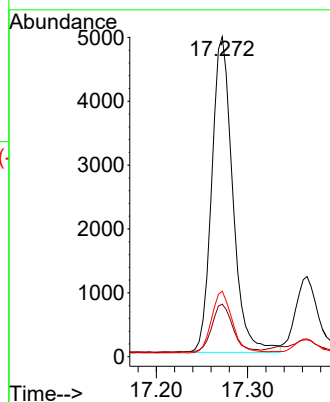
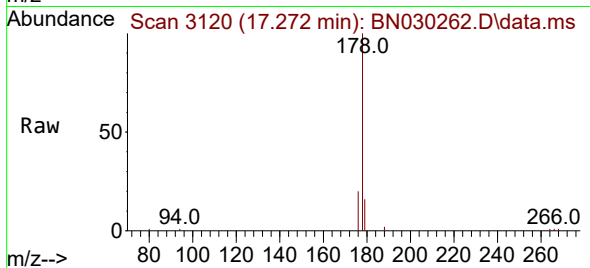
Tgt Ion:	178	Resp:	7900
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.8	20.8
176	20.5	16.6	25.0

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Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#16

Anthracene

Concen: 0.178 ng/ul

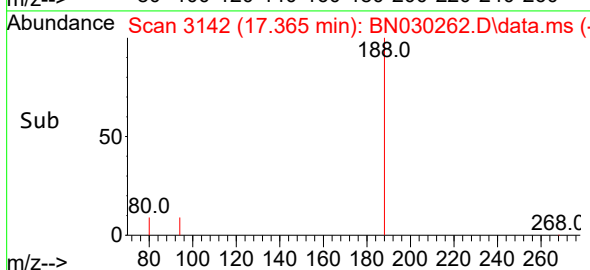
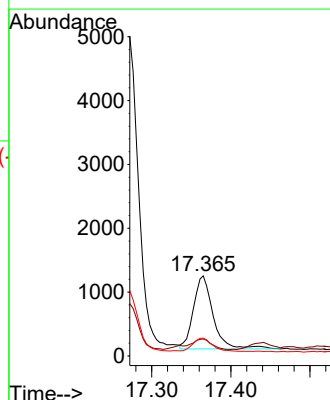
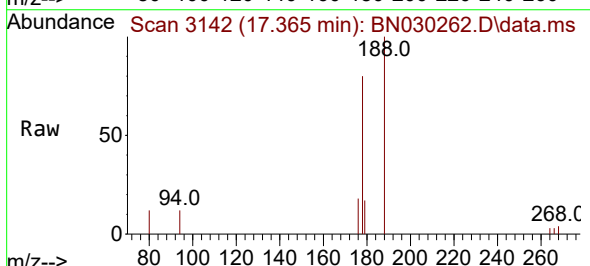
RT: 17.365 min Scan# 3142

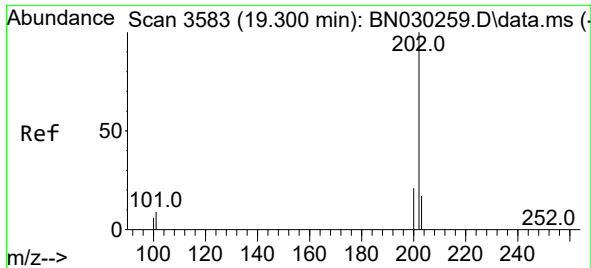
Delta R.T. -0.009 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

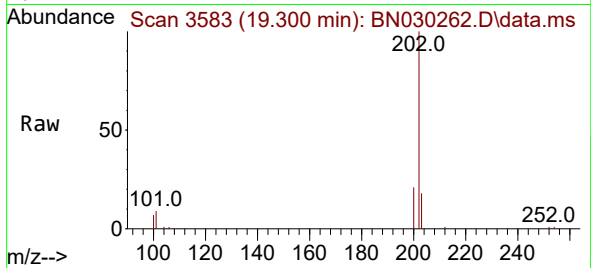
Tgt Ion:	178	Resp:	1979
Ion Ratio	Lower	Upper	
178	100		
179	21.1	14.8	22.2
176	22.2	17.8	26.6





#19
Fluoranthene
Concen: 1.013 ng/ul
RT: 19.300 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

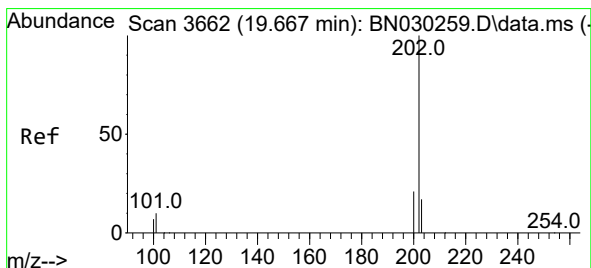
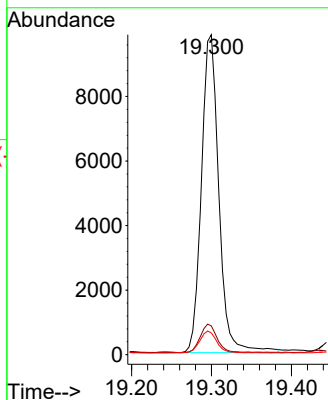
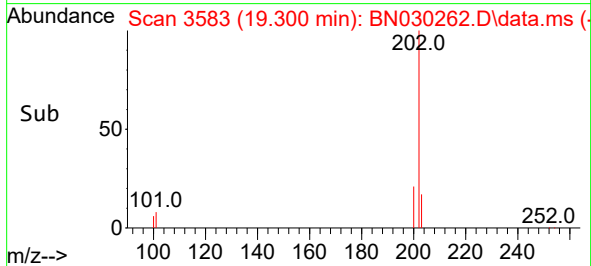
Instrument :
BNA_N
ClientSampleId :
E0S90DL



Tgt Ion:202 Resp: 14919
Ion Ratio Lower Upper
202 100
101 9.0 8.8 13.2
100 6.8 7.4 11.2

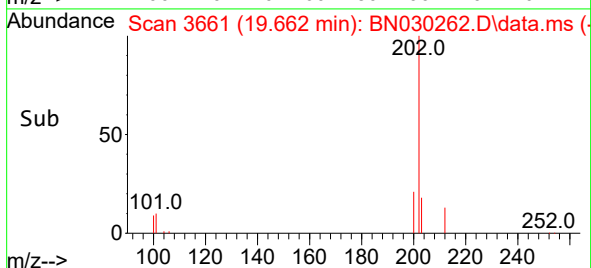
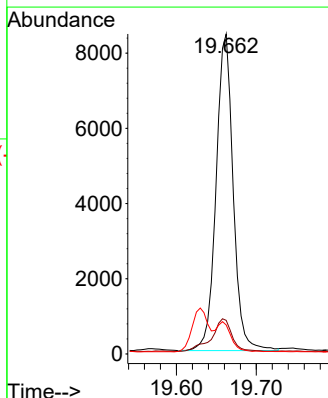
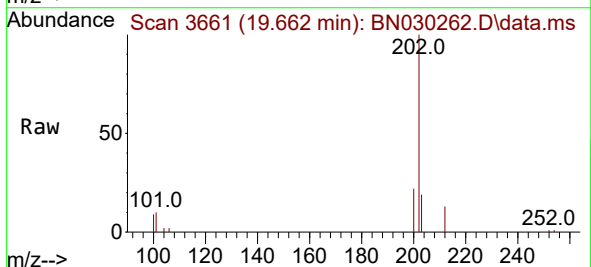
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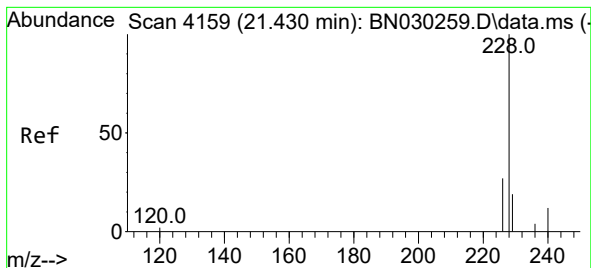
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#20
Pyrene
Concen: 0.780 ng/ul
RT: 19.662 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:202 Resp: 12484
Ion Ratio Lower Upper
202 100
101 10.5 10.6 15.8#
100 9.0 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.542 ng/ul

RT: 21.426 min Scan# 4159

Delta R.T. -0.000 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

Instrument :

BNA_N

ClientSampleId :

E0S90DL

Tgt Ion:228 Resp: 635

Ion Ratio Lower Upper

228 100

229 23.2 16.6 24.8

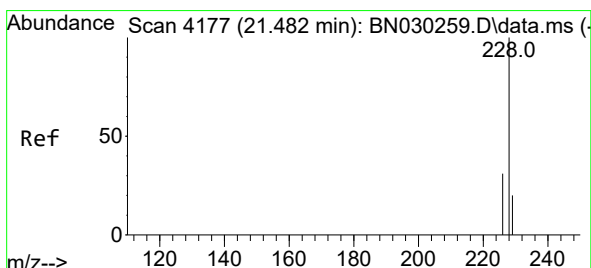
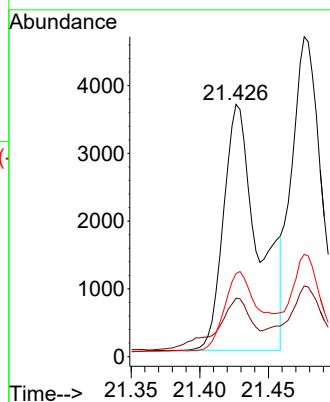
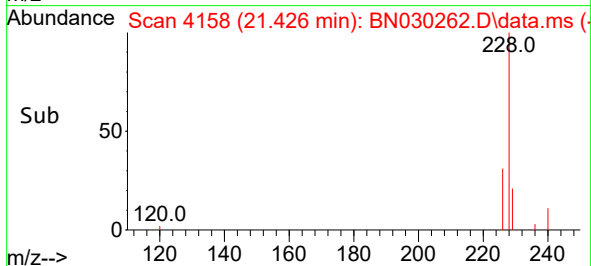
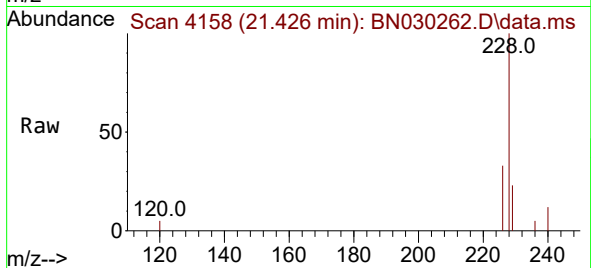
226 33.0 23.7 35.5

Manual Integrations

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Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#22

Chrysene

Concen: 0.503 ng/ul

RT: 21.476 min Scan# 4175

Delta R.T. -0.003 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

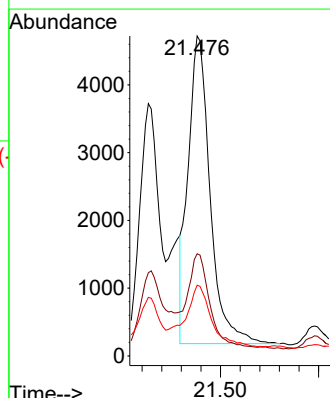
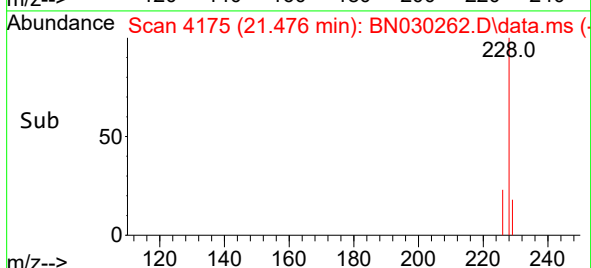
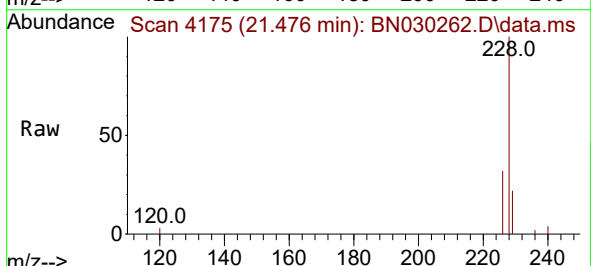
Tgt Ion:228 Resp: 7078

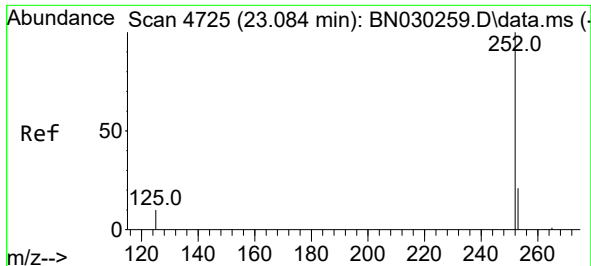
Ion Ratio Lower Upper

228 100

226 31.9 24.6 37.0

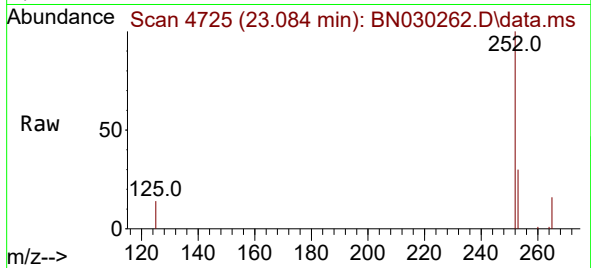
229 22.1 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.762 ng/ul m
RT: 23.084 min Scan# 4725
Delta R.T. -0.000 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

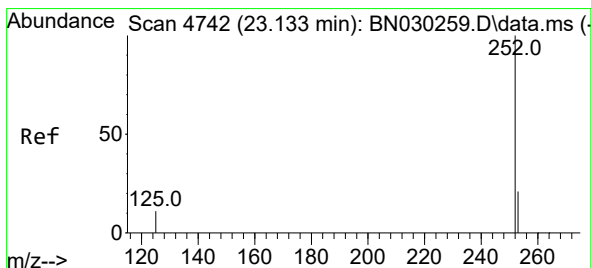
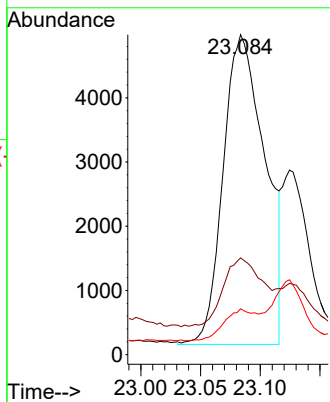
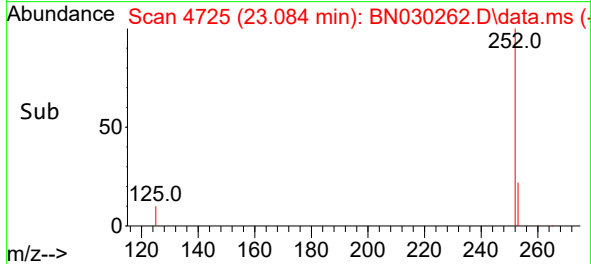
Instrument :
BNA_N
ClientSampleId :
E0S90DL



Tgt Ion:252 Resp: 11729
Ion Ratio Lower Upper
252 100
253 30.3 0.0 69.4
125 14.3 0.0 32.8

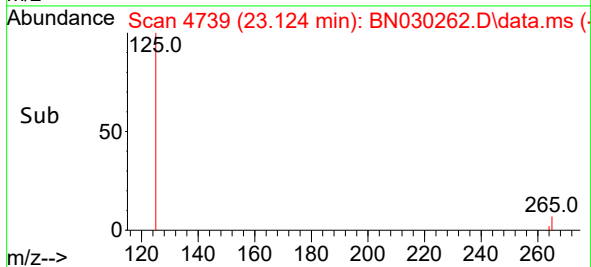
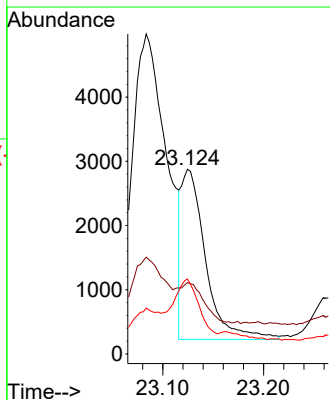
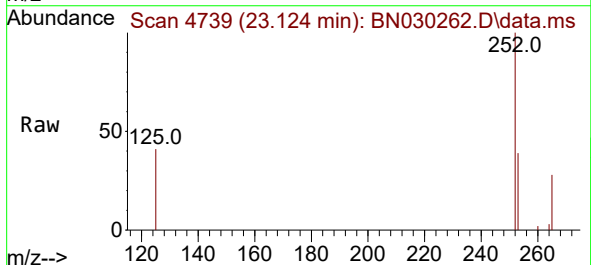
Manual Integrations
APPROVED

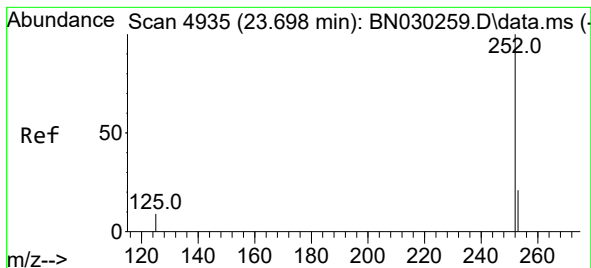
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.244 ng/ul m
RT: 23.124 min Scan# 4739
Delta R.T. -0.006 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:252 Resp: 4422
Ion Ratio Lower Upper
252 100
253 38.6 28.0 42.0
125 40.6 14.4 21.6#





#26

Benzo(a)pyrene

Concen: 0.436 ng/ul

RT: 23.689 min Scan# 4935

Delta R.T. -0.006 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

Instrument :

BN030262.D

ClientSampleId :

EO590DL

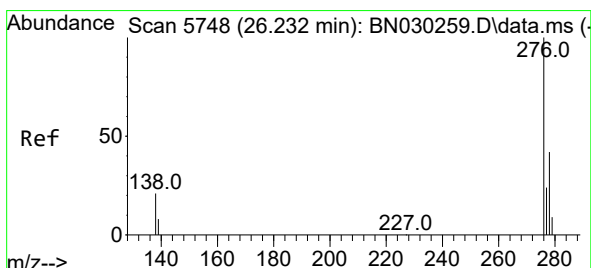
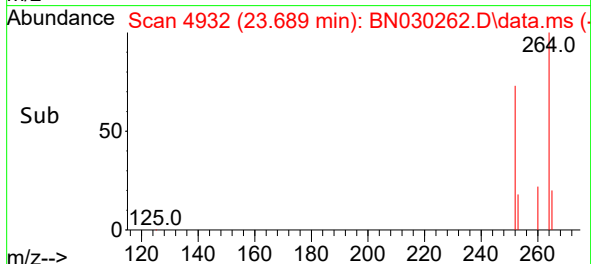
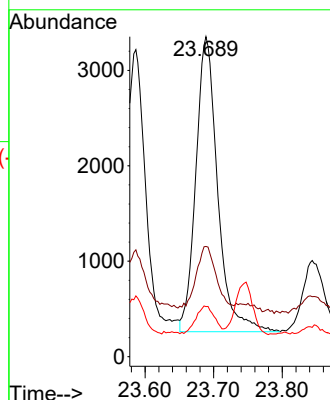
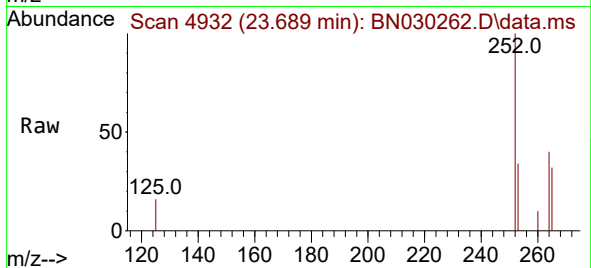
Tgt Ion:	252	Resp:	682
Ion Ratio	Lower	Upper	
252	100		
253	34.4	33.0	49.4
125	15.6	16.9	25.3

Manual Integrations

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Supervised By :mohammad ahmed 03/05/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/ul

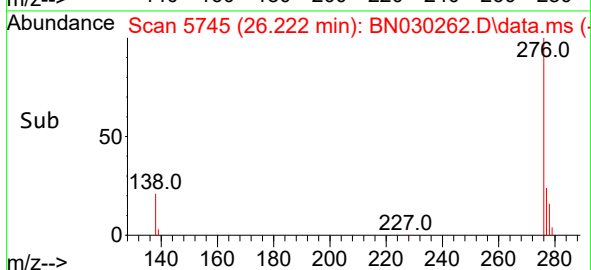
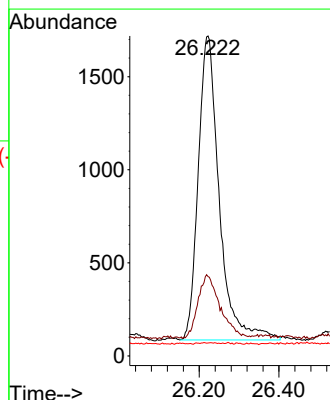
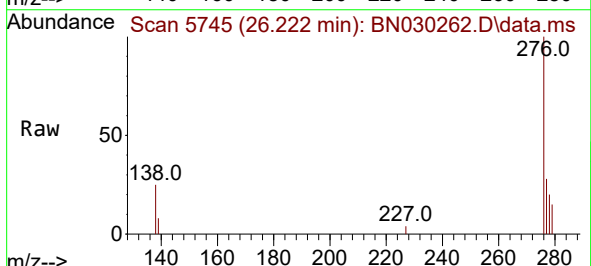
RT: 26.222 min Scan# 5745

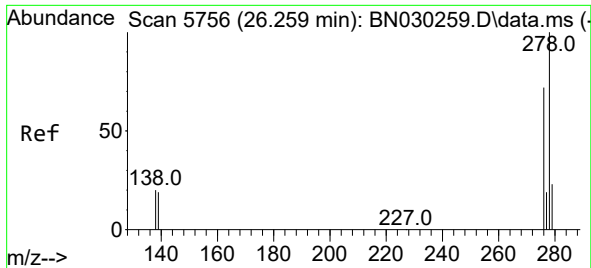
Delta R.T. 0.003 min

Lab File: BN030262.D

Acq: 04 Mar 2024 18:46

Tgt Ion:	276	Resp:	5971
Ion Ratio	Lower	Upper	
276	100		
138	22.5	20.9	31.3
227	0.2	0.1	0.1





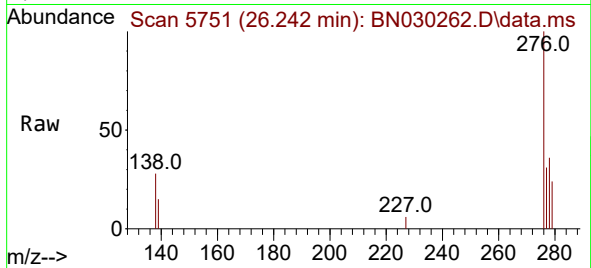
#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.242 min Scan# 5751
Delta R.T. -0.017 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Instrument :

BNA_N

ClientSampleId :

EOS90DL



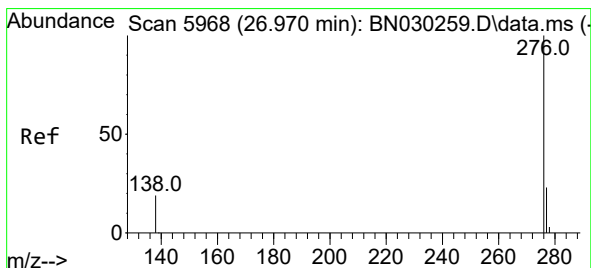
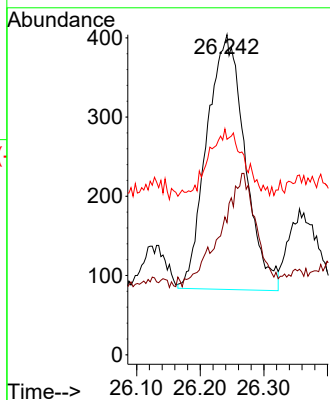
Tgt Ion:278 Resp: 1340
Ion Ratio Lower Upper
278 100
139 41.3 18.9 28.3
279 67.3 31.8 47.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2024

Supervised By :mohammad ahmed 03/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 26.960 min Scan# 5965
Delta R.T. -0.007 min
Lab File: BN030262.D
Acq: 04 Mar 2024 18:46

Tgt Ion:276 Resp: 5432
Ion Ratio Lower Upper
276 100
138 25.0 22.6 33.8
277 27.1 21.9 32.9

