

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026960.D
 Acq On : 18 Aug 2023 15:32
 Operator : MA/JU
 Sample : 03965-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 17:22:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	6993	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	21544	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	12906	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	29016	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	25438	0.400	ng/ul	0.00
23) Perylene-d12	24.199	264	25244	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4313	0.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1124	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	2957	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	3005	0.049	ng/ul#	91
7) 2-Methylnaphthalene	12.577	142	1114	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.792	142	841	0.022	ng/ul	99
10) Acenaphthylene	14.458	152	5163	0.071	ng/ul	96
11) Acenaphthene	14.791	153	2780	0.056	ng/ul	96
12) Fluorene	15.776	166	3385	0.060	ng/ul	98
15) Phenanthrene	17.519	178	94985	0.996	ng/ul	100
16) Anthracene	17.607	178	14736	0.171	ng/ul	98
19) Fluoranthene	19.524	202	264018	2.499	ng/ul	99
20) Pyrene	19.887	202	228798m	2.029	ng/ul	
21) Benzo(a)anthracene	21.635	228	97968	0.968	ng/ul	100
22) Chrysene	21.691	228	136172	1.364	ng/ul	99
24) Benzo(b)fluoranthene	23.410	252	198781m	2.082	ng/ul	
25) Benzo(k)fluoranthene	23.456	252	71119m	0.755	ng/ul	
26) Benzo(a)pyrene	24.082	252	113948	1.323	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.887	276	92813	0.823	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.904	278	19766	0.220	ng/ul	92
29) Benzo(g,h,i)perylene	27.726	276	87402	0.931	ng/ul	99

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

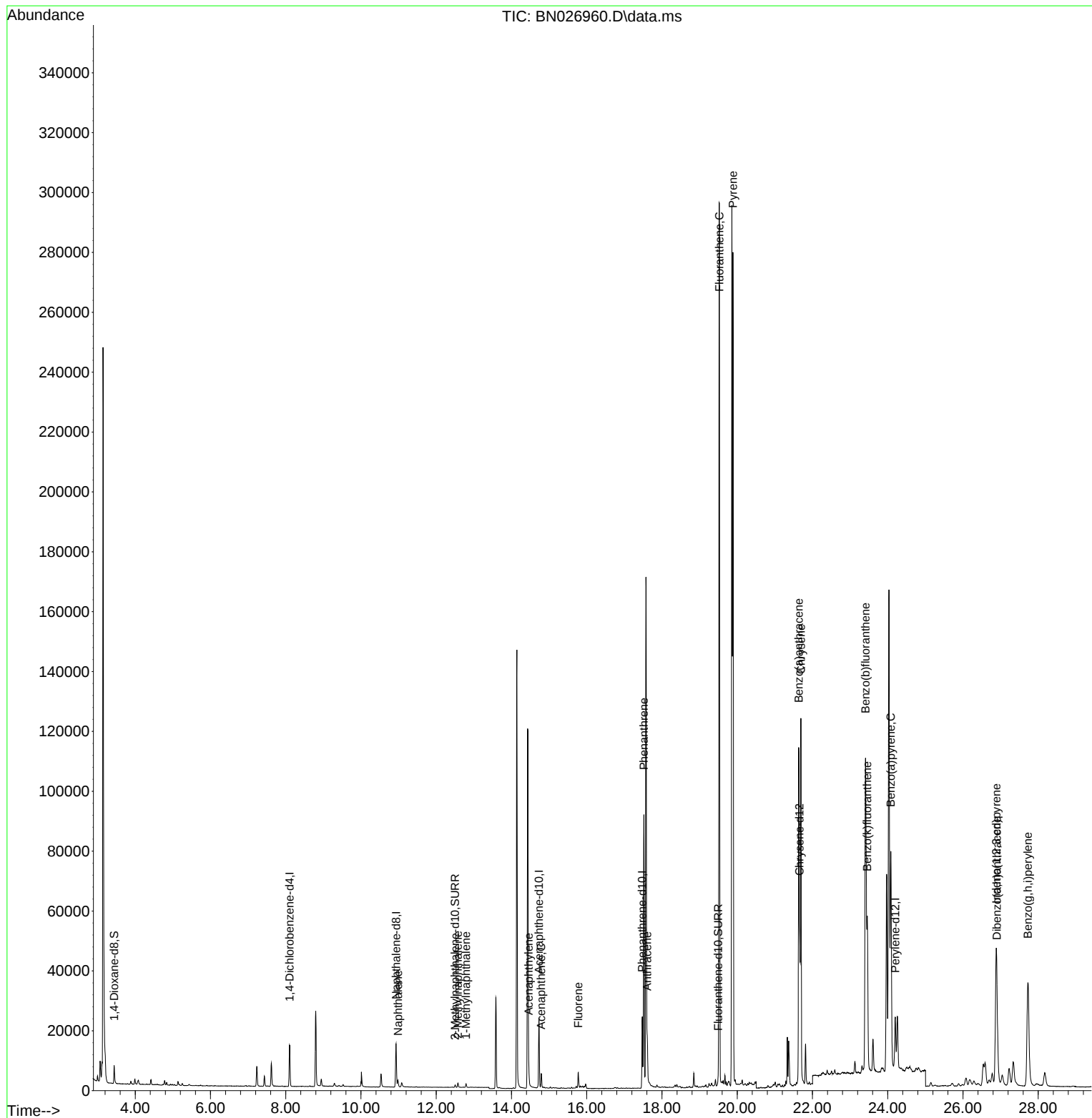
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026960.D
Acq On : 18 Aug 2023 15:32
Operator : MA/JU
Sample : 03965-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

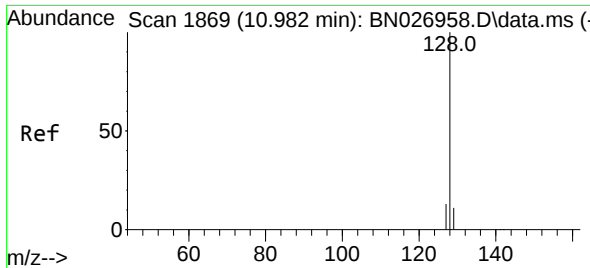
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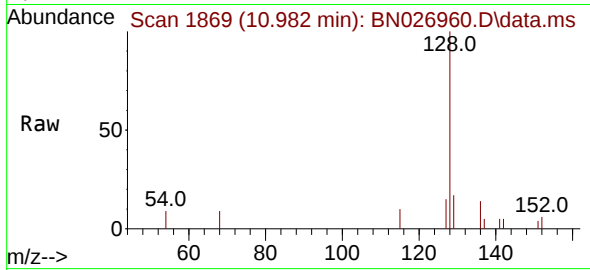
Quant Time: Aug 18 17:22:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

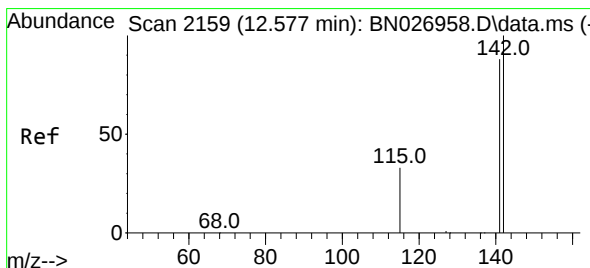
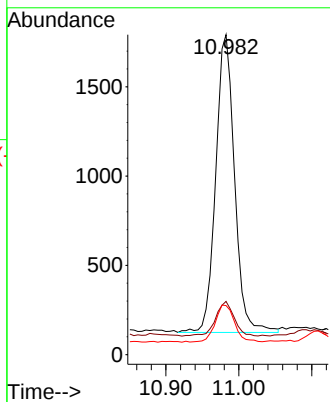
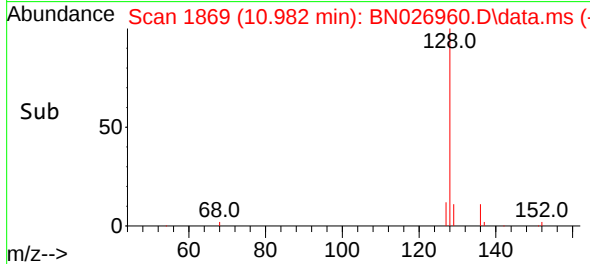
Instrument :
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ClientSampleId :
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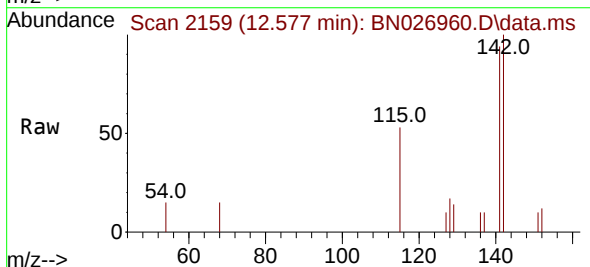
Tgt Ion:128 Resp: 3000
Ion Ratio Lower Upper
128 100
129 16.6 9.2 13.8
127 15.3 10.5 15.7

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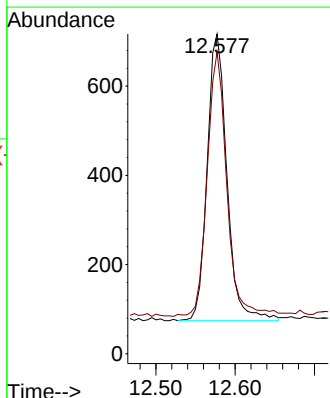
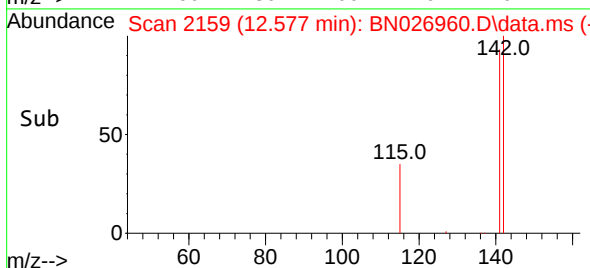
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

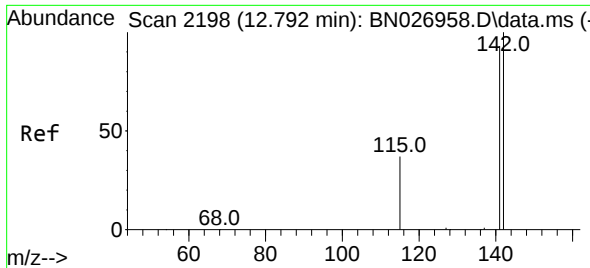


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32



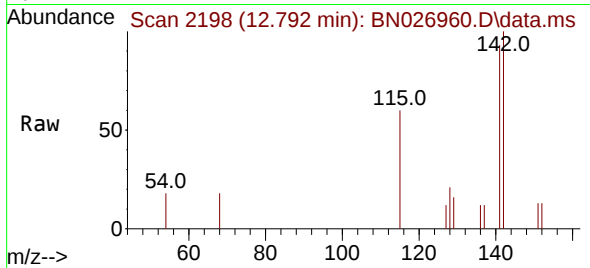
Tgt Ion:142 Resp: 1114
Ion Ratio Lower Upper
142 100
141 91.4 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

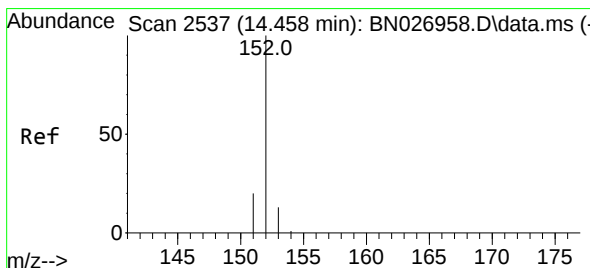
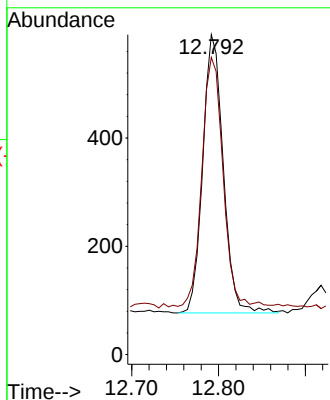
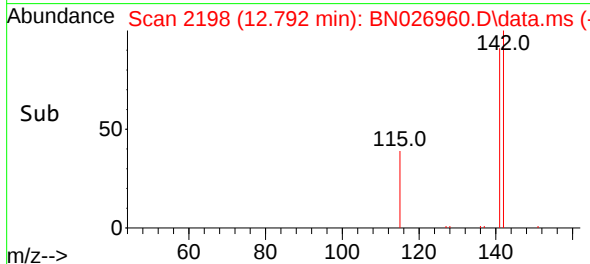
Instrument :
BNA_N
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Tgt Ion:142 Resp: 84
Ion Ratio Lower Upper
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141 92.0 73.2 109.8

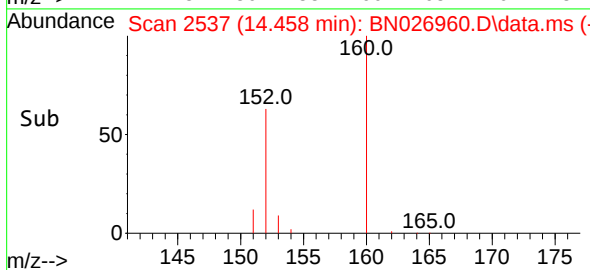
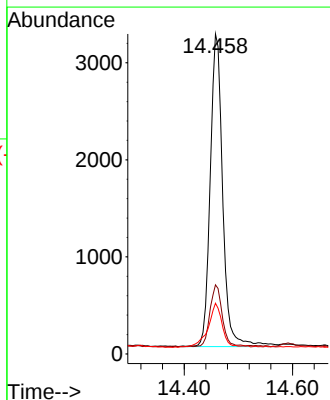
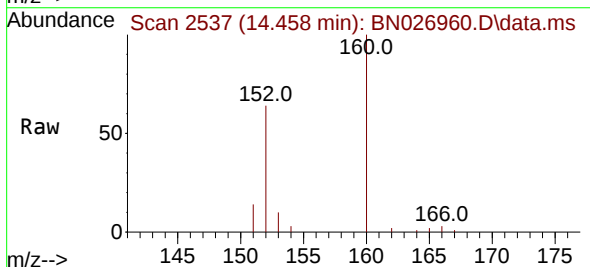
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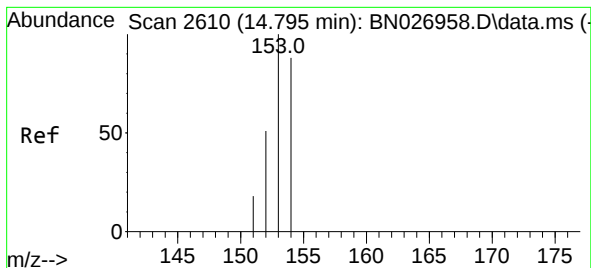
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Tgt Ion:152 Resp: 5163
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 15.8 11.0 16.6





#11

Acenaphthene

Concen: 0.056 ng/u1

RT: 14.791 min Scan# 2609

Delta R.T. 0.000 min

Lab File: BN026960.D

Acq: 18 Aug 2023 15:32

Instrument :

BNA_N

ClientSampleId :

A48H1DL

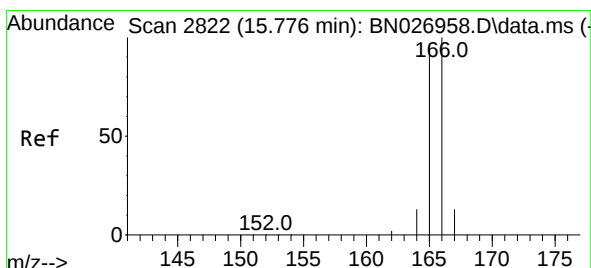
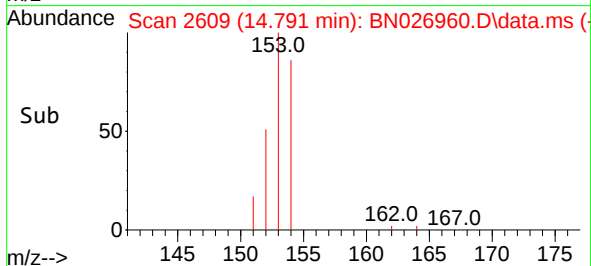
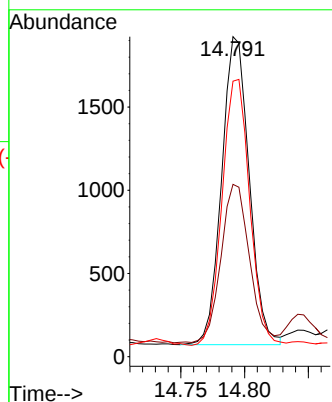
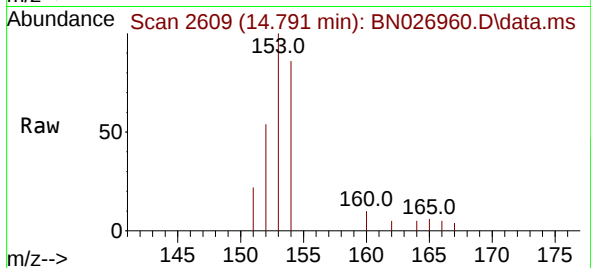
Tgt Ion:153	Resp:	2780
Ion Ratio	Lower	Upper
153	100	
152	53.8	41.1 61.7
154	86.1	71.6 107.4

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#12

Fluorene

Concen: 0.060 ng/u1

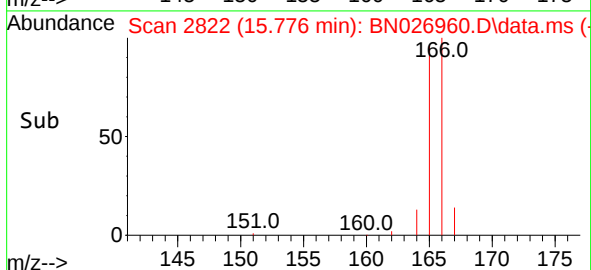
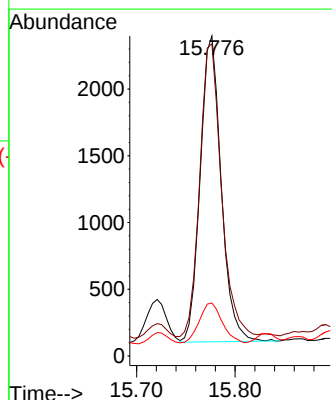
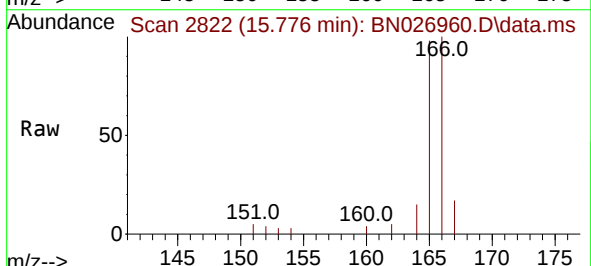
RT: 15.776 min Scan# 2822

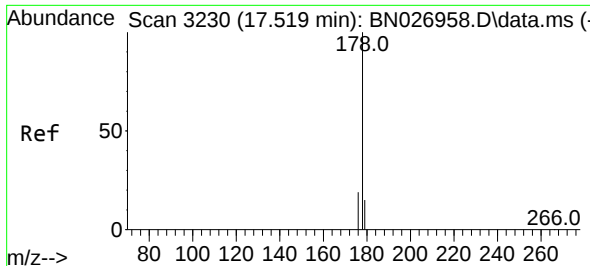
Delta R.T. 0.005 min

Lab File: BN026960.D

Acq: 18 Aug 2023 15:32

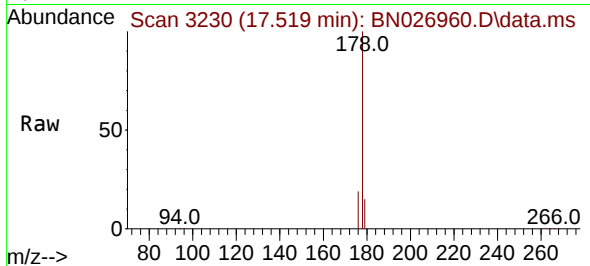
Tgt Ion:166	Resp:	3385
Ion Ratio	Lower	Upper
166	100	
165	97.5	79.1 118.7
167	16.6	11.4 17.0





#15
Phenanthrene
Concen: 0.996 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

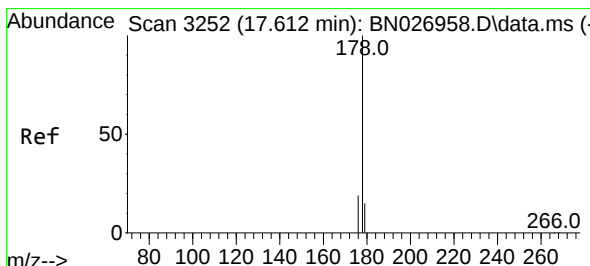
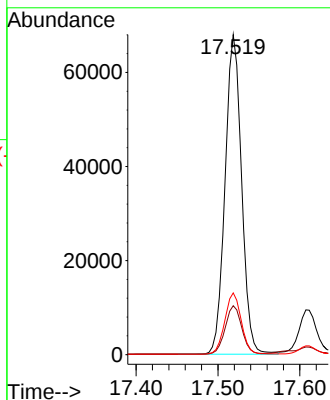
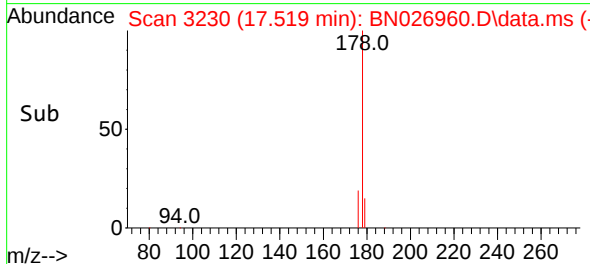
Instrument :
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ClientSampleId :
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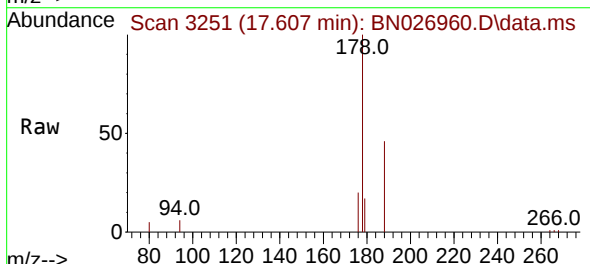
Tgt Ion:178 Resp: 9498
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.3 15.4 23.2

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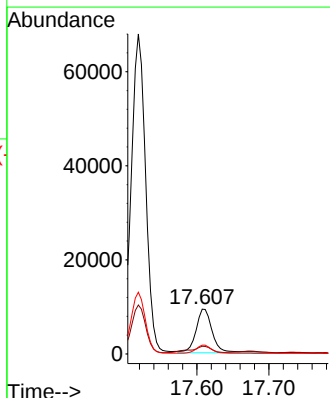
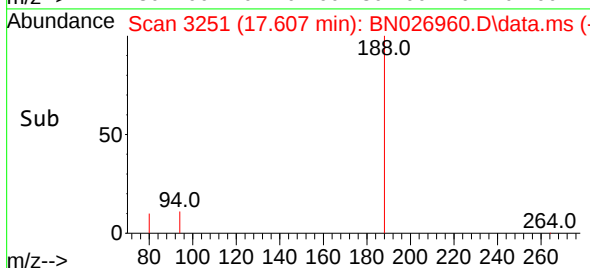
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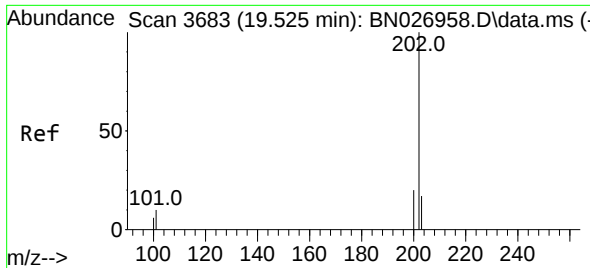


#16
Anthracene
Concen: 0.171 ng/ul
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32



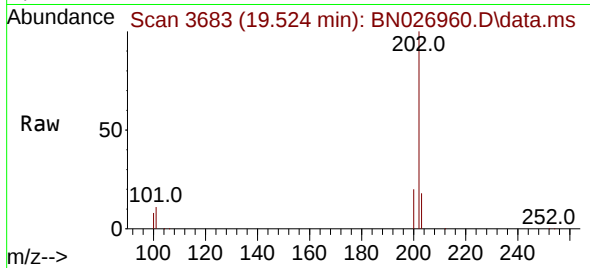
Tgt Ion:178 Resp: 14736
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 19.5 15.0 22.6





#19
Fluoranthene
Concen: 2.499 ng/ul
RT: 19.524 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

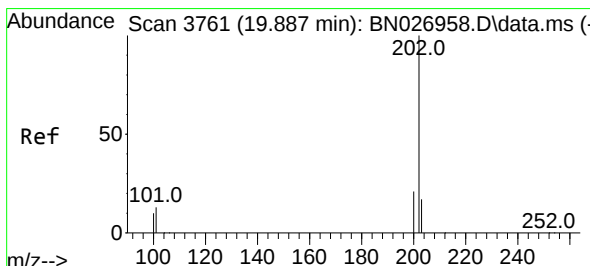
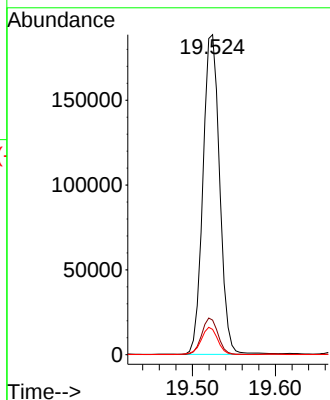
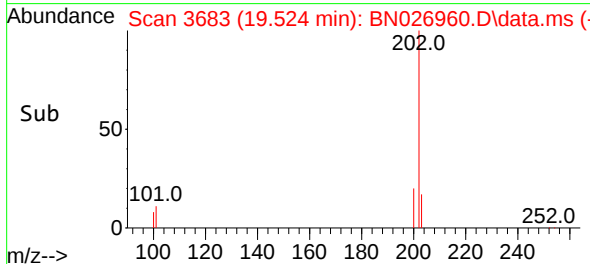
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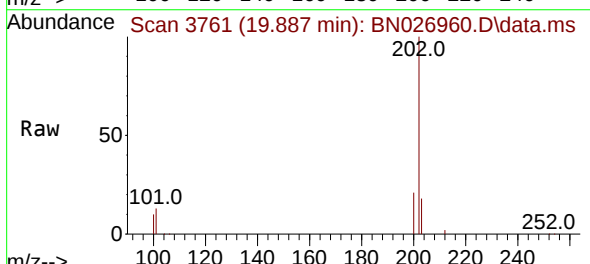
Tgt Ion:202 Resp: 264018
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.9 6.2 9.2

Manual Integrations
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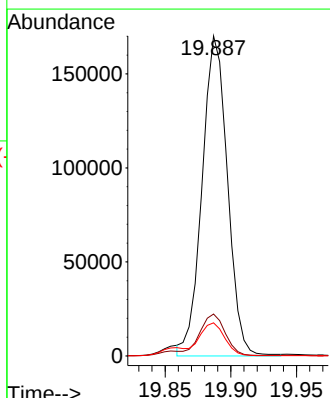
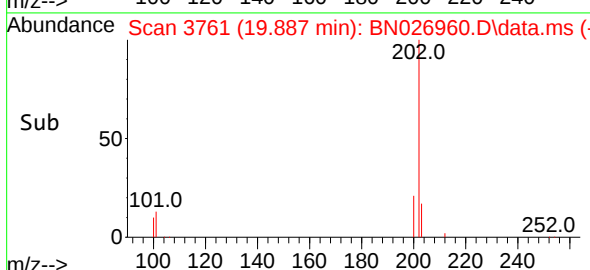
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

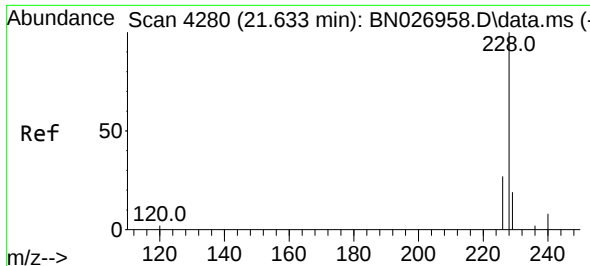


#20
Pyrene
Concen: 2.029 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32



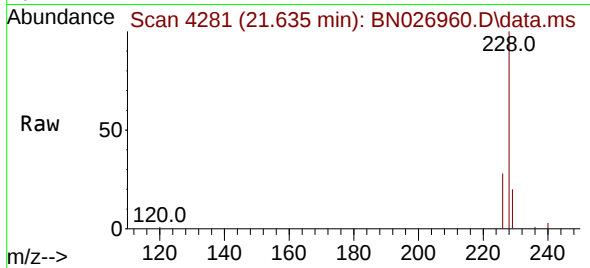
Tgt Ion:202 Resp: 228798
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.3 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.968 ng/ul
RT: 21.635 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

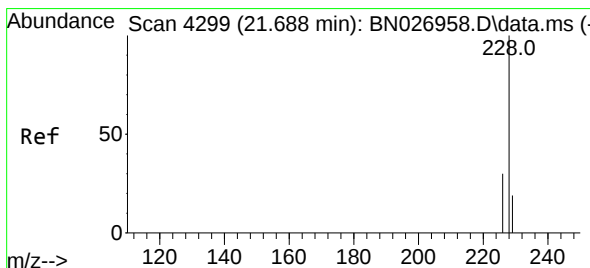
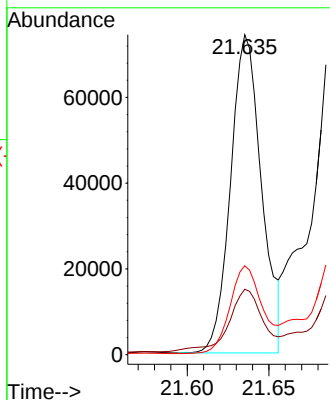
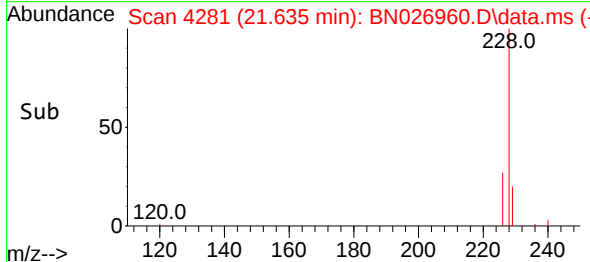
Instrument :
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Tgt Ion:228 Resp: 97968
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.8 22.2 33.2

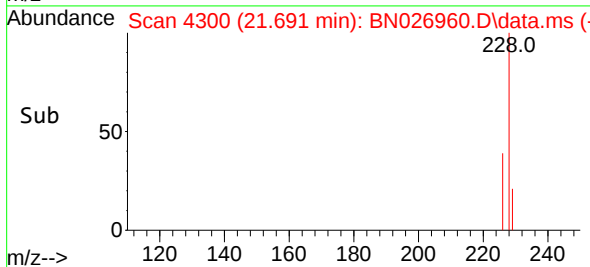
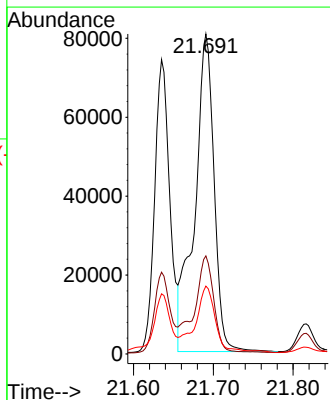
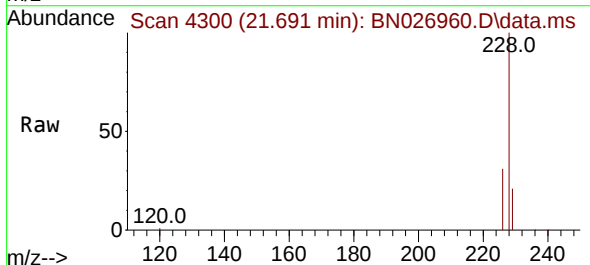
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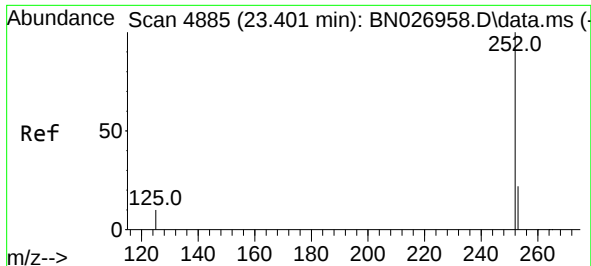
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#22
Chrysene
Concen: 1.364 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.000 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

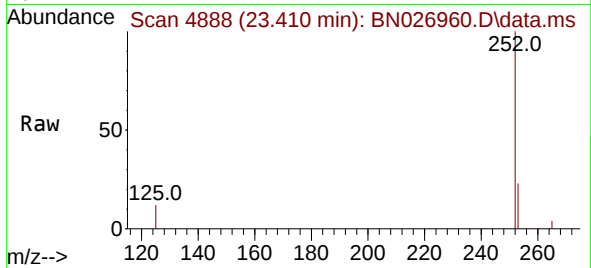
Tgt Ion:228 Resp: 136172
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.082 ng/ul m
RT: 23.410 min Scan# 4888
Delta R.T. 0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

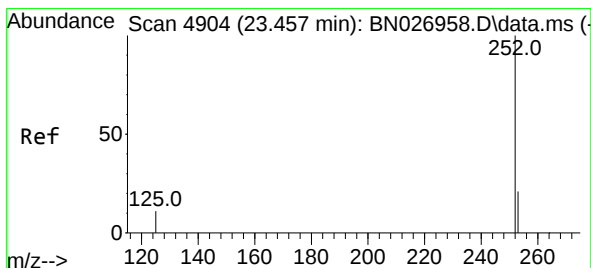
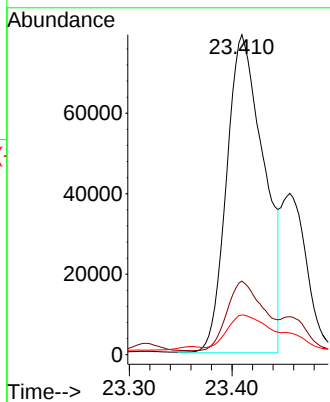
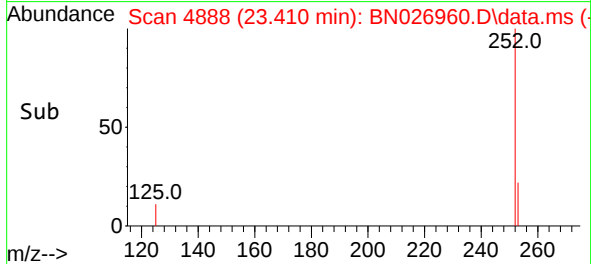
Instrument :
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Tgt Ion:252 Resp: 19878
Ion Ratio Lower Upper
252 100
253 23.0 0.0 46.8
125 12.4 0.0 25.2

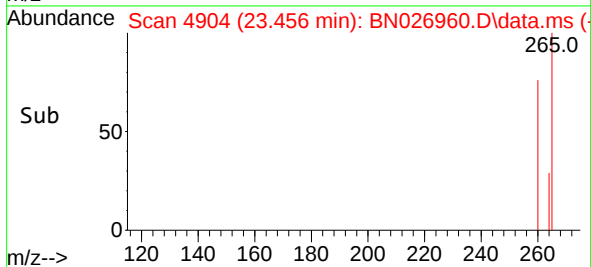
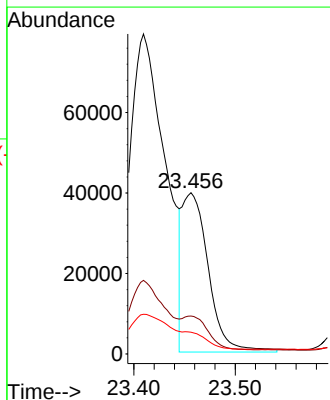
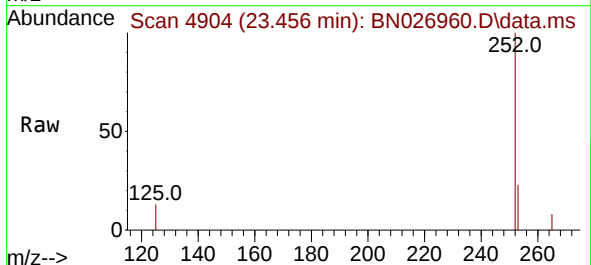
Manual Integrations
APPROVED

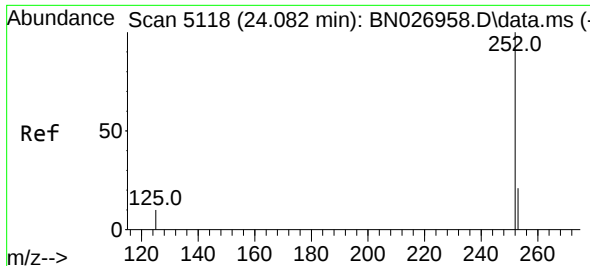
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.755 ng/ul m
RT: 23.456 min Scan# 4904
Delta R.T. -0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Tgt Ion:252 Resp: 71119
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 13.4 9.9 14.9





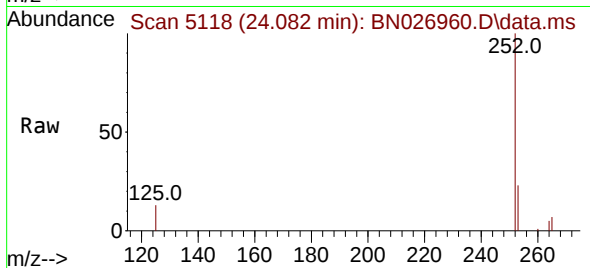
#26
Benzo(a)pyrene
Concen: 1.323 ng/ul
RT: 24.082 min Scan# 5118
Delta R.T. -0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Instrument :

BN026960.D

ClientSampleId :

A48H1DL

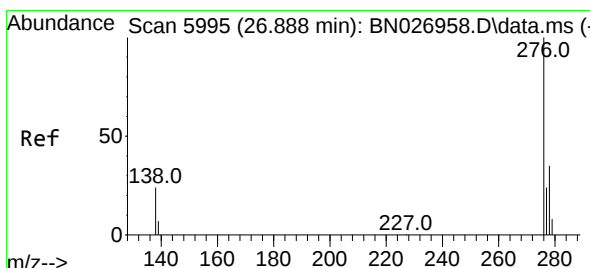
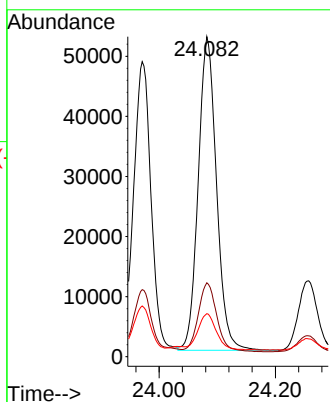
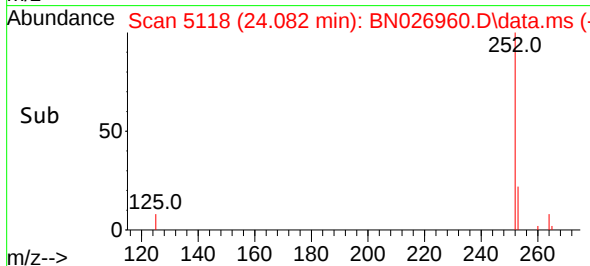


Tgt Ion:252 Resp: 113948
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 13.4 11.4 17.0

Manual Integrations

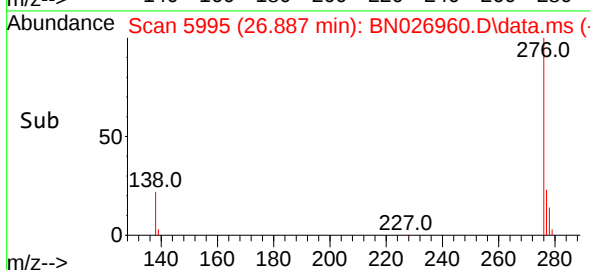
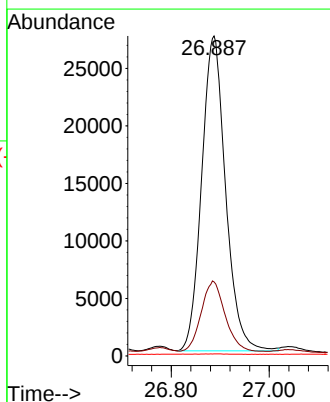
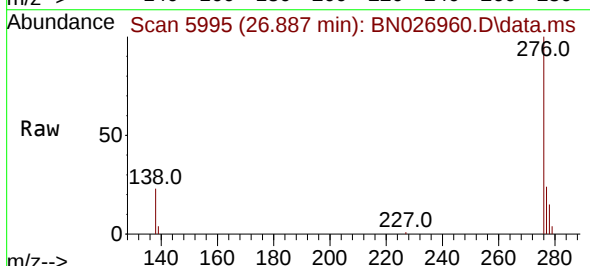
APPROVED

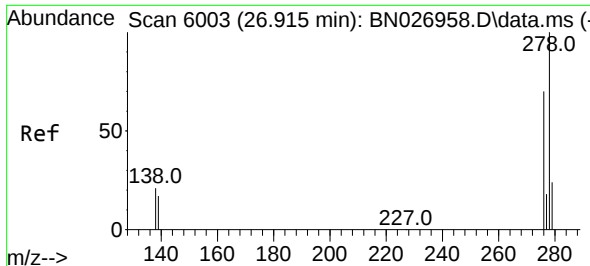
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.823 ng/ul
RT: 26.887 min Scan# 5995
Delta R.T. 0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Tgt Ion:276 Resp: 92813
Ion Ratio Lower Upper
276 100
138 22.1 21.6 32.4
227 0.0 0.0 0.0#





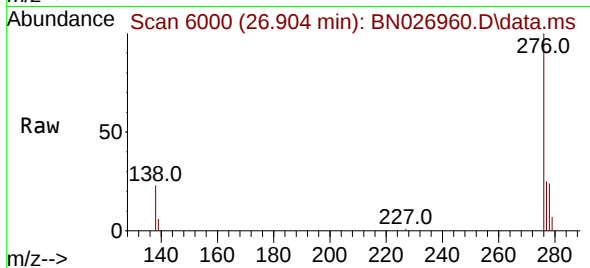
#28
Dibenzo(a,h)anthracene
Concen: 0.220 ng/ul
RT: 26.904 min Scan# 6000
Delta R.T. -0.018 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32

Instrument :

BNA_N

ClientSampleId :

A48H1DL



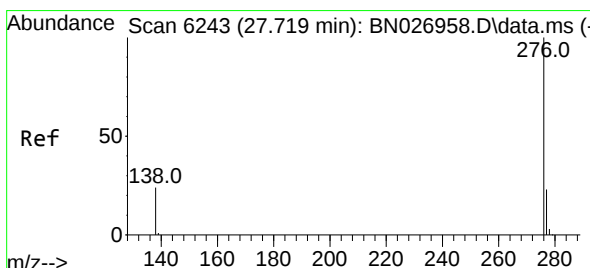
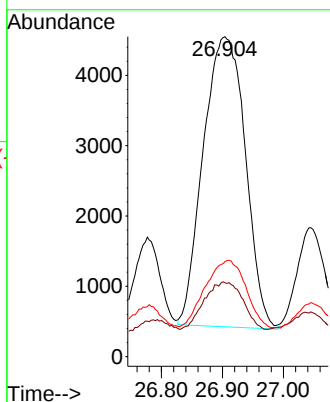
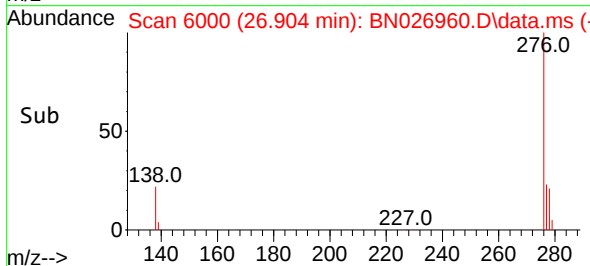
Tgt Ion:278 Resp: 19760
Ion Ratio Lower Upper
278 100
139 23.1 15.7 23.5
279 29.7 20.2 30.4

Manual Integrations

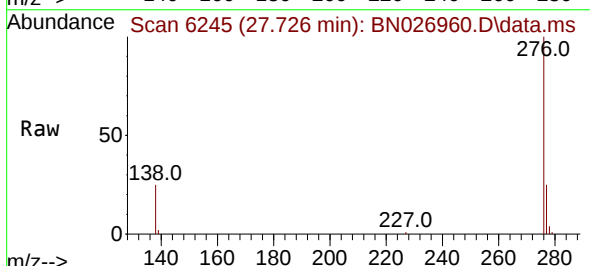
APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.931 ng/ul
RT: 27.726 min Scan# 6245
Delta R.T. 0.003 min
Lab File: BN026960.D
Acq: 18 Aug 2023 15:32



Tgt Ion:276 Resp: 87402
Ion Ratio Lower Upper
276 100
138 24.5 19.3 28.9
277 24.6 19.8 29.8

