

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027790.D
 Acq On : 21 Sep 2023 17:01
 Operator : MA/JU
 Sample : 04330-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 04:00:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5070	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	16944	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	9991	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	22852	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	20956	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	20165	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	14955	2.342	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	3888	0.151	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	10648	0.166	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.434	178	3536	0.049	ng/ul#	87
19) Fluoranthene	19.446	202	11365	0.134	ng/ul	97
20) Pyrene	19.813	202	16442m	0.188	ng/ul	
21) Benzo(a)anthracene	21.554	228	4405	0.054	ng/ul#	41
22) Chrysene	21.609	228	13683m	0.163	ng/ul	
24) Benzo(b)fluoranthene	23.293	252	12205m	0.136	ng/ul	
25) Benzo(k)fluoranthene	23.337	252	4093m	0.047	ng/ul	
26) Benzo(a)pyrene	23.954	252	6327	0.088	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.687	276	5738	0.062	ng/ul#	99
29) Benzo(g,h,i)perylene	27.512	276	11820	0.150	ng/ul#	60

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

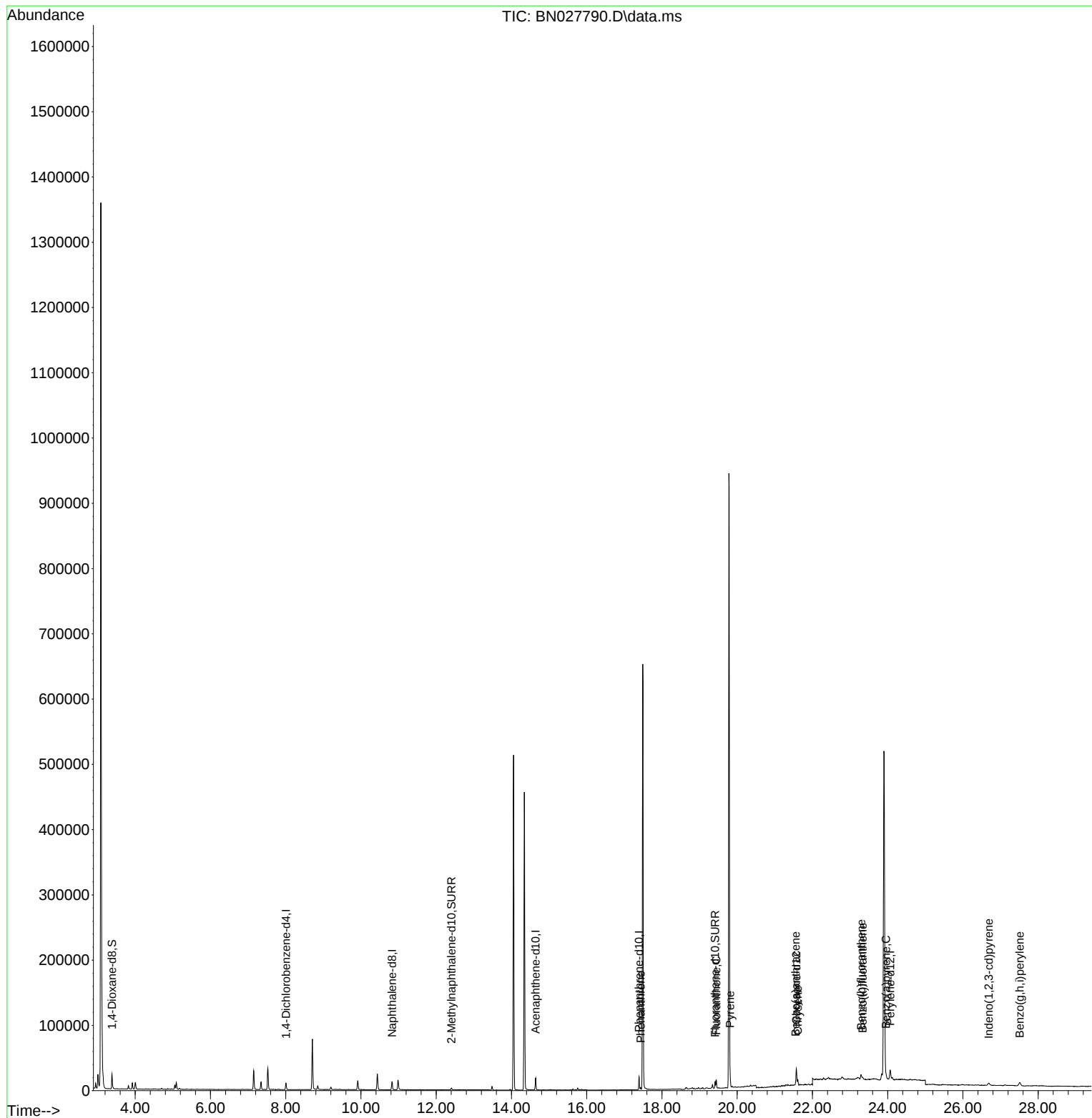
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027790.D
Acq On : 21 Sep 2023 17:01
Operator : MA/JU
Sample : 04330-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

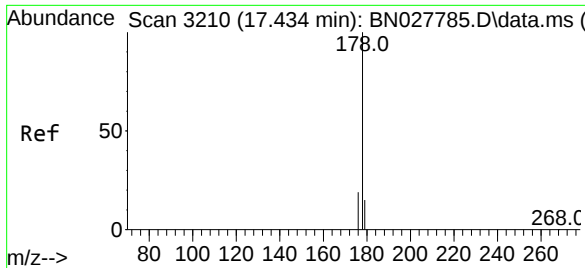
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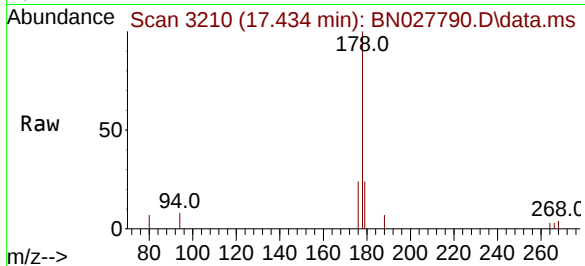
Quant Time: Sep 22 04:00:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.049 ng/u1
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027790.D
Acq: 21 Sep 2023 17:01

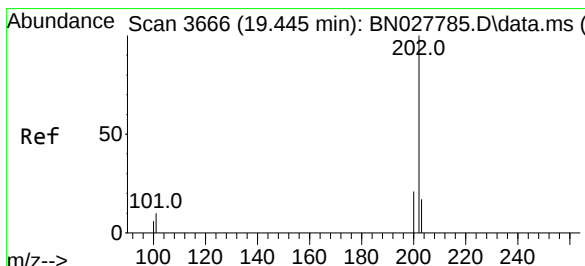
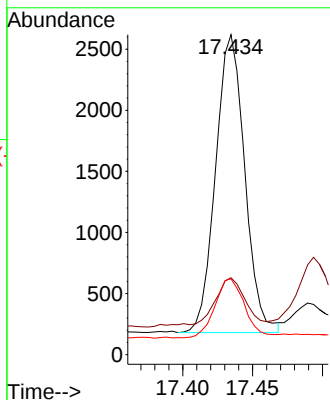
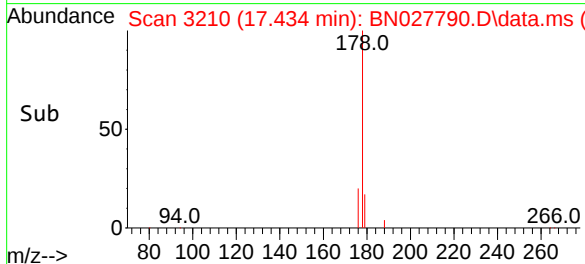
Instrument :
BNA_N
ClientSampleId :
EZYF9



Tgt Ion:178 Resp: 3530
Ion Ratio Lower Upper
178 100
179 24.0 12.4 18.6
176 23.7 16.0 24.0

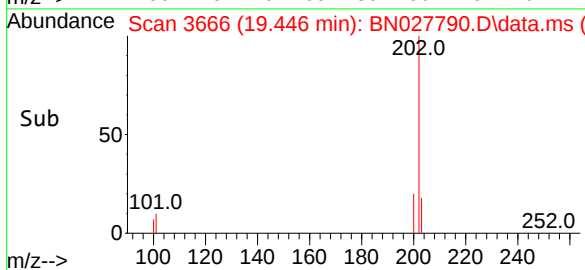
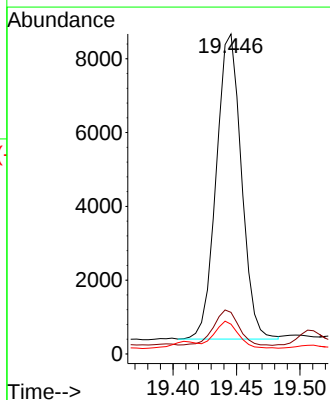
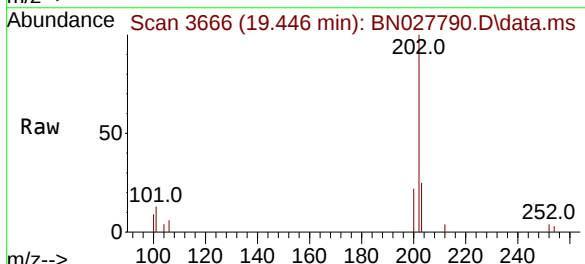
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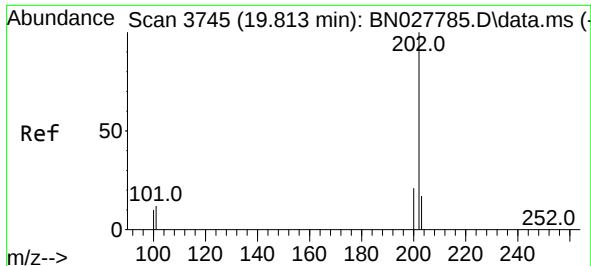
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#19
Fluoranthene
Concen: 0.134 ng/u1
RT: 19.446 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027790.D
Acq: 21 Sep 2023 17:01

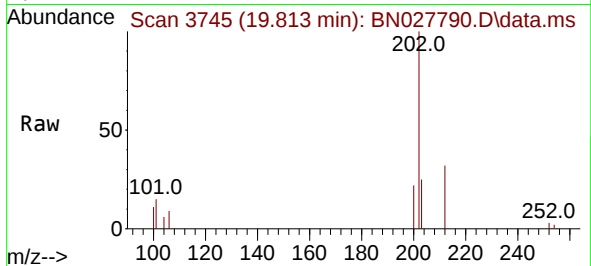
Tgt Ion:202 Resp: 11365
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 9.3 7.0 10.4





#20
Pyrene
Concen: 0.188 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027790.D
Acq: 21 Sep 2023 17:01

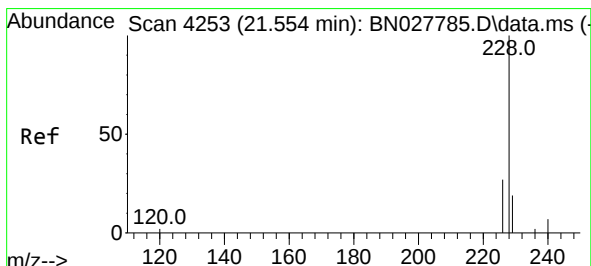
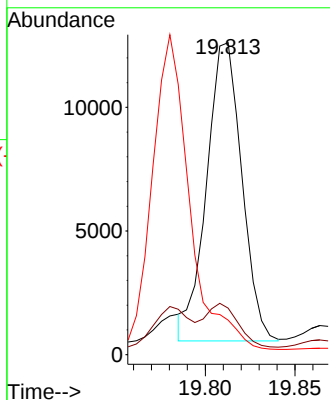
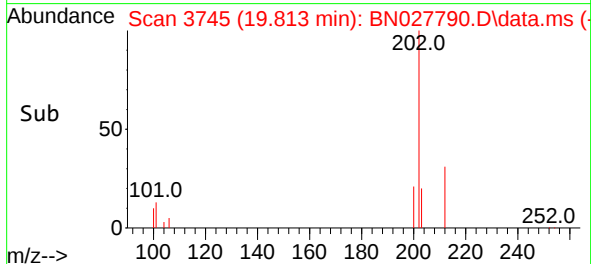
Instrument :
BNA_N
ClientSampleId :
EZYF9



Tgt Ion:202 Resp: 1644
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.1 9.1 13.7

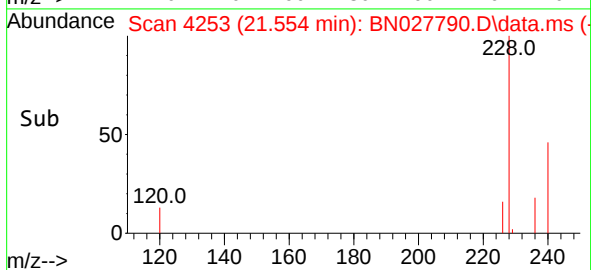
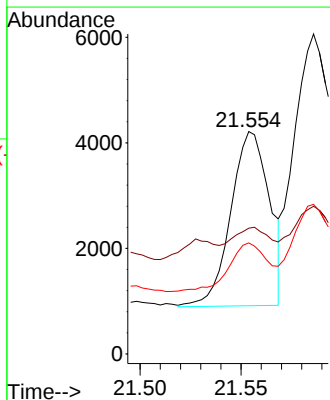
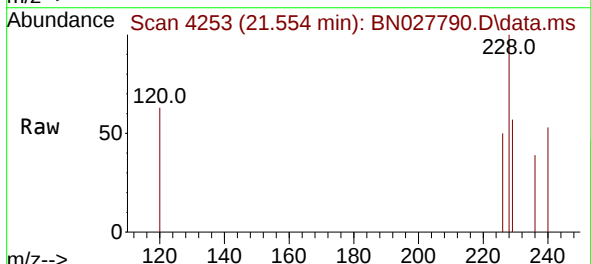
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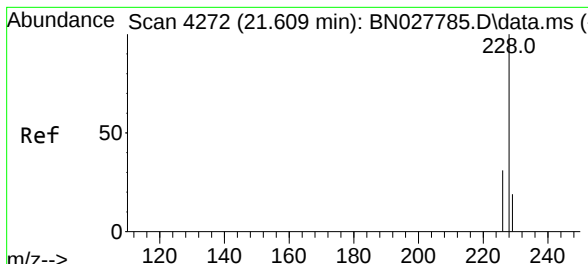
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#21
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027790.D
Acq: 21 Sep 2023 17:01

Tgt Ion:228 Resp: 4405
Ion Ratio Lower Upper
228 100
229 56.6 15.8 23.8#
226 50.0 22.0 33.0#





#22

Chrysene

Concen: 0.163 ng/ul m

RT: 21.609 min Scan# 4272

Delta R.T. 0.000 min

Lab File: BN027790.D

Acq: 21 Sep 2023 17:01

Instrument :

BNA_N

ClientSampleId :

EZYF9

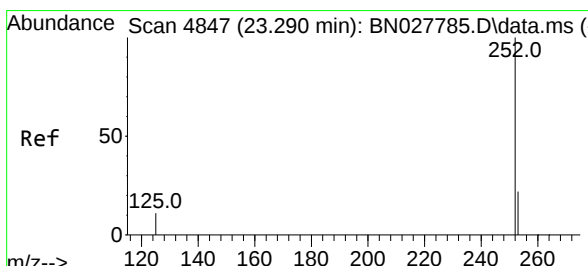
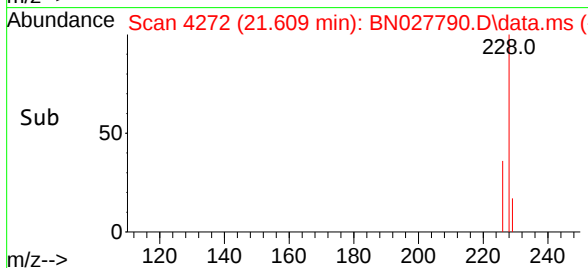
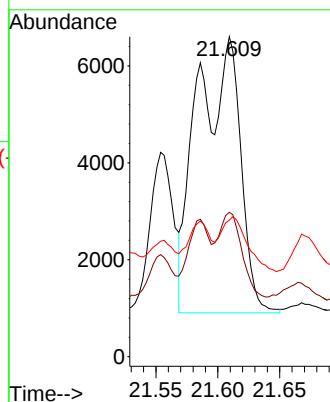
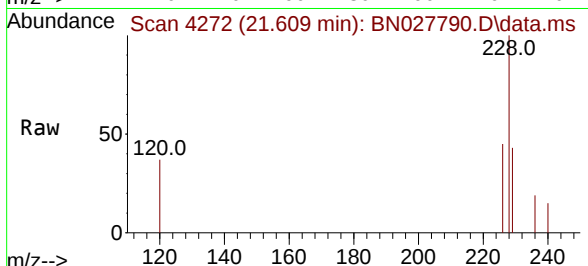
Tgt Ion:	228	Resp:	1368
Ion Ratio	Lower	Upper	
228	100		
226	45.1	24.5	36.7
229	42.7	16.0	24.0

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#24

Benzo(b)fluoranthene

Concen: 0.136 ng/ul m

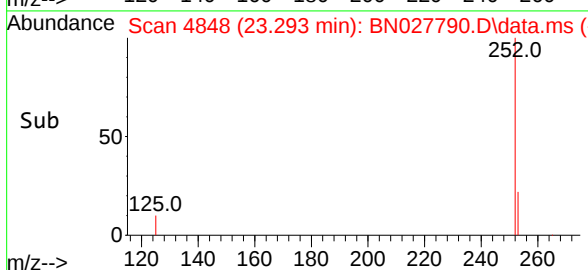
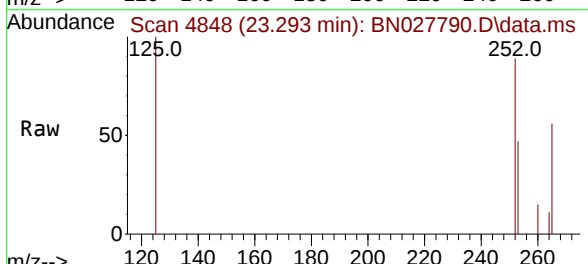
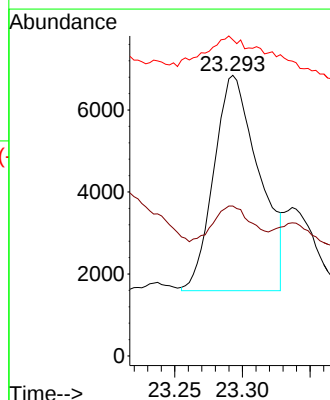
RT: 23.293 min Scan# 4848

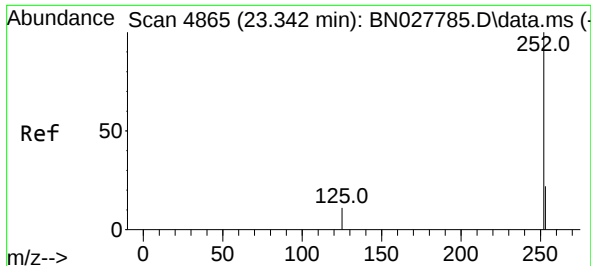
Delta R.T. 0.003 min

Lab File: BN027790.D

Acq: 21 Sep 2023 17:01

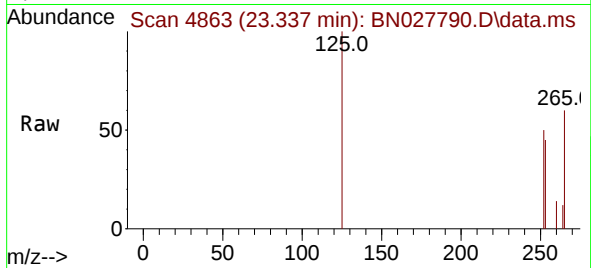
Tgt Ion:	252	Resp:	12205
Ion Ratio	Lower	Upper	
252	100		
253	53.4	0.0	50.2
125	112.7	0.0	31.4





#25
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 23.337 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027790.D
Acq: 21 Sep 2023 17:01

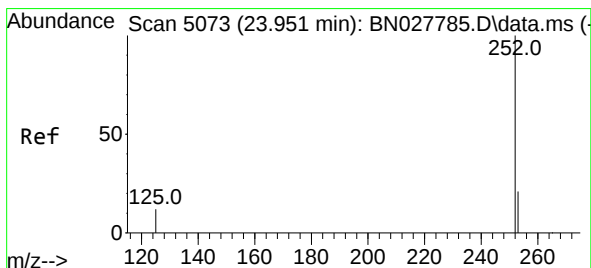
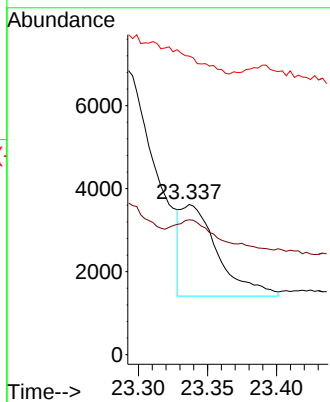
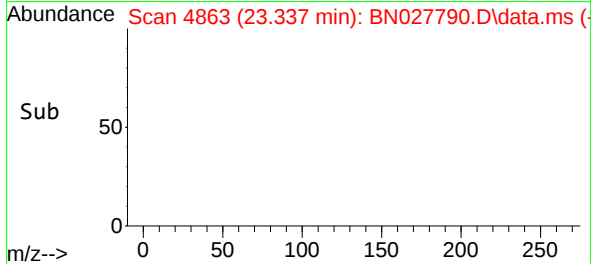
Instrument :
BNA_N
ClientSampleId :
EZYF9



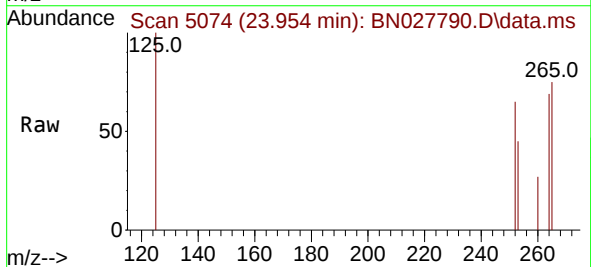
Tgt Ion:252 Resp: 409
Ion Ratio Lower Upper
252 100
253 89.8 19.9 29.9#
125 198.7 12.6 19.0#

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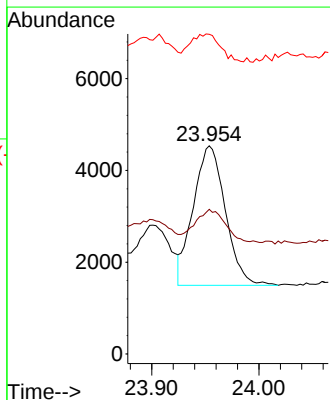
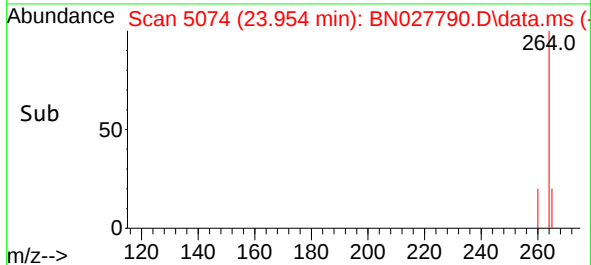
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

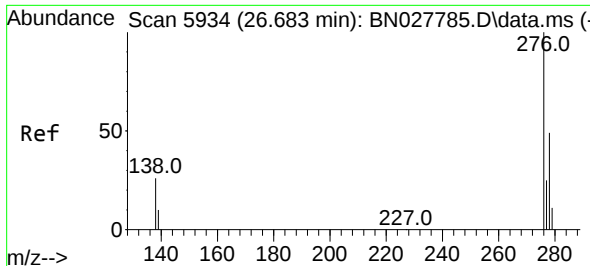


#26
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027790.D
Acq: 21 Sep 2023 17:01



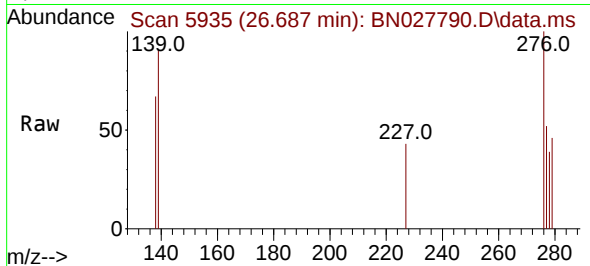
Tgt Ion:252 Resp: 6327
Ion Ratio Lower Upper
252 100
253 69.5 21.9 32.9#
125 153.6 15.5 23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul
RT: 26.687 min Scan# 5934
Delta R.T. 0.004 min
Lab File: BN027790.D
Acq: 21 Sep 2023 17:01

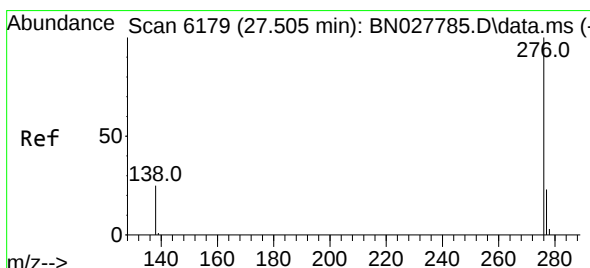
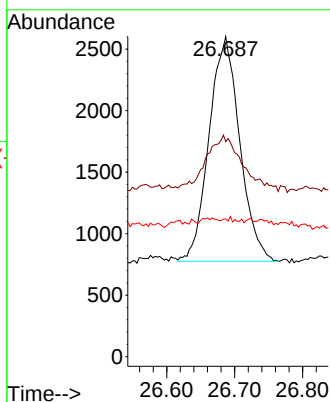
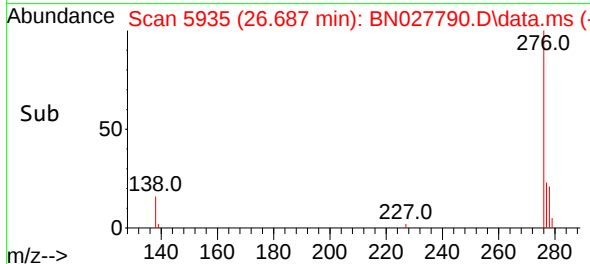
Instrument :
BNA_N
ClientSampleId :
EZYF9



Tgt Ion:276 Resp: 5738
Ion Ratio Lower Upper
276 100
138 29.6 24.3 36.5
227 2.5 0.0 0.0

Manual Integrations
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Supervised By :mohammad ahmed 09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.150 ng/ul
RT: 27.512 min Scan# 6181
Delta R.T. 0.007 min
Lab File: BN027790.D
Acq: 21 Sep 2023 17:01

Tgt Ion:276 Resp: 11820
Ion Ratio Lower Upper
276 100
138 51.5 21.7 32.5#
277 41.4 20.2 30.2#

