

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027793.D
 Acq On : 21 Sep 2023 18:51
 Operator : MA/JU
 Sample : 04330-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYW7

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 04:01:15 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	8.008	152	5232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	17410	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	10221	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	23114	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	19704	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	17423	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	18260	2.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	8660	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	21902	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.434	178	6113	0.084	ng/ul#	89
19) Fluoranthene	19.445	202	10384	0.130	ng/ul#	95
20) Pyrene	19.813	202	25597m	0.312	ng/ul	
21) Benzo(a)anthracene	21.554	228	7421	0.097	ng/ul#	41
22) Chrysene	21.609	228	21889m	0.278	ng/ul	
24) Benzo(b)fluoranthene	23.293	252	13334m	0.172	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	4445m	0.059	ng/ul	
26) Benzo(a)pyrene	23.956	252	13780	0.221	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	26.690	276	7010	0.088	ng/ul#	98
29) Benzo(g,h,i)perylene	27.512	276	19862	0.292	ng/ul#	68

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

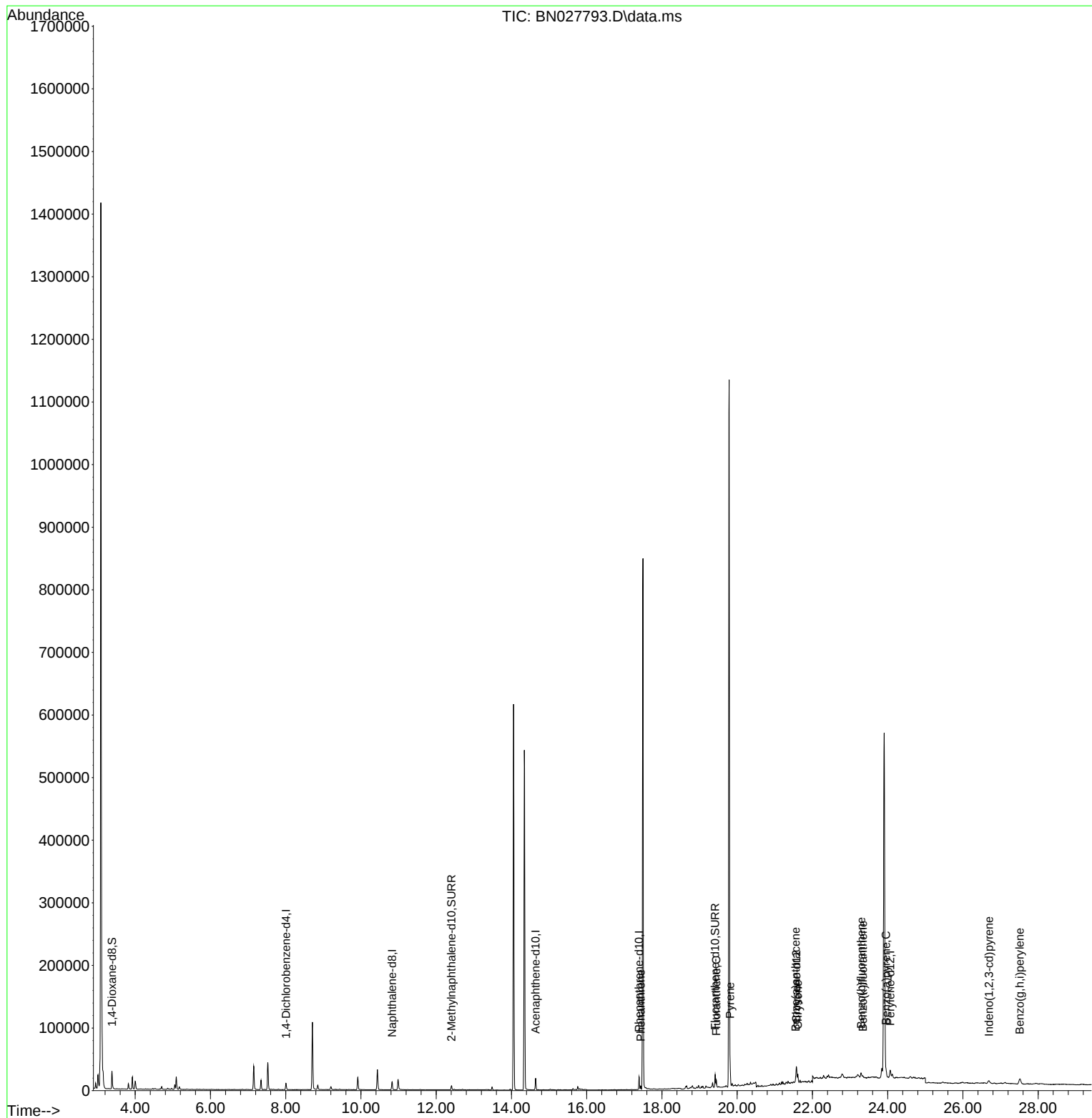
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027793.D
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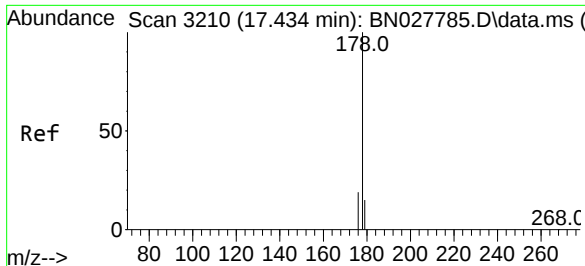
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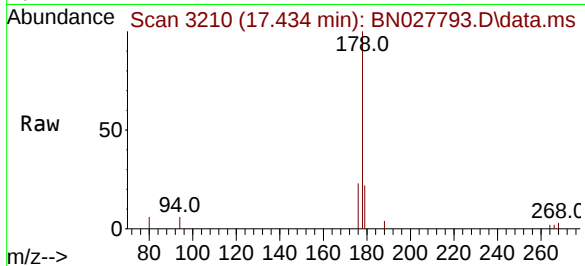
Quant Time: Sep 22 04:01:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.084 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51

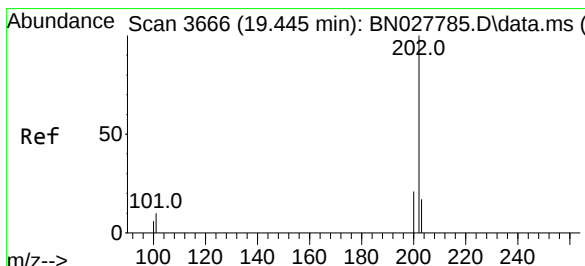
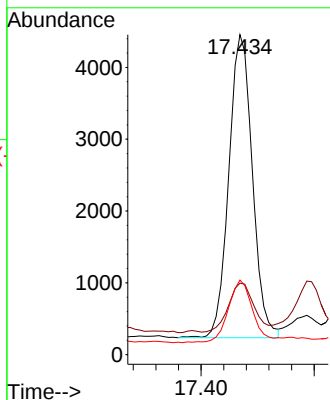
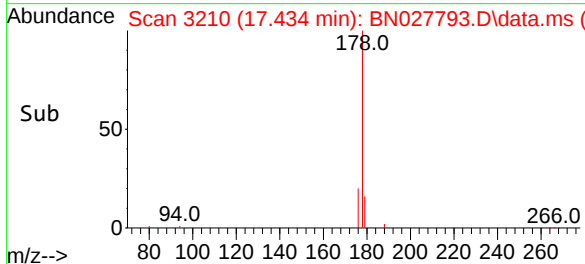
Instrument :
BNA_N
ClientSampleId :
EZYW7



Tgt Ion:178 Resp: 611
Ion Ratio Lower Upper
178 100
179 22.3 12.4 18.6
176 23.3 16.0 24.0

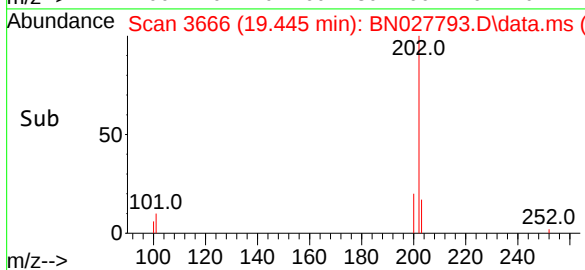
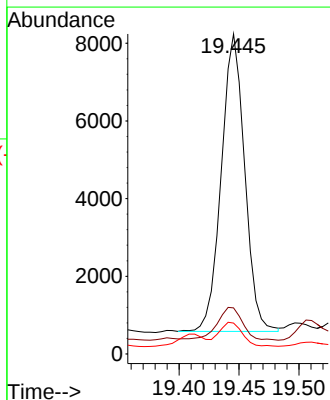
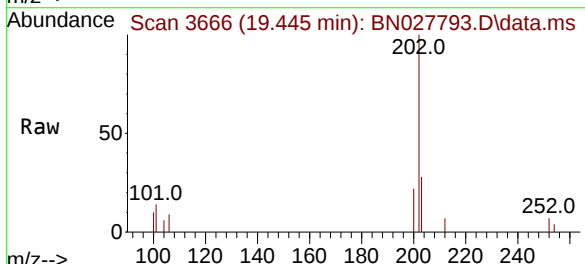
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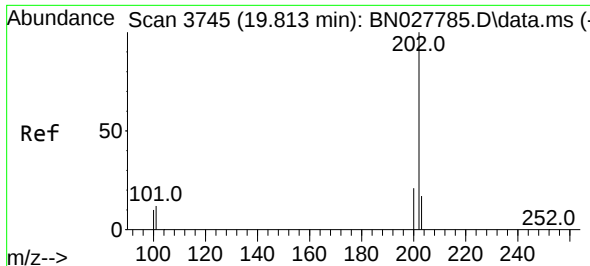
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#19
Fluoranthene
Concen: 0.130 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51

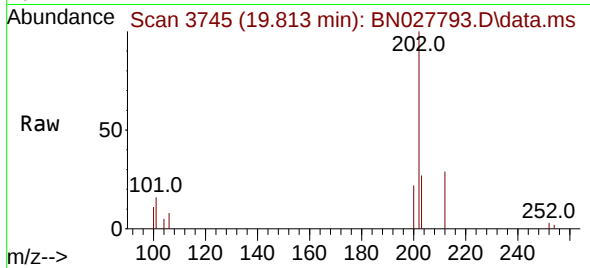
Tgt Ion:202 Resp: 10384
Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9#
100 9.6 7.0 10.4





#20
Pyrene
Concen: 0.312 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51

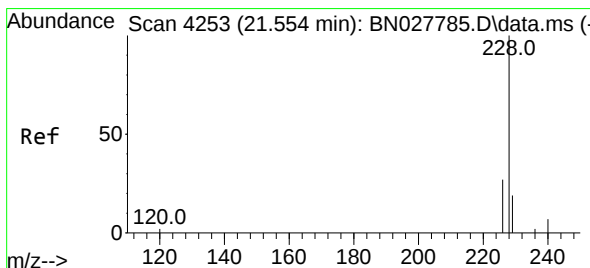
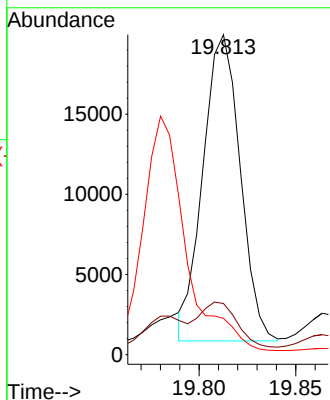
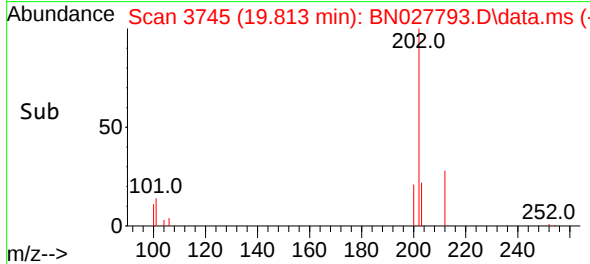
Instrument :
BNA_N
ClientSampleId :
EZYW7



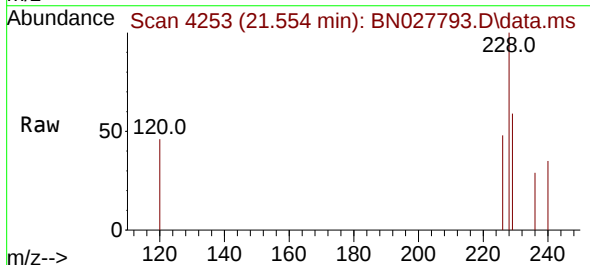
Tgt Ion:202 Resp: 2559
Ion Ratio Lower Upper
202 100
101 16.0 11.4 17.0
100 11.4 9.1 13.7

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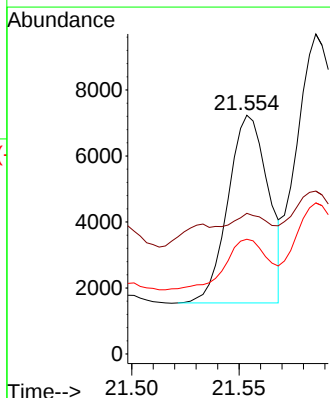
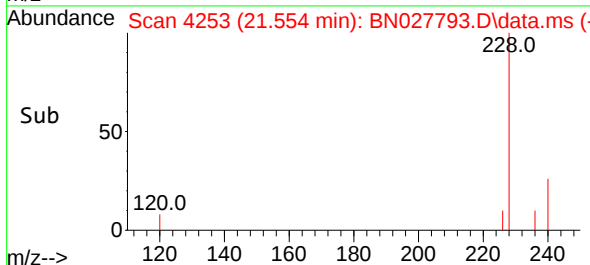
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

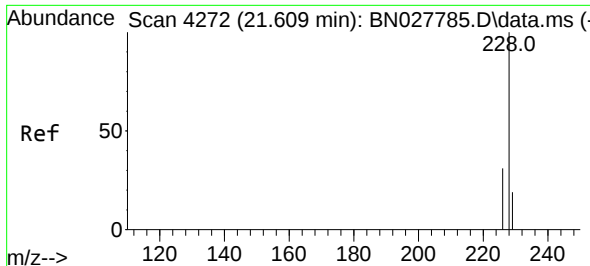


#21
Benzo(a)anthracene
Concen: 0.097 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51



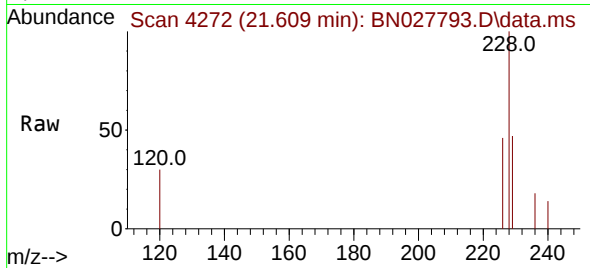
Tgt Ion:228 Resp: 7421
Ion Ratio Lower Upper
228 100
229 58.9 15.8 23.8#
226 48.0 22.0 33.0#





#22
Chrysene
Concen: 0.278 ng/ul m
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51

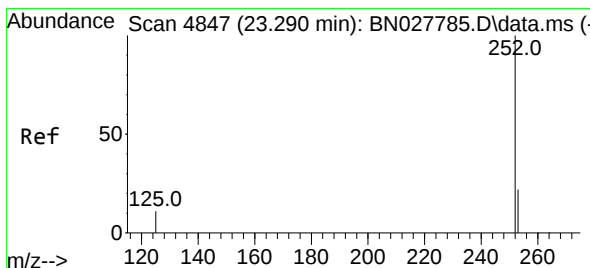
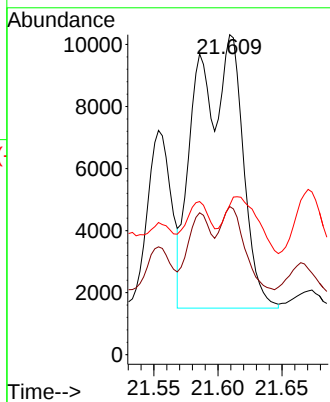
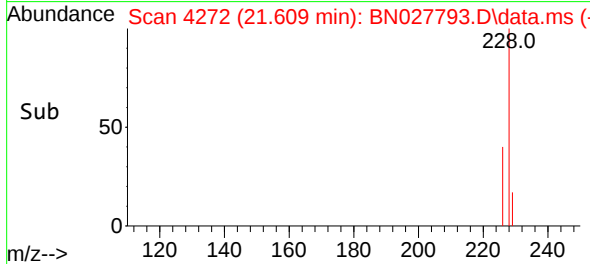
Instrument :
BNA_N
ClientSampleId :
EZYW7



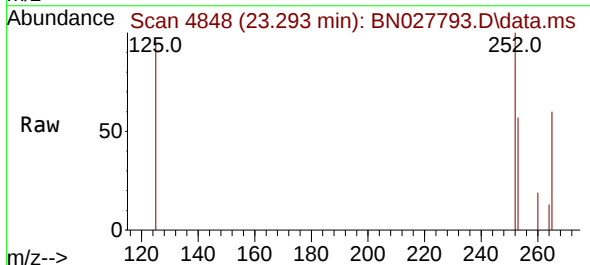
Tgt Ion:228 Resp: 21889
Ion Ratio Lower Upper
228 100
226 46.3 24.5 36.7#
229 46.7 16.0 24.0#

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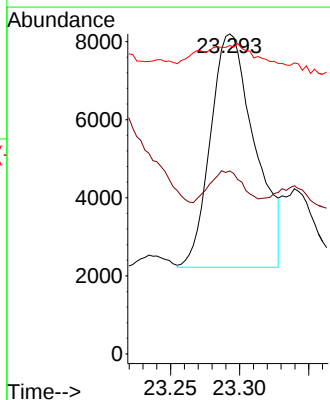
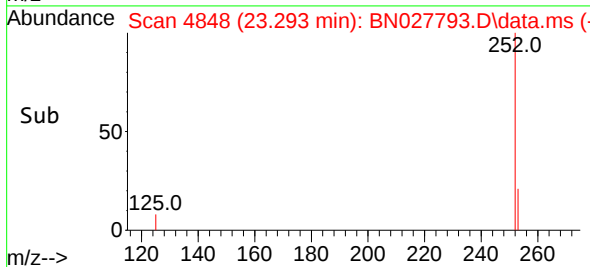
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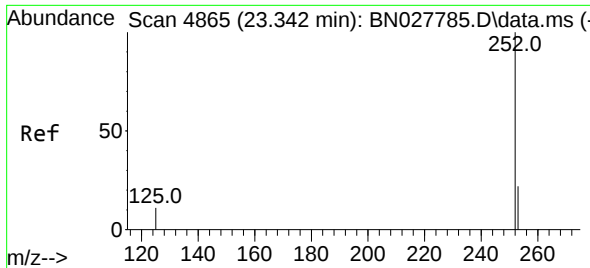


#24
Benzo(b)fluoranthene
Concen: 0.172 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51



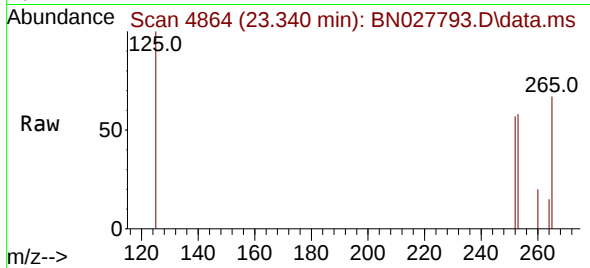
Tgt Ion:252 Resp: 13334
Ion Ratio Lower Upper
252 100
253 57.2 0.0 50.2#
125 96.4 0.0 31.4#





#25
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 23.340 min Scan# 4865
Delta R.T. -0.003 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51

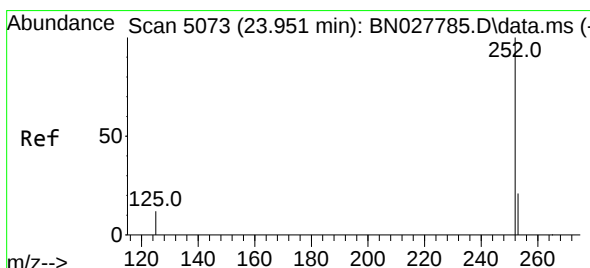
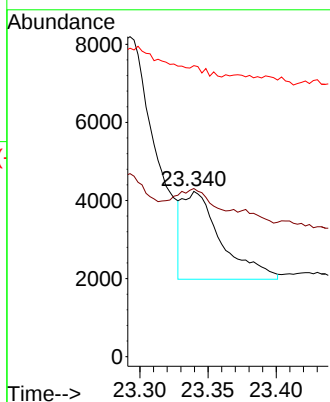
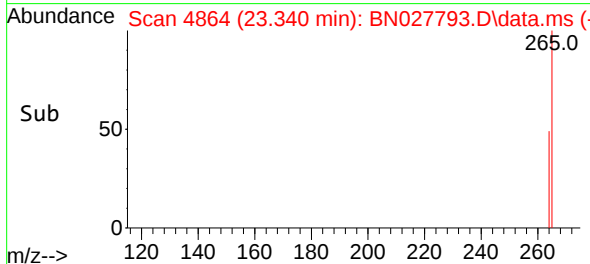
Instrument :
BNA_N
ClientSampleId :
EZYW7



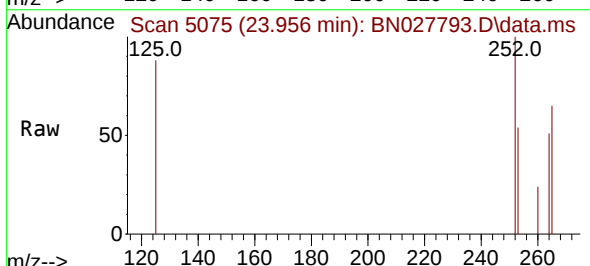
Tgt Ion:252 Resp: 4449
Ion Ratio Lower Upper
252 100
253 101.7 19.9 29.9#
125 176.0 12.6 19.0#

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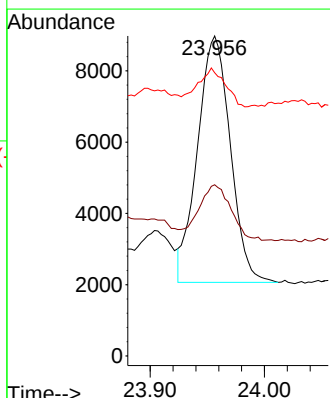
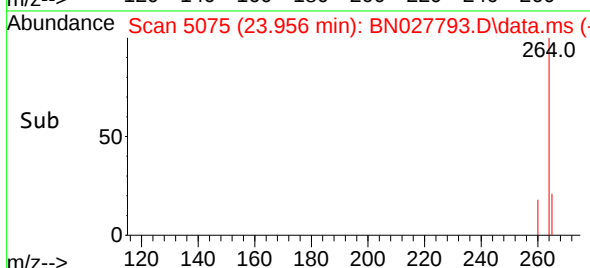
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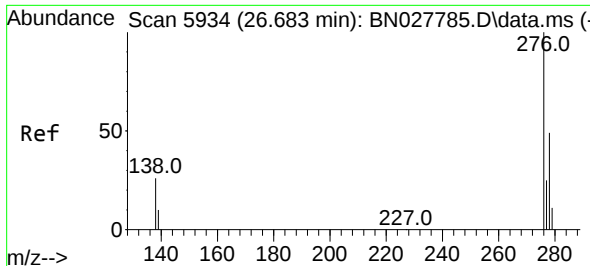


#26
Benzo(a)pyrene
Concen: 0.221 ng/ul
RT: 23.956 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51



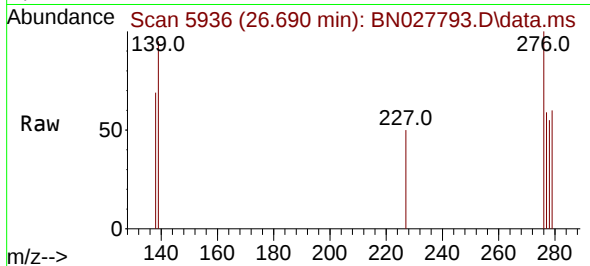
Tgt Ion:252 Resp: 13780
Ion Ratio Lower Upper
252 100
253 53.5 21.9 32.9#
125 88.5 15.5 23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 26.690 min Scan# 5936
Delta R.T. 0.007 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51

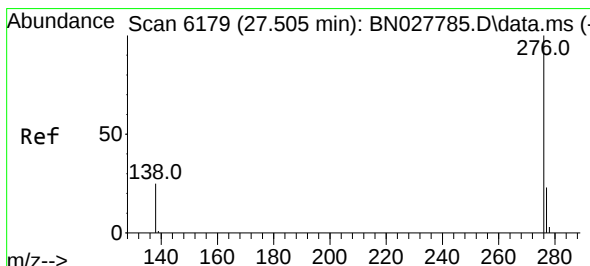
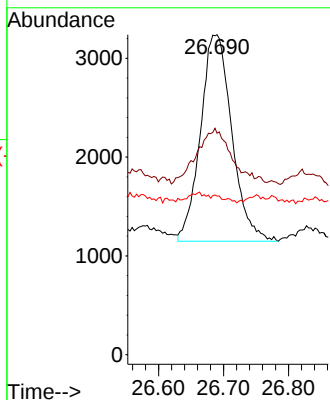
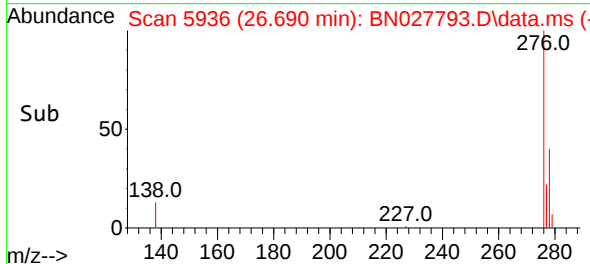
Instrument :
BNA_N
ClientSampleId :
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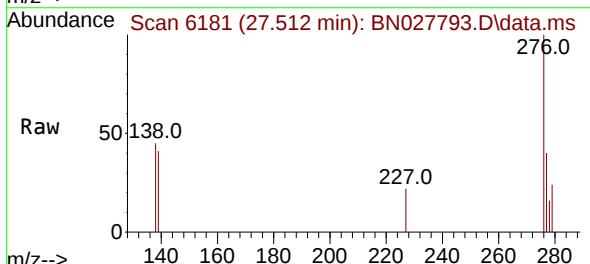
Tgt Ion:276 Resp: 7010
Ion Ratio Lower Upper
276 100
138 31.3 24.3 36.5
227 0.0 0.0 0.0

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



#29
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul
RT: 27.512 min Scan# 6181
Delta R.T. 0.007 min
Lab File: BN027793.D
Acq: 21 Sep 2023 18:51



Tgt Ion:276 Resp: 19862
Ion Ratio Lower Upper
276 100
138 44.6 21.7 32.5#
277 39.9 20.2 30.2#

