

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025957.D
 Acq On : 23 Jun 2023 03:00
 Operator : MA/JU
 Sample : 03083-20DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:29:00 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	9632	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	29493	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16281	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	30258	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	17669	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	18639	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3817	0.352	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.387	152	1031	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	1749	0.026	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	2468	0.029	ng/ul#	88
10) Acenaphthylene	14.339	152	6760	0.089	ng/ul	97
15) Phenanthrene	17.402	178	17147	0.172	ng/ul	98
16) Anthracene	17.495	178	3982	0.045	ng/ul#	89
19) Fluoranthene	19.414	202	47878	0.507	ng/ul	99
20) Pyrene	19.777	202	38823	0.396	ng/ul	98
21) Benzo(a)anthracene	21.526	228	19015	0.261	ng/ul	96
22) Chrysene	21.584	228	22660	0.299	ng/ul	96
24) Benzo(b)fluoranthene	23.250	252	36683m	0.461	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	13003m	0.163	ng/ul	
26) Benzo(a)pyrene	23.891	252	17336	0.251	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.561	276	17270	0.229	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.571	278	4332	0.076	ng/ul#	62
29) Benzo(g,h,i)perylene	27.352	276	2874	0.043	ng/ul#	70

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

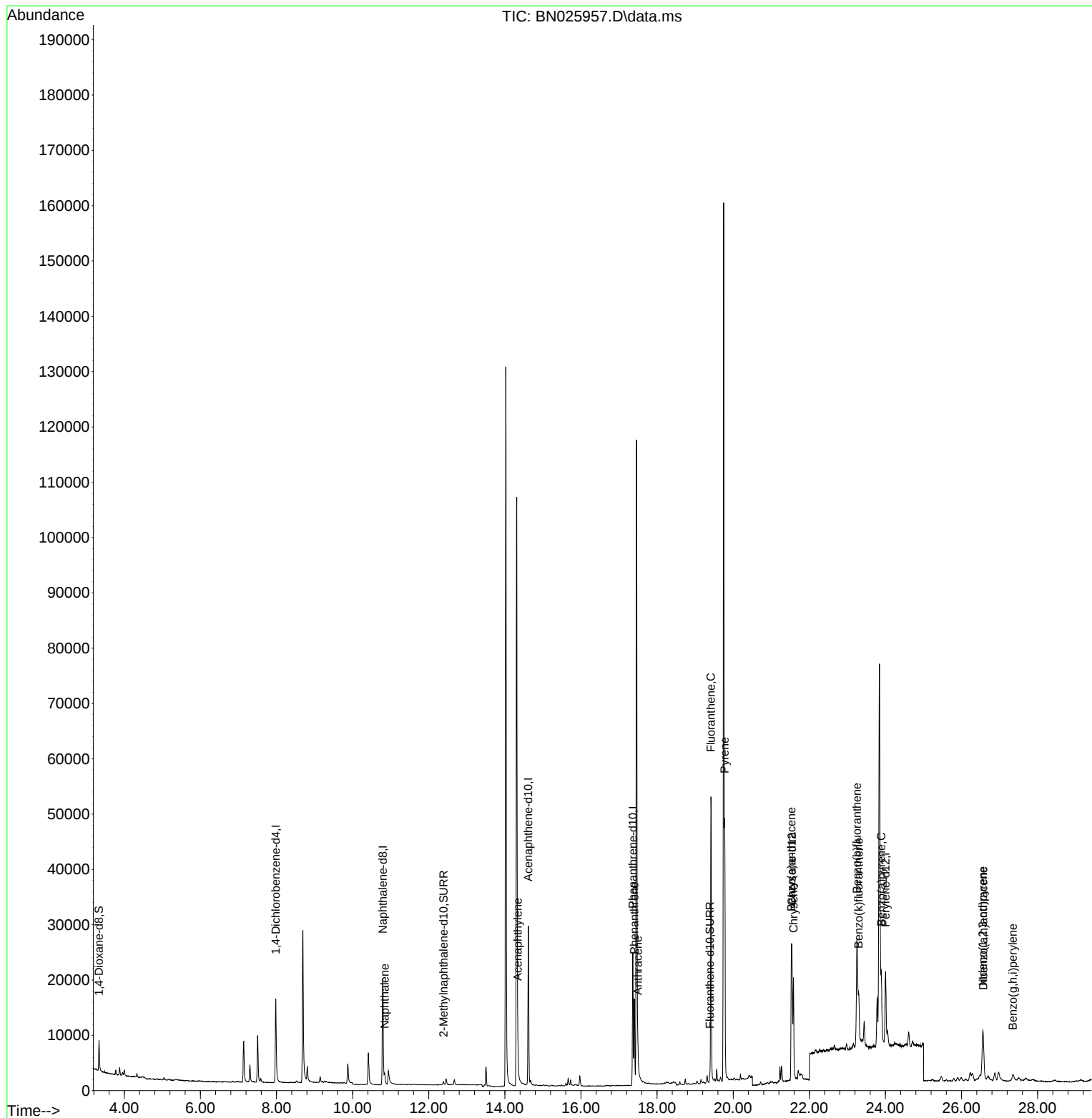
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025957.D
Acq On : 23 Jun 2023 03:00
Operator : MA/JU
Sample : 03083-20DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

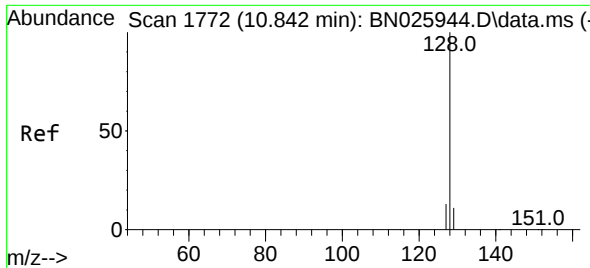
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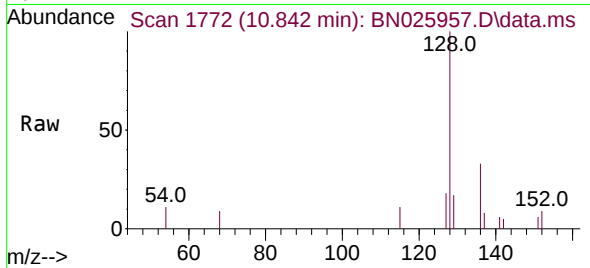
Quant Time: Jun 23 03:29:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
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#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

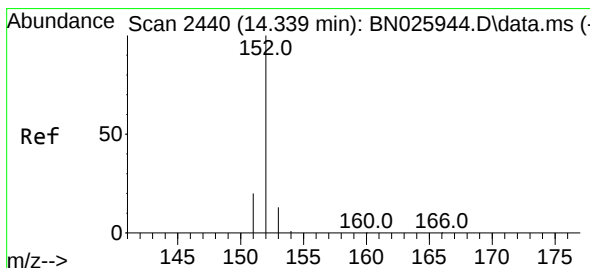
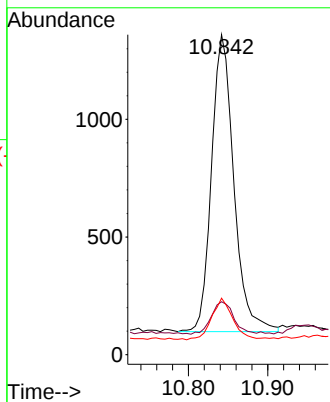
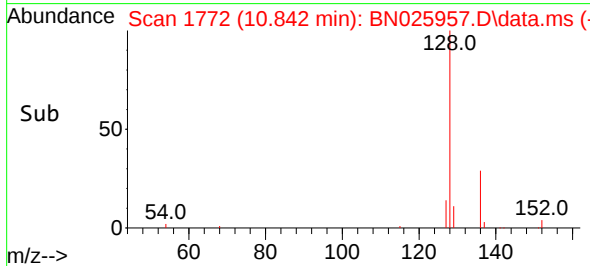
Instrument :
BNA_N
ClientSampleId :
DCFQ6DL



Tgt Ion:128 Resp: 2468
Ion Ratio Lower Upper
128 100
129 16.5 9.1 13.7
127 17.6 10.7 16.1

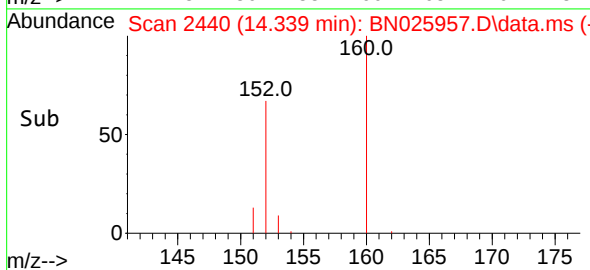
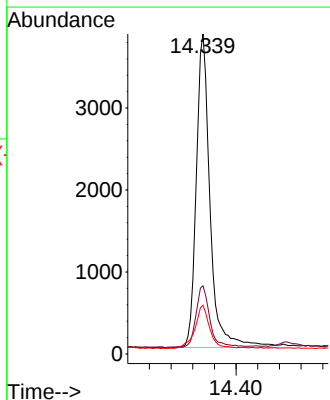
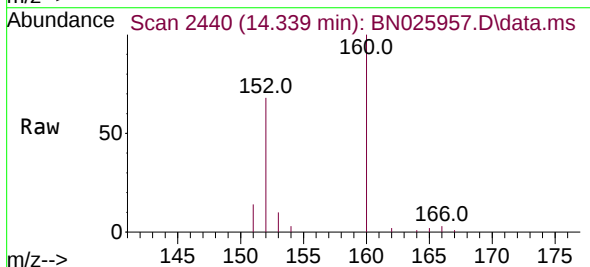
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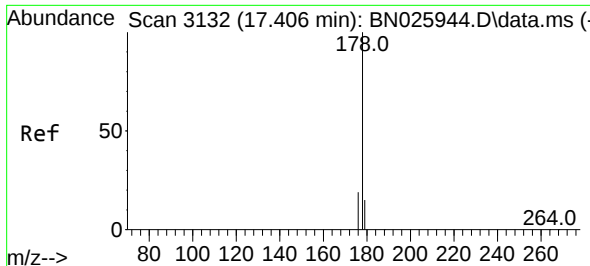
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

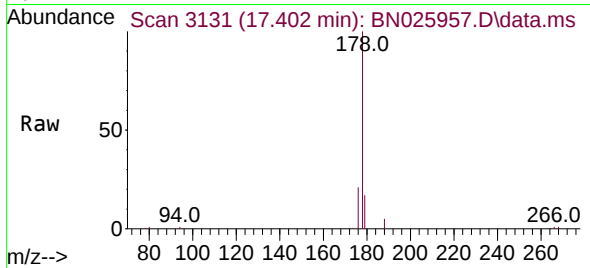
Tgt Ion:152 Resp: 6760
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.4
153 15.2 10.9 16.3





#15
Phenanthrene
Concen: 0.172 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

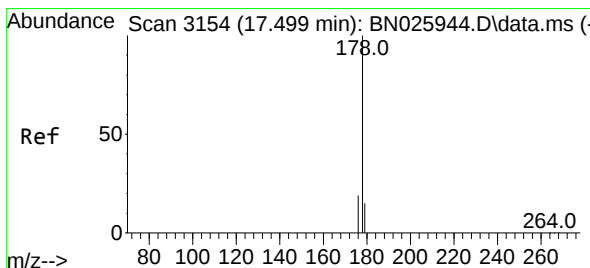
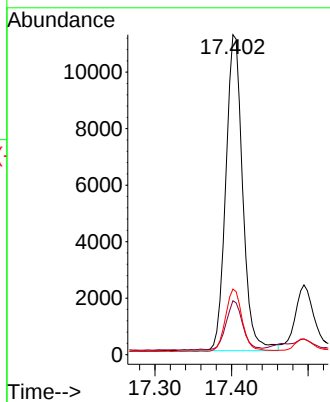
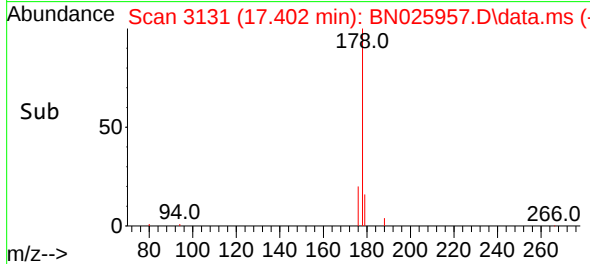
Instrument :
BNA_N
ClientSampleId :
DCFQ6DL



Tgt Ion:178 Resp: 1714
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 20.5 15.8 23.6

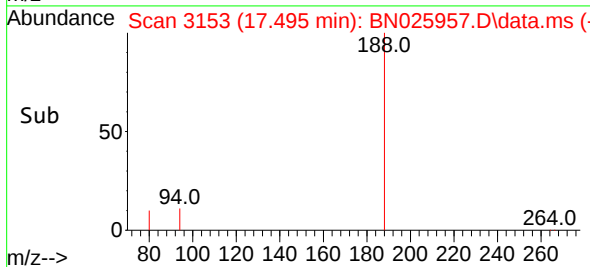
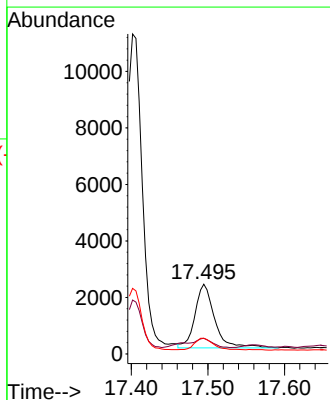
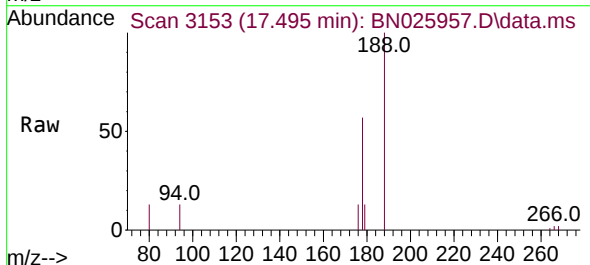
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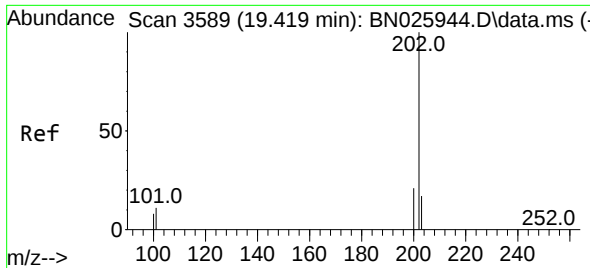
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.045 ng/u1
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

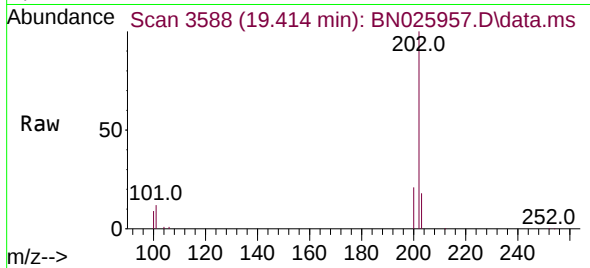
Tgt Ion:178 Resp: 3982
Ion Ratio Lower Upper
178 100
179 22.4 12.6 18.8#
176 22.4 15.1 22.7





#19
Fluoranthene
Concen: 0.507 ng/u1
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

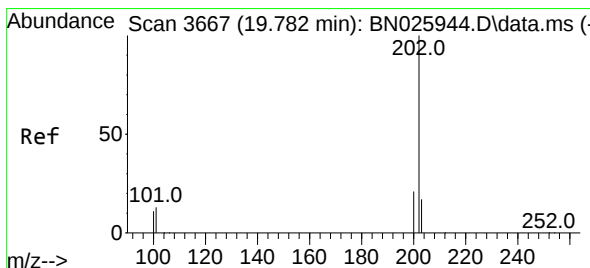
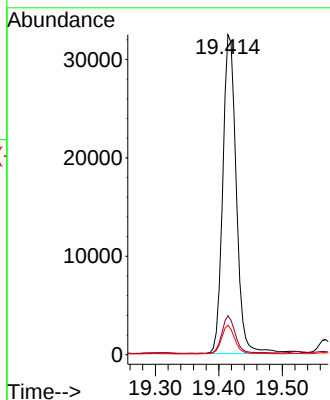
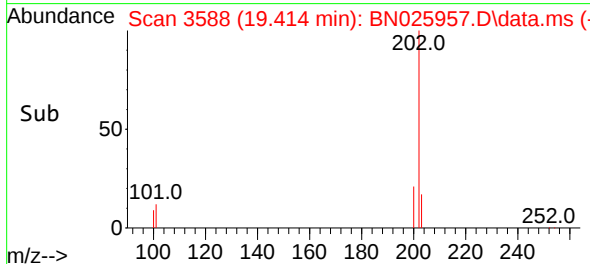
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 47878
Ion Ratio Lower Upper
202 100
101 12.2 9.5 14.3
100 9.2 7.3 10.9

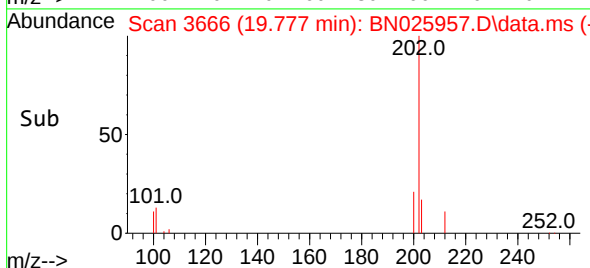
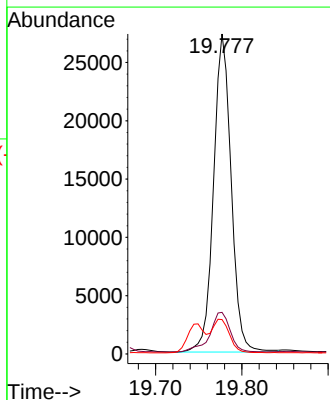
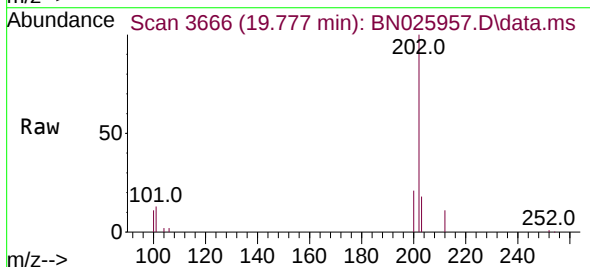
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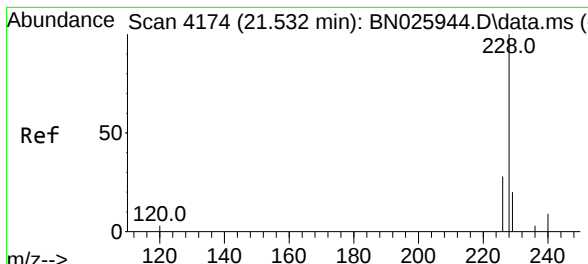
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
Pyrene
Concen: 0.396 ng/u1
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

Tgt Ion:202 Resp: 38823
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.261 ng/u1
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

Instrument :

BNA_N

ClientSampleId :

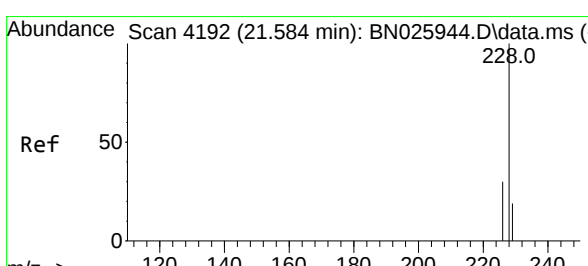
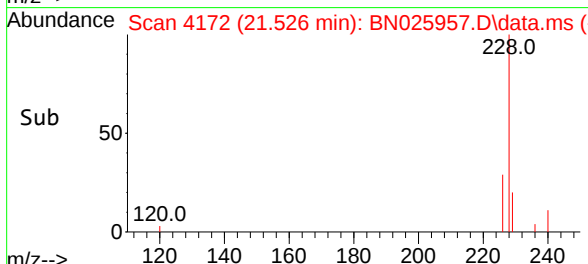
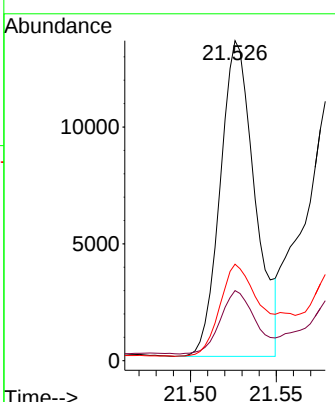
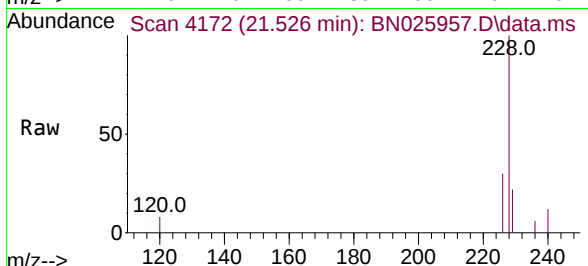
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Tgt Ion:228 Resp: 1901

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.6
226	30.2	22.5	33.7

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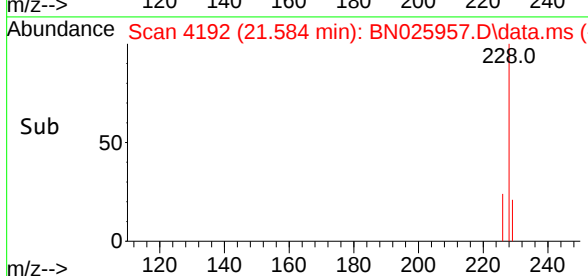
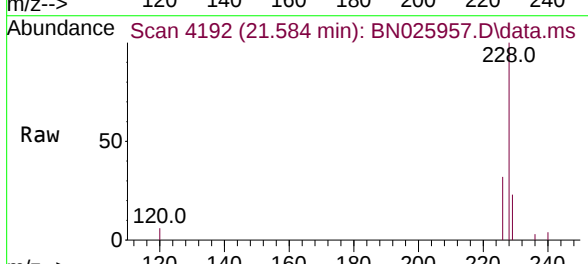
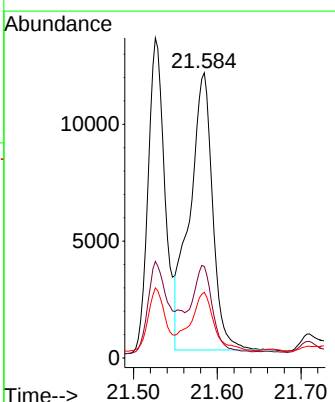
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

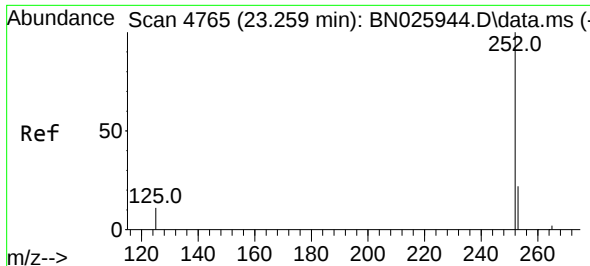


#22
Chrysene
Concen: 0.299 ng/u1
RT: 21.584 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

Tgt Ion:228 Resp: 22660

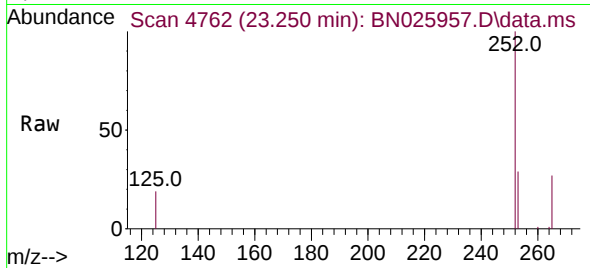
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.8	37.2
229	23.0	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 0.461 ng/ul m
RT: 23.250 min Scan# 4765
Delta R.T. -0.006 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

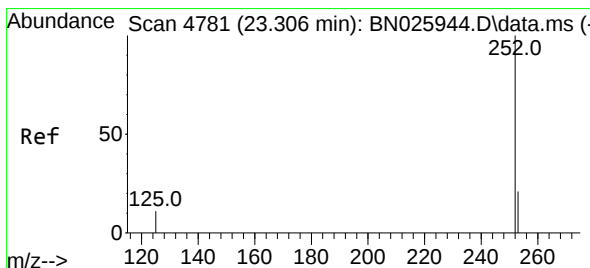
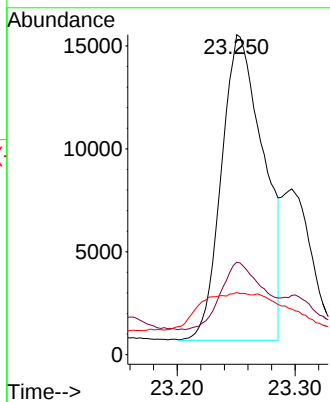
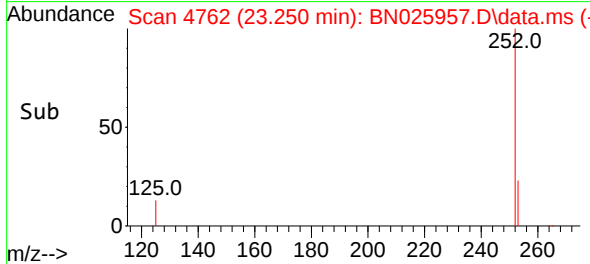
Instrument :
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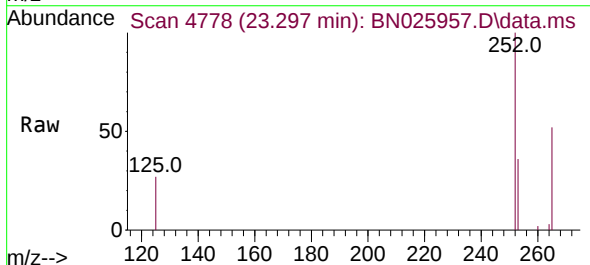
Tgt Ion:252 Resp: 3668
Ion Ratio Lower Upper
252 100
253 28.9 0.0 55.6
125 19.5 0.0 35.8

Manual Integrations
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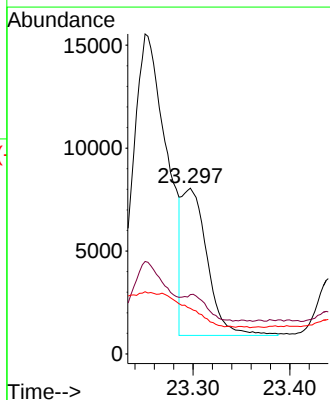
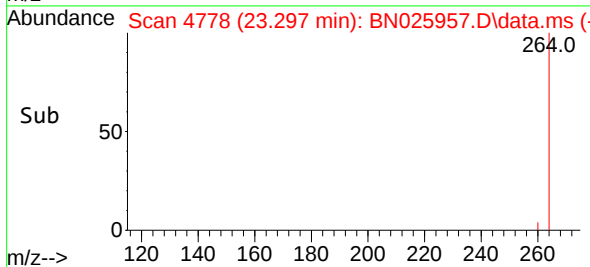
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

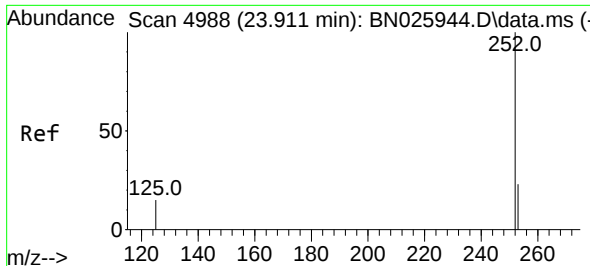


#25
Benzo(k)fluoranthene
Concen: 0.163 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. -0.012 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00



Tgt Ion:252 Resp: 13003
Ion Ratio Lower Upper
252 100
253 35.8 23.2 34.8#
125 27.5 15.0 22.4#





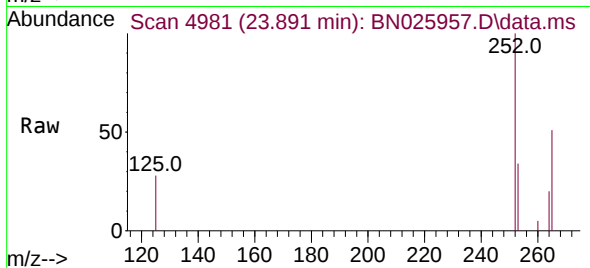
#26
Benzo(a)pyrene
Concen: 0.251 ng/ul
RT: 23.891 min Scan# 4988
Delta R.T. -0.018 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

Instrument :

BNA_N

ClientSampleId :

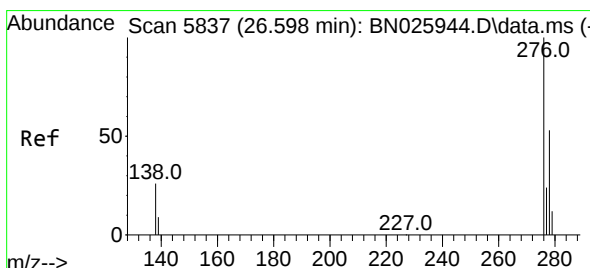
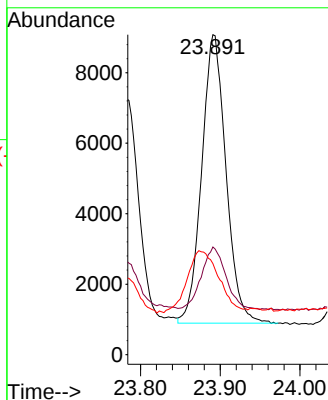
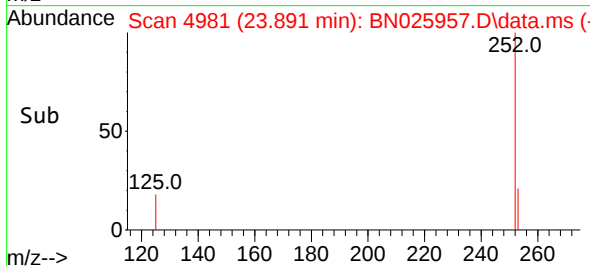
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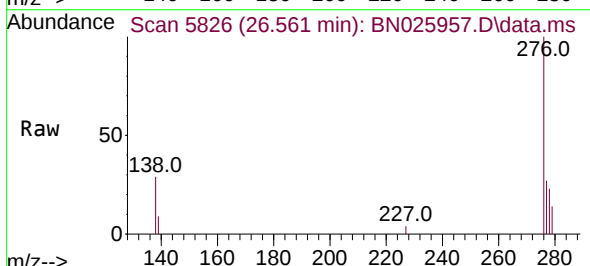
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Ion Ratio Lower Upper
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253 33.7 26.0 39.0
125 28.4 17.3 25.9

Manual Integrations
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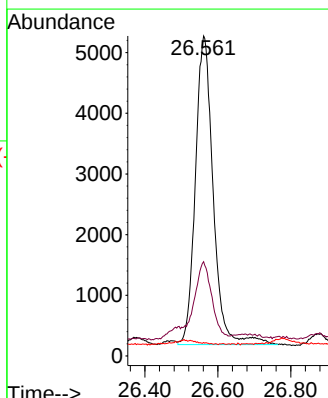
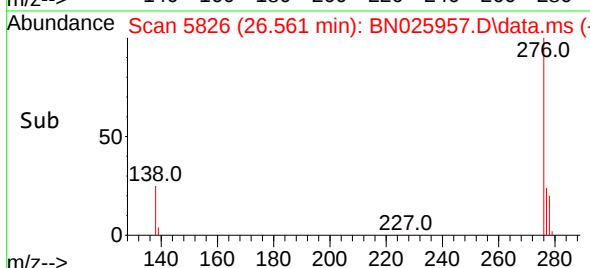
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

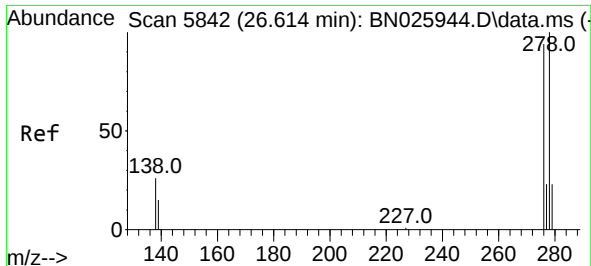


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.229 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. -0.034 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00



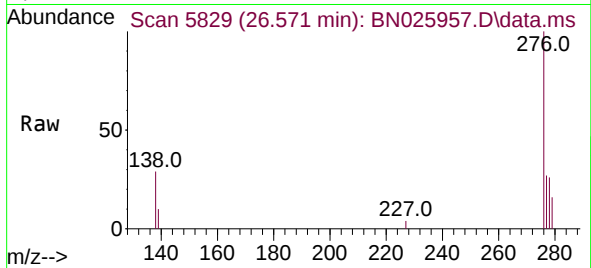
Tgt Ion:276 Resp: 17270
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. -0.050 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

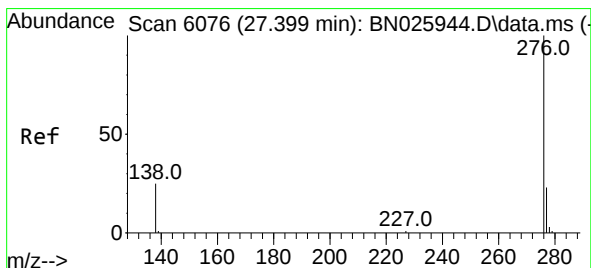
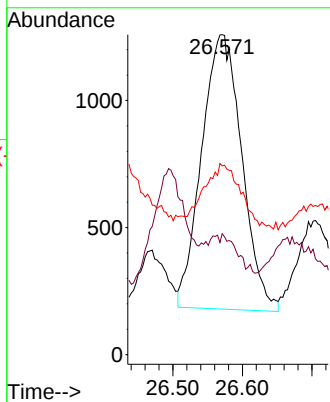
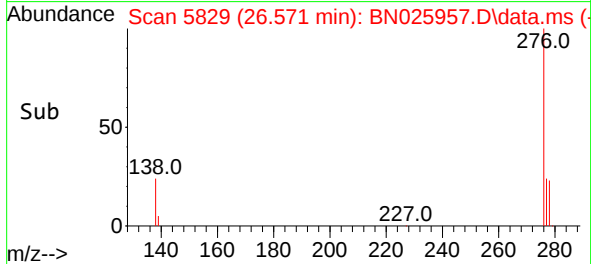
Instrument :
BNA_N
ClientSampleId :
DCFQ6DL



Tgt Ion:278 Resp: 433
Ion Ratio Lower Upper
278 100
139 37.8 19.0 28.4
279 59.0 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 27.352 min Scan# 6062
Delta R.T. -0.034 min
Lab File: BN025957.D
Acq: 23 Jun 2023 03:00

Tgt Ion:276 Resp: 2874
Ion Ratio Lower Upper
276 100
138 47.3 23.4 35.0#
277 38.0 20.0 30.0#

