

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026249.D
 Acq On : 04 Jul 2023 06:26
 Operator : MA/JU
 Sample : 03245-08DL 5X
 Misc :
 ALS Vial : 106 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGG6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 08:31:11 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	8798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	28613	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	16325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	31811	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17780	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	20239	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4329	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1255	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2352	0.035	ng/ul	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	12.425	142	1647	0.032	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	1300	0.024	ng/ul	99
15) Phenanthrene	17.385	178	12962	0.123	ng/ul	96
16) Anthracene	17.478	178	2614	0.028	ng/ul#	77
19) Fluoranthene	19.405	202	24932	0.263	ng/ul	97
20) Pyrene	19.763	202	20913	0.212	ng/ul	99
21) Benzo(a)anthracene	21.517	228	9658	0.132	ng/ul#	87
22) Chrysene	21.576	228	11756m	0.154	ng/ul	
24) Benzo(b)fluoranthene	23.247	252	17317m	0.200	ng/ul	
25) Benzo(k)fluoranthene	23.285	252	6205m	0.072	ng/ul	
26) Benzo(a)pyrene	23.891	252	10137	0.135	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.591	276	8888	0.108	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.594	278	2425	0.039	ng/ul#	1
29) Benzo(g,h,i)perylene	27.386	276	8320	0.114	ng/ul#	77

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

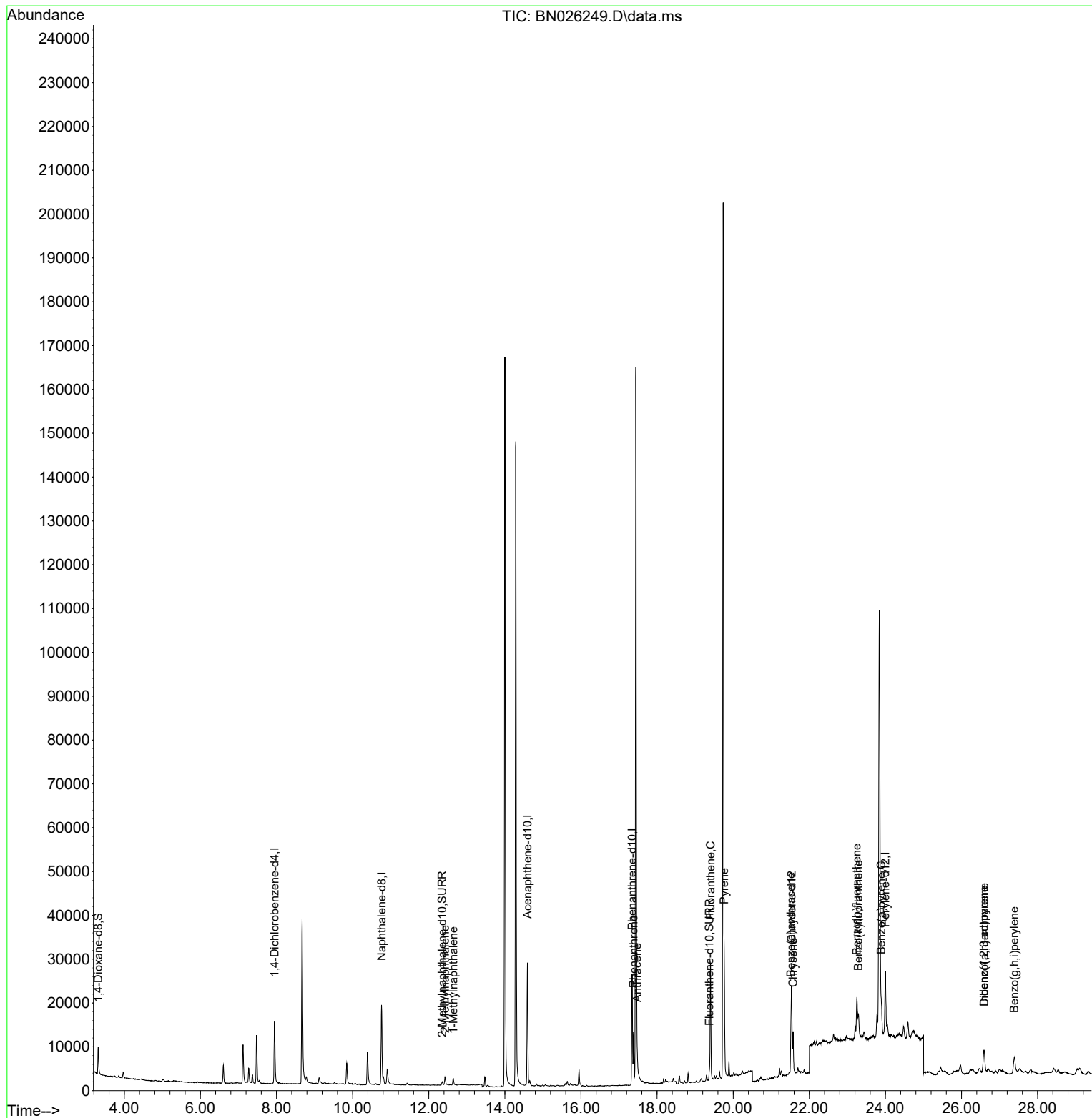
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026249.D
Acq On : 04 Jul 2023 06:26
Operator : MA/JU
Sample : 03245-08DL 5X
Misc :
ALS Vial : 106 Sample Multiplier: 1

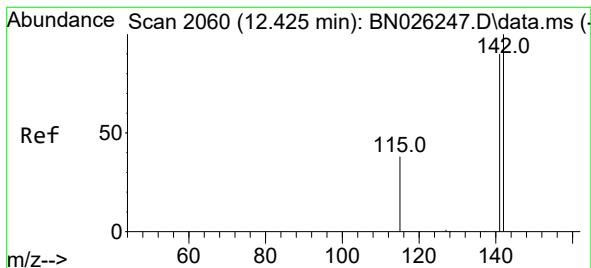
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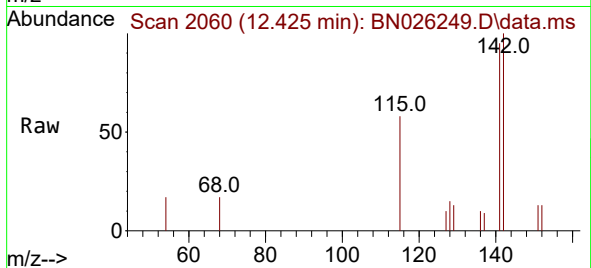
Quant Time: Jul 04 08:31:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
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#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN026249.D
Acq: 04 Jul 2023 06:26

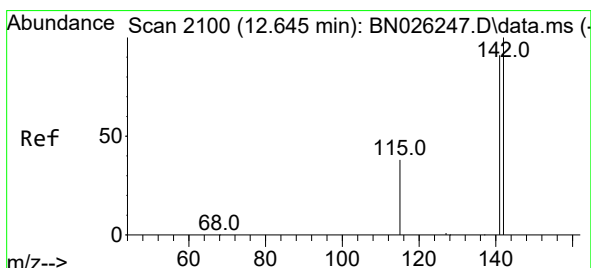
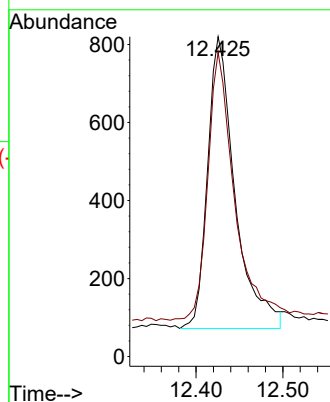
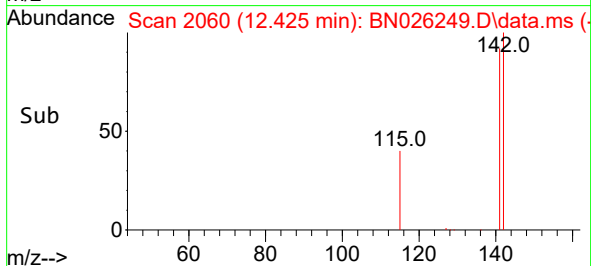
Instrument :
BNA_N
ClientSampleId :
DCGG6DL



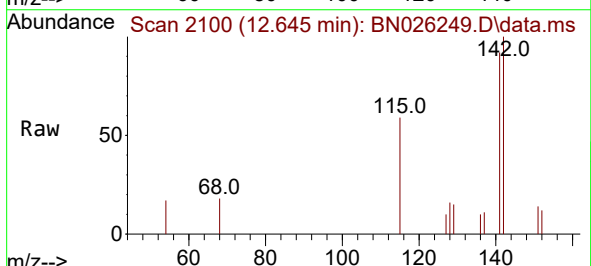
Tgt Ion:142 Resp: 164
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9

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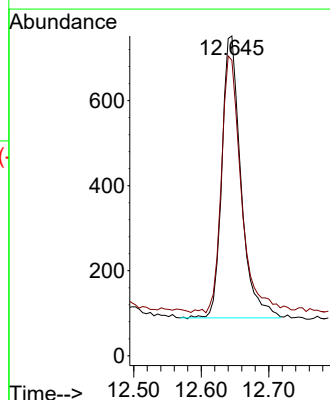
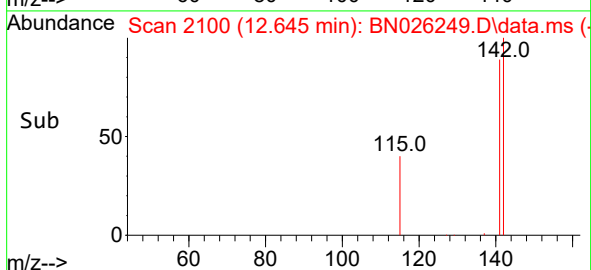
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

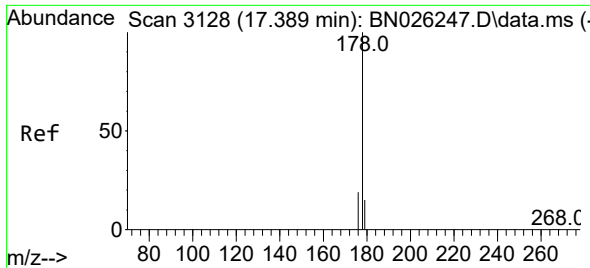


#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN026249.D
Acq: 04 Jul 2023 06:26



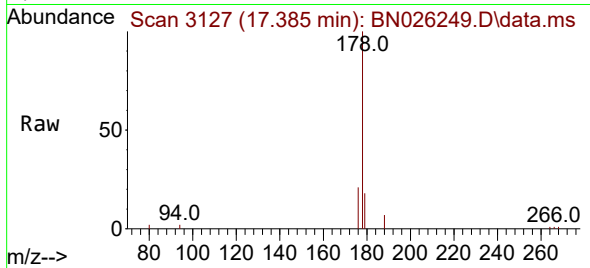
Tgt Ion:142 Resp: 1300
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.4





#15
Phenanthrene
Concen: 0.123 ng/u1
RT: 17.385 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BN026249.D
Acq: 04 Jul 2023 06:26

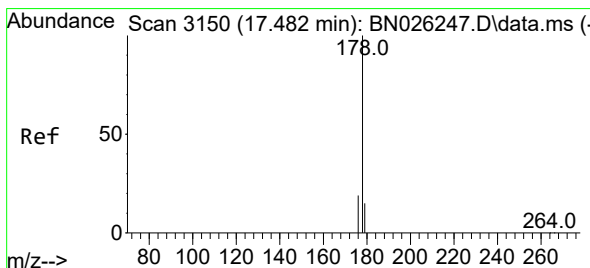
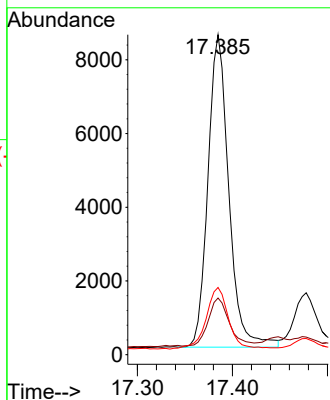
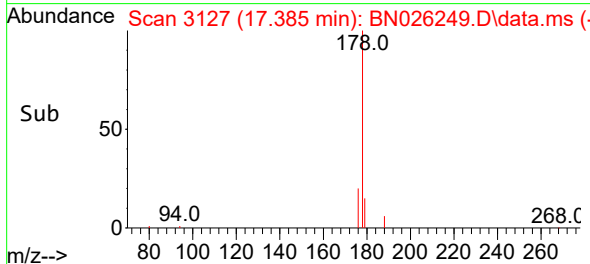
Instrument :
BNA_N
ClientSampleId :
DCGG6DL



Tgt Ion:178 Resp: 12962
Ion Ratio Lower Upper
178 100
179 17.7 12.6 19.0
176 21.0 15.8 23.6

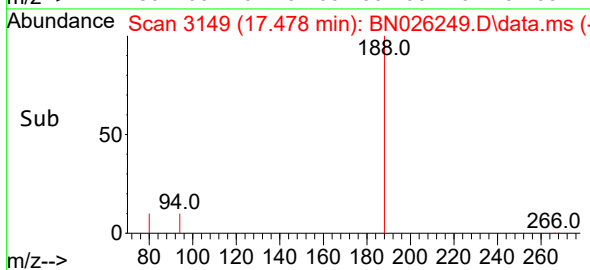
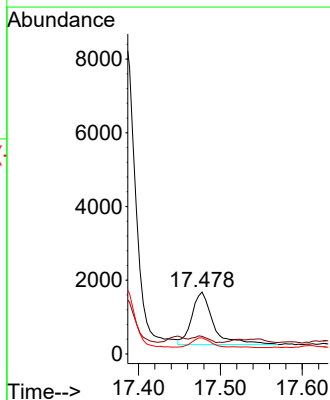
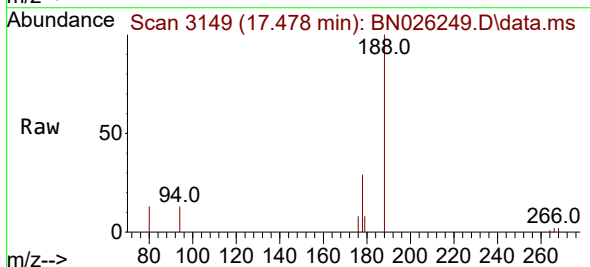
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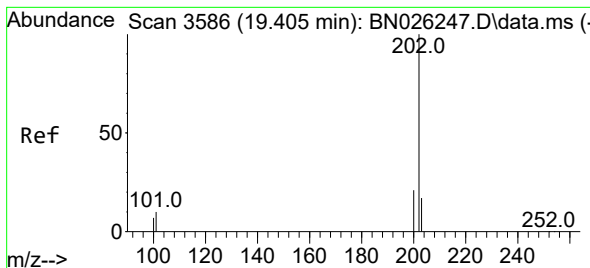
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.028 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026249.D
Acq: 04 Jul 2023 06:26

Tgt Ion:178 Resp: 2614
Ion Ratio Lower Upper
178 100
179 28.6 12.6 18.8#
176 26.2 15.1 22.7#





#19

Fluoranthene

Concen: 0.263 ng/ul

RT: 19.405 min Scan# 3586

Delta R.T. -0.000 min

Lab File: BN026249.D

Acq: 04 Jul 2023 06:26

Instrument :

BNA_N

ClientSampleId :

DCGG6DL

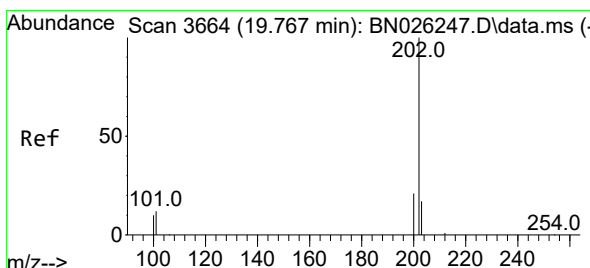
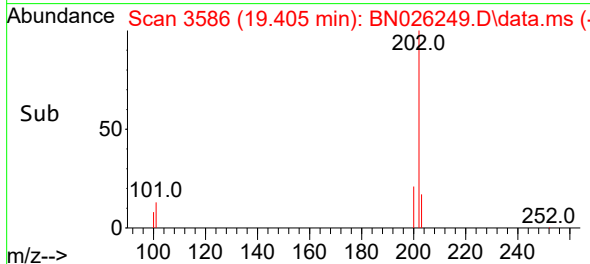
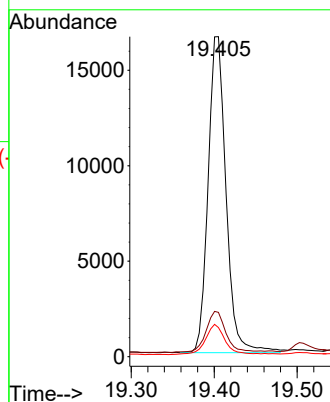
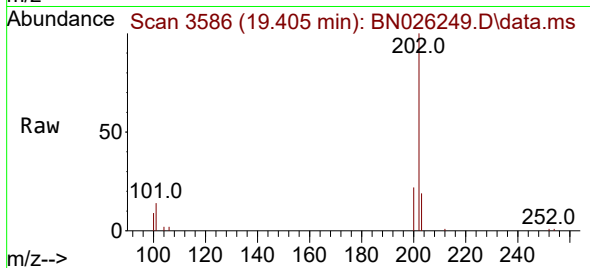
Tgt Ion:	202	Resp:	2493
Ion Ratio	Lower	Upper	
202	100		
101	13.8	9.5	14.3
100	9.1	7.3	10.9

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#20

Pyrene

Concen: 0.212 ng/ul

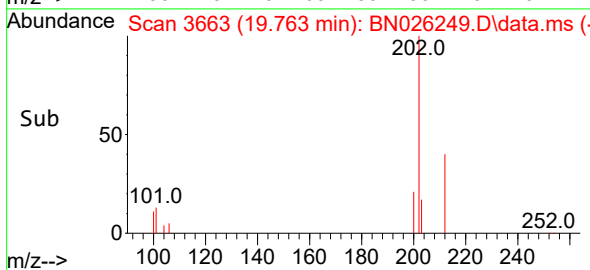
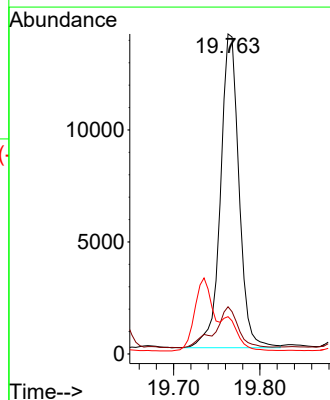
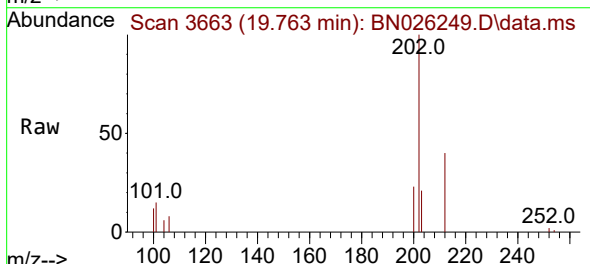
RT: 19.763 min Scan# 3663

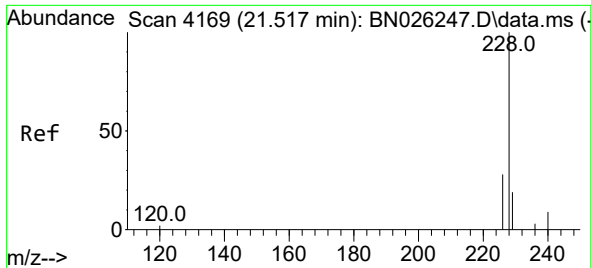
Delta R.T. -0.009 min

Lab File: BN026249.D

Acq: 04 Jul 2023 06:26

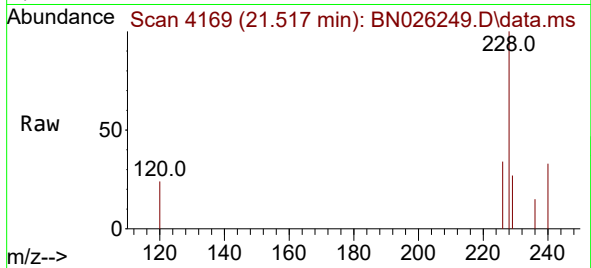
Tgt Ion:	202	Resp:	20913
Ion Ratio	Lower	Upper	
202	100		
101	14.8	11.4	17.0
100	11.6	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.132 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BN026249.D
Acq: 04 Jul 2023 06:26

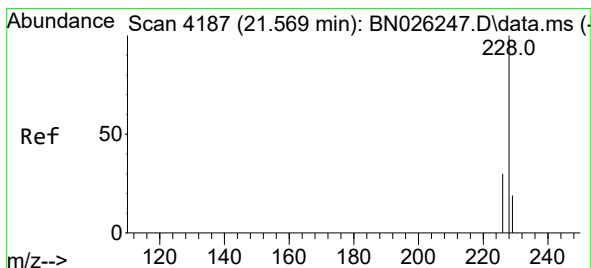
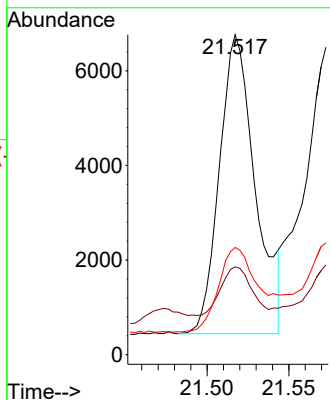
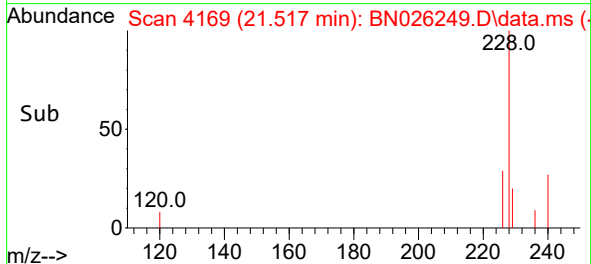
Instrument :
BNA_N
ClientSampleId :
DCGG6DL



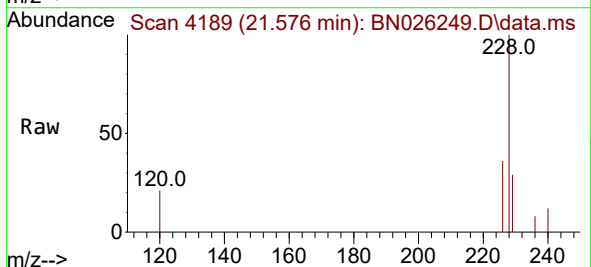
Tgt Ion:228 Resp: 9658
Ion Ratio Lower Upper
228 100
229 27.5 15.8 23.6
226 33.5 22.5 33.7

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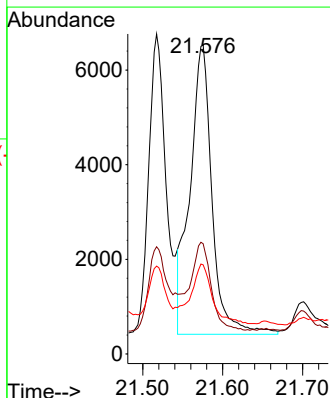
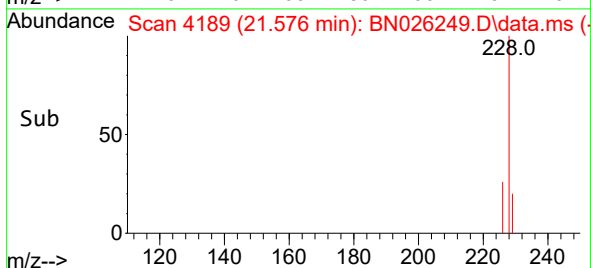
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

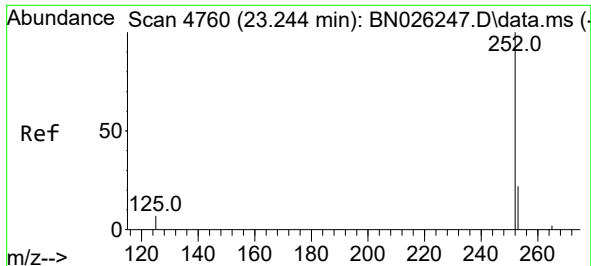


#22
Chrysene
Concen: 0.154 ng/ul m
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026249.D
Acq: 04 Jul 2023 06:26



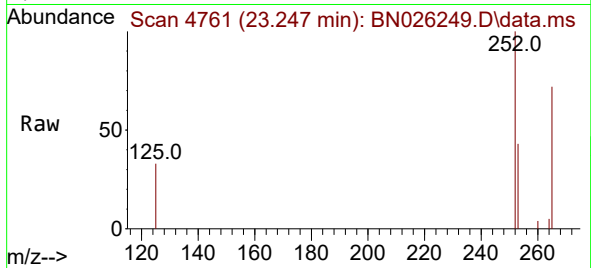
Tgt Ion:228 Resp: 11756
Ion Ratio Lower Upper
228 100
226 35.7 24.8 37.2
229 28.8 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.200 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026249.D
Acq: 04 Jul 2023 06:26

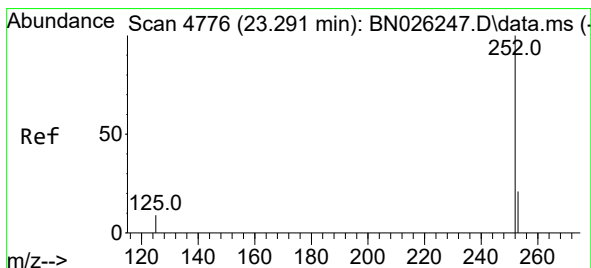
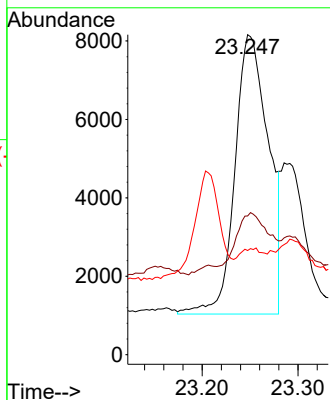
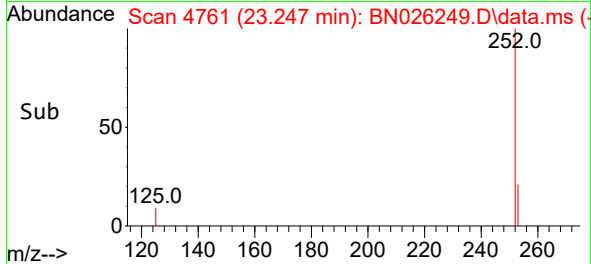
Instrument :
BNA_N
ClientSampleId :
DCGG6DL



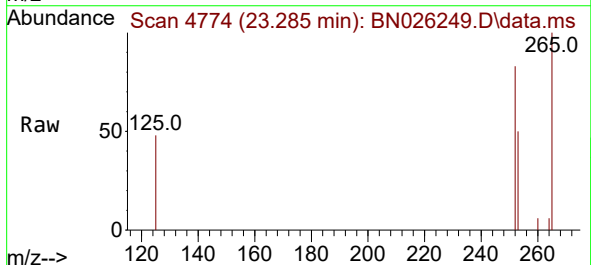
Tgt Ion:252 Resp: 1731
Ion Ratio Lower Upper
252 100
253 43.4 0.0 55.6
125 32.6 0.0 35.8

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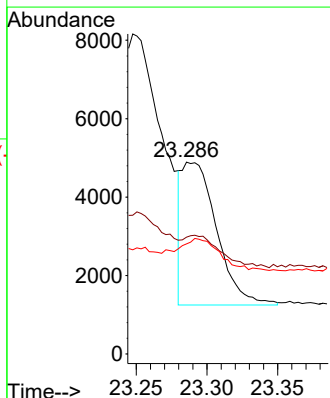
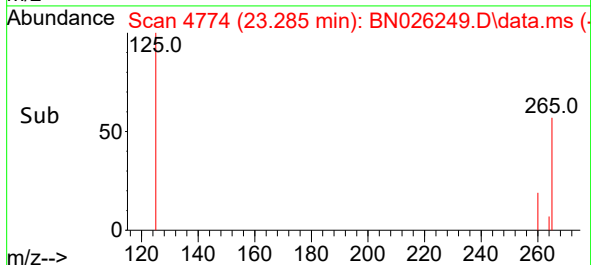
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

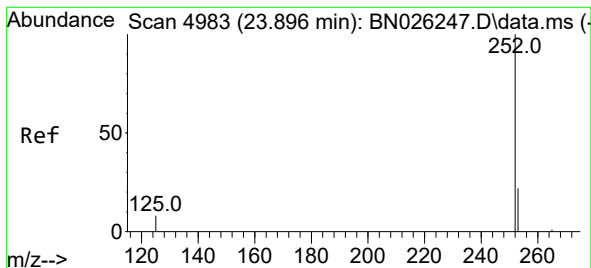


#25
Benzo(k)fluoranthene
Concen: 0.072 ng/ul m
RT: 23.285 min Scan# 4774
Delta R.T. -0.018 min
Lab File: BN026249.D
Acq: 04 Jul 2023 06:26



Tgt Ion:252 Resp: 6205
Ion Ratio Lower Upper
252 100
253 60.9 23.2 34.8#
125 57.4 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.135 ng/ul

RT: 23.891 min Scan# 4981

Delta R.T. -0.003 min

Lab File: BN026249.D

Acq: 04 Jul 2023 06:26

Instrument :

BN026249.D

ClientSampleId :

DCGG6DL

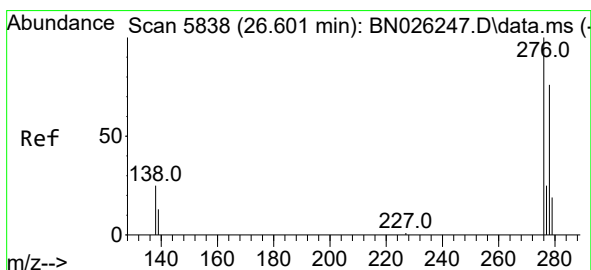
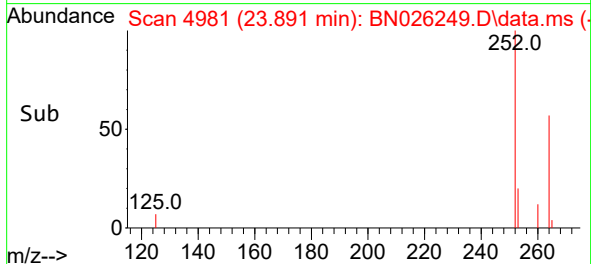
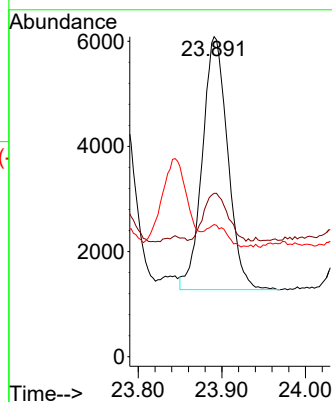
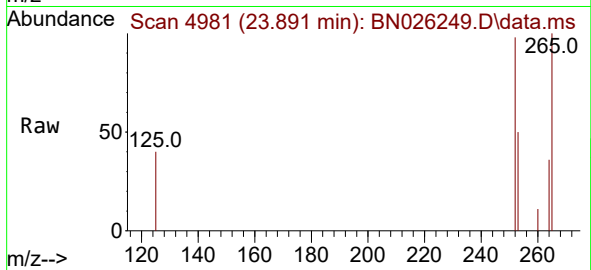
Tgt Ion:252	Resp:	1013
Ion Ratio	Lower	Upper
252	100	
253	51.0	26.0 39.0
125	41.3	17.3 25.9

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.108 ng/ul

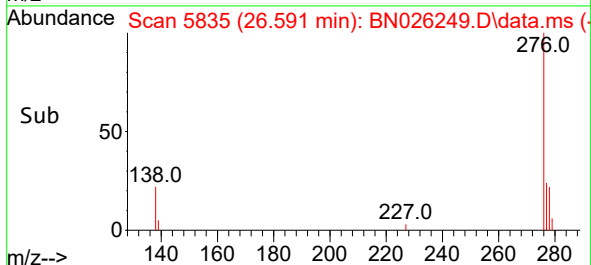
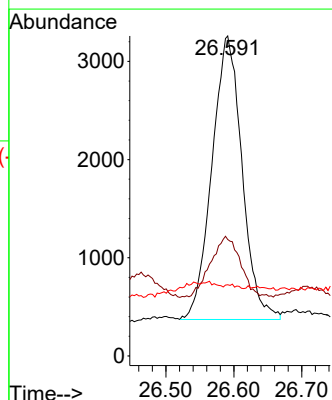
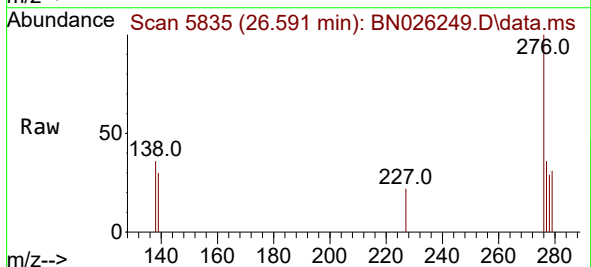
RT: 26.591 min Scan# 5835

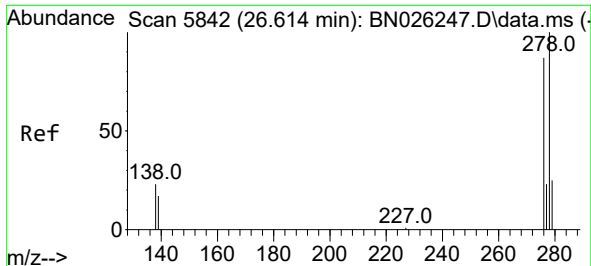
Delta R.T. 0.003 min

Lab File: BN026249.D

Acq: 04 Jul 2023 06:26

Tgt Ion:276	Resp:	8888
Ion Ratio	Lower	Upper
276	100	
138	22.7	24.5 36.7
227	0.0	0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.039 ng/ul

RT: 26.594 min Scan# 5836

Delta R.T. -0.013 min

Lab File: BN026249.D

Acq: 04 Jul 2023 06:26

Instrument :

BNA_N

ClientSampleId :

DCGG6DL

Tgt Ion:278 Resp: 242

Ion Ratio Lower Upper

278 100

139 98.2 19.0 28.4

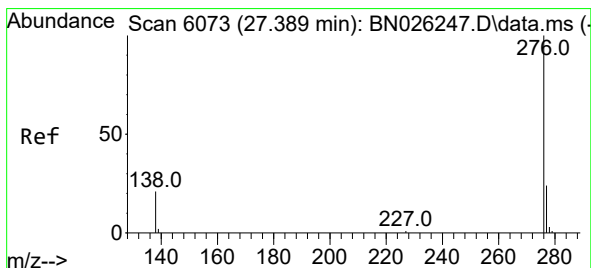
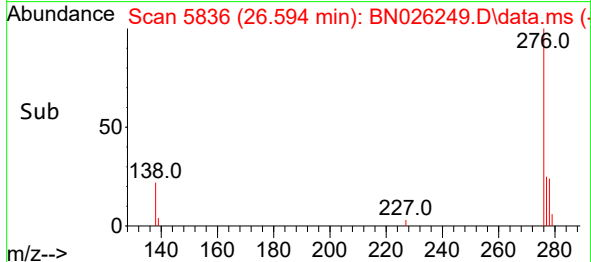
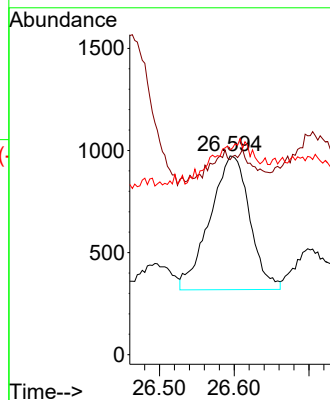
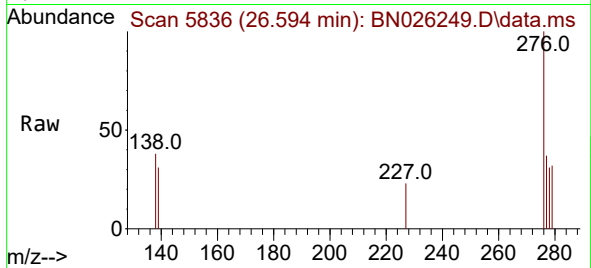
279 103.1 26.7 40.1

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#29

Benzo(g,h,i)perylene

Concen: 0.114 ng/ul

RT: 27.386 min Scan# 6072

Delta R.T. -0.000 min

Lab File: BN026249.D

Acq: 04 Jul 2023 06:26

Tgt Ion:276 Resp: 8320

Ion Ratio Lower Upper

276 100

138 40.8 23.4 35.0#

277 37.7 20.0 30.0#

