

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027921.D
 Acq On : 28 Sep 2023 12:15
 Operator : MA/JU
 Sample : 04417-31
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYN0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 28 16:13:13 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	7.958	152	3382	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	12804	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	8053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17995	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.539	240	15739	0.400	ng/ul	# 0.00
23) Perylene-d12	24.018	264	14401	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	10160	2.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	5400	0.278	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	13748	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	18551	0.507	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	17140	0.738	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	11646	0.486	ng/ul	99
10) Acenaphthylene	14.328	152	9208	0.262	ng/ul	94
11) Acenaphthene	14.661	153	3011	0.099	ng/ul	99
12) Fluorene	15.651	166	2077	0.058	ng/ul#	90
15) Phenanthrene	17.397	178	49108	0.868	ng/ul	98
16) Anthracene	17.489	178	15981	0.338	ng/ul#	93
19) Fluoranthene	19.408	202	100422	1.578	ng/ul	97
20) Pyrene	19.776	202	99193m	1.513	ng/ul	
21) Benzo(a)anthracene	21.522	228	76613	1.258	ng/ul#	91
22) Chrysene	21.577	228	95869	1.523	ng/ul#	90
24) Benzo(b)fluoranthene	23.249	252	148431m	2.312	ng/ul	
25) Benzo(k)fluoranthene	23.296	252	46957m	0.755	ng/ul	
26) Benzo(a)pyrene	23.907	252	90133	1.746	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.613	276	76321	1.154	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.619	278	20849	0.391	ng/ul#	37
29) Benzo(g,h,i)perylene	27.431	276	85454	1.521	ng/ul	96

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

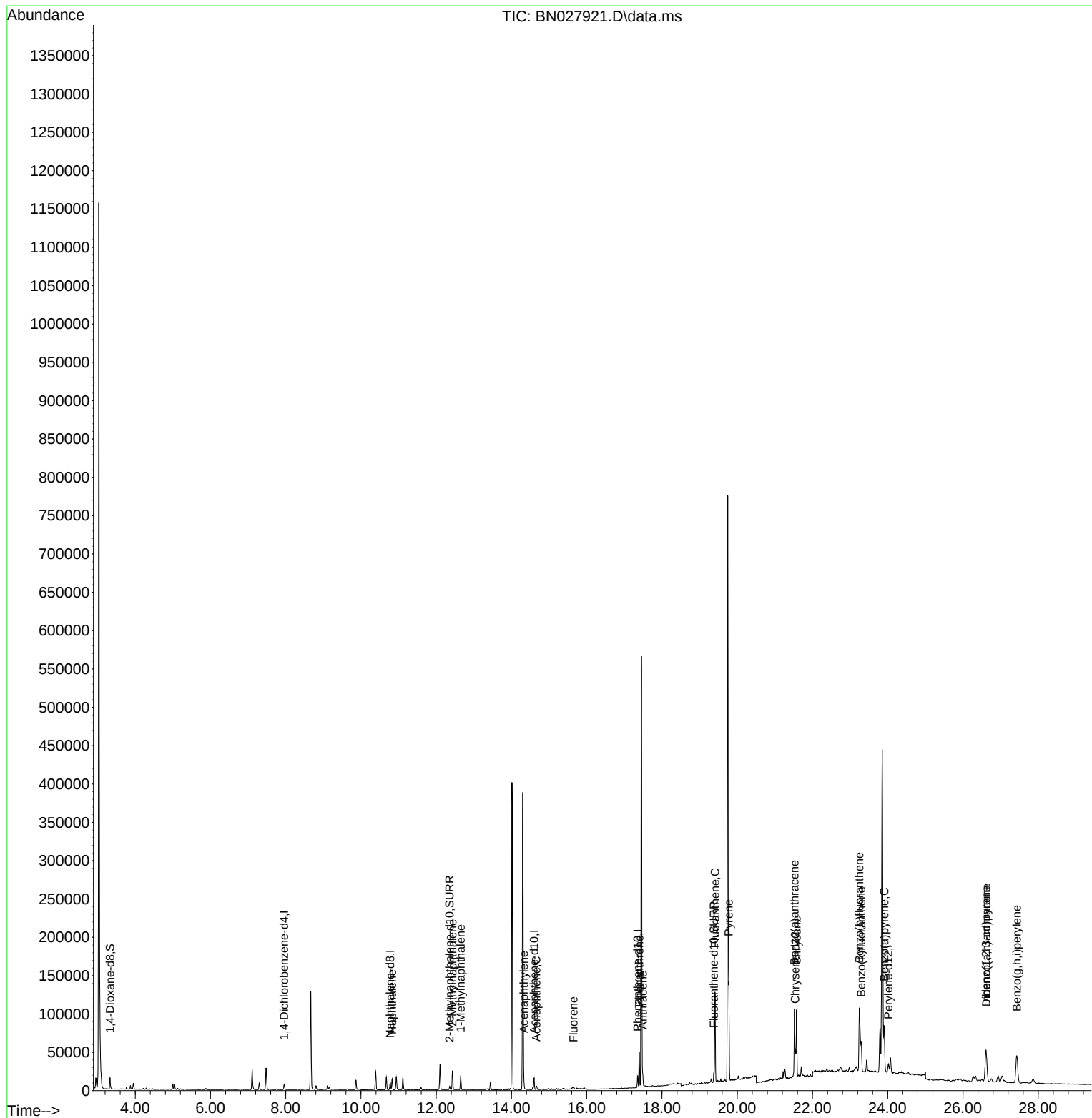
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027921.D
Acq On : 28 Sep 2023 12:15
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Sample : 04417-31
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ALS Vial : 7 Sample Multiplier: 1

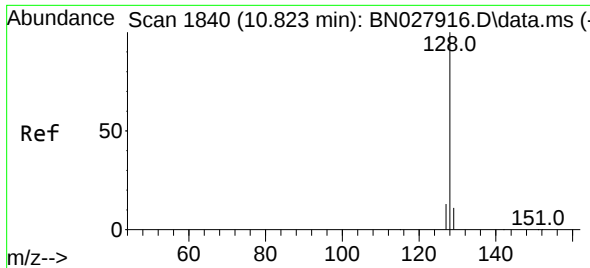
Instrument :
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ClientSampleId :
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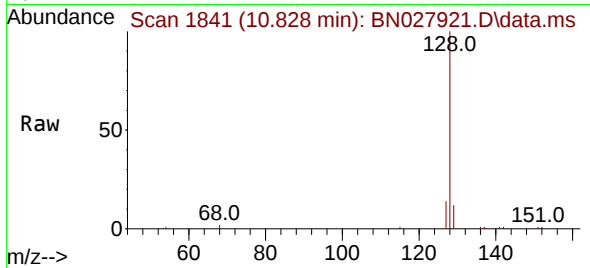
Quant Time: Sep 28 16:13:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.507 ng/ul
RT: 10.828 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

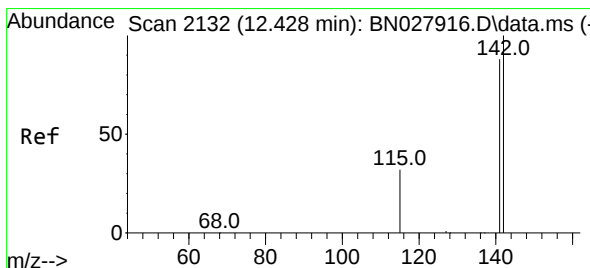
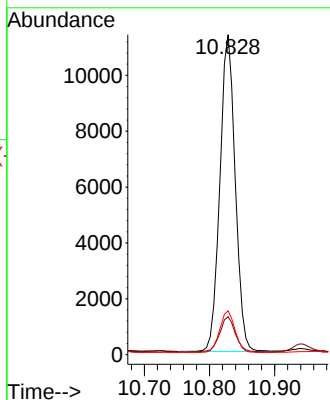
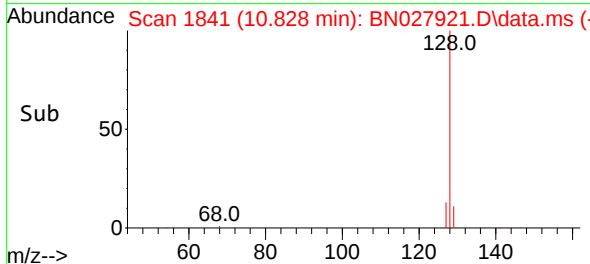
Instrument :
BNA_N
ClientSampleId :
EZYNO



Tgt Ion:128 Resp: 1855
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.7 10.7 16.1

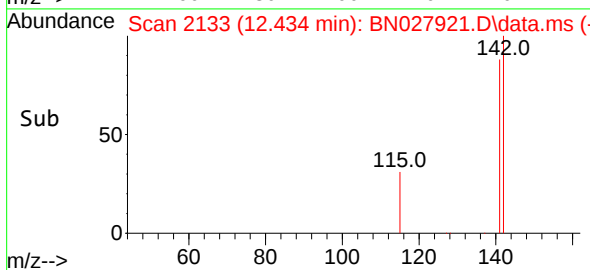
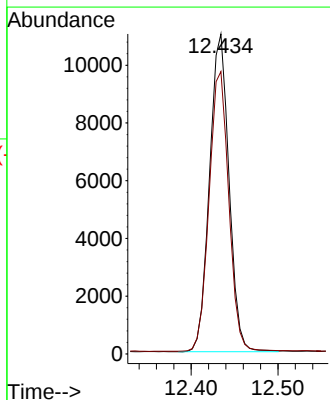
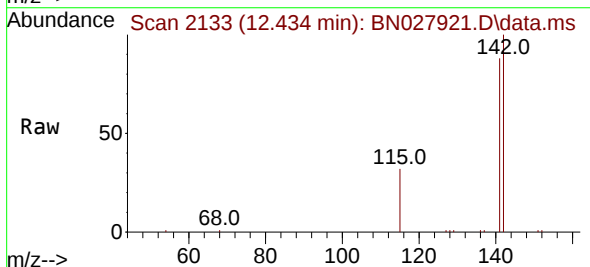
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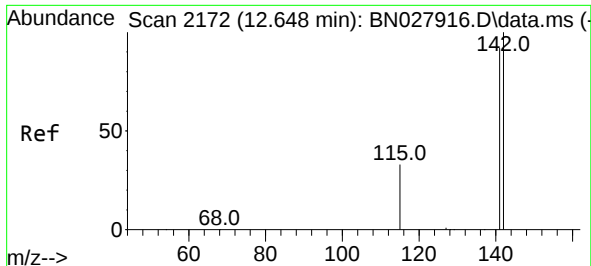
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#7
2-Methylnaphthalene
Concen: 0.738 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

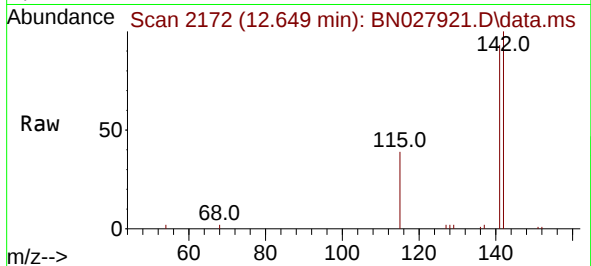
Tgt Ion:142 Resp: 17140
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.649 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

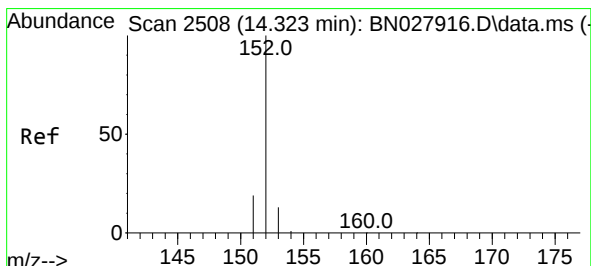
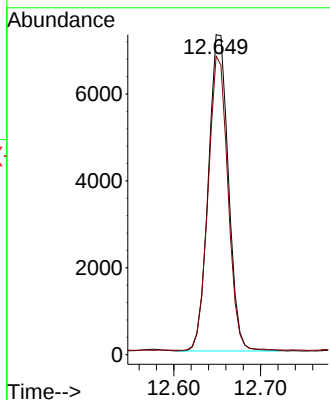
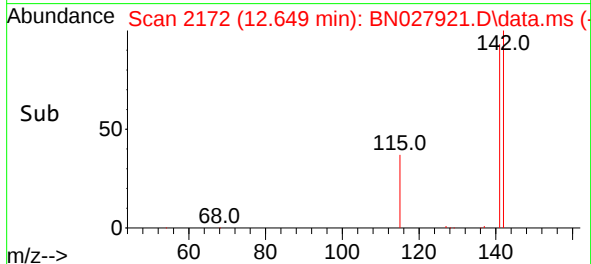
Instrument :
BNA_N
ClientSampleId :
EZYNO



Tgt Ion:142 Resp: 11640
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2

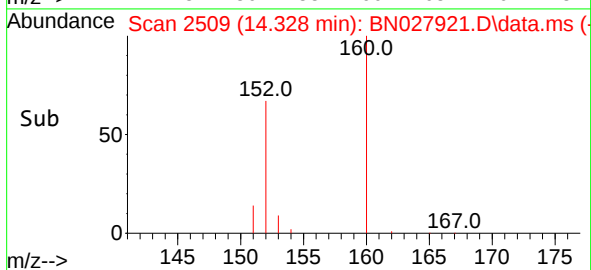
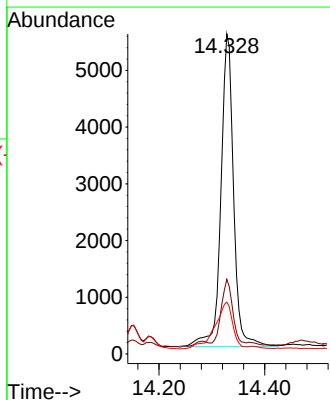
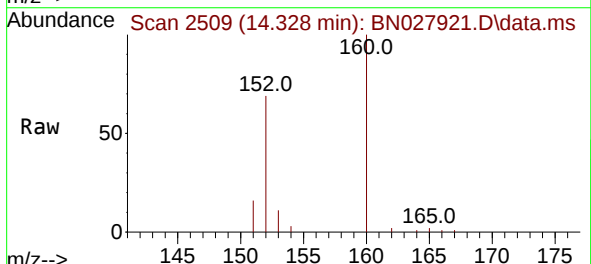
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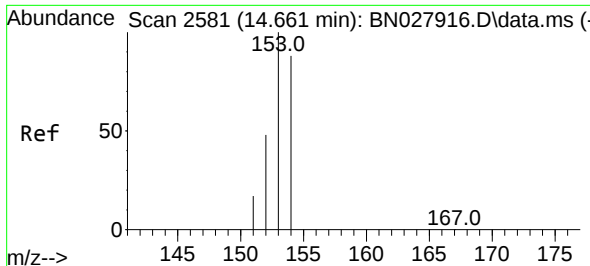
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#10
Acenaphthylene
Concen: 0.262 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.004 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

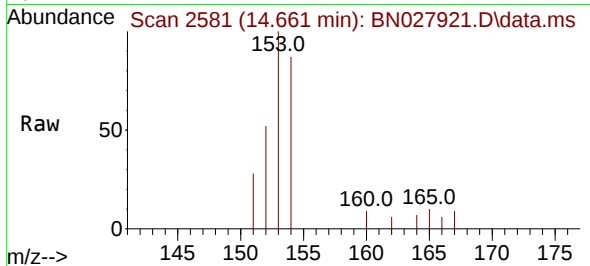
Tgt Ion:152 Resp: 9208
Ion Ratio Lower Upper
152 100
151 23.3 16.6 25.0
153 16.2 11.0 16.6





#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.004 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

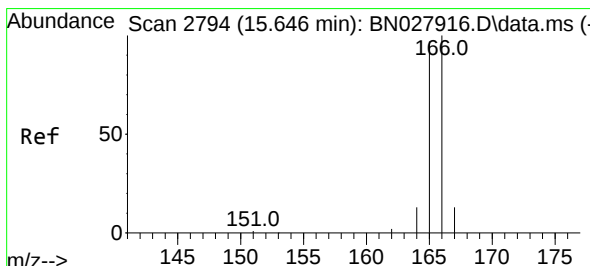
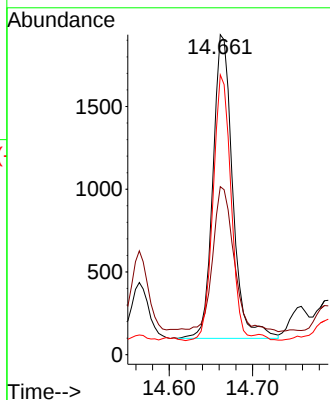
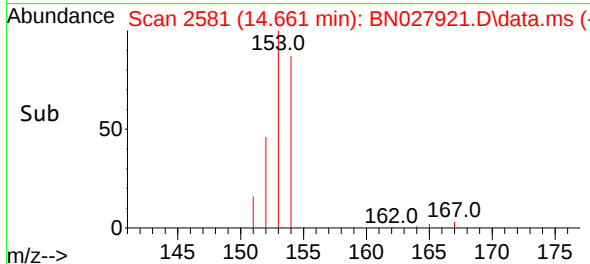
Instrument :
BNA_N
ClientSampleId :
EZYNO



Tgt Ion:153 Resp: 301
Ion Ratio Lower Upper
153 100
152 52.5 41.7 62.5
154 87.4 70.3 105.5

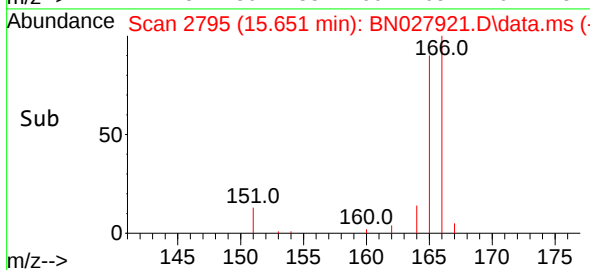
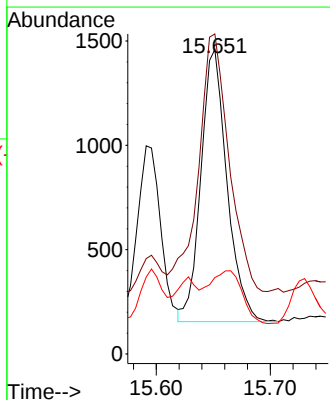
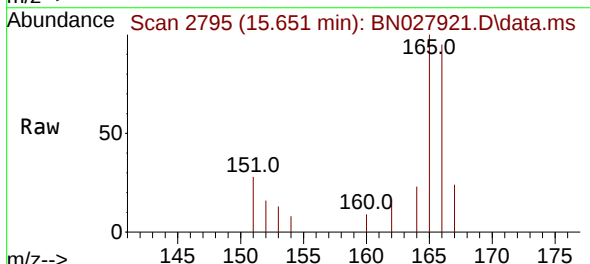
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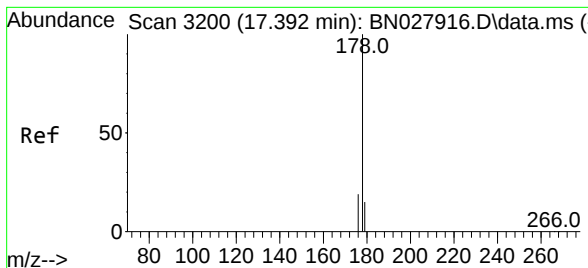
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#12
Fluorene
Concen: 0.058 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

Tgt Ion:166 Resp: 2077
Ion Ratio Lower Upper
166 100
165 105.1 78.0 117.0
167 25.1 11.4 17.2#





#15

Phenanthrene

Concen: 0.868 ng/u1

RT: 17.397 min Scan# 3200

Delta R.T. 0.000 min

Lab File: BN027921.D

Acq: 28 Sep 2023 12:15

Instrument :

BNA_N

ClientSampleId :

EZYN0

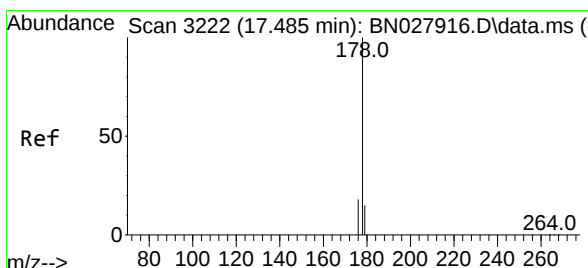
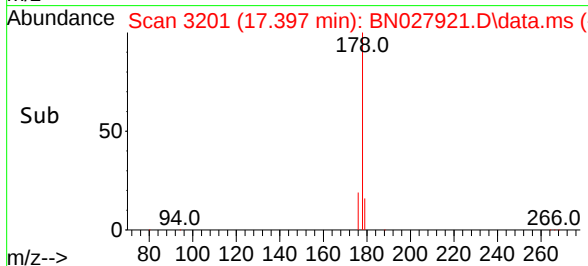
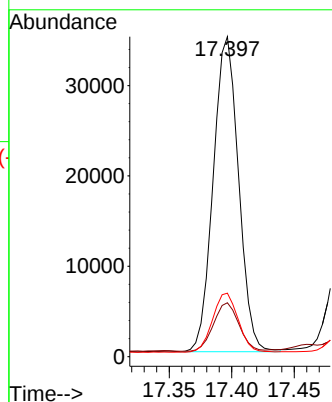
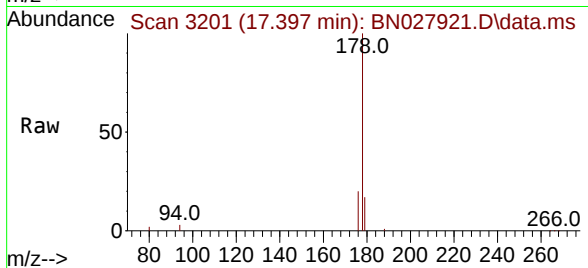
Tgt Ion:178	Resp:	49108
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.4 18.6
176	19.8	16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/30/2023



#16

Anthracene

Concen: 0.338 ng/u1

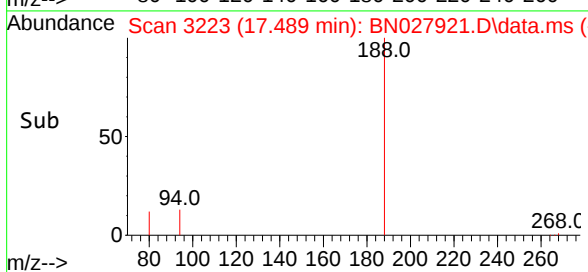
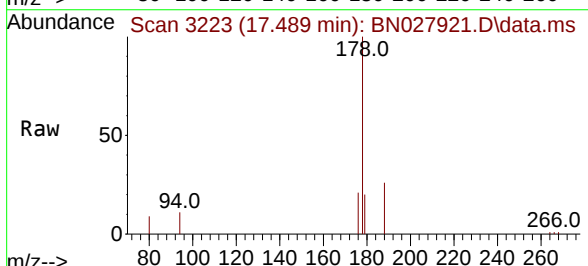
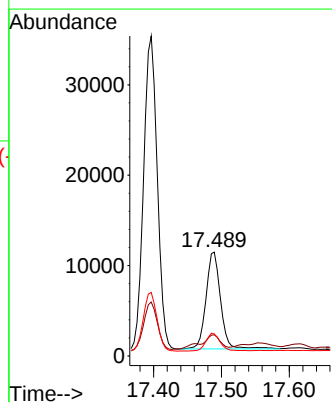
RT: 17.489 min Scan# 3223

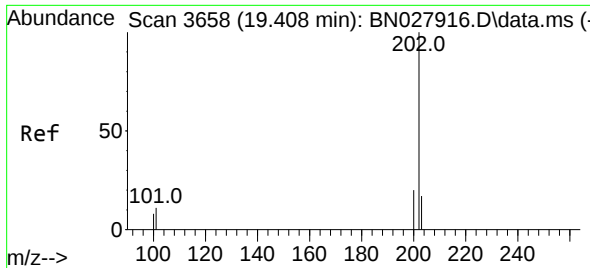
Delta R.T. 0.000 min

Lab File: BN027921.D

Acq: 28 Sep 2023 12:15

Tgt Ion:178	Resp:	15981
Ion Ratio	Lower	Upper
178	100	
179	20.4	12.6 19.0#
176	21.3	15.5 23.3





#19

Fluoranthene

Concen: 1.578 ng/ul

RT: 19.408 min Scan# 3658

Delta R.T. 0.000 min

Lab File: BN027921.D

Acq: 28 Sep 2023 12:15

Instrument :

BNA_N

ClientSampleId :

EZYN0

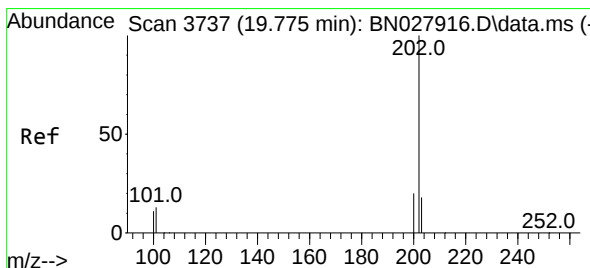
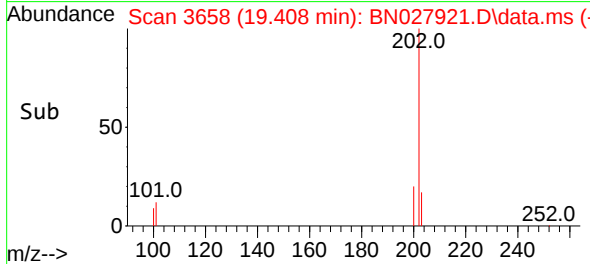
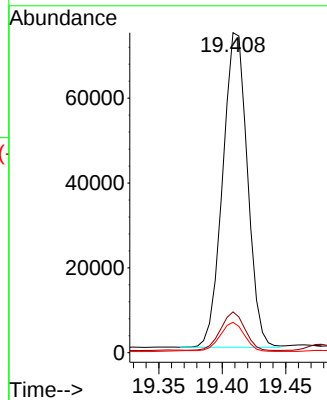
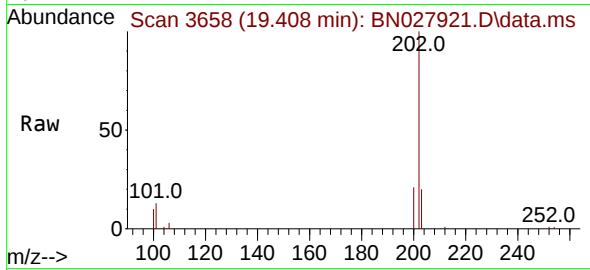
Tgt Ion:	202	Resp:	10042
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.3	13.9
100	9.5	7.0	10.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/30/2023



#20

Pyrene

Concen: 1.513 ng/ul m

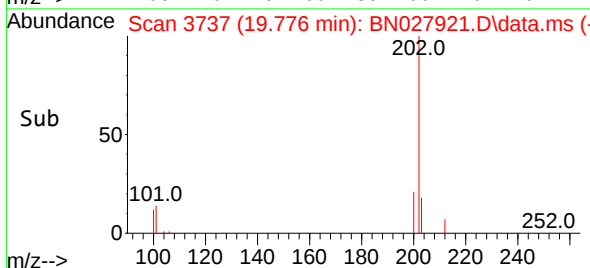
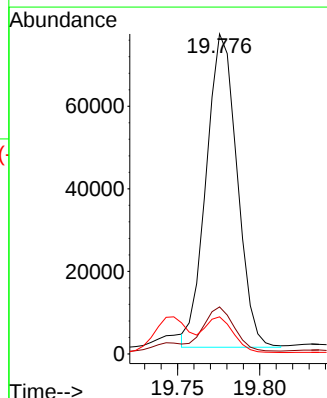
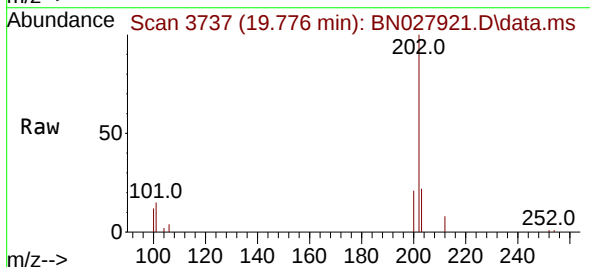
RT: 19.776 min Scan# 3737

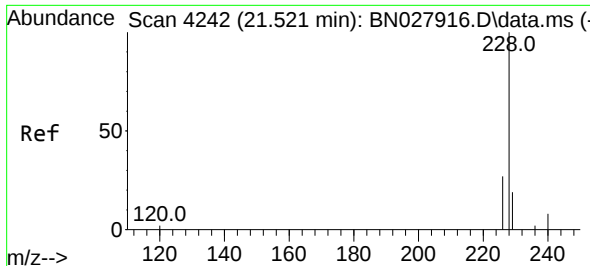
Delta R.T. 0.000 min

Lab File: BN027921.D

Acq: 28 Sep 2023 12:15

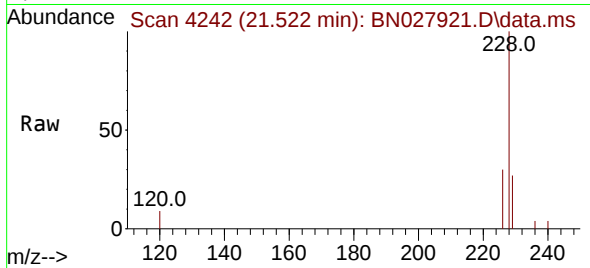
Tgt Ion:	202	Resp:	99193
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.4	17.0
100	11.6	9.1	13.7





#21
Benzo(a)anthracene
Concen: 1.258 ng/ul
RT: 21.522 min Scan# 4242
Delta R.T. 0.003 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

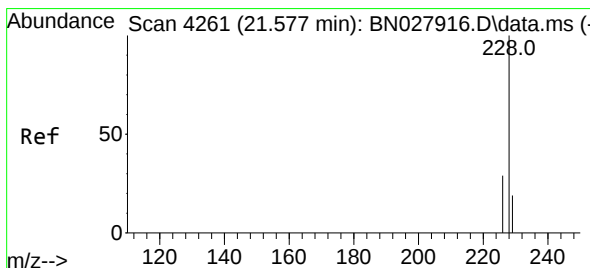
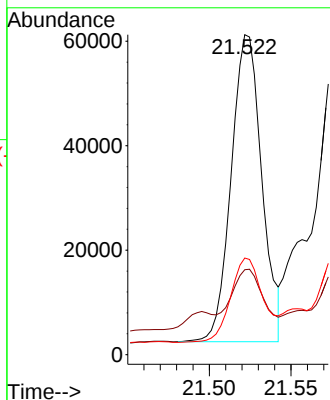
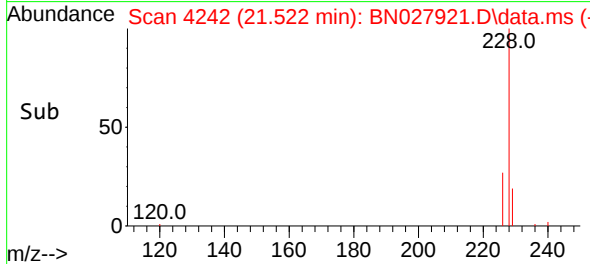
Instrument :
BNA_N
ClientSampleId :
EZYNO



Tgt Ion:228 Resp: 7661
Ion Ratio Lower Upper
228 100
229 26.6 15.8 23.8
226 30.2 22.0 33.0

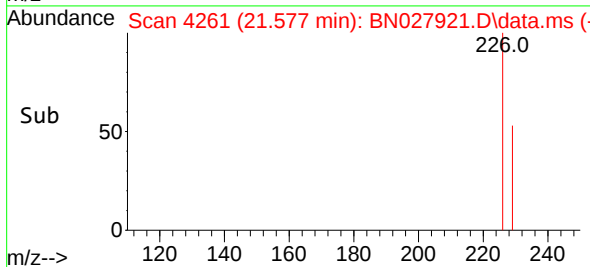
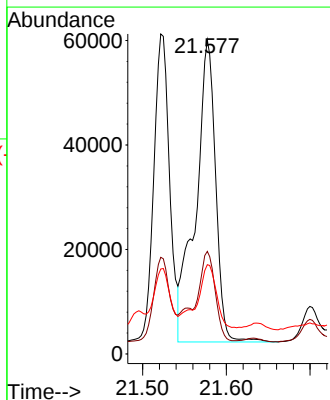
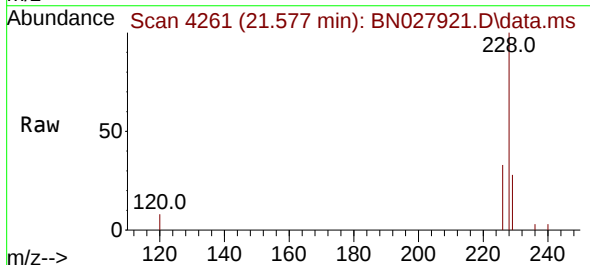
Manual Integrations
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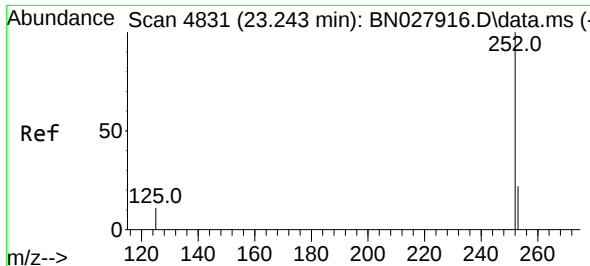
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#22
Chrysene
Concen: 1.523 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

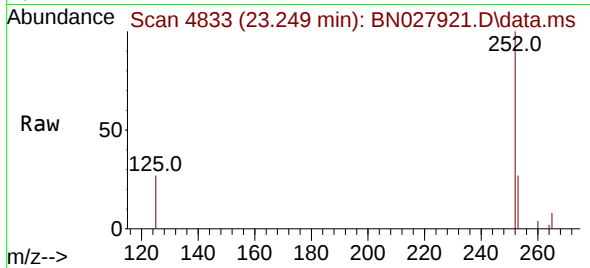
Tgt Ion:228 Resp: 95869
Ion Ratio Lower Upper
228 100
226 32.6 24.5 36.7
229 28.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.312 ng/ul m
RT: 23.249 min Scan# 4831
Delta R.T. 0.009 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

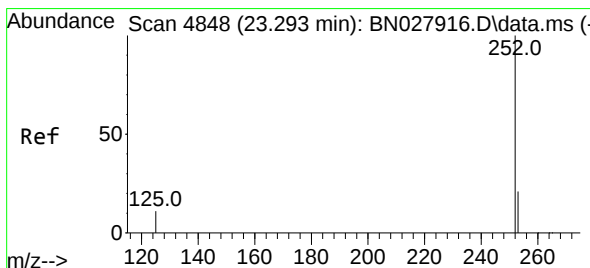
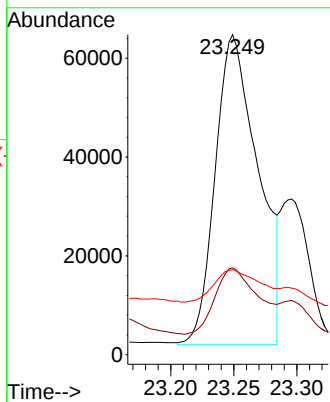
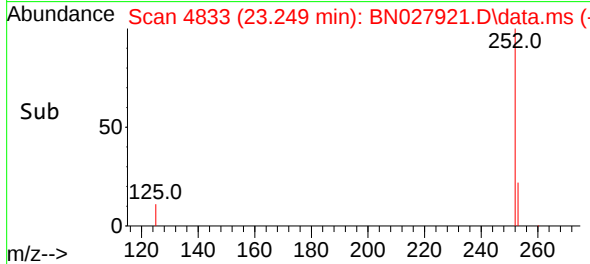
Instrument :
BNA_N
ClientSampleId :
EZYNO



Tgt Ion:252 Resp: 14843
Ion Ratio Lower Upper
252 100
253 27.2 0.0 50.2
125 26.7 0.0 31.4

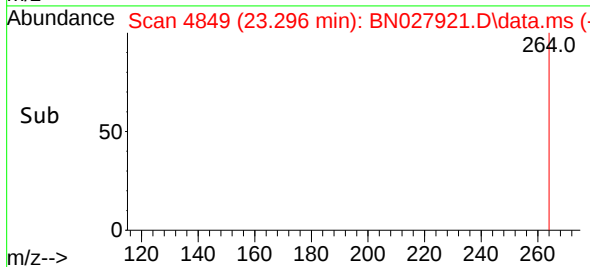
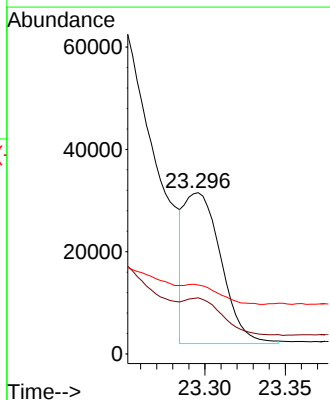
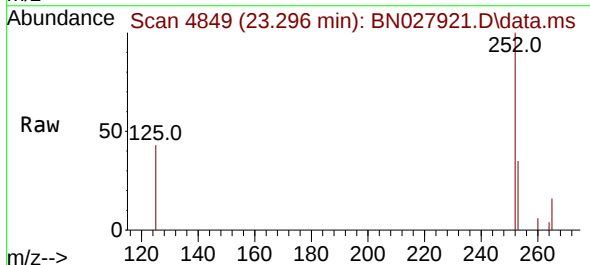
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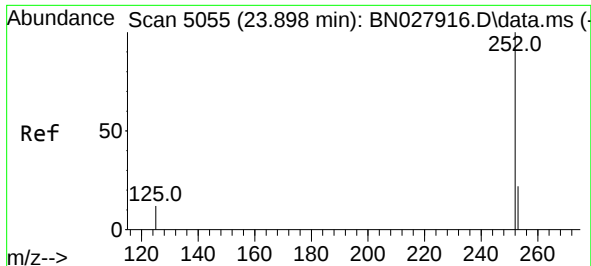
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.755 ng/ul m
RT: 23.296 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

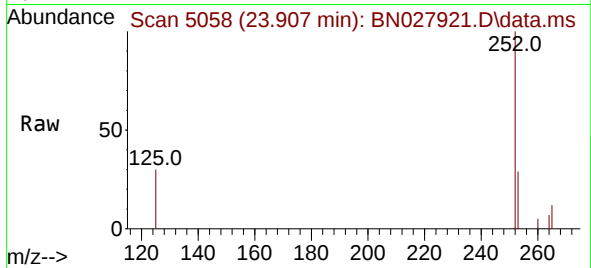
Tgt Ion:252 Resp: 46957
Ion Ratio Lower Upper
252 100
253 34.9 19.9 29.9#
125 42.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 1.746 ng/ul
RT: 23.907 min Scan# 5055
Delta R.T. 0.012 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

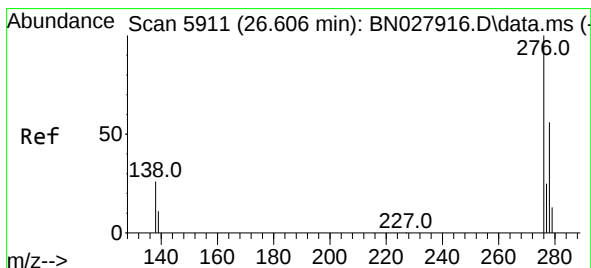
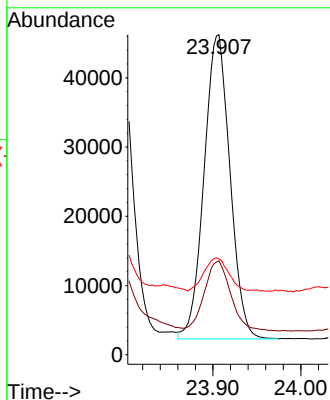
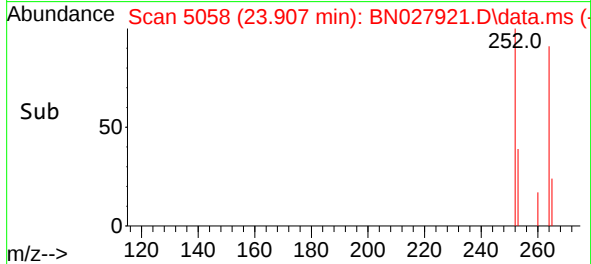
Instrument :
BNA_N
ClientSampleId :
EZYNO



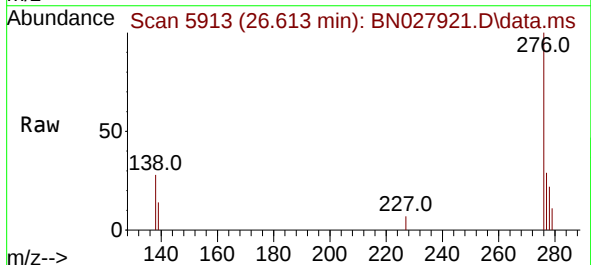
Tgt Ion:252 Resp: 90133
Ion Ratio Lower Upper
252 100
253 29.3 21.9 32.9
125 30.0 15.5 23.3

Manual Integrations
APPROVED

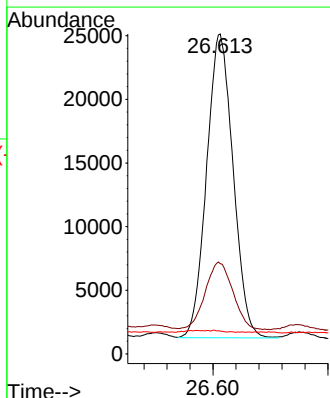
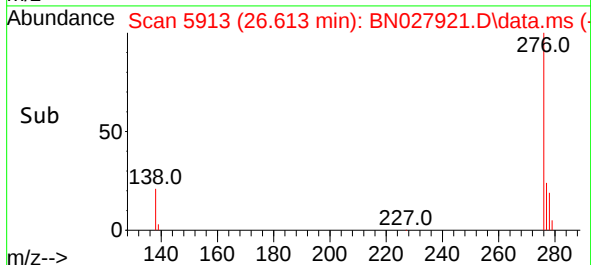
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

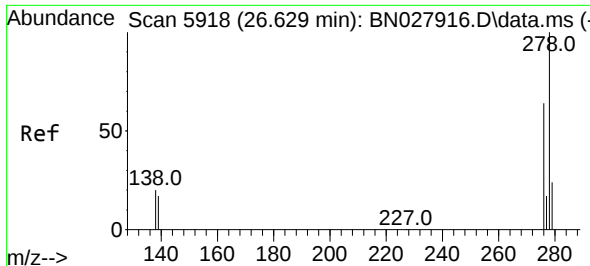


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.154 ng/ul
RT: 26.613 min Scan# 5913
Delta R.T. 0.014 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15



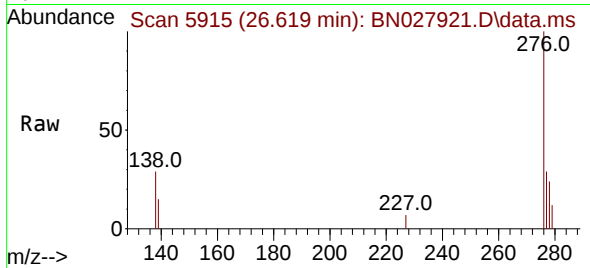
Tgt Ion:276 Resp: 76321
Ion Ratio Lower Upper
276 100
138 23.3 24.3 36.5#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 26.619 min Scan# 5918
Delta R.T. -0.003 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15

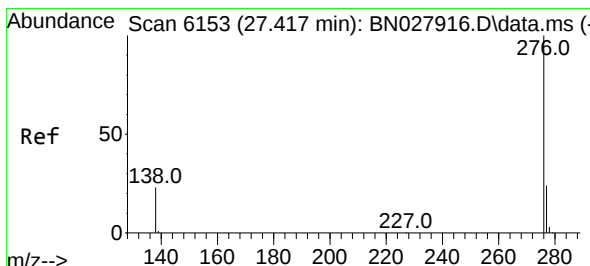
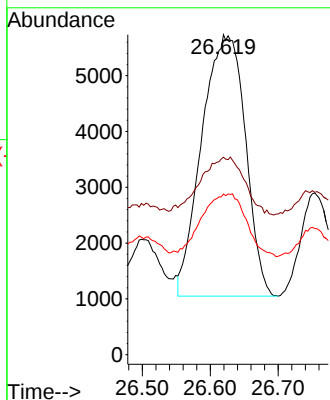
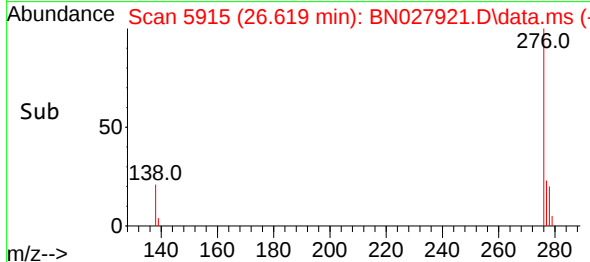
Instrument :
BNA_N
ClientSampleId :
EZYNO



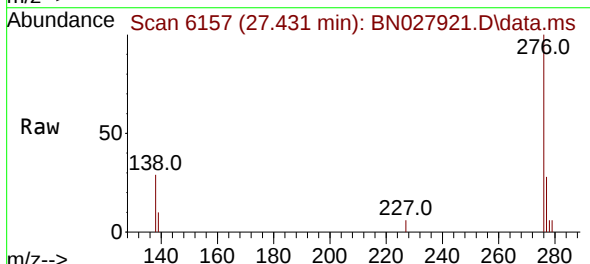
Tgt Ion:278 Resp: 20849
Ion Ratio Lower Upper
278 100
139 61.7 17.2 25.8
279 50.2 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#29
Benzo(g,h,i)perylene
Concen: 1.521 ng/ul
RT: 27.431 min Scan# 6157
Delta R.T. 0.020 min
Lab File: BN027921.D
Acq: 28 Sep 2023 12:15



Tgt Ion:276 Resp: 85454
Ion Ratio Lower Upper
276 100
138 28.7 21.7 32.5
277 28.1 20.2 30.2

