

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028861.D
 Acq On : 24 Nov 2023 16:58
 Operator : MA/JU
 Sample : 05342-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:02:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	5437	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.439	136	20333	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.292	164	12961	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.042	188	20360	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.259	240	13423	0.400	ng/ul	#-0.01
23) Perylene-d12	23.536	264	14548	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	30886	5.140	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	8216	0.268	ng/ul	-0.03
18) Fluoranthene-d10	19.083	212	15873	0.367	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.483	128	11890	0.209	ng/ul#	69
8) 1-Methylnaphthalene	12.320	142	31422	0.824	ng/ul	91
10) Acenaphthylene	14.005	152	96066	1.485	ng/ul#	94
11) Acenaphthene	14.356	153	6519151	136.949	ng/ul	99
12) Fluorene	15.342	166	1683130	30.390	ng/ul	98
15) Phenanthrene	17.084	178	96369m	1.541	ng/ul	
16) Anthracene	17.177	178	196599	3.427	ng/ul	98
19) Fluoranthene	19.111	202	986085	17.273	ng/ul	100
20) Pyrene	19.478	202	516967	8.737	ng/ul	99
21) Benzo(a)anthracene	21.244	228	20400	0.384	ng/ul#	90
22) Chrysene	21.297	228	4885	0.094	ng/ul#	77
24) Benzo(b)fluoranthene	22.848	252	1797m	0.033	ng/ul	

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

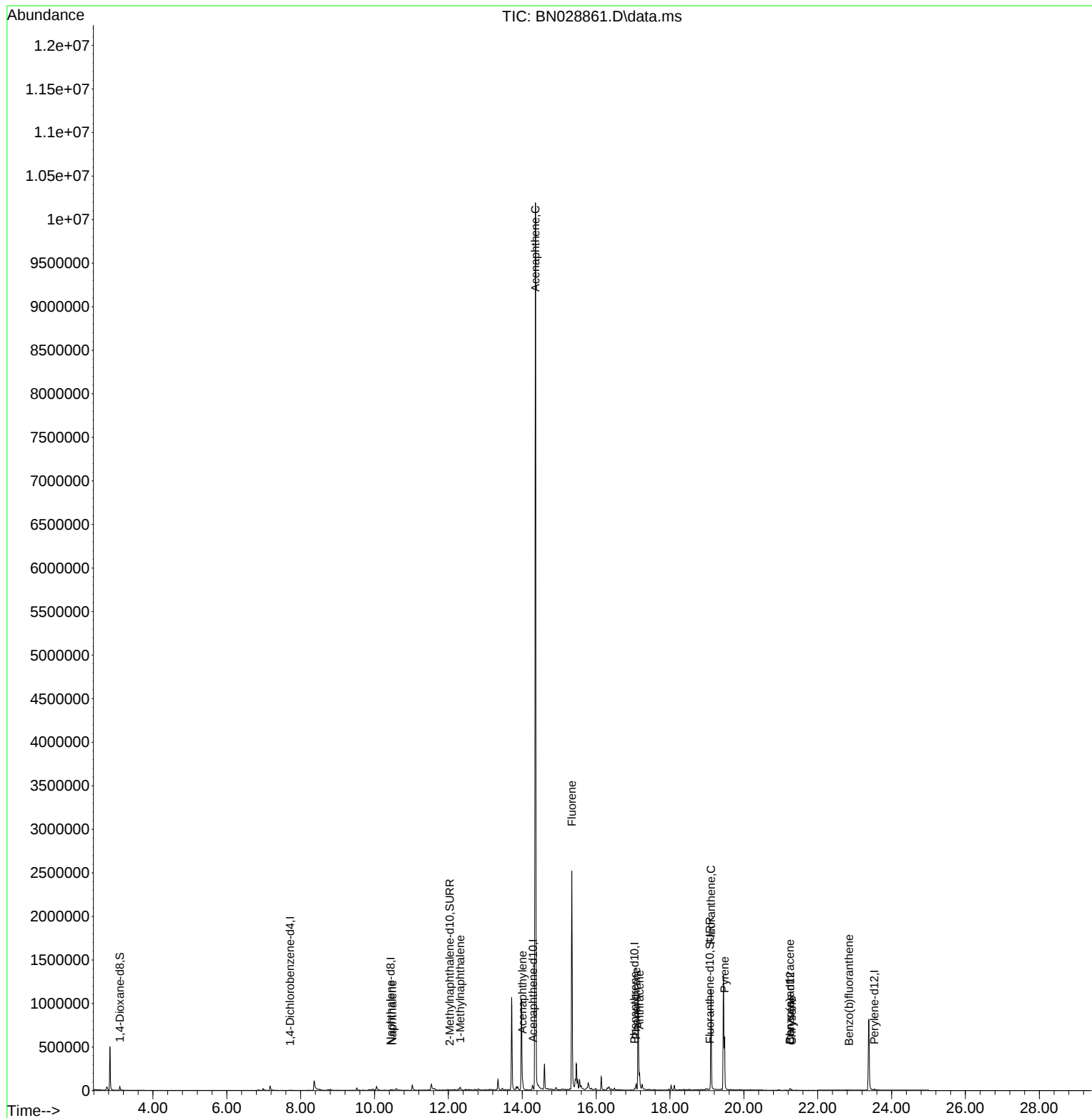
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028861.D
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Sample : 05342-01
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ALS Vial : 12 Sample Multiplier: 1

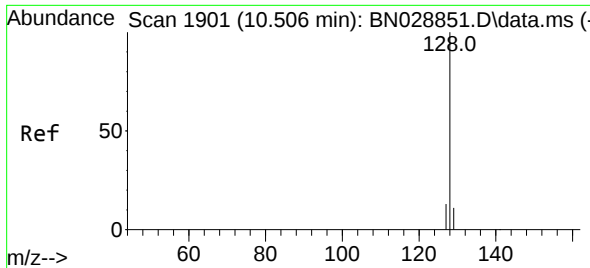
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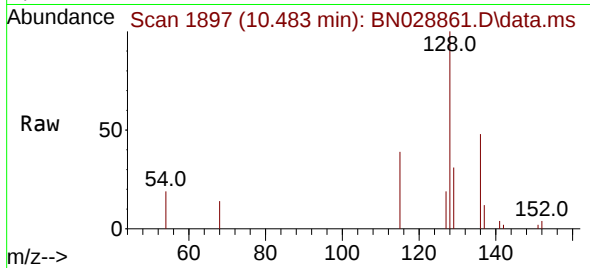
Quant Time: Nov 25 01:02:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.209 ng/ul
RT: 10.483 min Scan# 1897
Delta R.T. -0.023 min
Lab File: BN028861.D
Acq: 24 Nov 2023 16:58

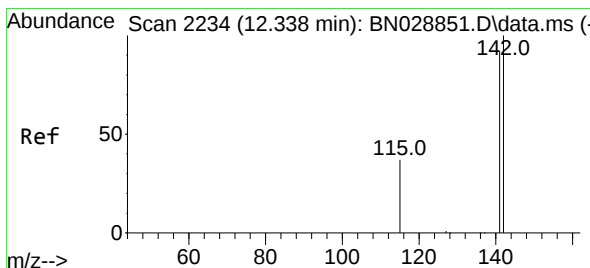
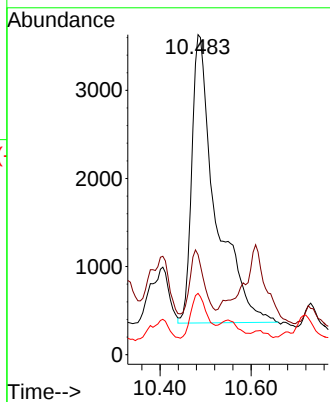
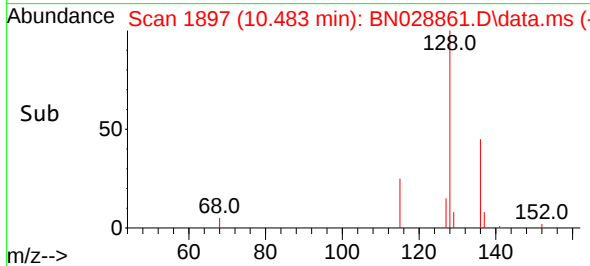
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:128 Resp: 11890
Ion Ratio Lower Upper
128 100
129 31.3 9.2 13.8
127 19.2 10.7 16.1

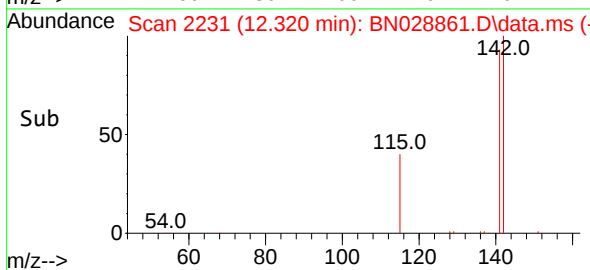
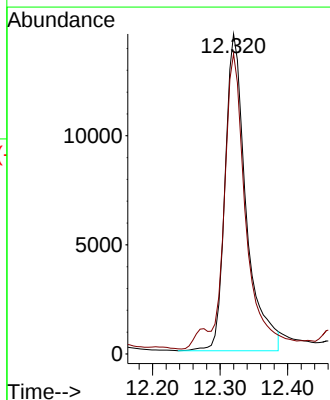
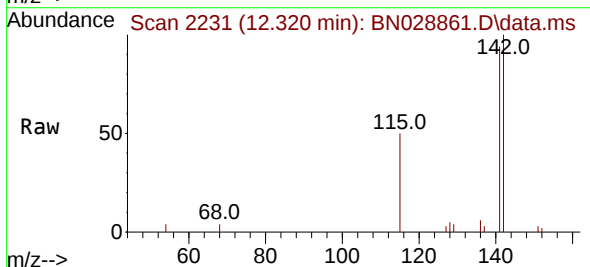
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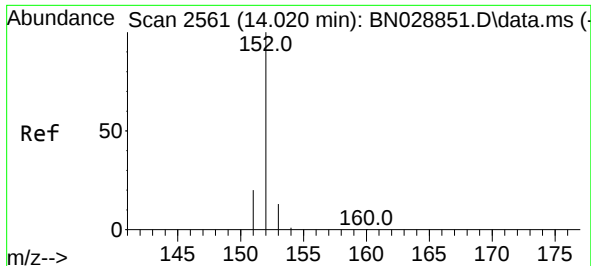
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#8
1-Methylnaphthalene
Concen: 0.824 ng/ul
RT: 12.320 min Scan# 2231
Delta R.T. -0.018 min
Lab File: BN028861.D
Acq: 24 Nov 2023 16:58

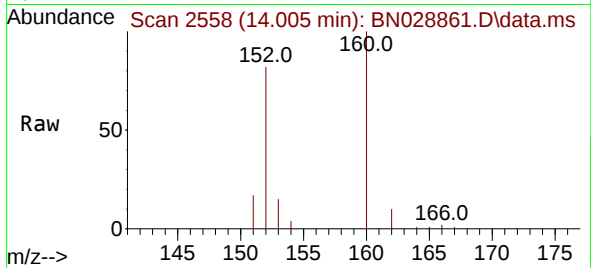
Tgt Ion:142 Resp: 31422
Ion Ratio Lower Upper
142 100
141 84.1 74.1 111.1





#10
Acenaphthylene
Concen: 1.485 ng/ul
RT: 14.005 min Scan# 2558
Delta R.T. -0.020 min
Lab File: BN028861.D
Acq: 24 Nov 2023 16:58

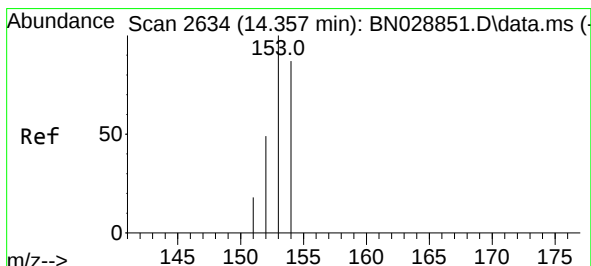
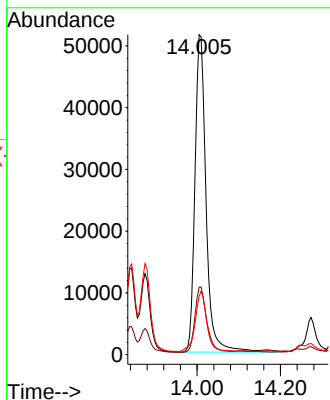
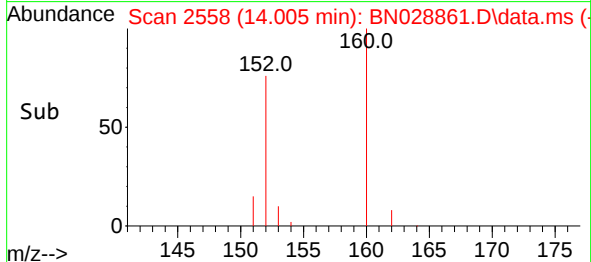
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:152 Resp: 96060
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1
153 18.3 10.6 15.8

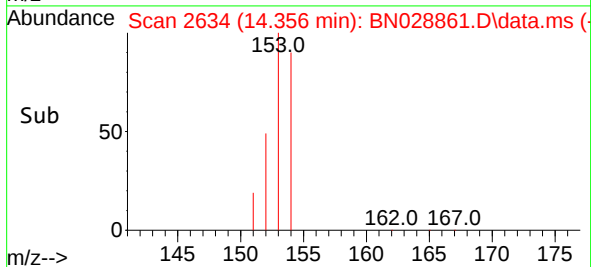
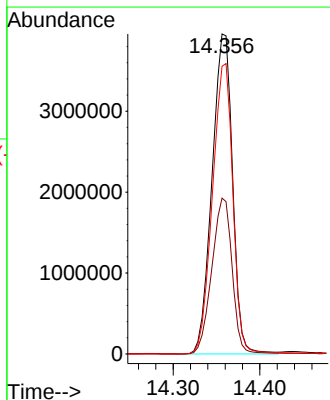
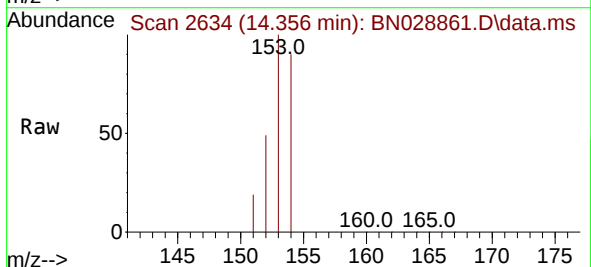
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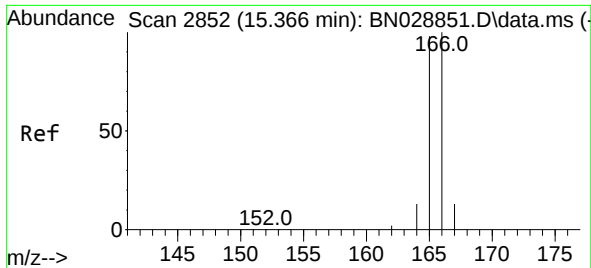
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#11
Acenaphthene
Concen: 136.949 ng/ul
RT: 14.356 min Scan# 2634
Delta R.T. -0.007 min
Lab File: BN028861.D
Acq: 24 Nov 2023 16:58

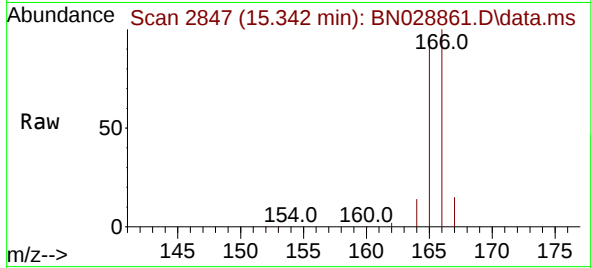
Tgt Ion:153 Resp: 6519151
Ion Ratio Lower Upper
153 100
152 48.7 39.6 59.4
154 89.9 71.0 106.6





#12
Fluorene
Concen: 30.390 ng/ul
RT: 15.342 min Scan# 2847
Delta R.T. -0.025 min
Lab File: BN028861.D
Acq: 24 Nov 2023 16:58

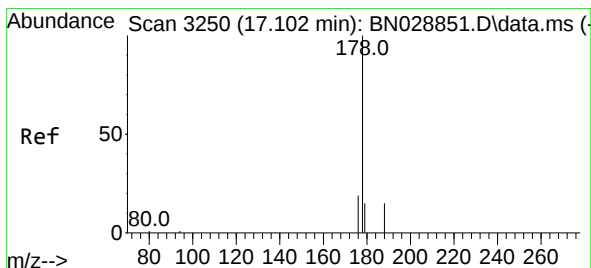
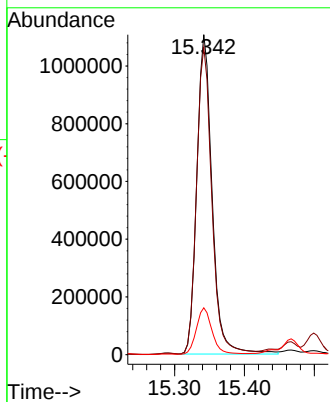
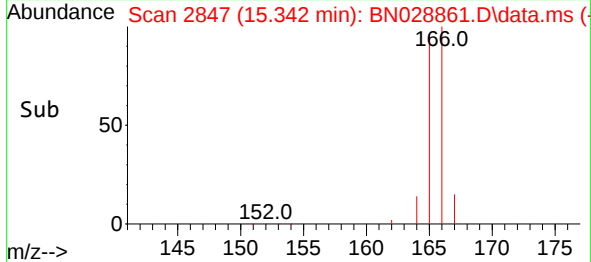
Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:166 Resp: 1683130
Ion Ratio Lower Upper
166 100
165 96.0 78.6 118.0
167 14.7 11.0 16.6

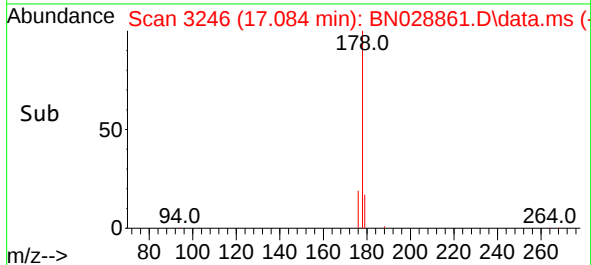
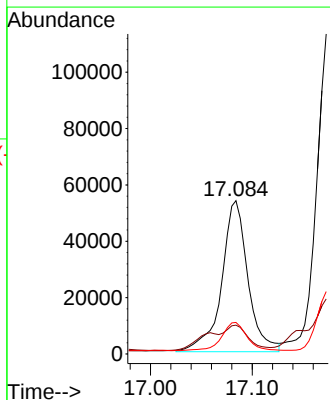
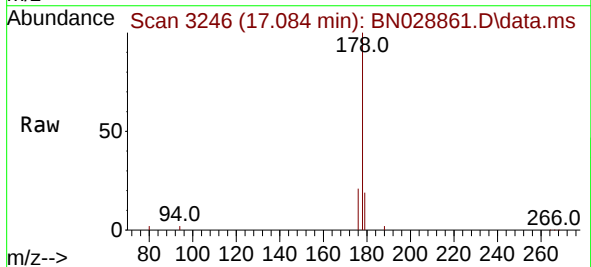
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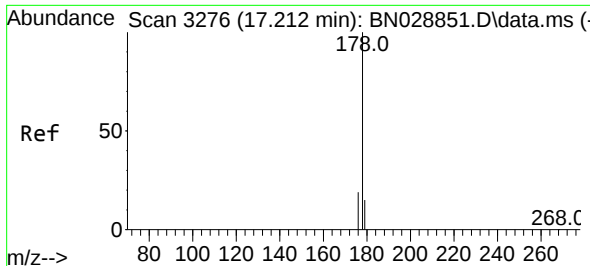
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 1.541 ng/ul m
RT: 17.084 min Scan# 3246
Delta R.T. -0.019 min
Lab File: BN028861.D
Acq: 24 Nov 2023 16:58

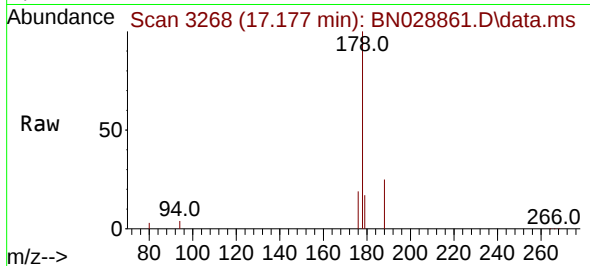
Tgt Ion:178 Resp: 96369
Ion Ratio Lower Upper
178 100
179 18.8 12.4 18.6#
176 20.6 15.4 23.2





#16
 Anthracene
 Concen: 3.427 ng/ul
 RT: 17.177 min Scan# 31
 Delta R.T. -0.027 min
 Lab File: BN028861.D
 Acq: 24 Nov 2023 16:58

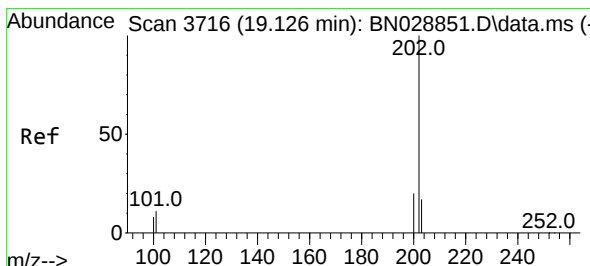
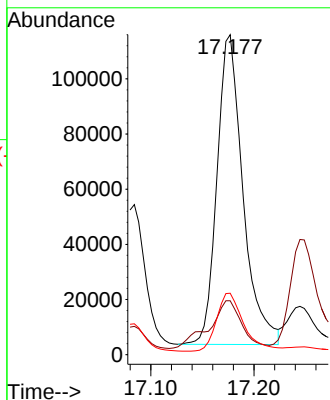
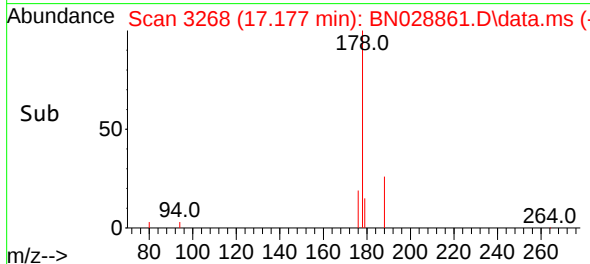
Instrument :
 BNA_N
 ClientSampleId :
 C0AH1



Tgt Ion:178 Resp: 196599
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.6 18.8
 176 19.2 14.9 22.3

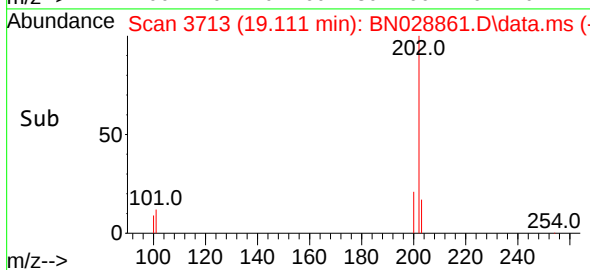
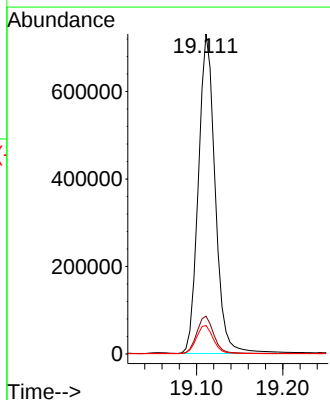
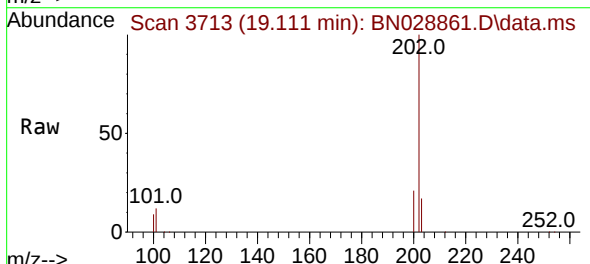
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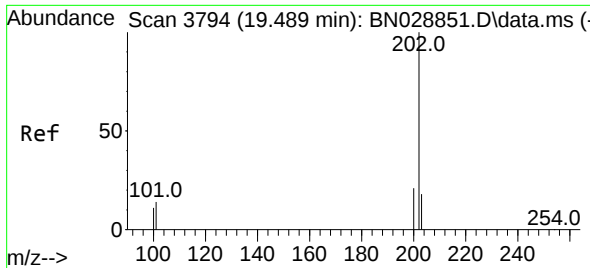
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



#19
 Fluoranthene
 Concen: 17.273 ng/ul
 RT: 19.111 min Scan# 3713
 Delta R.T. -0.012 min
 Lab File: BN028861.D
 Acq: 24 Nov 2023 16:58

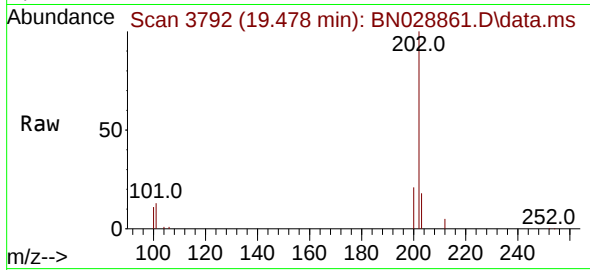
Tgt Ion:202 Resp: 986085
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.5 14.3
 100 8.9 7.2 10.8





#20
Pyrene
Concen: 8.737 ng/u1
RT: 19.478 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN028861.D
Acq: 24 Nov 2023 16:58

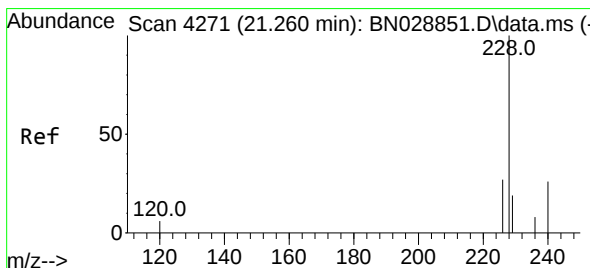
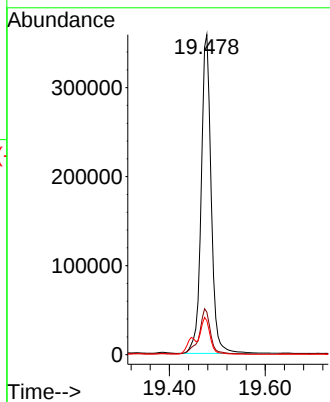
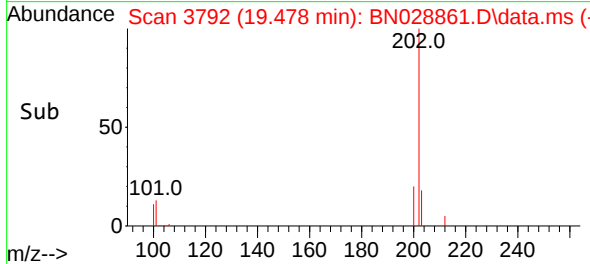
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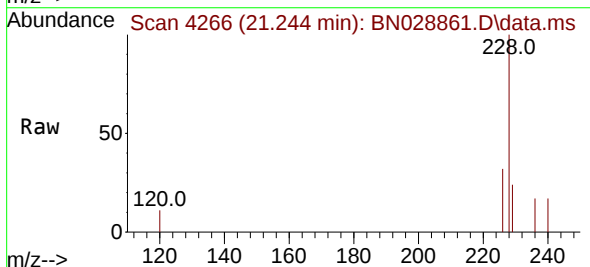
Tgt Ion:202 Resp: 51696
Ion Ratio Lower Upper
202 100
101 13.3 10.3 15.5
100 10.7 8.2 12.2

Manual Integrations
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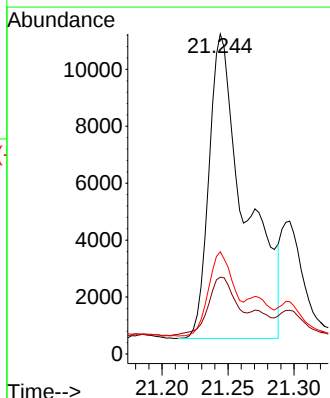
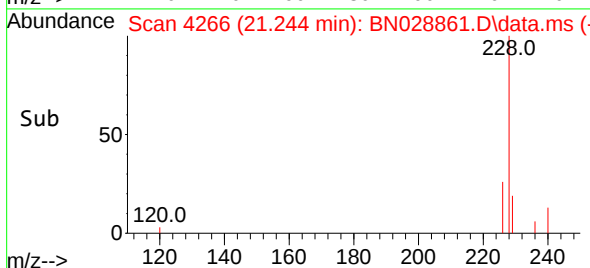
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

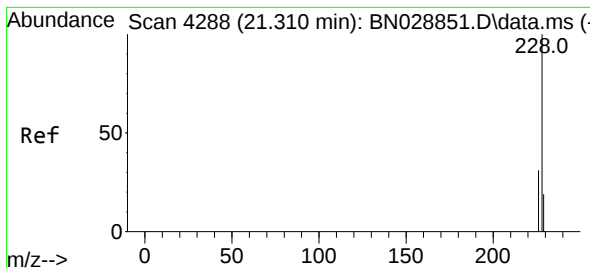


#21
Benzo(a)anthracene
Concen: 0.384 ng/u1
RT: 21.244 min Scan# 4266
Delta R.T. -0.011 min
Lab File: BN028861.D
Acq: 24 Nov 2023 16:58



Tgt Ion:228 Resp: 20400
Ion Ratio Lower Upper
228 100
229 24.0 15.7 23.5#
226 32.0 21.4 32.0





#22

Chrysene

Concen: 0.094 ng/ul

RT: 21.297 min Scan# 41

Delta R.T. -0.008 min

Lab File: BN028861.D

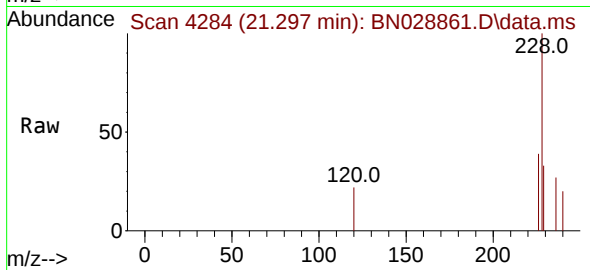
Acq: 24 Nov 2023 16:58

Instrument :

BNA_N

ClientSampleId :

COAH1



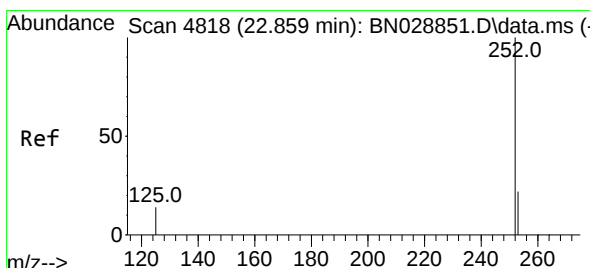
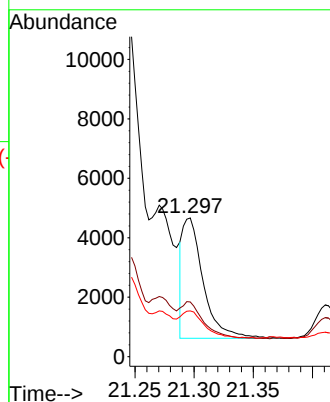
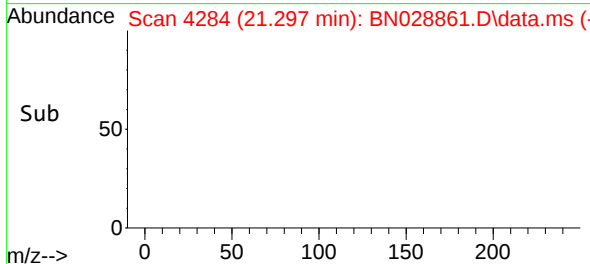
Tgt Ion:	228	Resp:	488
Ion Ratio	Lower	Upper	
228	100		
226	39.4	23.8	35.8
229	33.0	15.4	23.2

Manual Integrations

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Supervised By :mohammad ahmed 11/28/2023



#24

Benzo(b)fluoranthene

Concen: 0.033 ng/ul m

RT: 22.848 min Scan# 4815

Delta R.T. -0.005 min

Lab File: BN028861.D

Acq: 24 Nov 2023 16:58

Tgt Ion:	252	Resp:	1797
Ion Ratio	Lower	Upper	
252	100		
253	79.6	0.0	46.6
125	81.5	0.0	27.6

