

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026277.D
 Acq On : 05 Jul 2023 00:08
 Operator : MA/JU
 Sample : 03244-13DL 5X
 Misc :
 ALS Vial : 135 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 00:59:23 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	12128	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	37455	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.588	164	20347	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	37051	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	22185	0.400	ng/ul	# 0.00
23) Perylene-d12	23.980	264	25027	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	16307	1.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	4521	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	7558	0.090	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.802	128	5771	0.054	ng/ul#	95
7) 2-Methylnaphthalene	12.419	142	2128	0.031	ng/ul	99
10) Acenaphthylene	14.306	152	10072	0.106	ng/ul	96
15) Phenanthrene	17.376	178	29624	0.242	ng/ul	98
16) Anthracene	17.469	178	12044	0.111	ng/ul	94
19) Fluoranthene	19.395	202	85493	0.721	ng/ul	96
20) Pyrene	19.757	202	78440	0.636	ng/ul	98
21) Benzo(a)anthracene	21.510	228	47290	0.517	ng/ul#	94
22) Chrysene	21.566	228	63925	0.671	ng/ul#	95
24) Benzo(b)fluoranthene	23.232	252	112447m	1.053	ng/ul	
25) Benzo(k)fluoranthene	23.279	252	39523m	0.368	ng/ul	
26) Benzo(a)pyrene	23.872	252	67645	0.729	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	26.540	276	56551	0.558	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.540	278	13520	0.176	ng/ul#	80
29) Benzo(g,h,i)perylene	27.335	276	53411	0.592	ng/ul	95

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

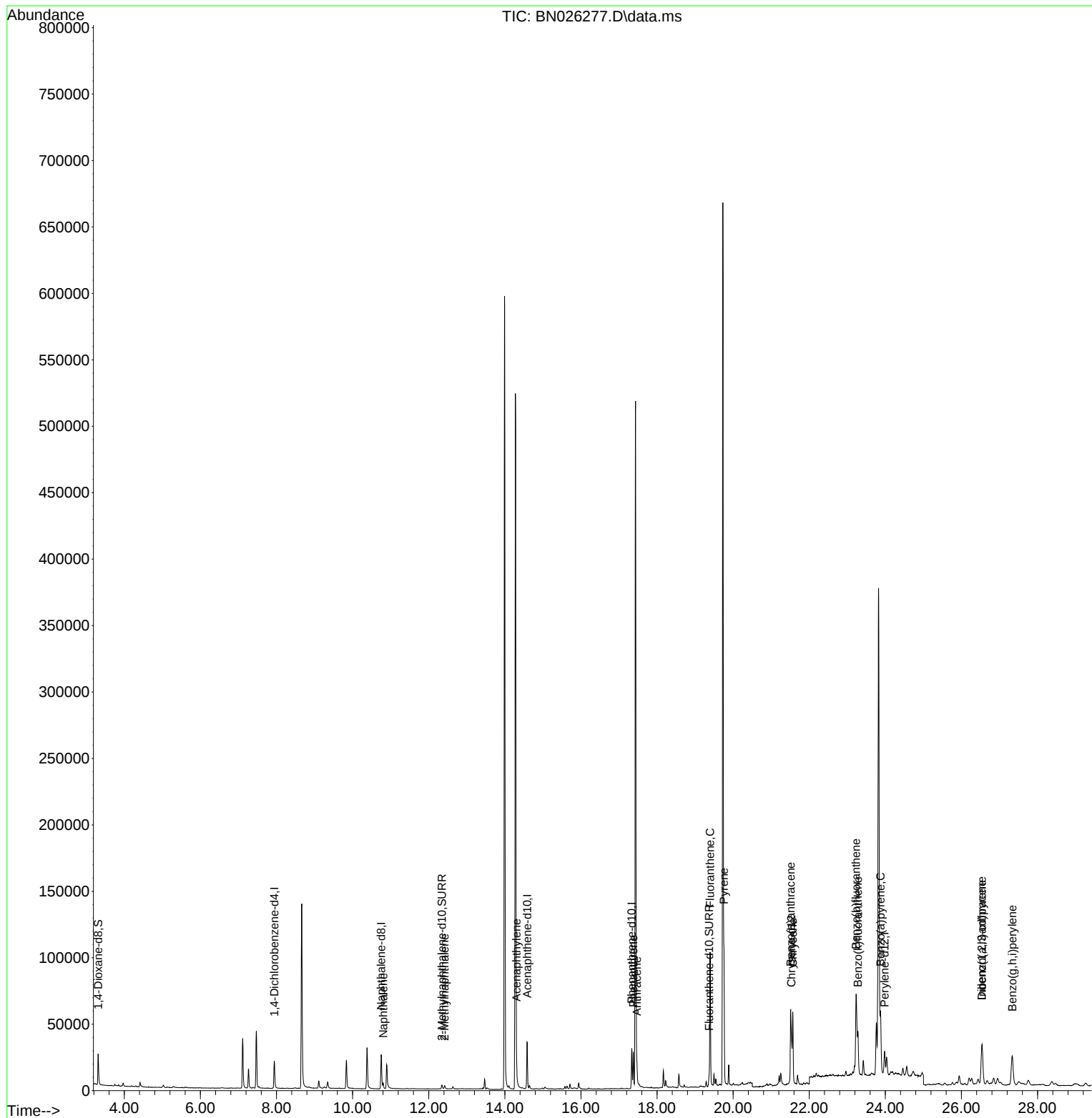
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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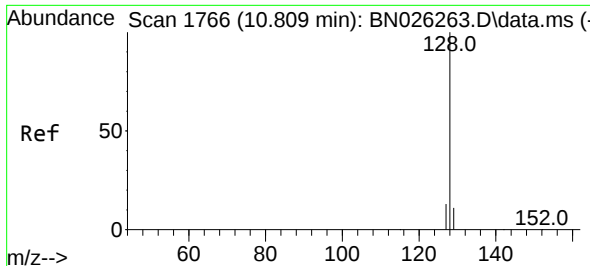
Instrument :
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Quant Time: Jul 05 00:59:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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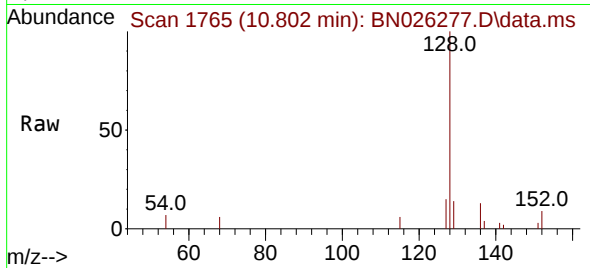
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.802 min Scan# 1765
Delta R.T. -0.007 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

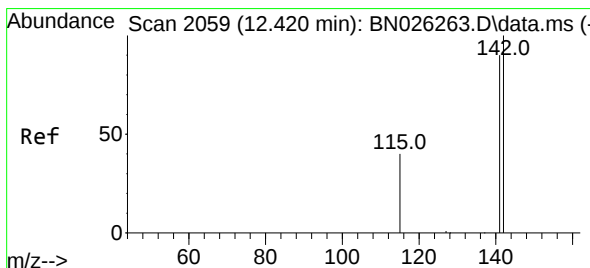
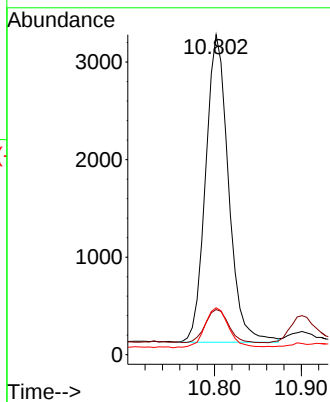
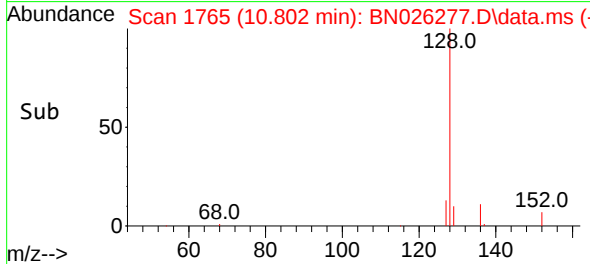
Instrument :
BNA_N
ClientSampleId :
DCGF2DL



Tgt Ion:128 Resp: 577
Ion Ratio Lower Upper
128 100
129 14.1 9.1 13.7
127 14.7 10.7 16.1

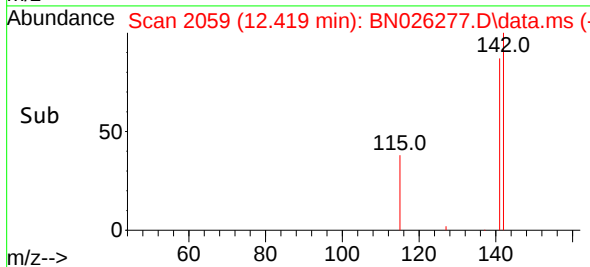
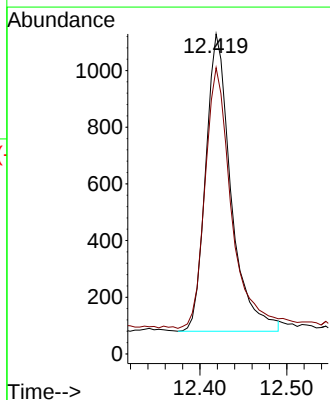
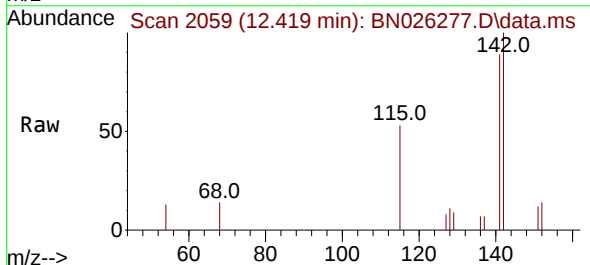
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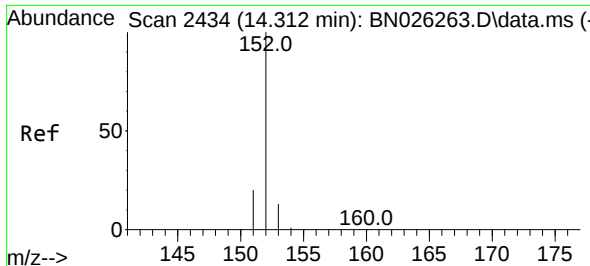
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. -0.001 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

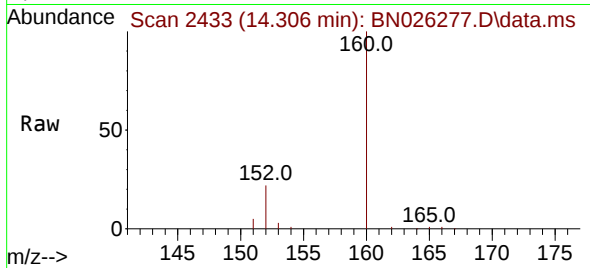
Tgt Ion:142 Resp: 2128
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9





#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.306 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

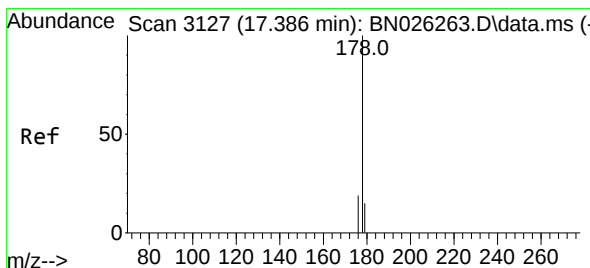
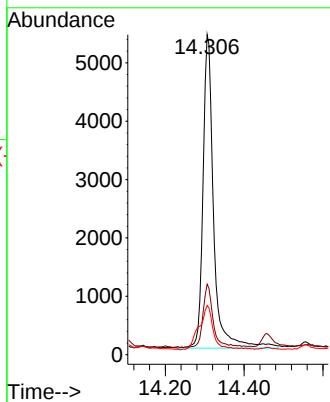
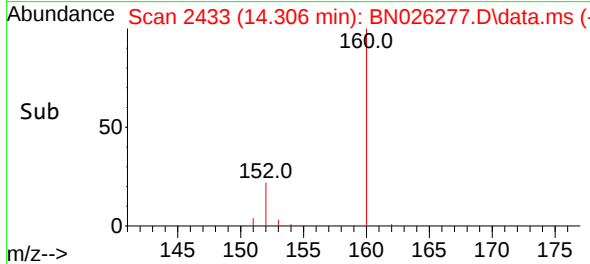
Instrument :
BNA_N
ClientSampleId :
DCGF2DL



Tgt Ion:152 Resp: 10072
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.4
153 15.3 10.9 16.3

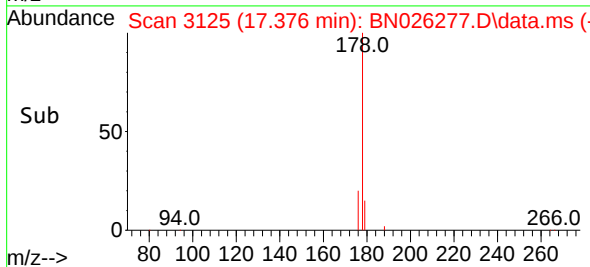
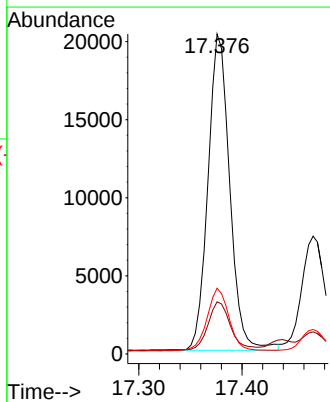
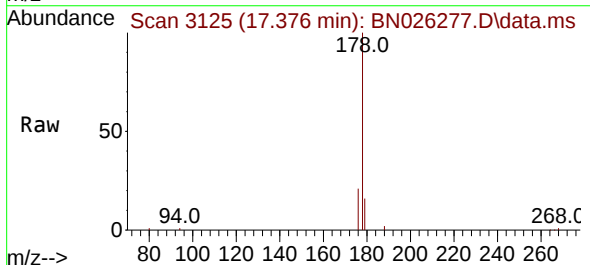
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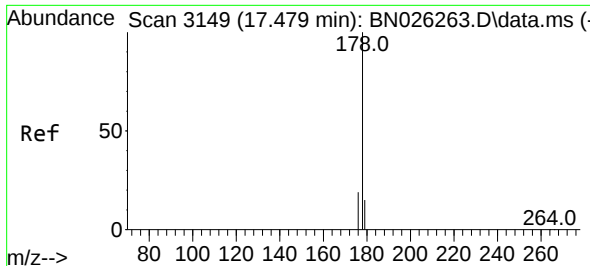
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.242 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.010 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

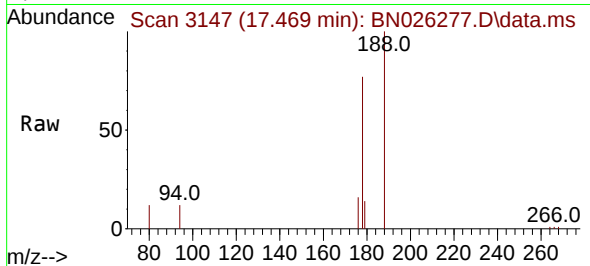
Tgt Ion:178 Resp: 29624
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.5 15.8 23.6





#16
 Anthracene
 Concen: 0.111 ng/ul
 RT: 17.469 min Scan# 3149
 Delta R.T. -0.010 min
 Lab File: BN026277.D
 Acq: 05 Jul 2023 00:08

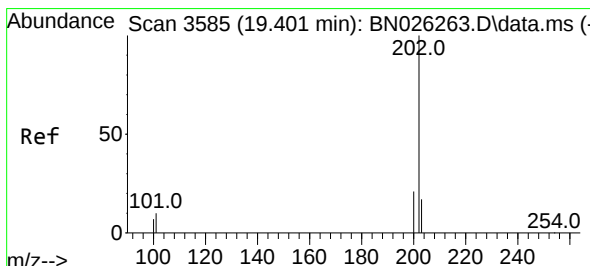
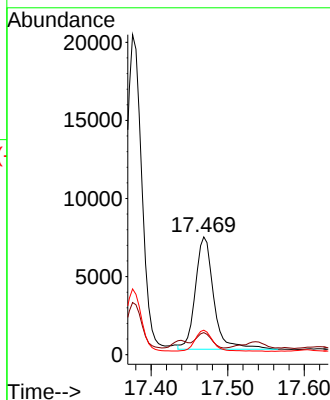
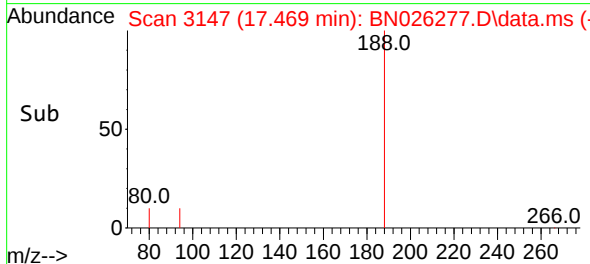
Instrument :
 BNA_N
 ClientSampleId :
 DCGF2DL



Tgt Ion:178 Resp: 12044
 Ion Ratio Lower Upper
 178 100
 179 18.8 12.6 18.8
 176 20.8 15.1 22.7

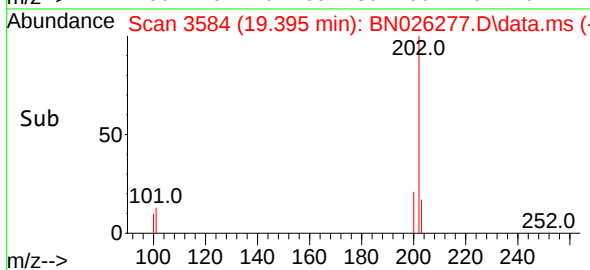
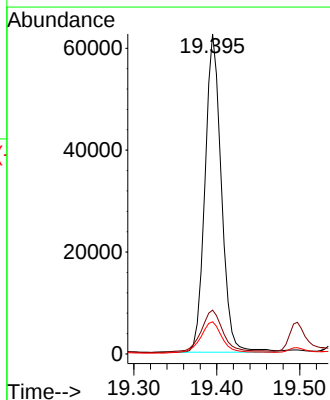
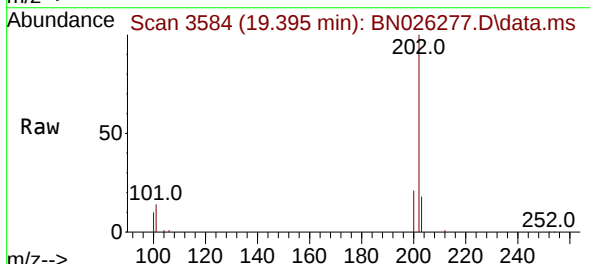
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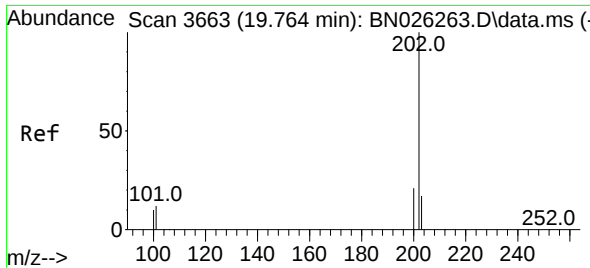
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



#19
 Fluoranthene
 Concen: 0.721 ng/ul
 RT: 19.395 min Scan# 3584
 Delta R.T. -0.006 min
 Lab File: BN026277.D
 Acq: 05 Jul 2023 00:08

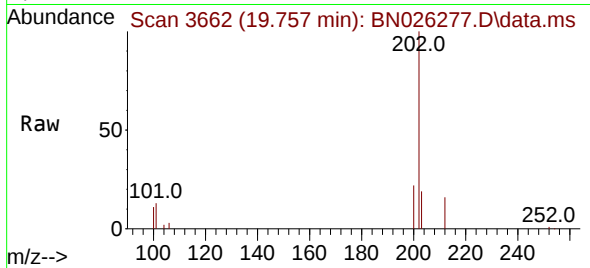
Tgt Ion:202 Resp: 85493
 Ion Ratio Lower Upper
 202 100
 101 13.7 9.5 14.3
 100 10.0 7.3 10.9





#20
Pyrene
Concen: 0.636 ng/u1
RT: 19.757 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

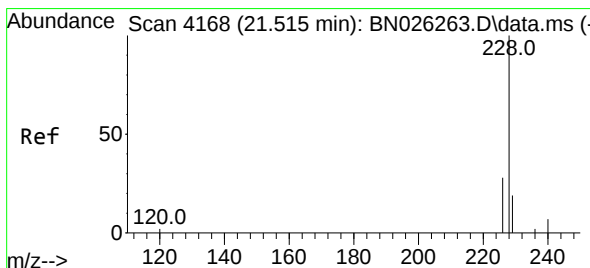
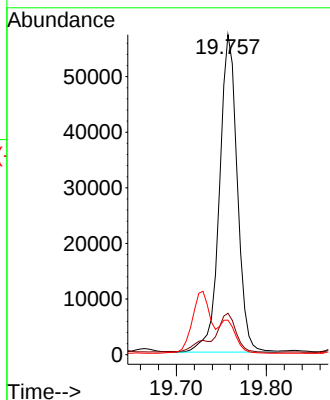
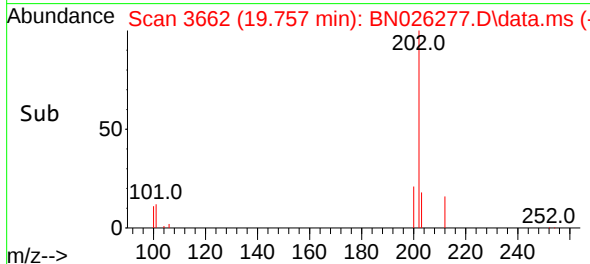
Instrument :
BNA_N
ClientSampleId :
DCGF2DL



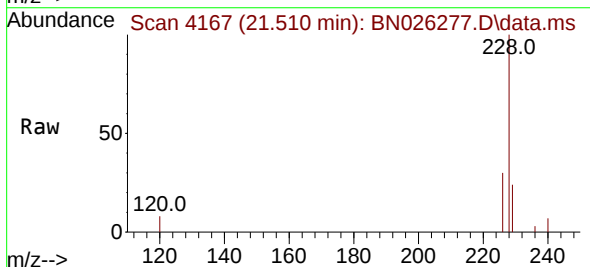
Tgt Ion:202 Resp: 78440
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.8 9.1 13.7

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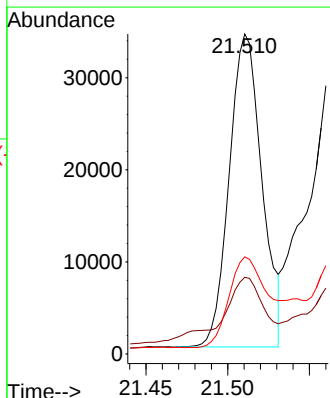
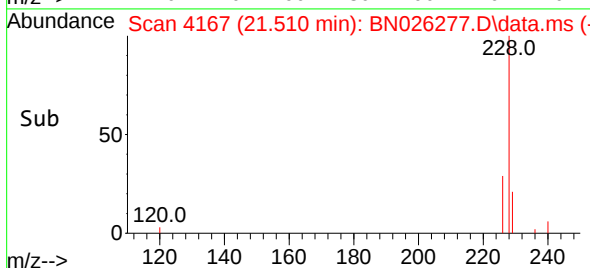
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

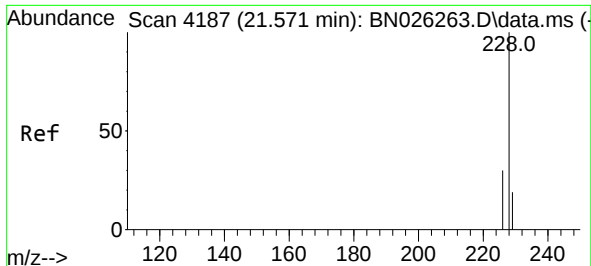


#21
Benzo(a)anthracene
Concen: 0.517 ng/u1
RT: 21.510 min Scan# 4167
Delta R.T. -0.005 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08



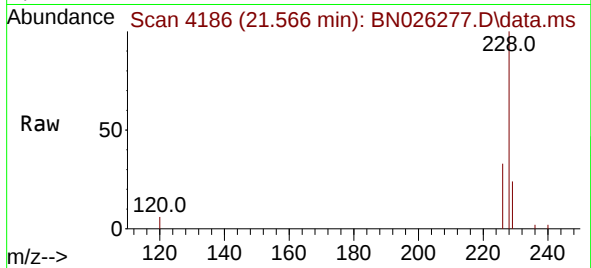
Tgt Ion:228 Resp: 47290
Ion Ratio Lower Upper
228 100
229 23.9 15.8 23.6#
226 30.3 22.5 33.7





#22
Chrysene
Concen: 0.671 ng/ul
RT: 21.566 min Scan# 4186
Delta R.T. -0.005 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

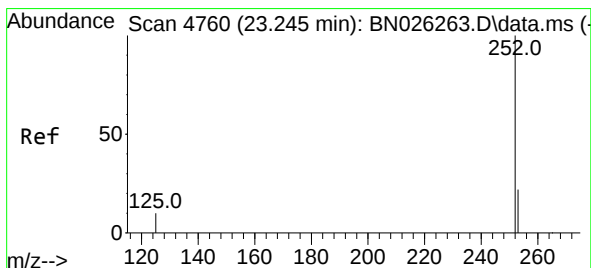
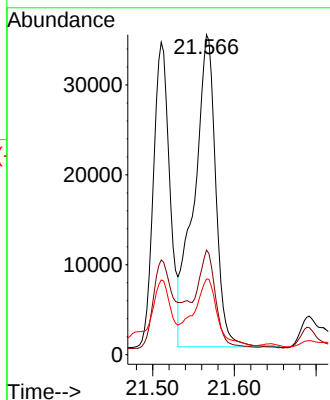
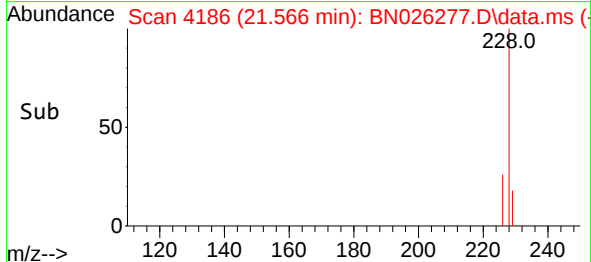
Instrument :
BNA_N
ClientSampleId :
DCGF2DL



Tgt Ion:228 Resp: 63925
Ion Ratio Lower Upper
228 100
226 32.7 24.8 37.2
229 23.7 15.7 23.5

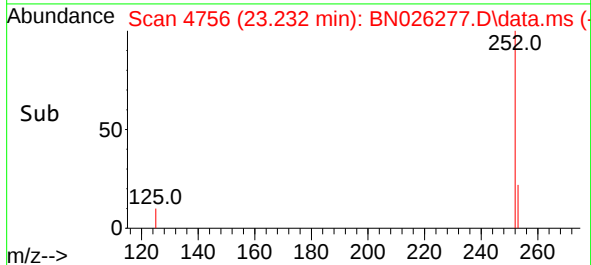
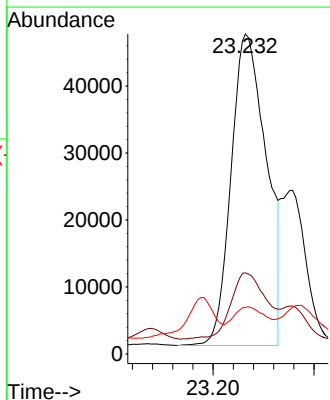
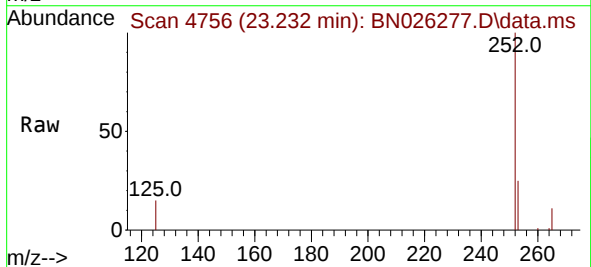
Manual Integrations
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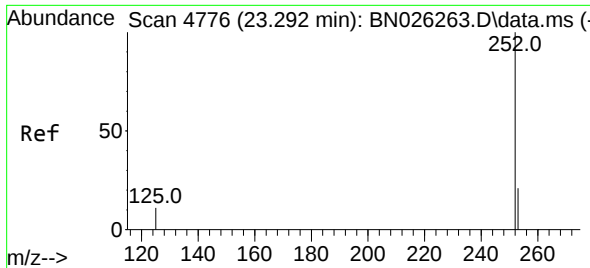
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#24
Benzo(b)fluoranthene
Concen: 1.053 ng/ul m
RT: 23.232 min Scan# 4756
Delta R.T. -0.013 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

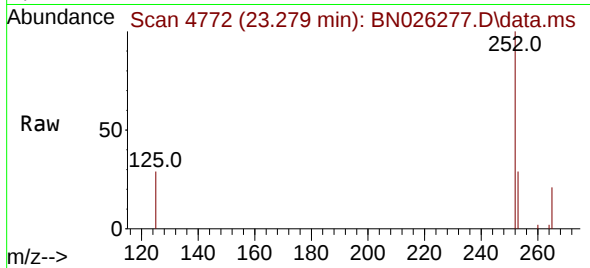
Tgt Ion:252 Resp: 112447
Ion Ratio Lower Upper
252 100
253 25.3 0.0 55.6
125 14.6 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul m
RT: 23.279 min Scan# 4975
Delta R.T. -0.013 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

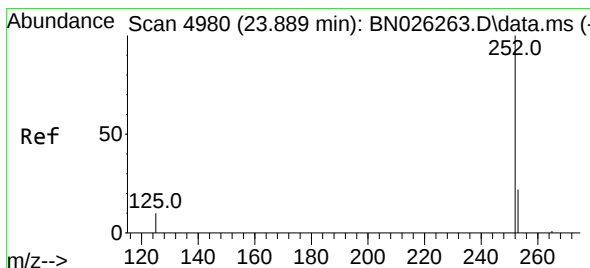
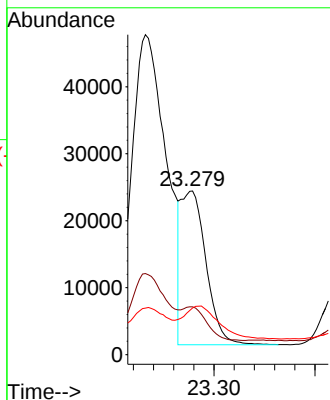
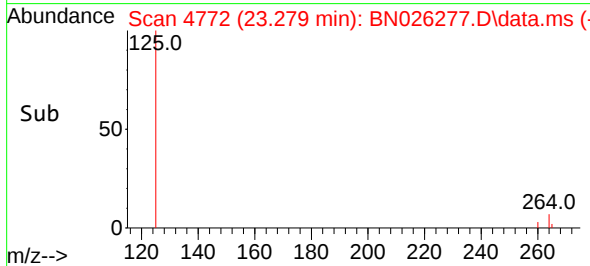
Instrument :
BNA_N
ClientSampleId :
DCGF2DL



Tgt Ion:252 Resp: 3952
Ion Ratio Lower Upper
252 100
253 29.2 23.2 34.8
125 28.6 15.0 22.4

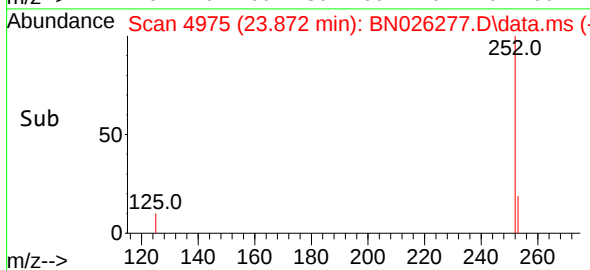
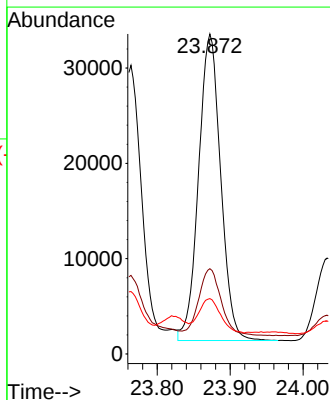
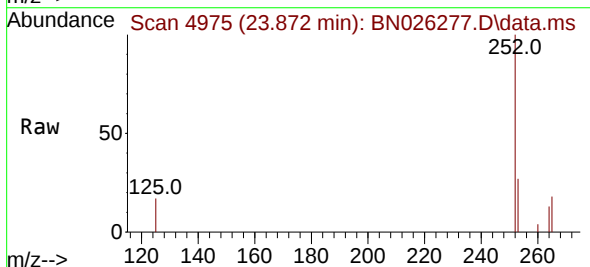
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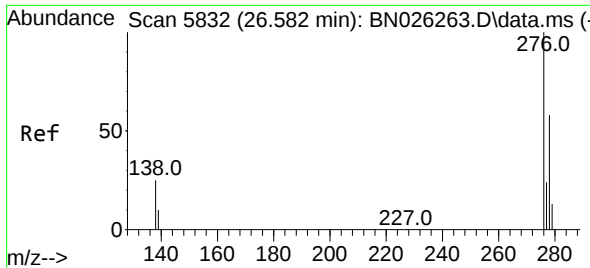
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.729 ng/ul
RT: 23.872 min Scan# 4975
Delta R.T. -0.016 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

Tgt Ion:252 Resp: 67645
Ion Ratio Lower Upper
252 100
253 26.6 26.0 39.0
125 17.3 17.3 25.9





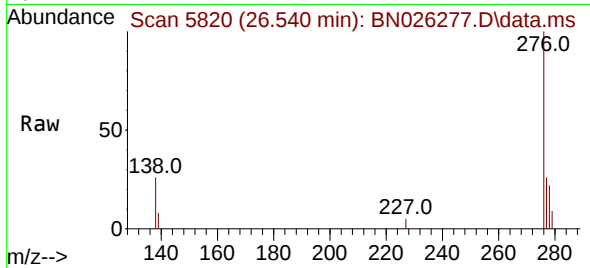
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng/ul
RT: 26.540 min Scan# 5820
Delta R.T. -0.042 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08

Instrument :

BNA_N

ClientSampleId :

DCGF2DL



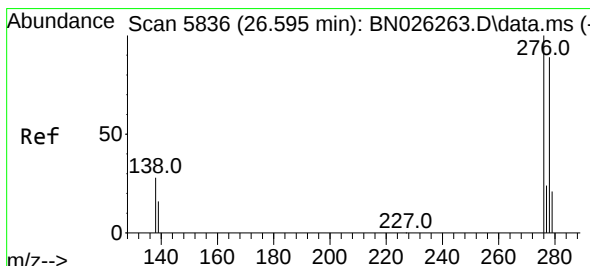
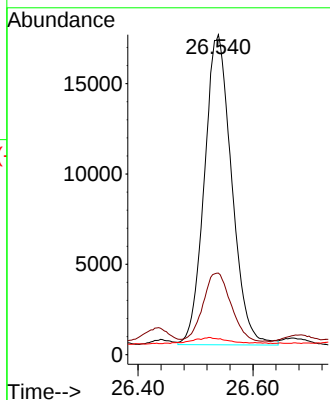
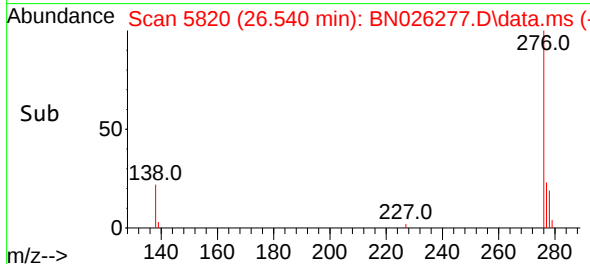
Tgt Ion:276 Resp: 5655
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 2.3 0.0 0.0#

Manual Integrations

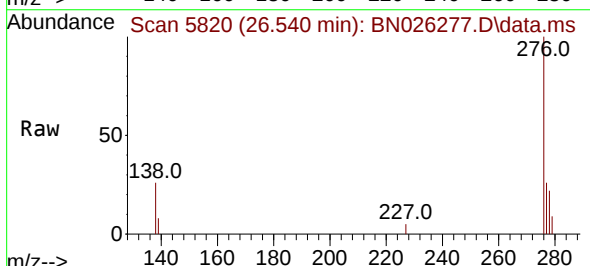
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Reviewed By :Yogesh Patel 07/05/2023

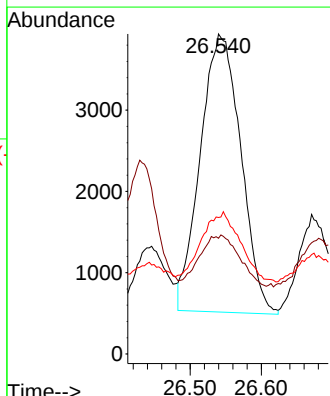
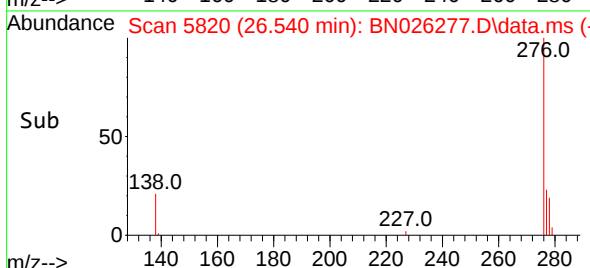
Supervised By :mohammad ahmed 07/05/2023

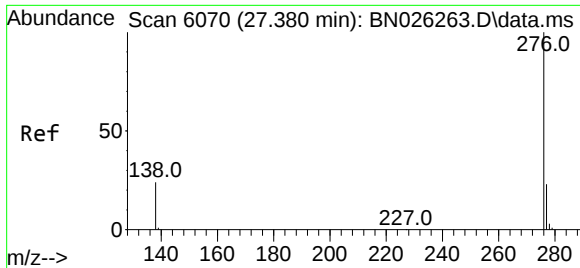


#28
Dibenzo(a,h)anthracene
Concen: 0.176 ng/ul
RT: 26.540 min Scan# 5820
Delta R.T. -0.055 min
Lab File: BN026277.D
Acq: 05 Jul 2023 00:08



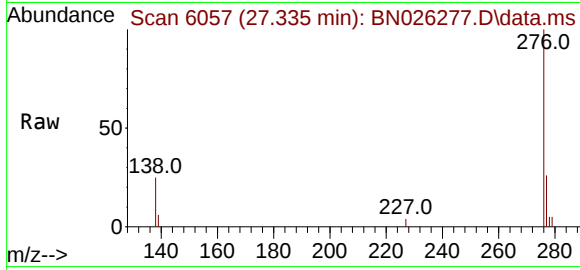
Tgt Ion:278 Resp: 13520
Ion Ratio Lower Upper
278 100
139 36.1 19.0 28.4#
279 42.7 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.592 ng/ul
 RT: 27.335 min Scan# 6057
 Delta R.T. -0.045 min
 Lab File: BN026277.D
 Acq: 05 Jul 2023 00:08

Instrument :
 BNA_N
 ClientSampleId :
 DCGF2DL



Tgt Ion: 276 Resp: 5341

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.4	35.0
277	25.8	20.0	30.0

Manual Integrations
 APPROVED

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

