

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026258.D
 Acq On : 04 Jul 2023 11:55
 Operator : MA/JU
 Sample : 03247-01DL 5X
 Misc :
 ALS Vial : 115 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGA9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 23:29:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8875	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	28099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	15615	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	28630	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	16950	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	19158	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6382	0.639	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1656	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2797	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	4650	0.058	ng/ul#	92
7) 2-Methylnaphthalene	12.426	142	1492	0.029	ng/ul	98
10) Acenaphthylene	14.311	152	3764	0.051	ng/ul#	90
15) Phenanthrene	17.381	178	12367	0.131	ng/ul	97
16) Anthracene	17.474	178	3433	0.041	ng/ul#	82
19) Fluoranthene	19.401	202	33545	0.371	ng/ul	98
20) Pyrene	19.763	202	28050	0.298	ng/ul	99
21) Benzo(a)anthracene	21.514	228	18096	0.259	ng/ul#	91
22) Chrysene	21.570	228	20903	0.287	ng/ul#	91
24) Benzo(b)fluoranthene	23.245	252	35773m	0.437	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	13530m	0.165	ng/ul	
26) Benzo(a)pyrene	23.885	252	22478	0.317	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.581	276	20318	0.262	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.581	278	5006	0.085	ng/ul#	33
29) Benzo(g,h,i)perylene	27.379	276	17924	0.260	ng/ul	92

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

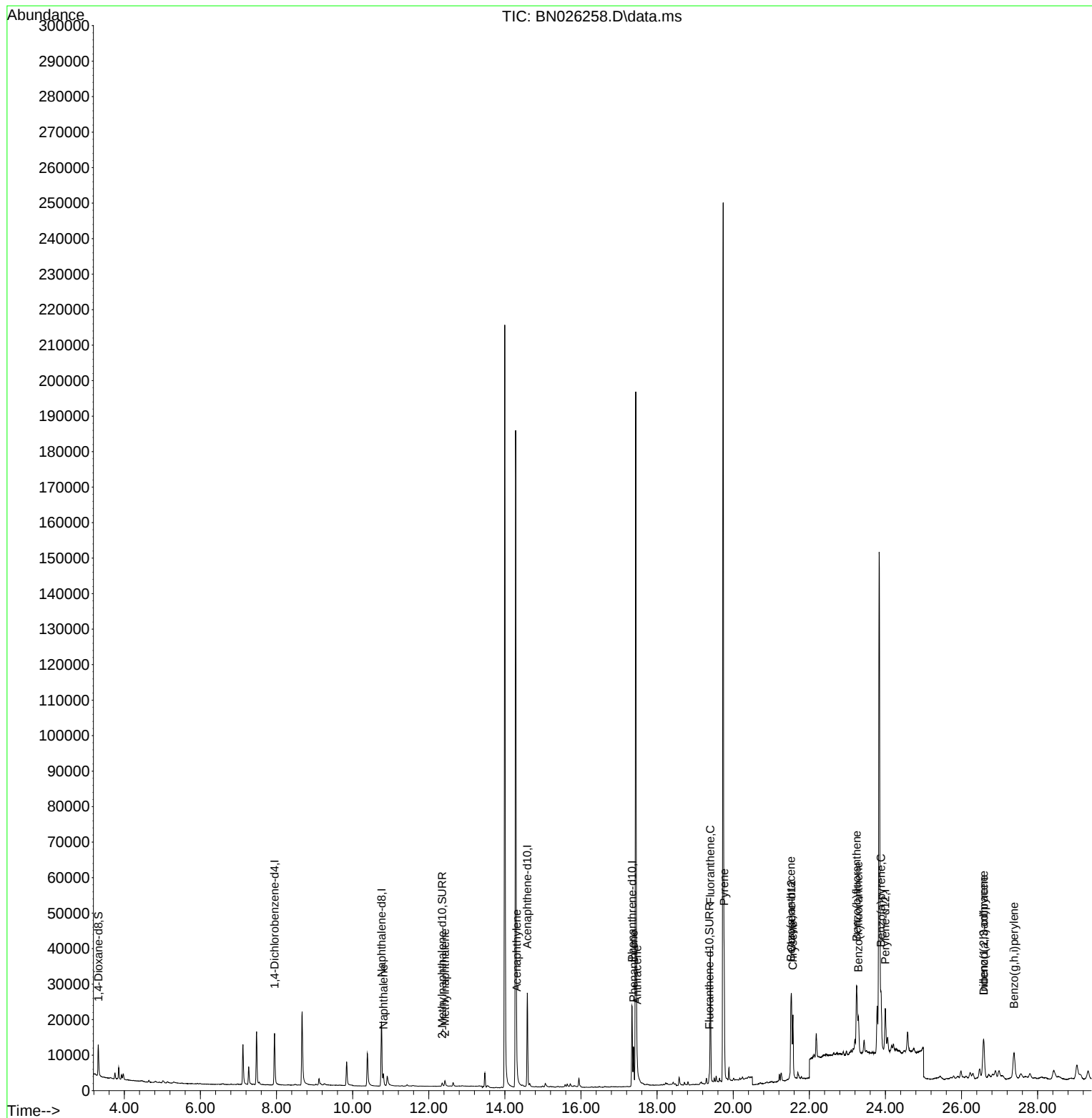
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026258.D
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ALS Vial : 115 Sample Multiplier: 1

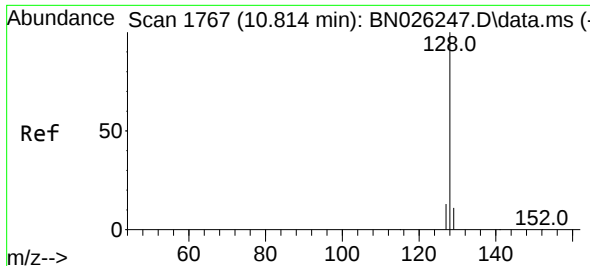
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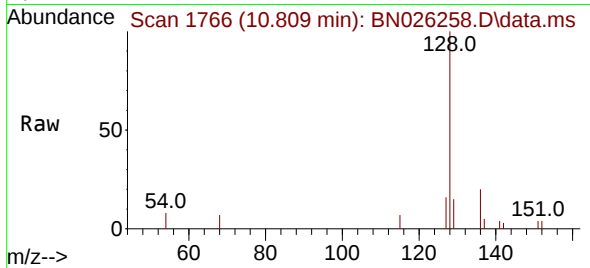
Quant Time: Jul 04 23:29:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55

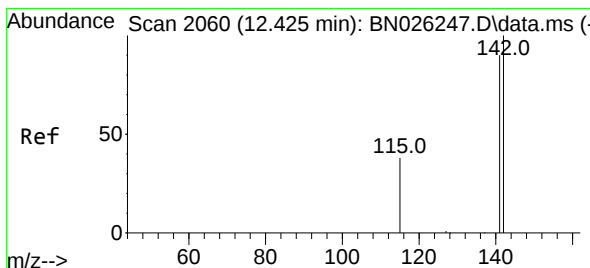
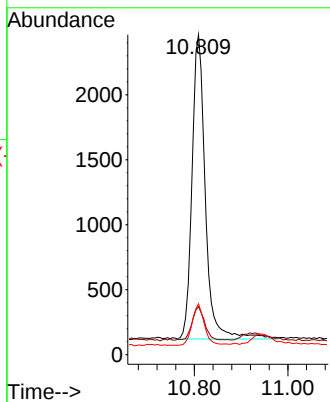
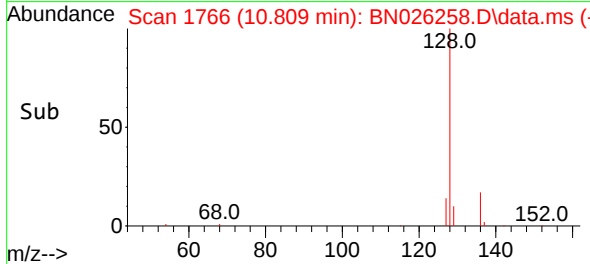
Instrument :
BNA_N
ClientSampleId :
DCGA9DL



Tgt Ion:128 Resp: 4650
Ion Ratio Lower Upper
128 100
129 15.0 9.1 13.7
127 15.9 10.7 16.1

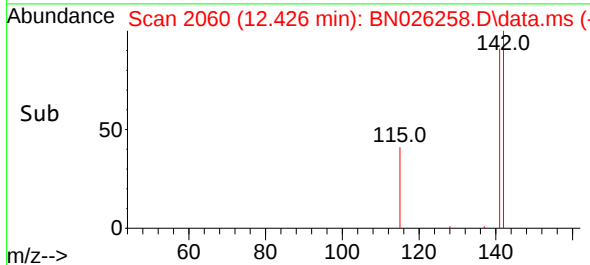
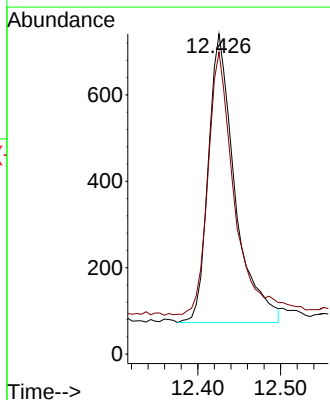
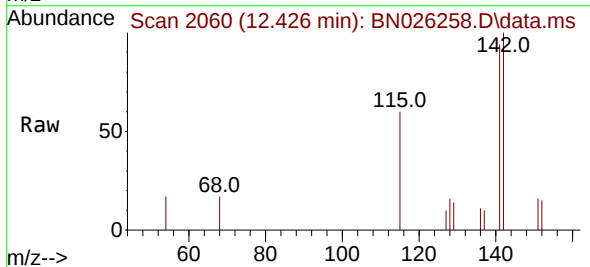
Manual Integrations
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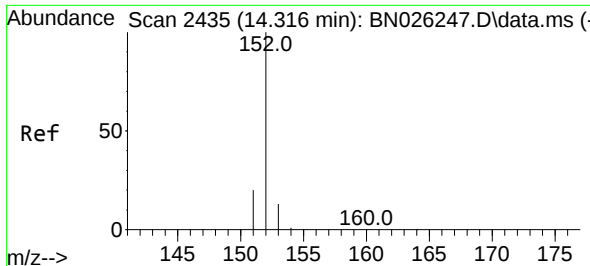
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.426 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55

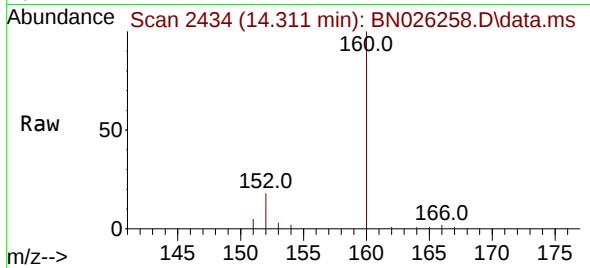
Tgt Ion:142 Resp: 1492
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55

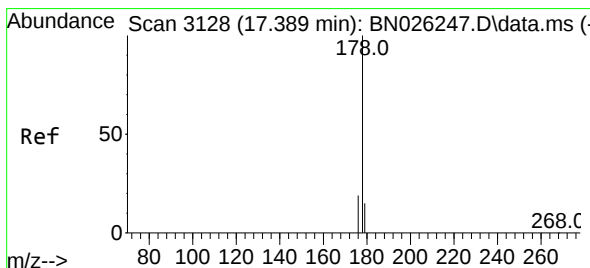
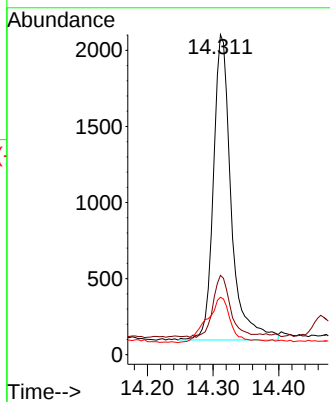
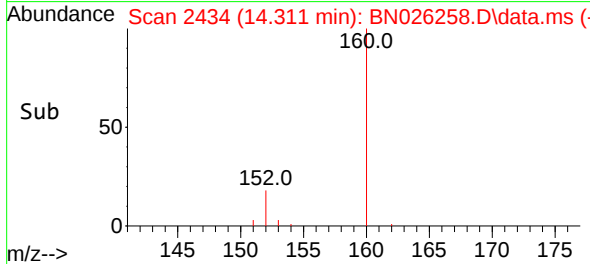
Instrument :
BNA_N
ClientSampleId :
DCGA9DL



Tgt Ion:152 Resp: 3764
Ion Ratio Lower Upper
152 100
151 24.8 16.2 24.4
153 18.0 10.9 16.3

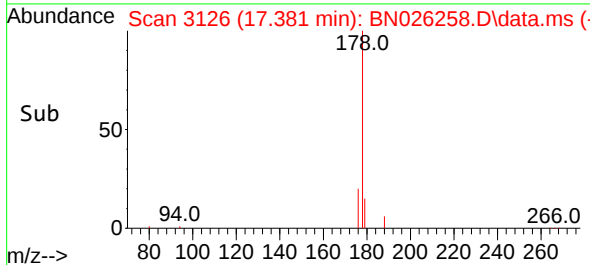
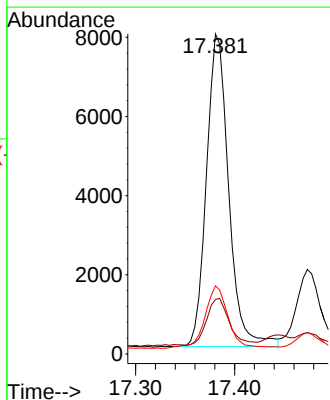
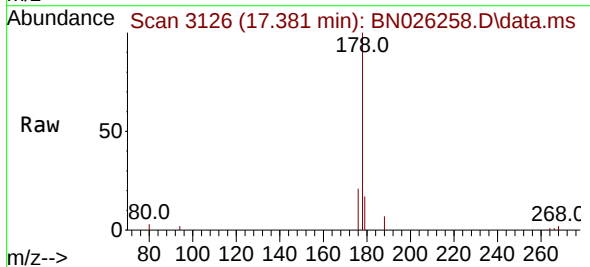
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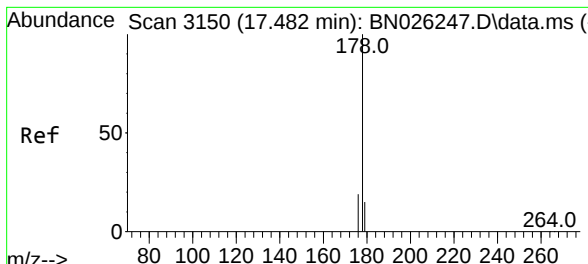
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.131 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55

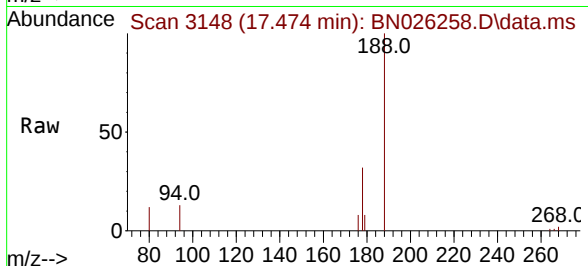
Tgt Ion:178 Resp: 12367
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 21.3 15.8 23.6





#16
 Anthracene
 Concen: 0.041 ng/ul
 RT: 17.474 min Scan# 3148
 Delta R.T. -0.008 min
 Lab File: BN026258.D
 Acq: 04 Jul 2023 11:55

Instrument :
 BNA_N
 ClientSampleId :
 DCGA9DL

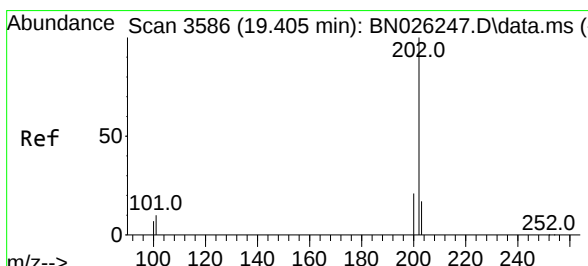
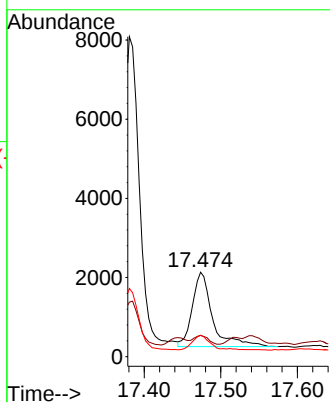
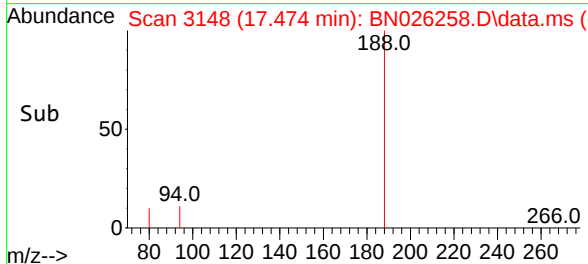


Tgt Ion:178 Resp: 343

Ion	Ratio	Lower	Upper
178	100		
179	25.3	12.6	18.8
176	25.3	15.1	22.7

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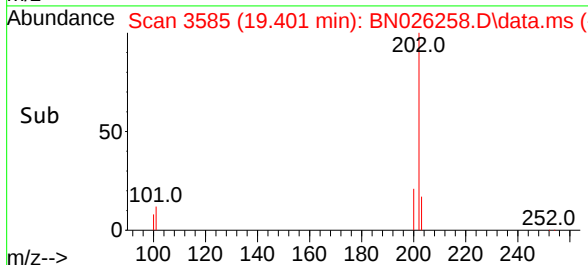
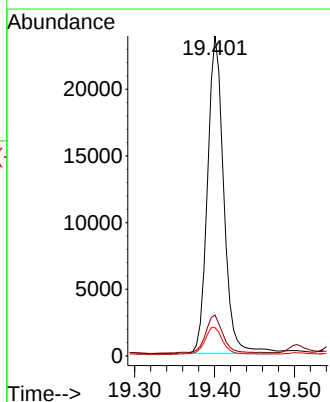
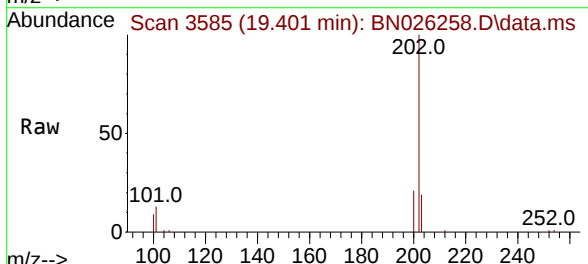
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

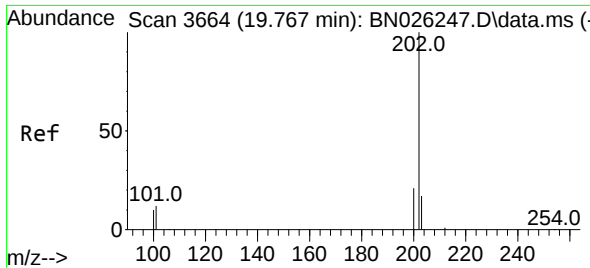


#19
 Fluoranthene
 Concen: 0.371 ng/ul
 RT: 19.401 min Scan# 3585
 Delta R.T. -0.005 min
 Lab File: BN026258.D
 Acq: 04 Jul 2023 11:55

Tgt Ion:202 Resp: 33545

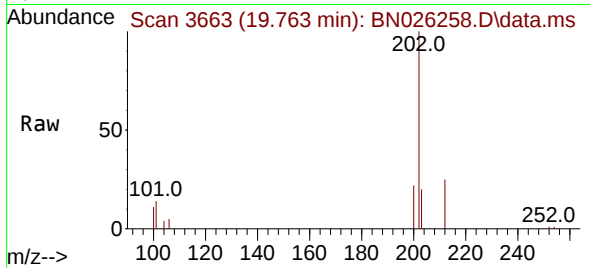
Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.5	14.3
100	8.8	7.3	10.9





#20
Pyrene
Concen: 0.298 ng/ul
RT: 19.763 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55

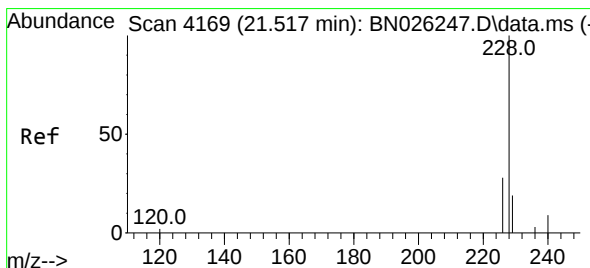
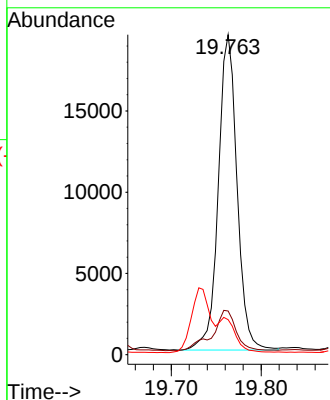
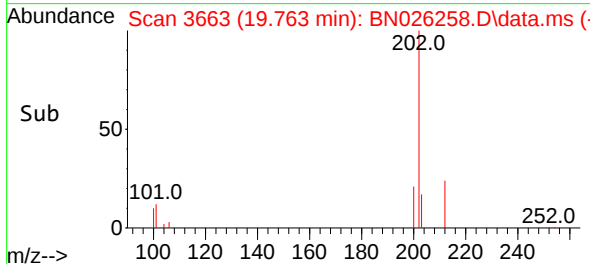
Instrument :
BNA_N
ClientSampleId :
DCGA9DL



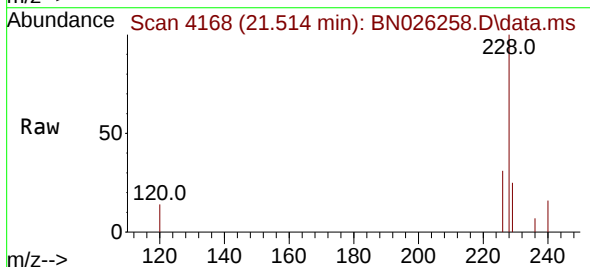
Tgt Ion:202 Resp: 28050
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.9 9.1 13.7

Manual Integrations
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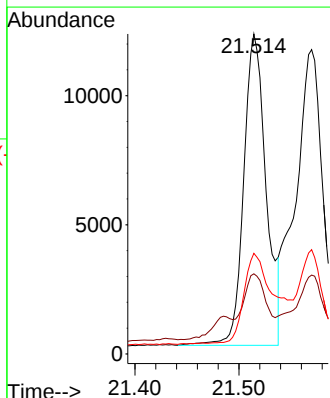
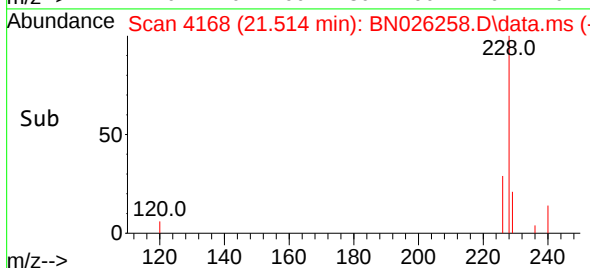
Reviewed By :Yogesh Patel 07/05/2023
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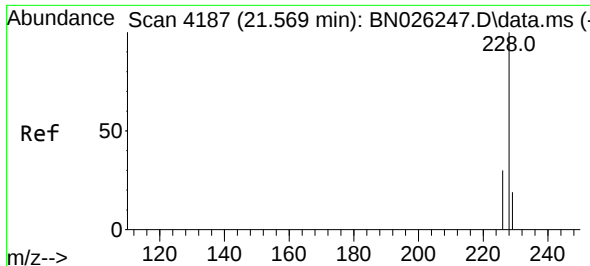


#21
Benzo(a)anthracene
Concen: 0.259 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55



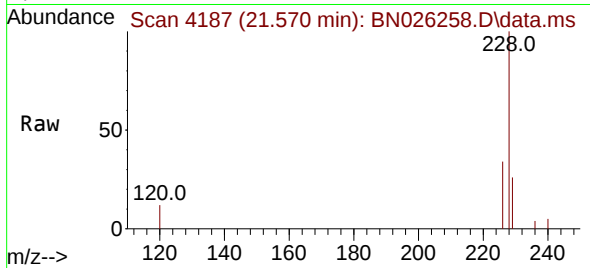
Tgt Ion:228 Resp: 18096
Ion Ratio Lower Upper
228 100
229 25.1 15.8 23.6#
226 31.5 22.5 33.7





#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55

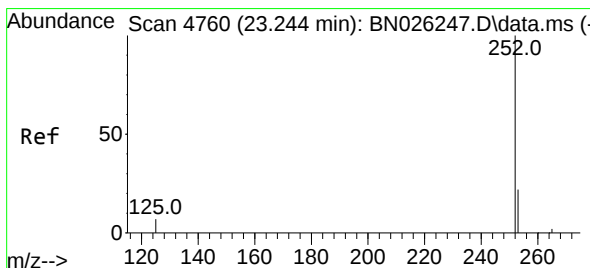
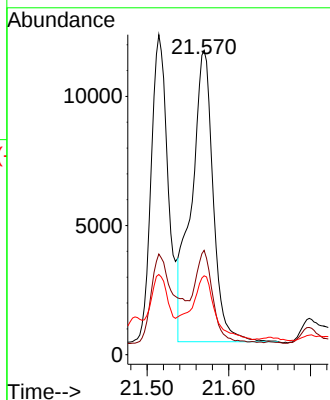
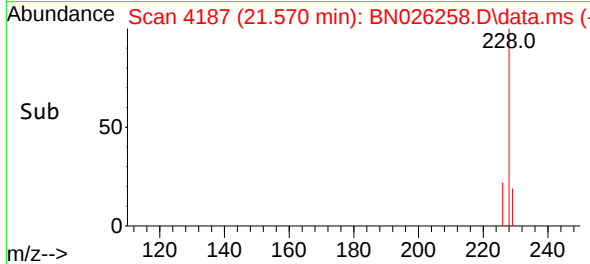
Instrument :
BNA_N
ClientSampleId :
DCGA9DL



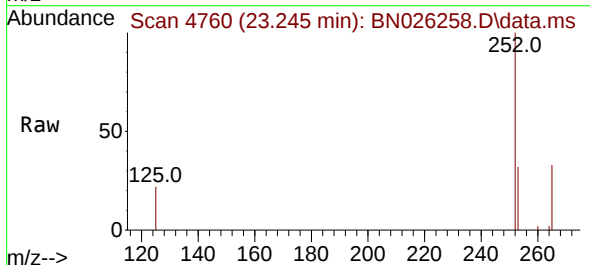
Tgt Ion:228 Resp: 2090
Ion Ratio Lower Upper
228 100
226 34.3 24.8 37.2
229 25.9 15.7 23.5

Manual Integrations
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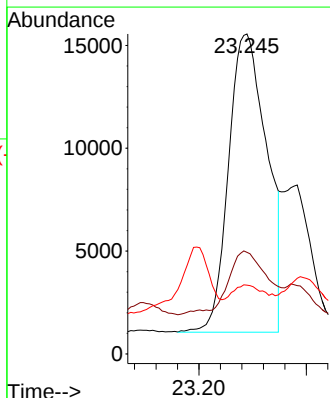
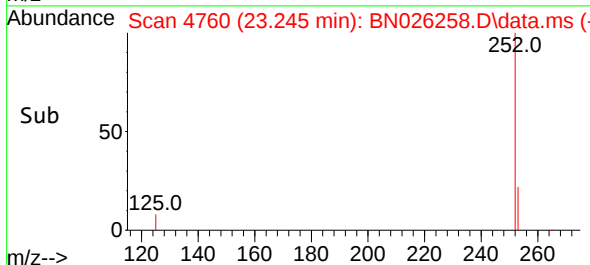
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

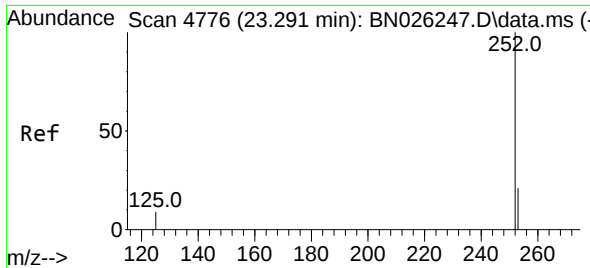


#24
Benzo(b)fluoranthene
Concen: 0.437 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55



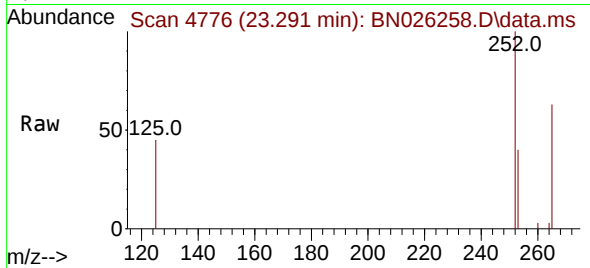
Tgt Ion:252 Resp: 35773
Ion Ratio Lower Upper
252 100
253 31.7 0.0 55.6
125 21.5 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.012 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55

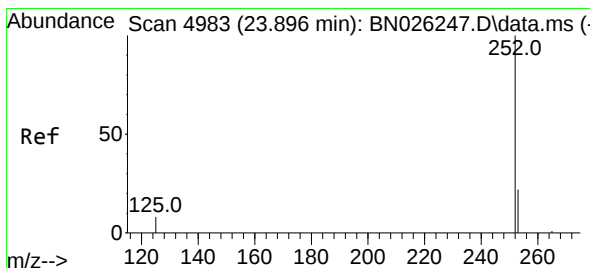
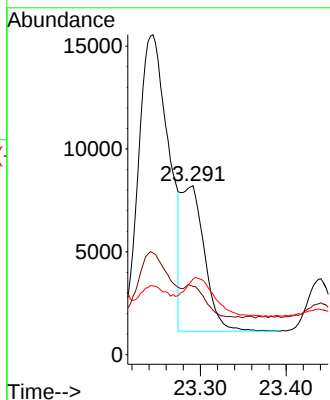
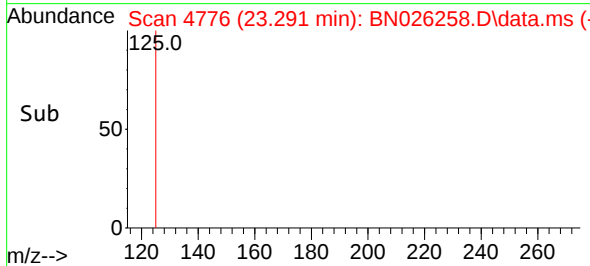
Instrument :
BNA_N
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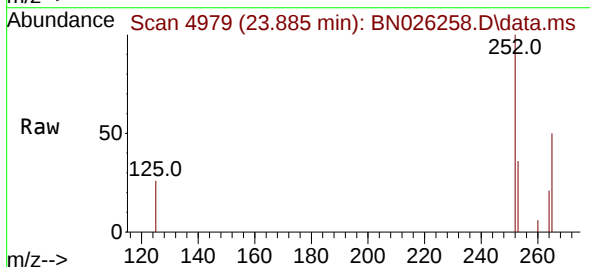
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Ion Ratio Lower Upper
252 100
253 40.4 23.2 34.8
125 44.8 15.0 22.4

Manual Integrations
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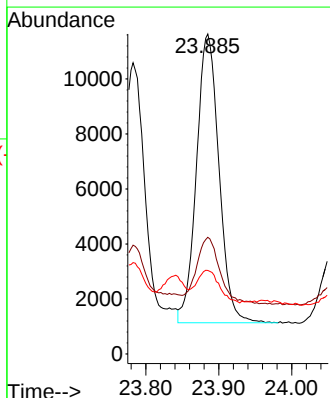
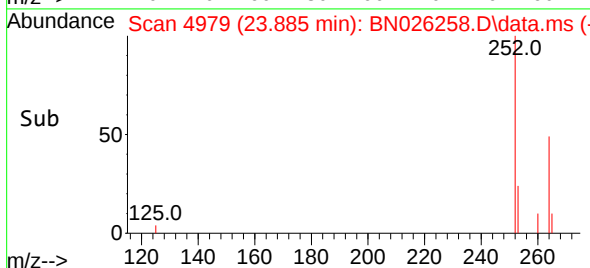
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

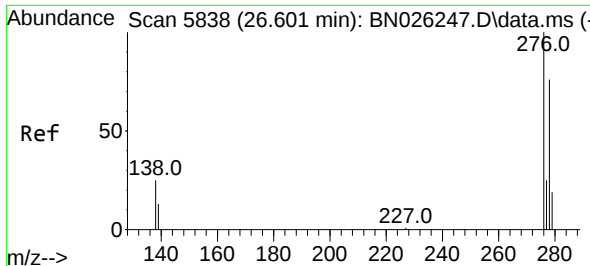


#26
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55



Tgt Ion:252 Resp: 22478
Ion Ratio Lower Upper
252 100
253 36.5 26.0 39.0
125 26.1 17.3 25.9





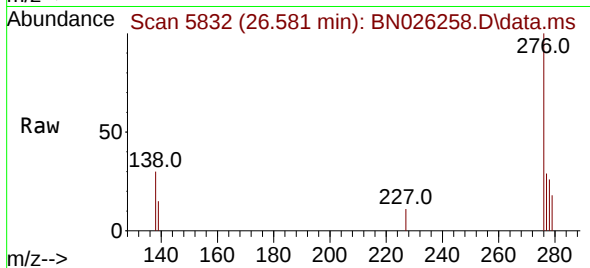
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.007 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55

Instrument :

BNA_N

ClientSampleId :

DCGA9DL



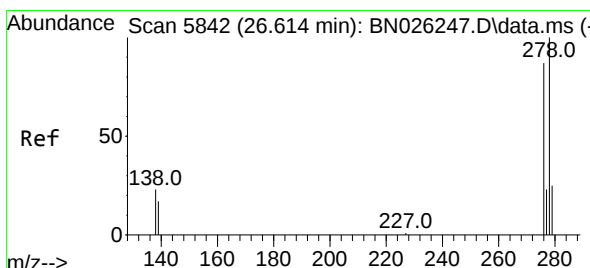
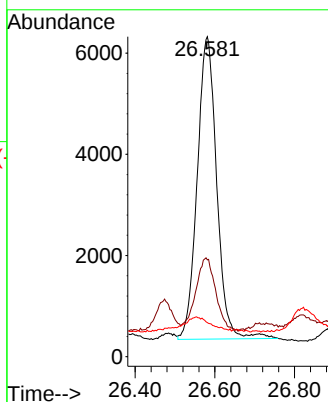
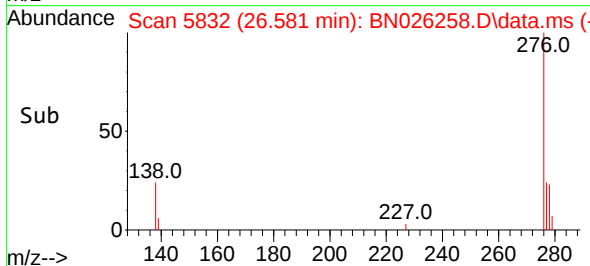
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Ion Ratio Lower Upper
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138 25.2 24.5 36.7
227 0.0 0.0 0.0

Manual Integrations

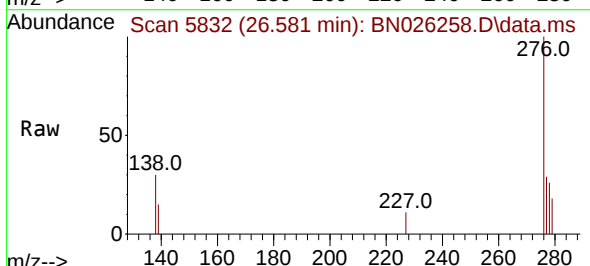
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Reviewed By :Yogesh Patel 07/05/2023

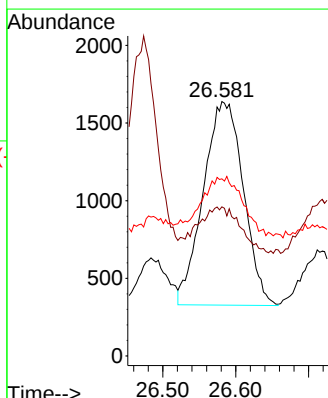
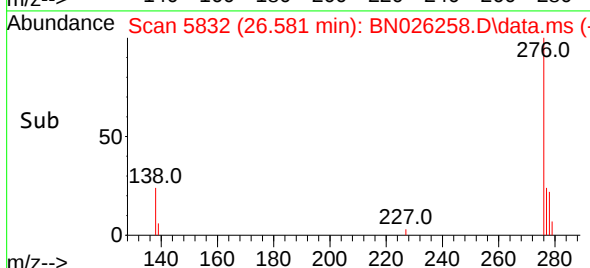
Supervised By :mohammad ahmed 07/05/2023

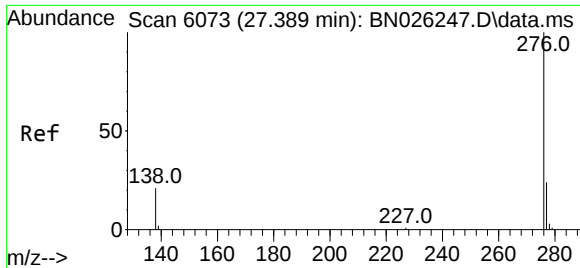


#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.027 min
Lab File: BN026258.D
Acq: 04 Jul 2023 11:55



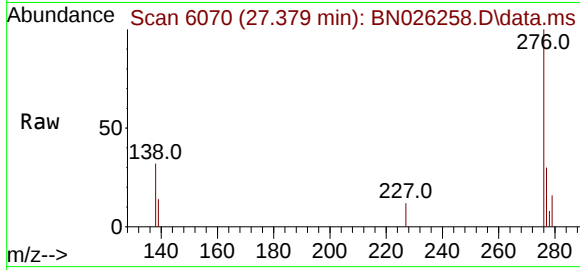
Tgt Ion:278 Resp: 5006
Ion Ratio Lower Upper
278 100
139 58.6 19.0 28.4#
279 69.6 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.260 ng/ul
 RT: 27.379 min Scan# 6073
 Delta R.T. -0.007 min
 Lab File: BN026258.D
 Acq: 04 Jul 2023 11:55

Instrument :
 BNA_N
 ClientSampleId :
 DCGA9DL



Tgt Ion: 276 Resp: 17924

Ion	Ratio	Lower	Upper
276	100		
138	32.4	23.4	35.0
277	29.7	20.0	30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

