

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027860.D
 Acq On : 26 Sep 2023 13:42
 Operator : MA/JU
 Sample : 04472-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 04:19:08 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 : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	2825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	10492	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	17045	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	16485	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	19055	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	14070	3.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	4045	0.254	ng/ul	0.00
18) Fluoranthene-d10	19.395	212	11464	0.228	ng/ul	0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	1583	0.053	ng/ul#	81
7) 2-Methylnaphthalene	12.440	142	1141	0.060	ng/ul	97
8) 1-Methylnaphthalene	12.660	142	740	0.038	ng/ul	99
11) Acenaphthene	14.671	153	679	0.025	ng/ul	93
15) Phenanthrene	17.401	178	5966	0.111	ng/ul#	95
19) Fluoranthene	19.422	202	7779	0.117	ng/ul#	82
20) Pyrene	19.785	202	7420m	0.108	ng/ul	
21) Benzo(a)anthracene	21.525	228	5268	0.083	ng/ul#	90
22) Chrysene	21.580	228	10771	0.163	ng/ul#	94
24) Benzo(b)fluoranthene	23.252	252	17404m	0.205	ng/ul	
25) Benzo(k)fluoranthene	23.299	252	5325m	0.065	ng/ul	
26) Benzo(a)pyrene	23.907	252	8244	0.121	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.613	276	8888	0.102	ng/ul#	92
29) Benzo(g,h,i)perylene	27.431	276	10573	0.142	ng/ul	93

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

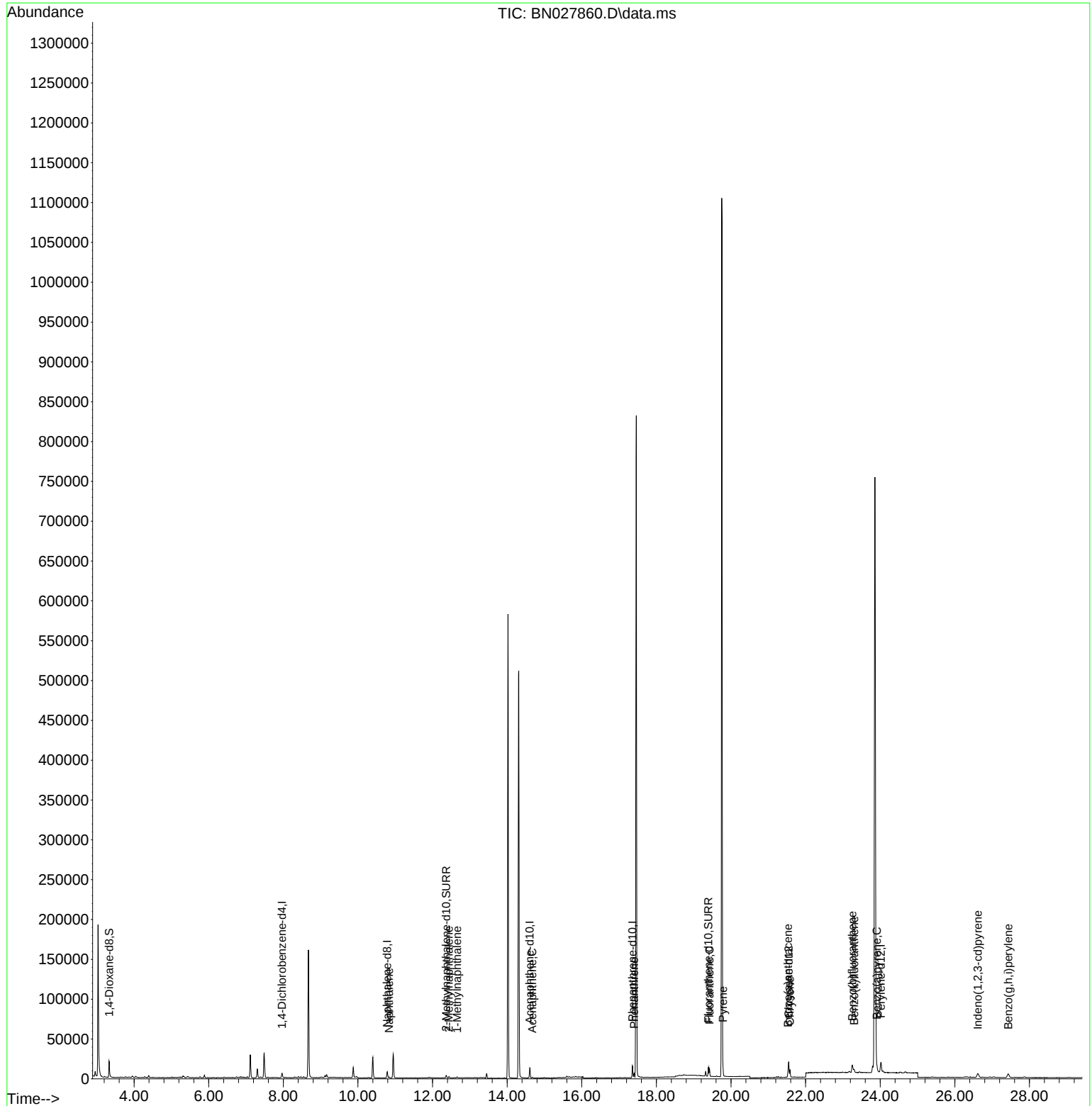
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027860.D
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Operator : MA/JU
Sample : 04472-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

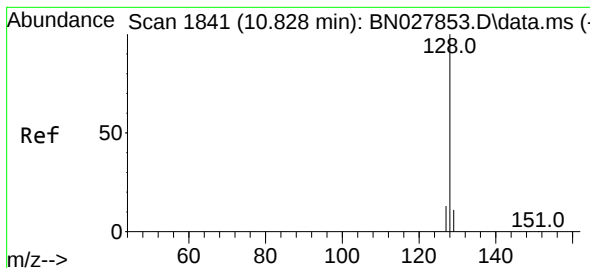
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#5

Naphthalene

Concen: 0.053 ng/ul

RT: 10.834 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BN027860.D

Acq: 26 Sep 2023 13:42

Instrument :

BNA_N

ClientSampleId :

EZYK9

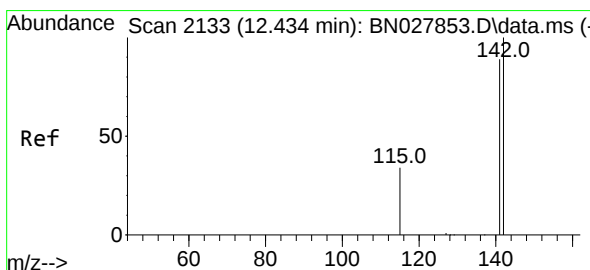
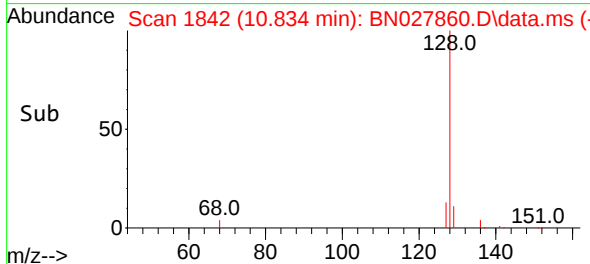
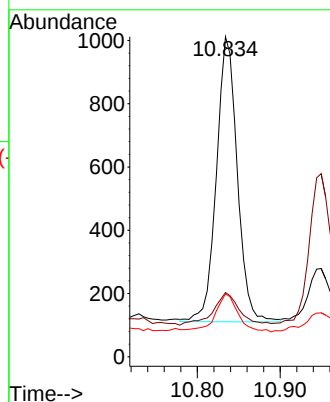
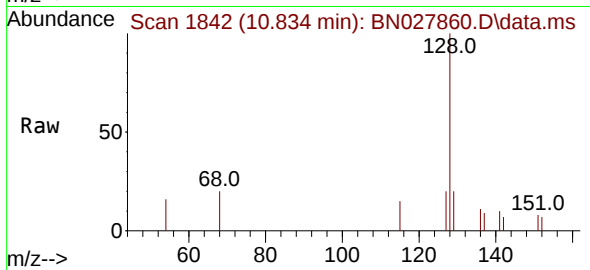
Tgt Ion:	128	Resp:	158
Ion Ratio	Lower	Upper	
128	100		
129	20.1	9.3	13.9
127	19.7	10.7	16.1

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2023

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#7

2-Methylnaphthalene

Concen: 0.060 ng/ul

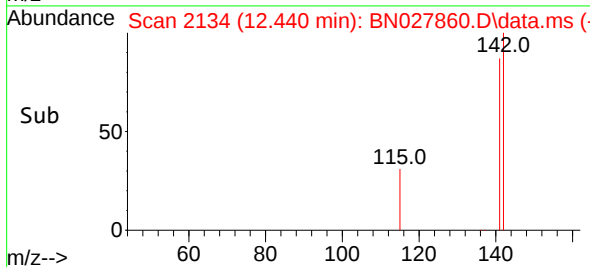
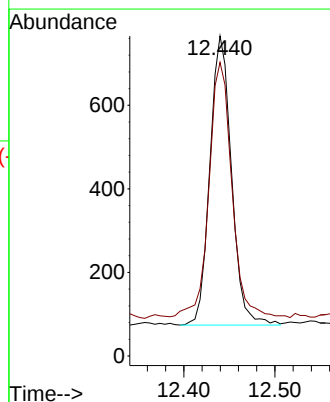
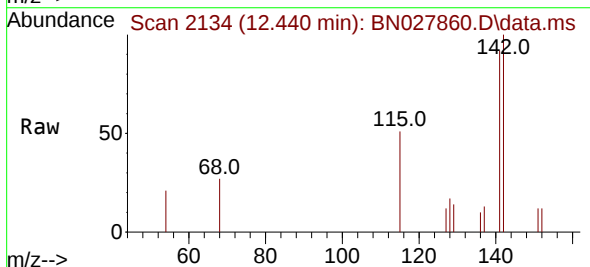
RT: 12.440 min Scan# 2134

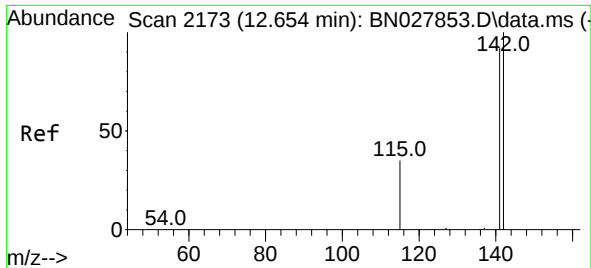
Delta R.T. 0.006 min

Lab File: BN027860.D

Acq: 26 Sep 2023 13:42

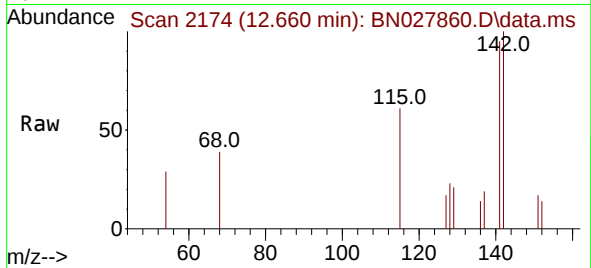
Tgt Ion:	142	Resp:	1141
Ion Ratio	Lower	Upper	
142	100		
141	92.0	71.1	106.7





#8
1-Methylnaphthalene
Concen: 0.038 ng/u1
RT: 12.660 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

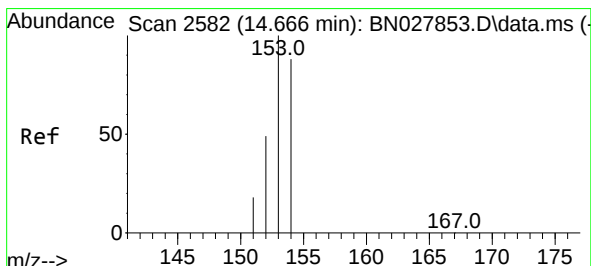
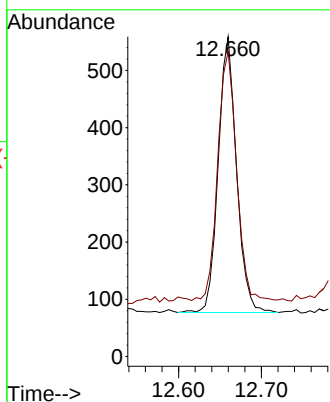
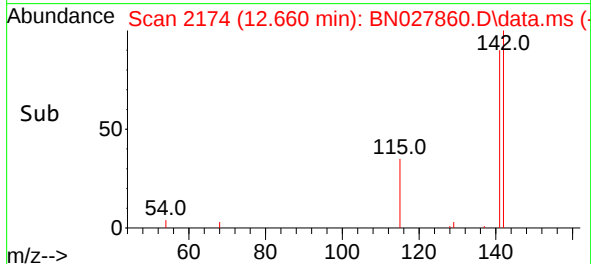
Instrument :
BNA_N
ClientSampleId :
EZYK9



Tgt Ion:142 Resp: 740
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2

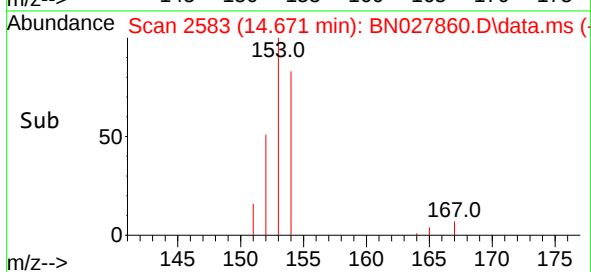
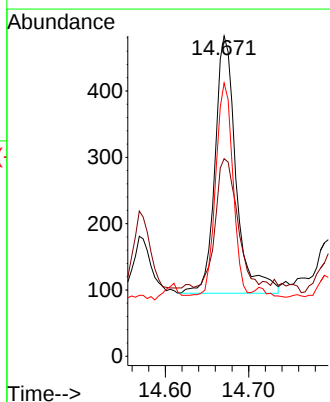
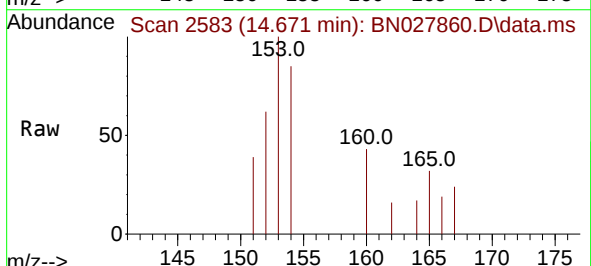
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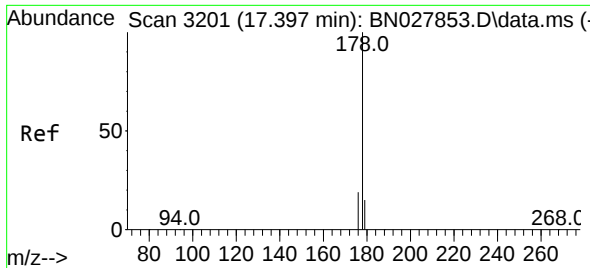
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.671 min Scan# 2583
Delta R.T. 0.005 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

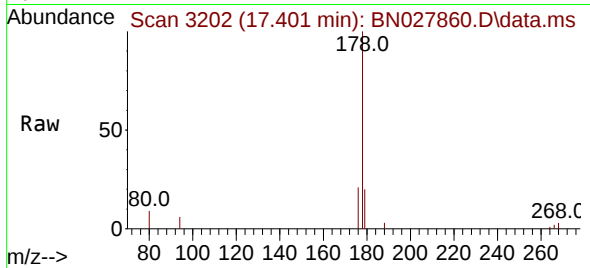
Tgt Ion:153 Resp: 679
Ion Ratio Lower Upper
153 100
152 61.7 41.7 62.5
154 85.3 70.3 105.5





#15
Phenanthrene
Concen: 0.111 ng/ul
RT: 17.401 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

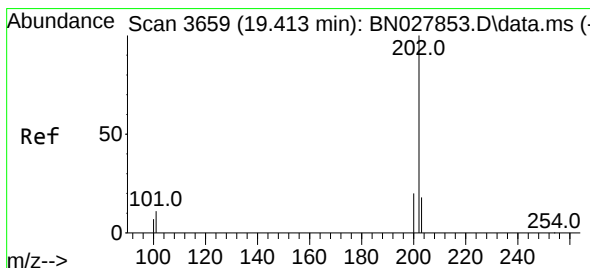
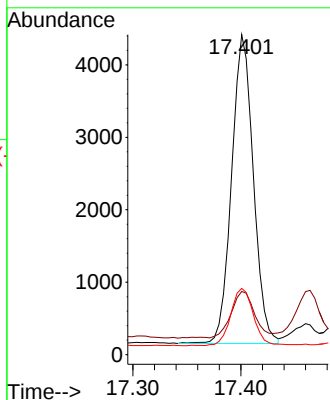
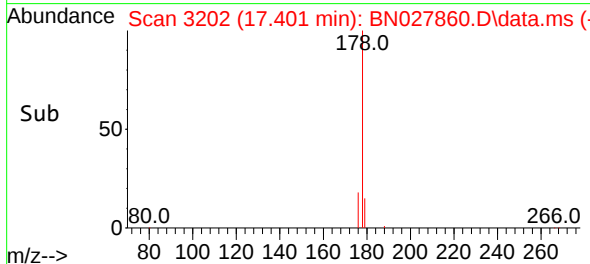
Instrument :
BNA_N
ClientSampleId :
EZYK9



Tgt Ion:178 Resp: 5960
Ion Ratio Lower Upper
178 100
179 19.7 12.4 18.6#
176 20.7 16.0 24.0#

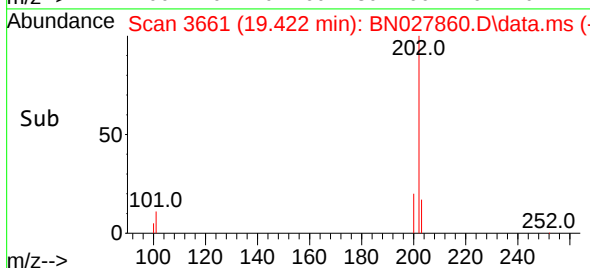
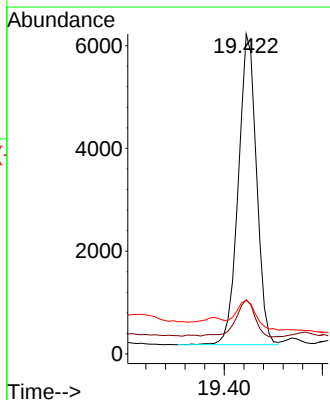
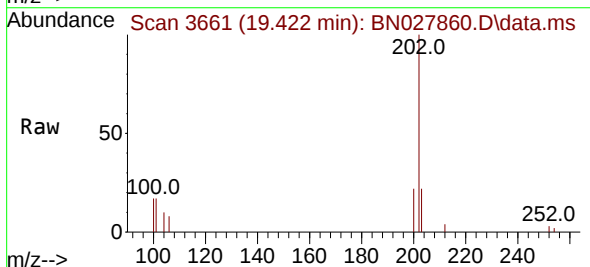
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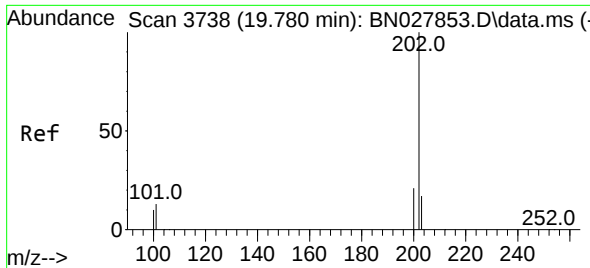
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#19
Fluoranthene
Concen: 0.117 ng/ul
RT: 19.422 min Scan# 3661
Delta R.T. 0.014 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

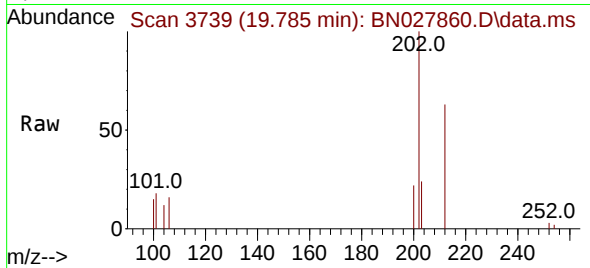
Tgt Ion:202 Resp: 7779
Ion Ratio Lower Upper
202 100
101 17.0 9.3 13.9#
100 16.7 7.0 10.4#





#20
Pyrene
Concen: 0.108 ng/ul m
RT: 19.785 min Scan# 3739
Delta R.T. 0.009 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

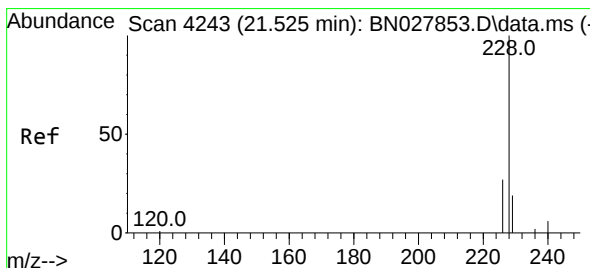
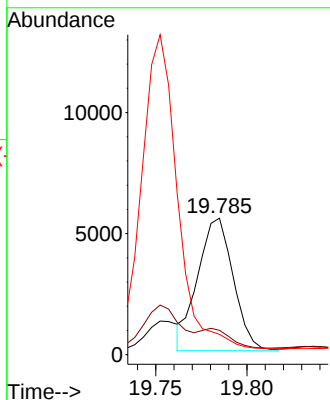
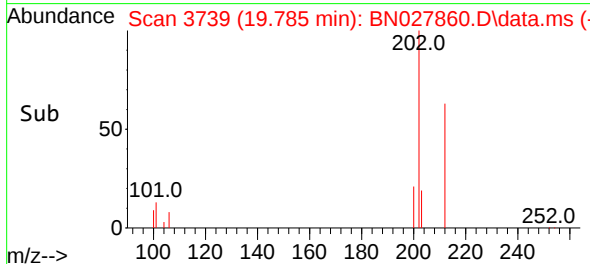
Instrument :
BNA_N
ClientSampleId :
EZYK9



Tgt Ion:202 Resp: 7420
Ion Ratio Lower Upper
202 100
101 17.8 11.4 17.0
100 14.9 9.1 13.7

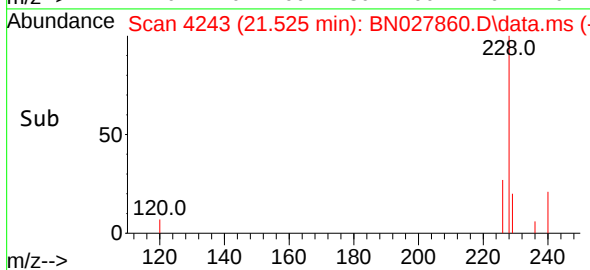
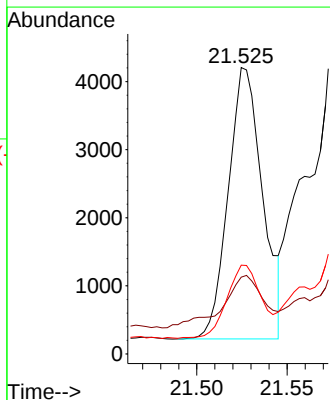
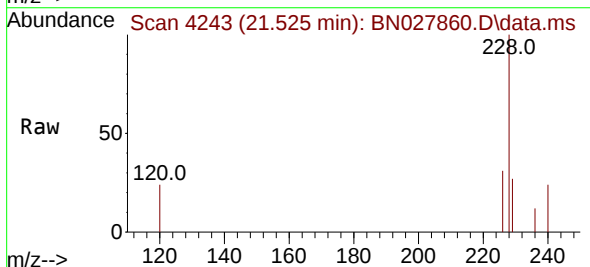
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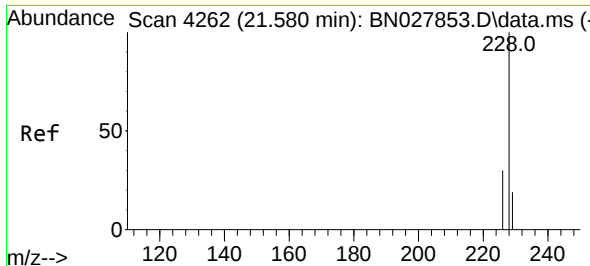
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#21
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.525 min Scan# 4243
Delta R.T. 0.006 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

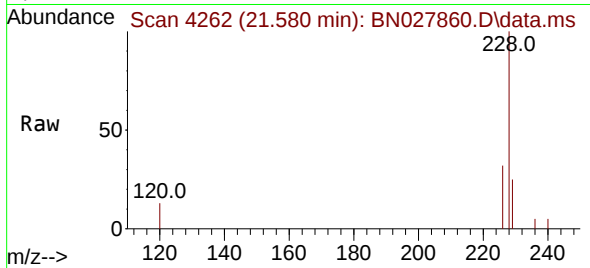
Tgt Ion:228 Resp: 5268
Ion Ratio Lower Upper
228 100
229 26.8 15.8 23.8
226 31.0 22.0 33.0





#22
Chrysene
Concen: 0.163 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

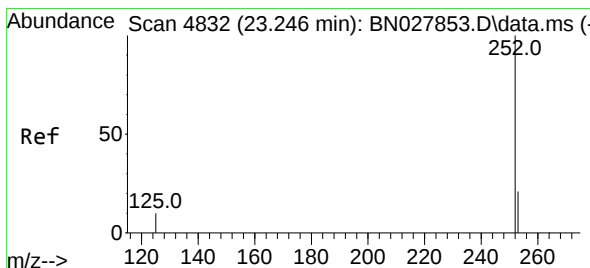
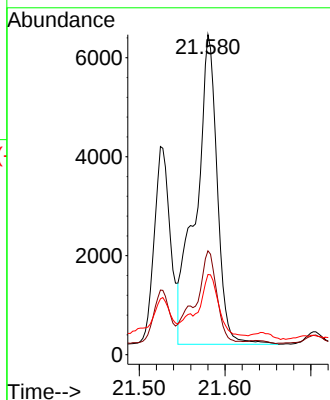
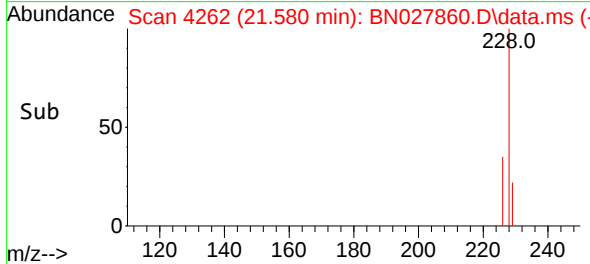
Instrument :
BNA_N
ClientSampleId :
EZYK9



Tgt Ion:228 Resp: 10772
Ion Ratio Lower Upper
228 100
226 32.4 24.5 36.7
229 25.1 16.0 24.0

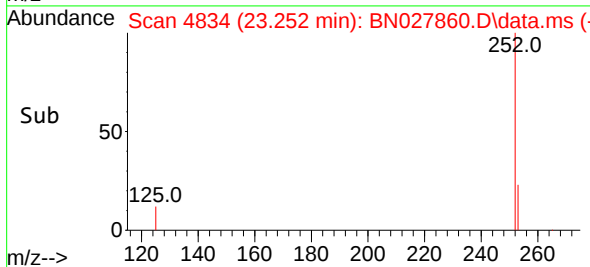
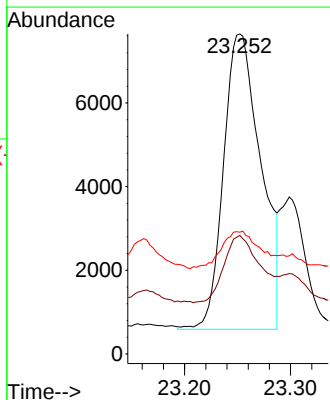
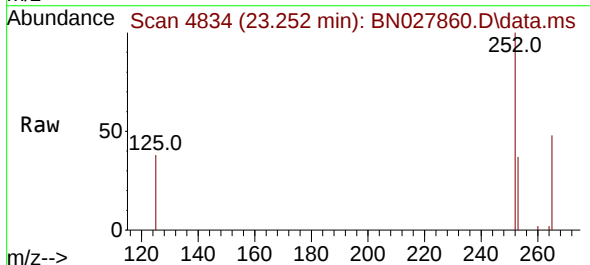
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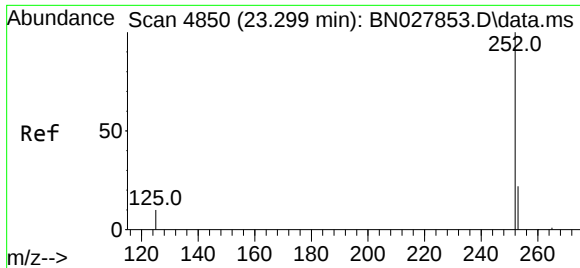
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#24
Benzo(b)fluoranthene
Concen: 0.205 ng/ul m
RT: 23.252 min Scan# 4834
Delta R.T. 0.012 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

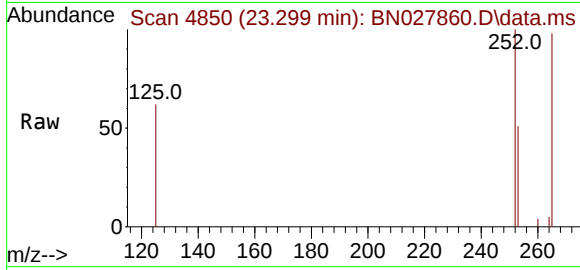
Tgt Ion:252 Resp: 17404
Ion Ratio Lower Upper
252 100
253 37.1 0.0 50.2
125 38.0 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.299 min Scan# 4850
Delta R.T. 0.006 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

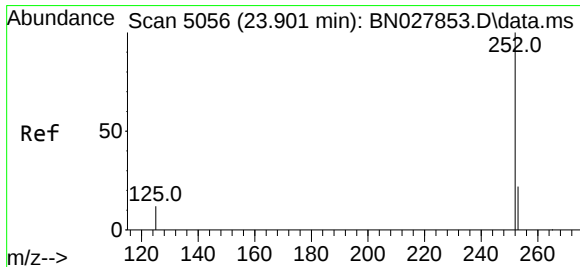
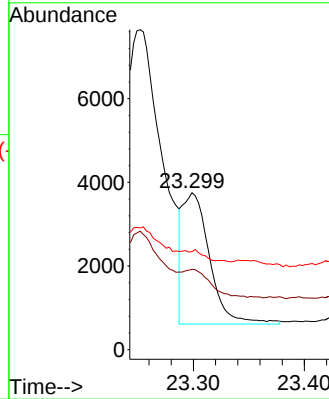
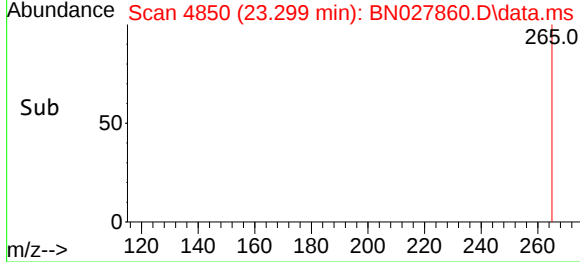
Instrument :
BNA_N
ClientSampleId :
EZYK9



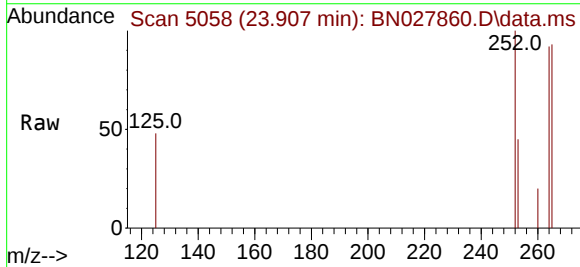
Tgt Ion:252 Resp: 532
Ion Ratio Lower Upper
252 100
253 51.1 19.9 29.9#
125 62.4 12.6 19.0#

Manual Integrations
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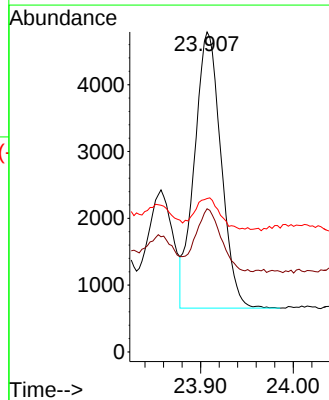
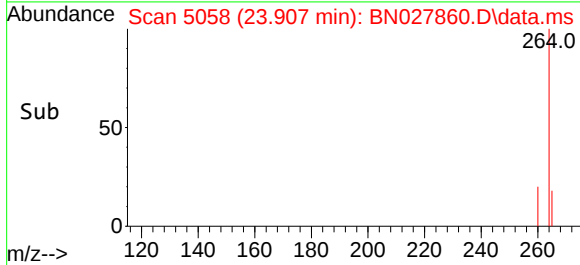
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

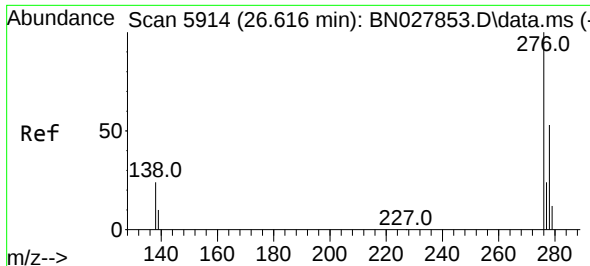


#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.907 min Scan# 5058
Delta R.T. 0.012 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42



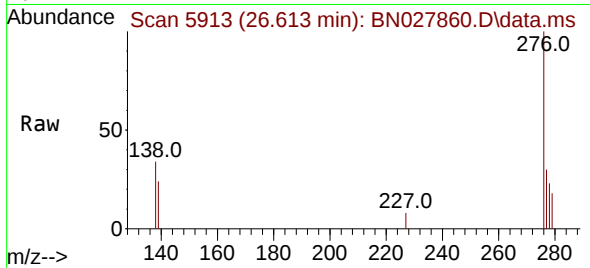
Tgt Ion:252 Resp: 8244
Ion Ratio Lower Upper
252 100
253 44.7 21.9 32.9#
125 47.9 15.5 23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.613 min Scan# 5913
Delta R.T. 0.014 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

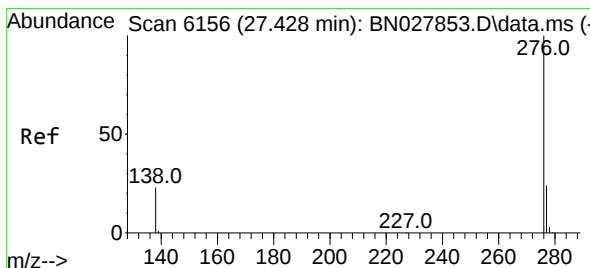
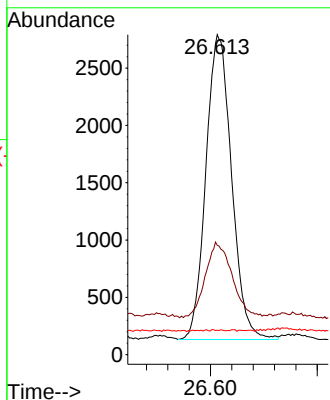
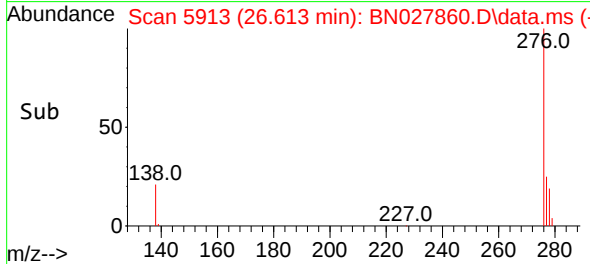
Instrument :
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ClientSampleId :
EZYK9



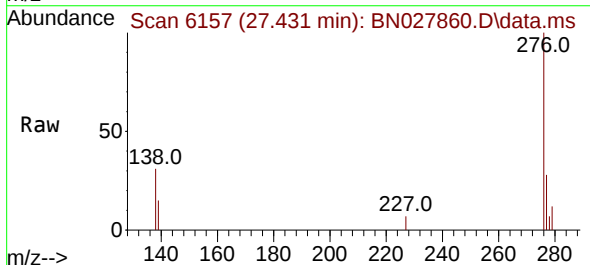
Tgt Ion:276 Resp: 888
Ion Ratio Lower Upper
276 100
138 25.9 24.3 36.5
227 0.1 0.0 0.0

Manual Integrations
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Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.142 ng/ul
RT: 27.431 min Scan# 6157
Delta R.T. 0.020 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42



Tgt Ion:276 Resp: 10573
Ion Ratio Lower Upper
276 100
138 31.3 21.7 32.5
277 28.2 20.2 30.2

