

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026272.D
 Acq On : 04 Jul 2023 21:06
 Operator : MA/JU
 Sample : 03244-01DL 5X
 Misc :
 ALS Vial : 130 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGA6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 00:09:01 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	10330	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	32340	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	17901	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	33118	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	18780	0.400	ng/ul	0.00
23) Perylene-d12	23.979	264	21347	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	10479	0.901	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	2749	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	4658	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	2087	0.023	ng/ul#	86
10) Acenaphthylene	14.307	152	5242	0.063	ng/ul	94
12) Fluorene	15.635	166	1592	0.020	ng/ul#	96
15) Phenanthrene	17.377	178	30085	0.275	ng/ul	99
16) Anthracene	17.470	178	4976	0.051	ng/ul#	87
19) Fluoranthene	19.397	202	70493	0.703	ng/ul	98
20) Pyrene	19.759	202	57356	0.550	ng/ul	97
21) Benzo(a)anthracene	21.512	228	26612	0.343	ng/ul	94
22) Chrysene	21.568	228	32349	0.401	ng/ul#	95
24) Benzo(b)fluoranthene	23.234	252	55489m	0.609	ng/ul	
25) Benzo(k)fluoranthene	23.275	252	16193m	0.177	ng/ul	
26) Benzo(a)pyrene	23.871	252	33337	0.421	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.535	276	27146	0.314	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.542	278	6238	0.095	ng/ul#	55
29) Benzo(g,h,i)perylene	27.333	276	26056	0.339	ng/ul	97

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

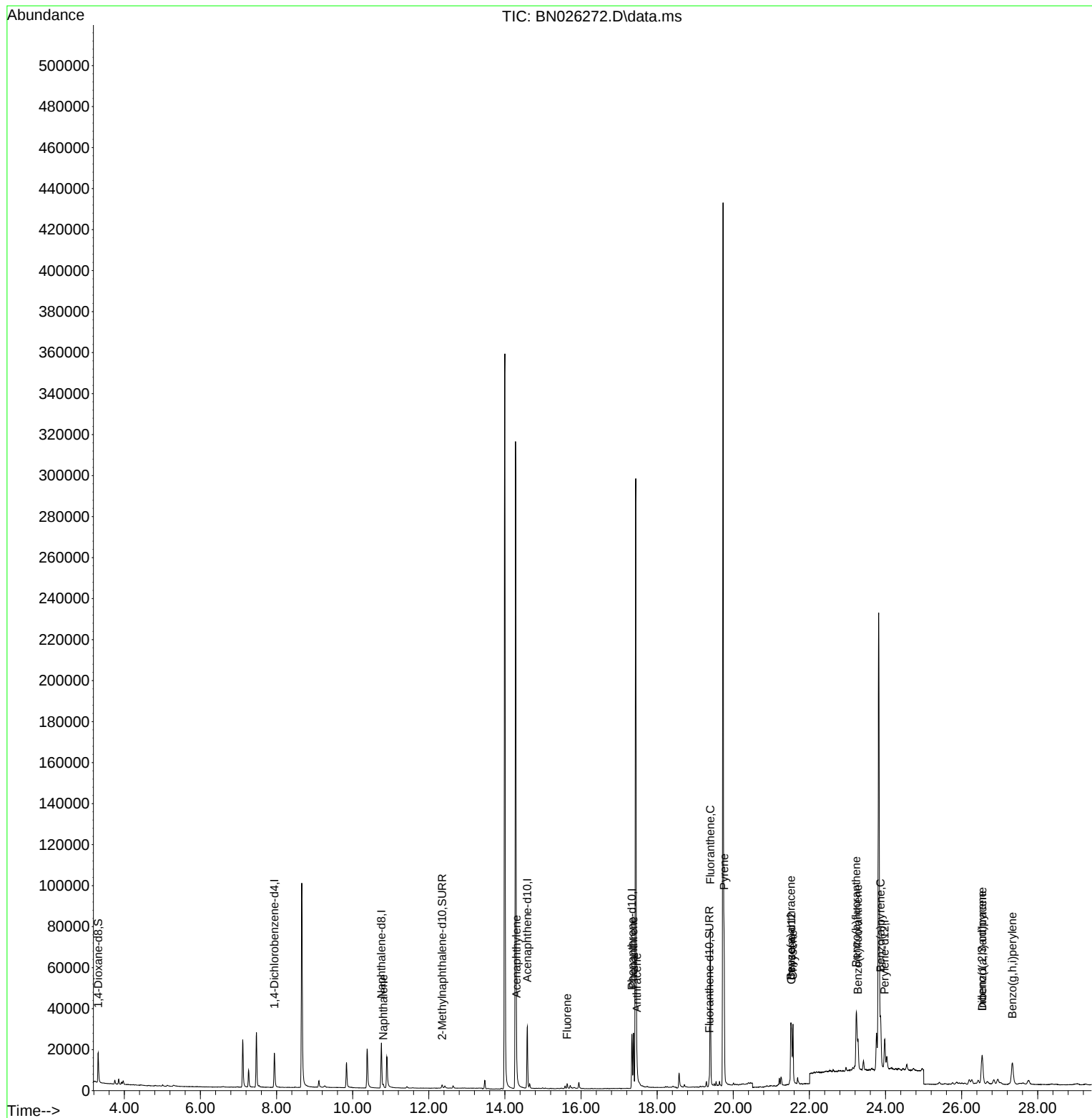
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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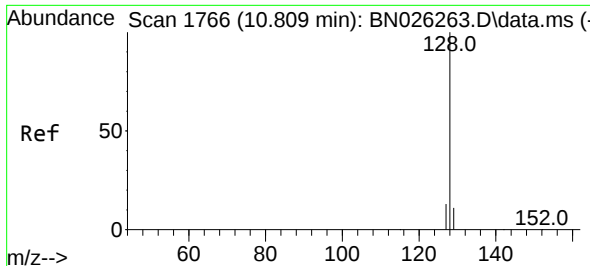
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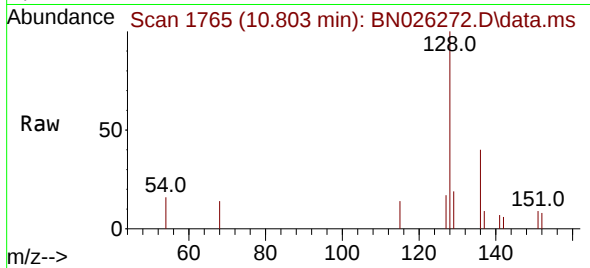
Quant Time: Jul 05 00:09:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/u1
RT: 10.803 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

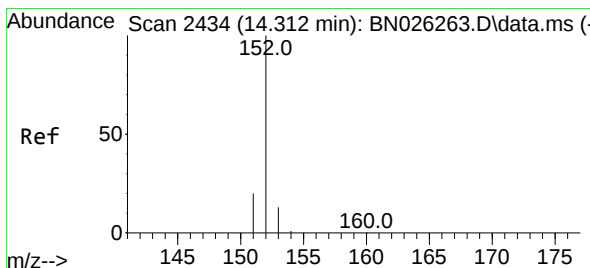
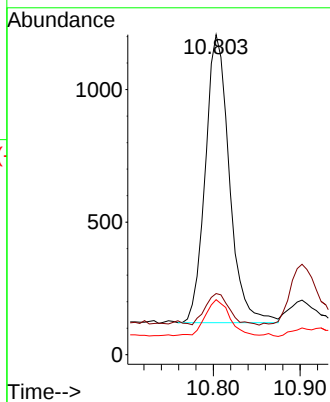
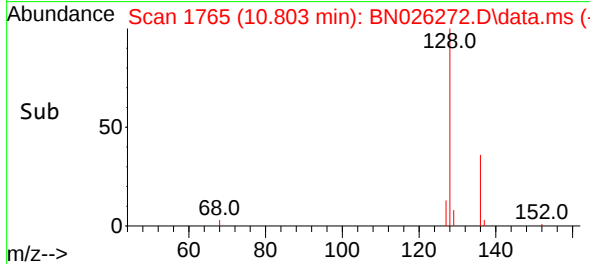
Instrument :
BNA_N
ClientSampleId :
DCGA6DL



Tgt Ion:128 Resp: 208
Ion Ratio Lower Upper
128 100
129 19.1 9.1 13.7
127 17.2 10.7 16.1

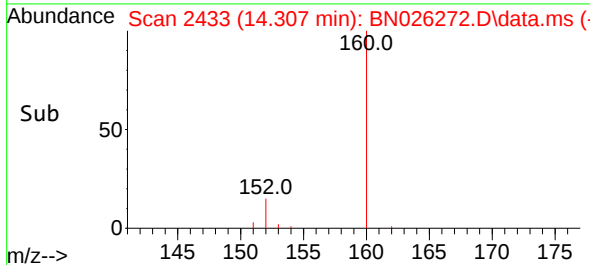
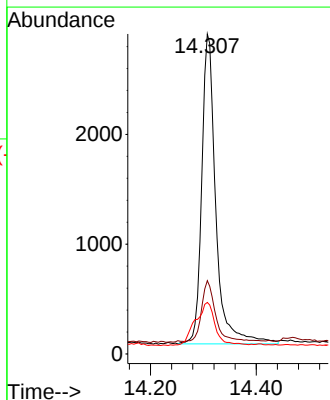
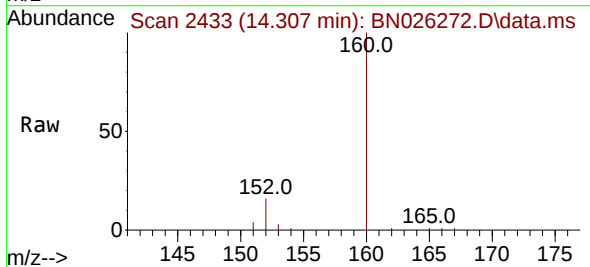
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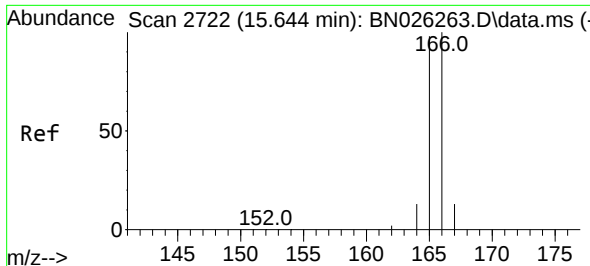
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.063 ng/u1
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

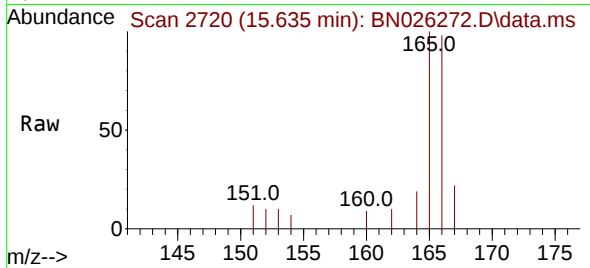
Tgt Ion:152 Resp: 5242
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.4
153 16.1 10.9 16.3





#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.635 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

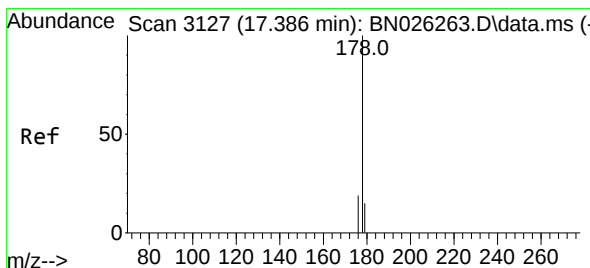
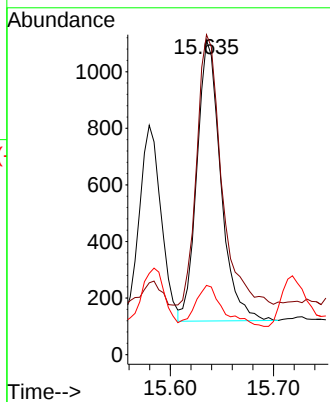
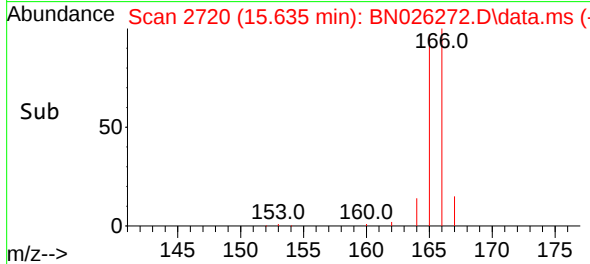
Instrument :
BNA_N
ClientSampleId :
DCGA6DL



Tgt Ion:166 Resp: 1592
Ion Ratio Lower Upper
166 100
165 101.7 79.9 119.9
167 22.0 10.8 16.2

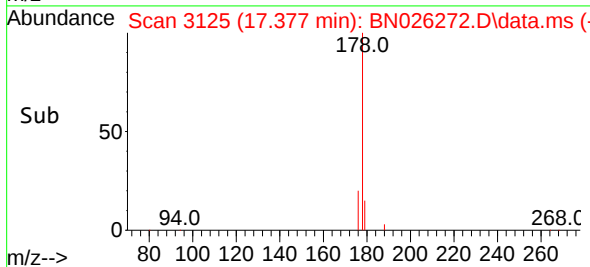
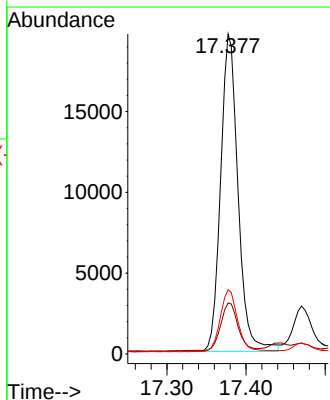
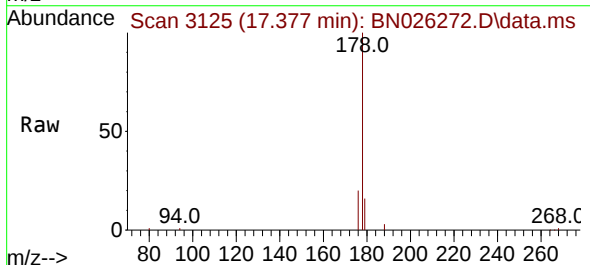
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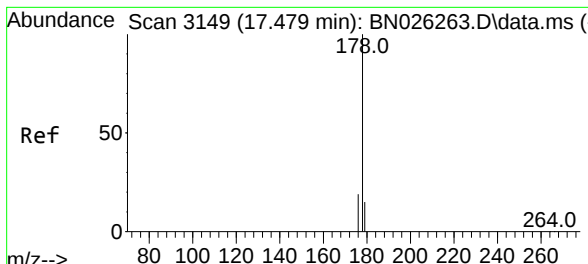
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.275 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

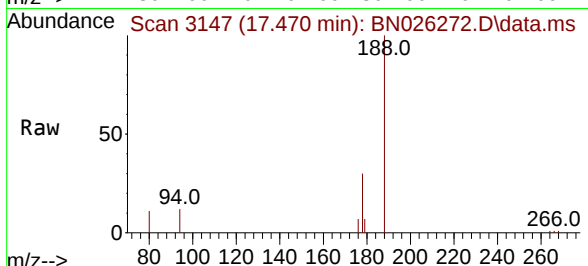
Tgt Ion:178 Resp: 30085
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.0 15.8 23.6





#16
 Anthracene
 Concen: 0.051 ng/ul
 RT: 17.470 min Scan# 3147
 Delta R.T. -0.008 min
 Lab File: BN026272.D
 Acq: 04 Jul 2023 21:06

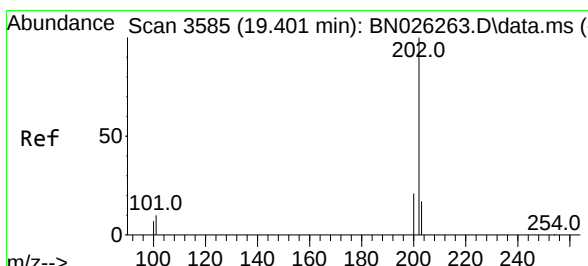
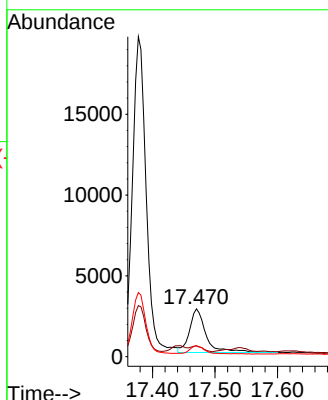
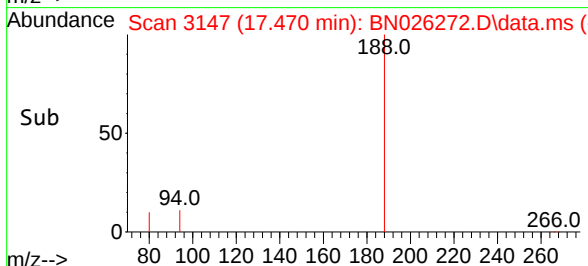
Instrument :
 BNA_N
 ClientSampleId :
 DCGA6DL



Tgt Ion:	178	Resp:	4970
Ion Ratio	Lower	Upper	
178	100		
179	22.5	12.6	18.8
176	23.3	15.1	22.7

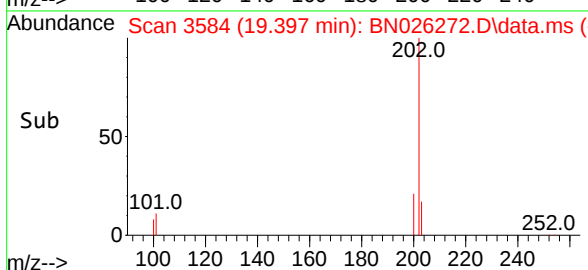
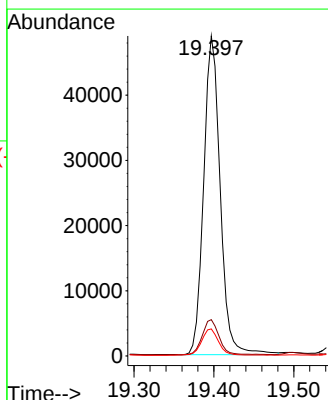
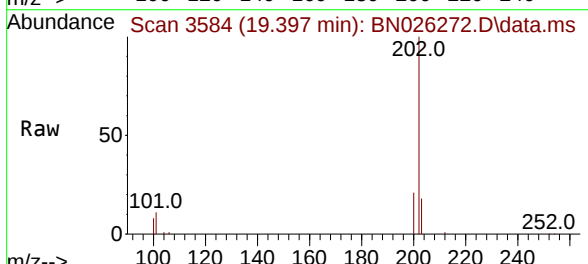
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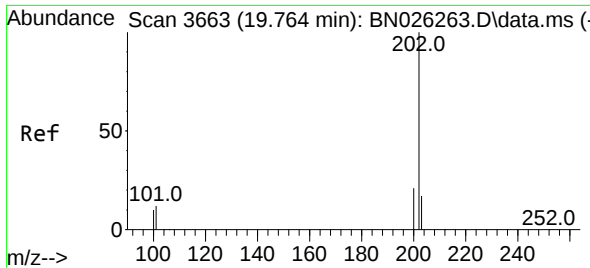
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



#19
 Fluoranthene
 Concen: 0.703 ng/ul
 RT: 19.397 min Scan# 3584
 Delta R.T. -0.005 min
 Lab File: BN026272.D
 Acq: 04 Jul 2023 21:06

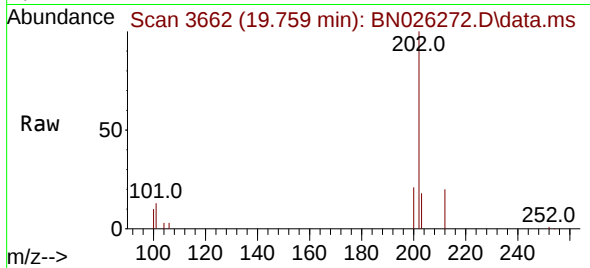
Tgt Ion:	202	Resp:	70493
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.5	14.3
100	8.4	7.3	10.9





#20
Pyrene
Concen: 0.550 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

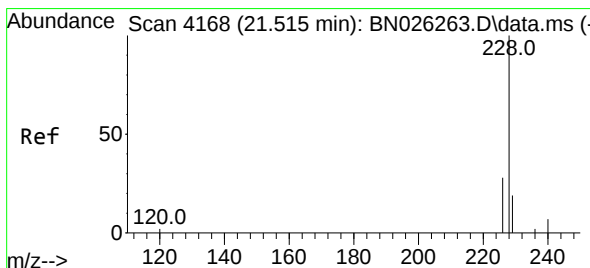
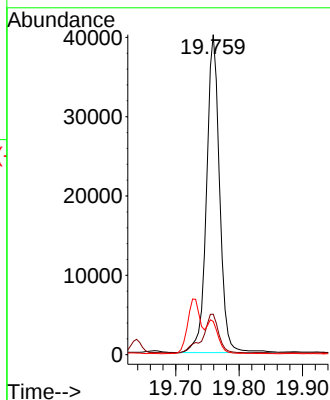
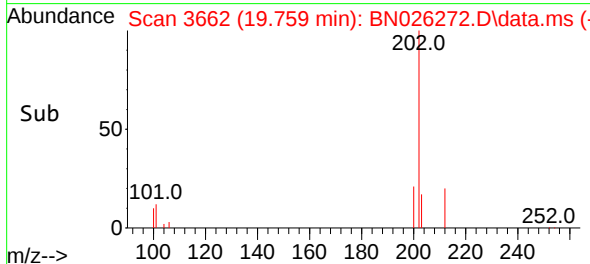
Instrument :
BNA_N
ClientSampleId :
DCGA6DL



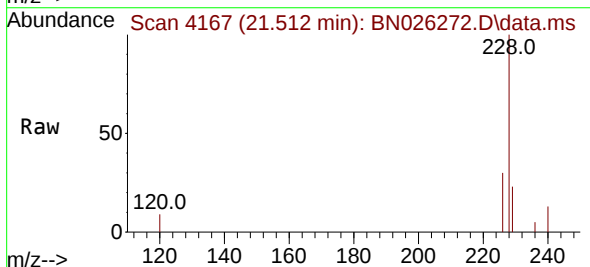
Tgt Ion:202 Resp: 57350
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7

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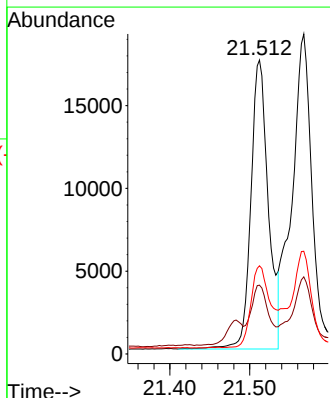
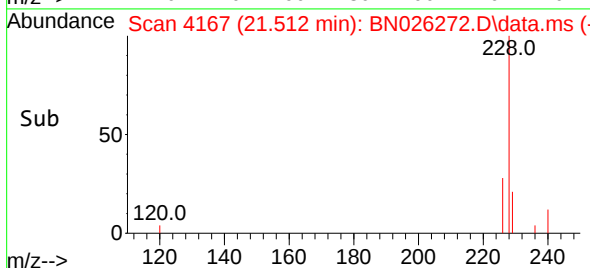
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

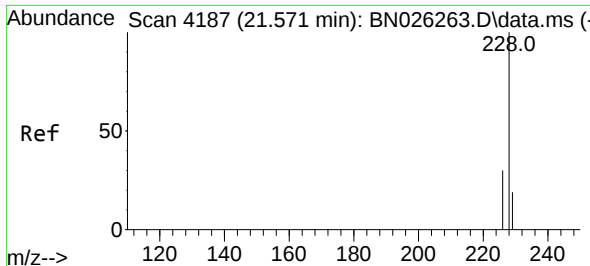


#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.512 min Scan# 4167
Delta R.T. -0.003 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06



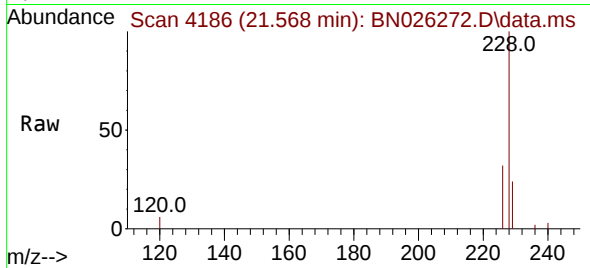
Tgt Ion:228 Resp: 26612
Ion Ratio Lower Upper
228 100
229 23.4 15.8 23.6
226 30.0 22.5 33.7





#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.568 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

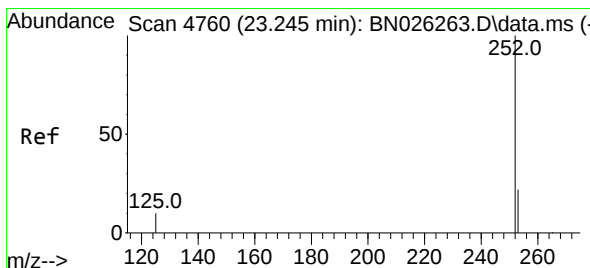
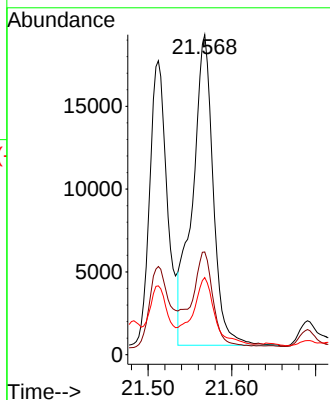
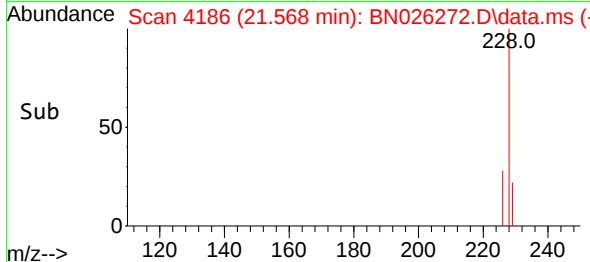
Instrument :
BNA_N
ClientSampleId :
DCGA6DL



Tgt Ion:228 Resp: 32349
Ion Ratio Lower Upper
228 100
226 32.1 24.8 37.2
229 24.1 15.7 23.5

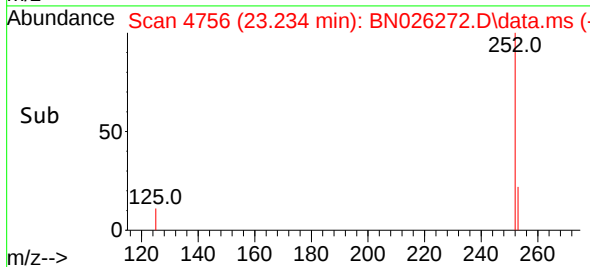
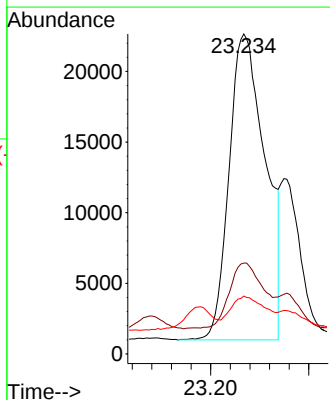
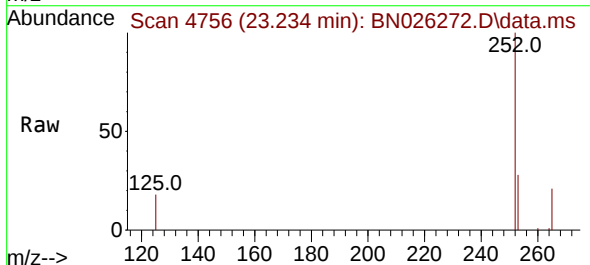
Manual Integrations
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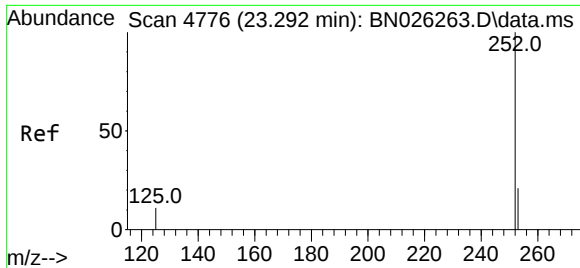
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#24
Benzo(b)fluoranthene
Concen: 0.609 ng/ul m
RT: 23.234 min Scan# 4756
Delta R.T. -0.012 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

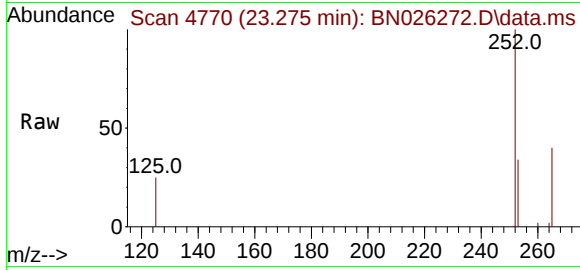
Tgt Ion:252 Resp: 55489
Ion Ratio Lower Upper
252 100
253 28.4 0.0 55.6
125 18.1 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.177 ng/ul m
RT: 23.275 min Scan# 41
Delta R.T. -0.018 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

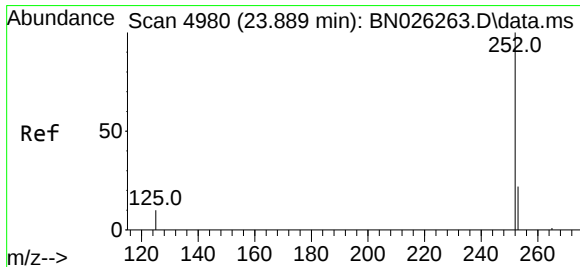
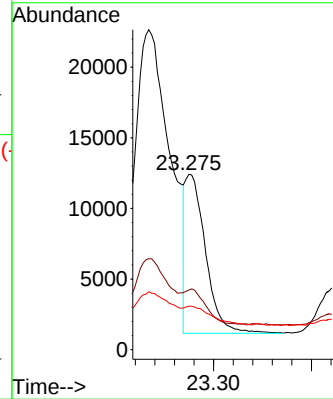
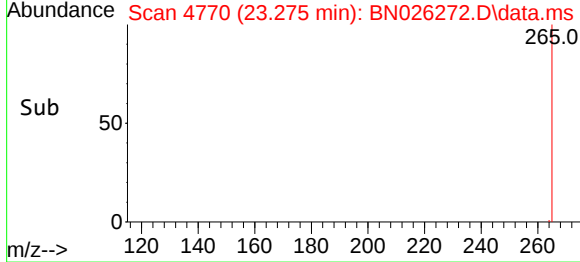
Instrument :
BNA_N
ClientSampleId :
DCGA6DL



Tgt Ion:252 Resp: 1619
Ion Ratio Lower Upper
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253 34.1 23.2 34.8
125 24.8 15.0 22.4

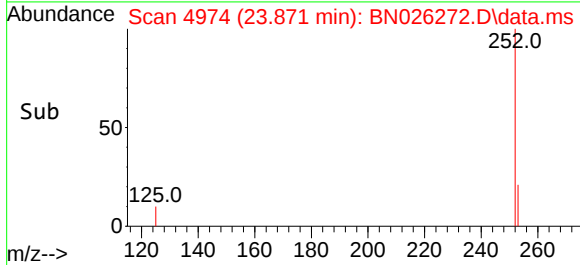
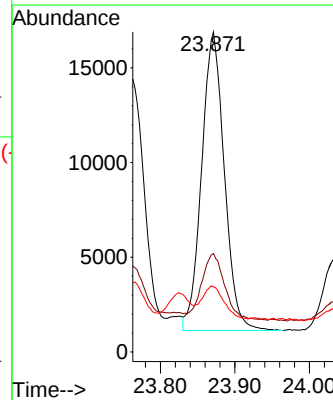
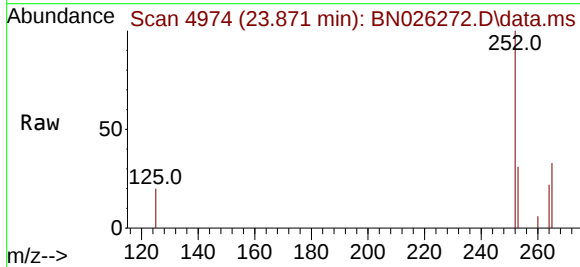
Manual Integrations
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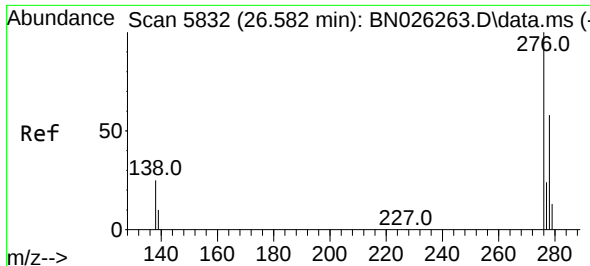
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.871 min Scan# 4974
Delta R.T. -0.018 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Tgt Ion:252 Resp: 33337
Ion Ratio Lower Upper
252 100
253 30.7 26.0 39.0
125 20.4 17.3 25.9





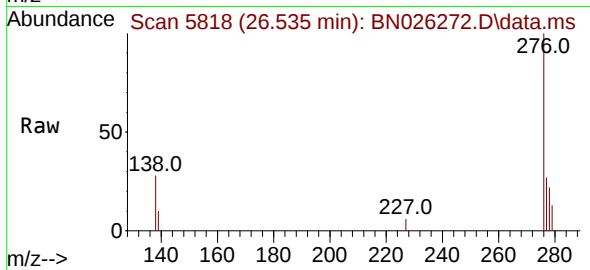
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Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 26.535 min Scan# 5818
Delta R.T. -0.047 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06

Instrument :

BNA_N

ClientSampleId :

DCGA6DL



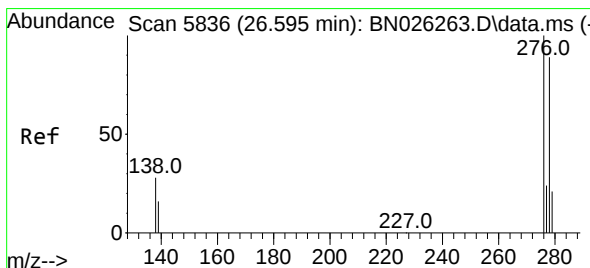
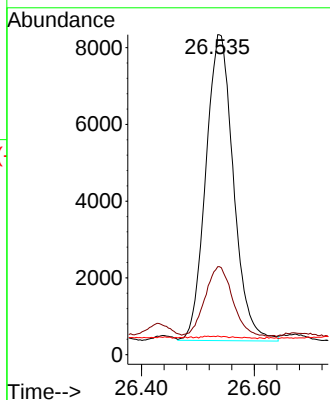
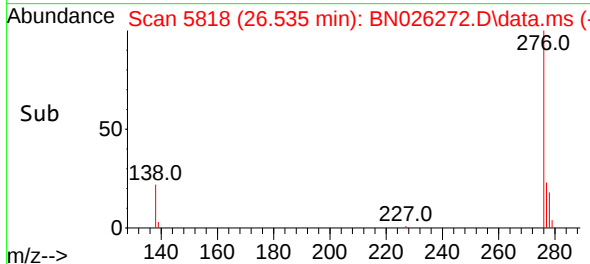
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Ion Ratio Lower Upper
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138 22.6 24.5 36.7#
227 0.4 0.0 0.0#

Manual Integrations

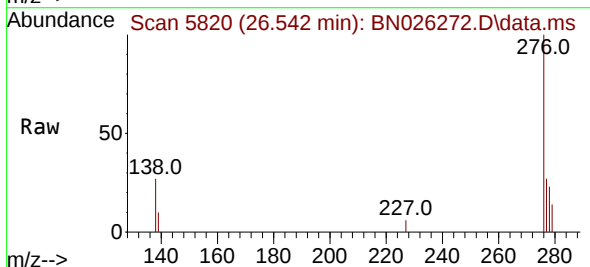
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Reviewed By :Yogesh Patel 07/05/2023

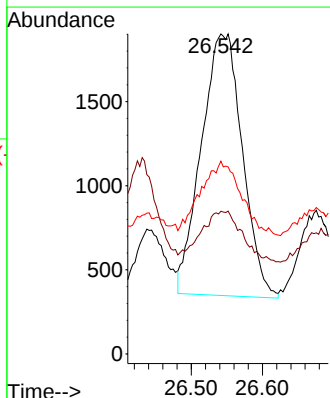
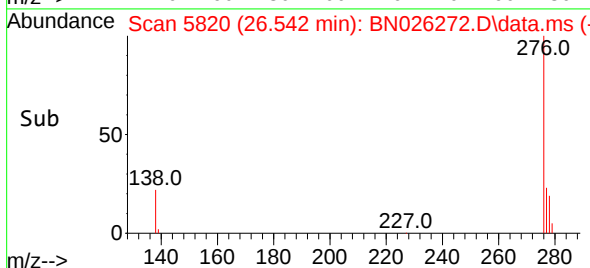
Supervised By :mohammad ahmed 07/05/2023

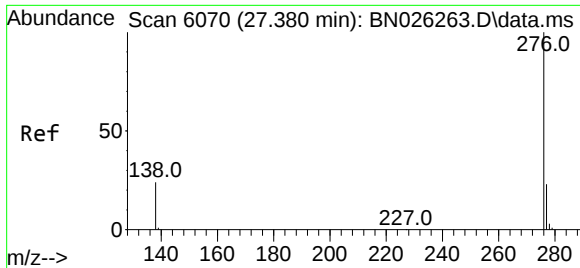


#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 26.542 min Scan# 5820
Delta R.T. -0.054 min
Lab File: BN026272.D
Acq: 04 Jul 2023 21:06



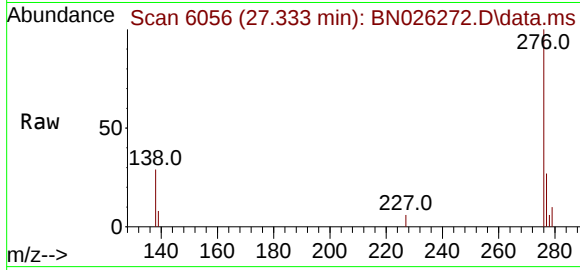
Tgt Ion:278 Resp: 6238
Ion Ratio Lower Upper
278 100
139 44.6 19.0 28.4#
279 60.3 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.339 ng/ul
 RT: 27.333 min Scan# 6056
 Delta R.T. -0.047 min
 Lab File: BN026272.D
 Acq: 04 Jul 2023 21:06

Instrument :
 BNA_N
 ClientSampleId :
 DCGA6DL



Tgt Ion: 276 Resp: 26056

Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.4	35.0
277	27.4	20.0	30.0

Manual Integrations
 APPROVED

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

