

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027890.D
 Acq On : 27 Sep 2023 08:56
 Operator : MA/JU
 Sample : 04472-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM5

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 23:59:38 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	7.962	152	6390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	23718	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	15393	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	35173	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.539	240	32682	0.400	ng/ul	# 0.00
23) Perylene-d12	24.009	264	37719	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	10848	1.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3387	0.094	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	8580	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	7039	0.104	ng/ul	95
7) 2-Methylnaphthalene	12.434	142	1760	0.041	ng/ul	96
8) 1-Methylnaphthalene	12.654	142	1480	0.033	ng/ul	99
10) Acenaphthylene	14.333	152	4626	0.069	ng/ul#	85
11) Acenaphthene	14.666	153	3015	0.052	ng/ul	99
12) Fluorene	15.651	166	4032	0.059	ng/ul#	92
15) Phenanthrene	17.397	178	34585	0.313	ng/ul#	96
16) Anthracene	17.489	178	10417	0.113	ng/ul#	87
19) Fluoranthene	19.408	202	107339	0.812	ng/ul	98
20) Pyrene	19.776	202	95788m	0.704	ng/ul	
21) Benzo(a)anthracene	21.522	228	59451	0.470	ng/ul#	91
22) Chrysene	21.577	228	65801	0.504	ng/ul#	89
24) Benzo(b)fluoranthene	23.246	252	83536m	0.497	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	30555m	0.187	ng/ul	
26) Benzo(a)pyrene	23.901	252	58267	0.431	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.603	276	38640	0.223	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.620	278	11718	0.084	ng/ul#	54
29) Benzo(g,h,i)perylene	27.418	276	38582	0.262	ng/ul	98

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

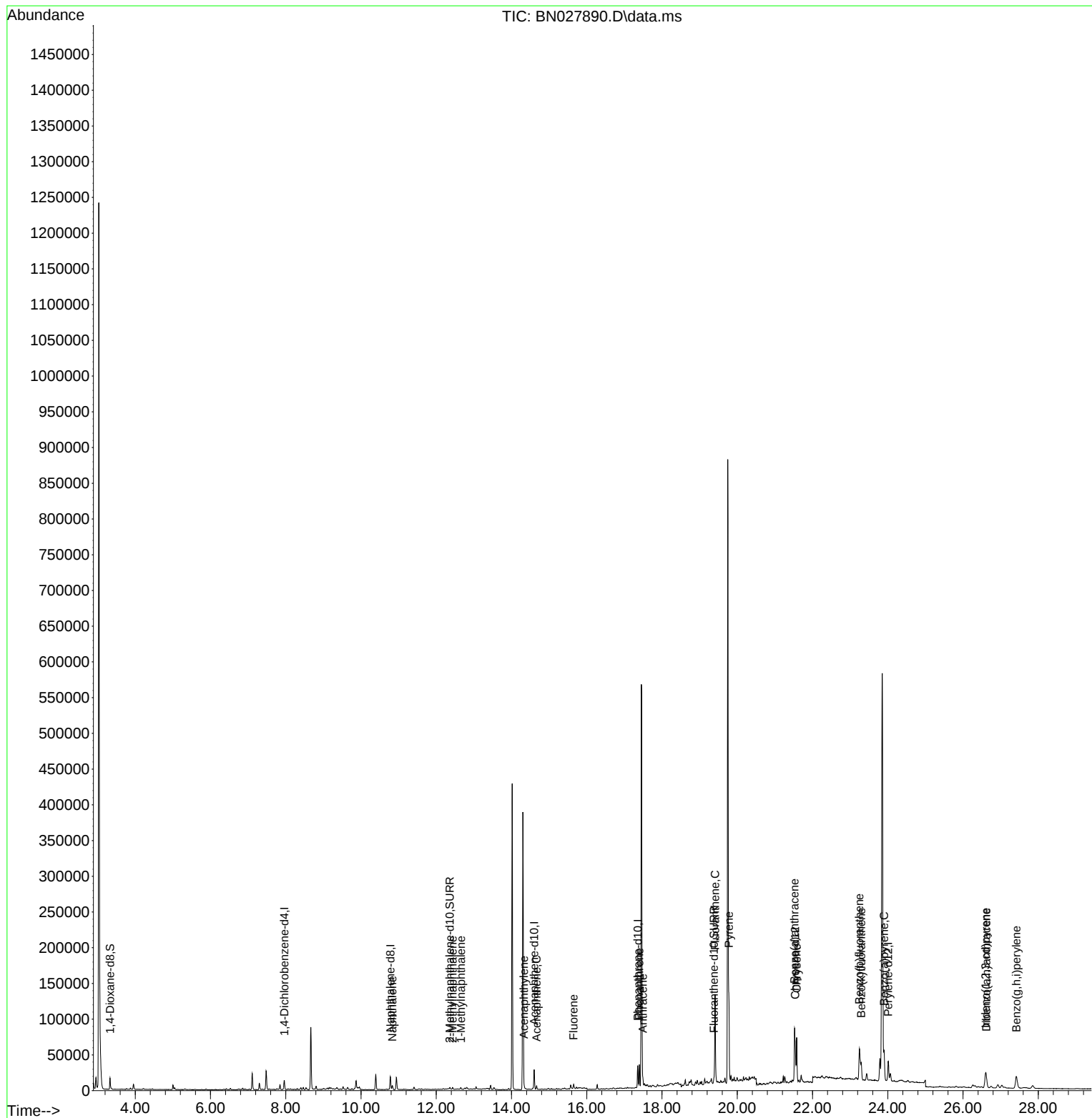
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027890.D
Acq On : 27 Sep 2023 08:56
Operator : MA/JU
Sample : 04472-16
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ALS Vial : 40 Sample Multiplier: 1

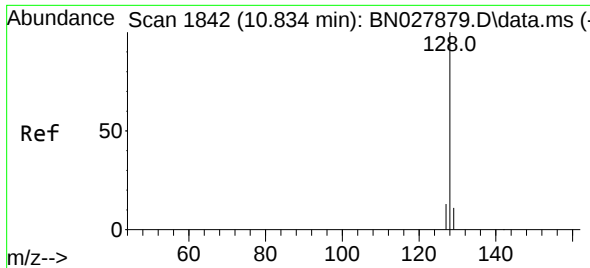
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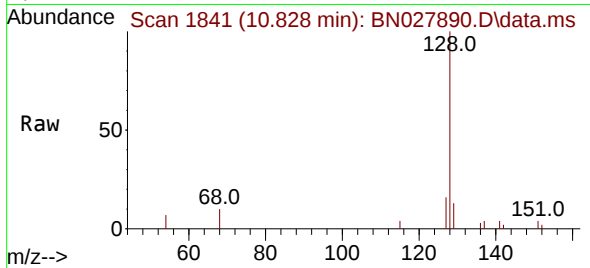
Quant Time: Sep 27 23:59:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

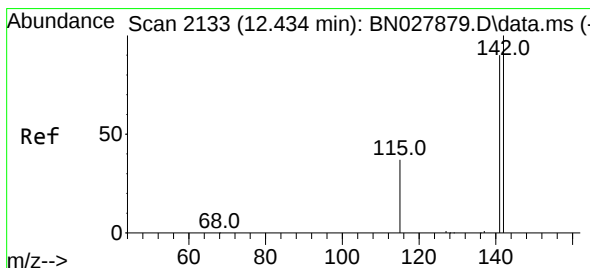
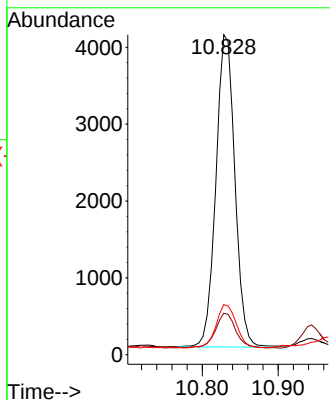
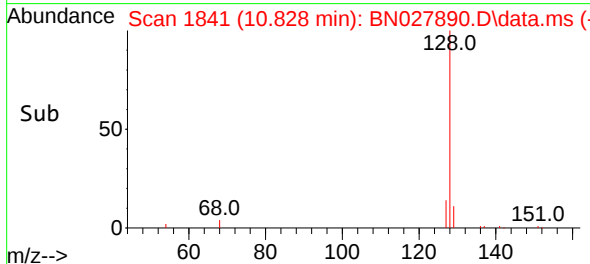
Instrument :
BNA_N
ClientSampleId :
EZYM5



Tgt Ion:128 Resp: 7039
Ion Ratio Lower Upper
128 100
129 13.0 9.3 13.9
127 15.6 10.7 16.1

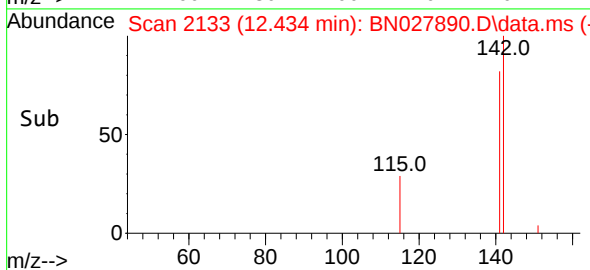
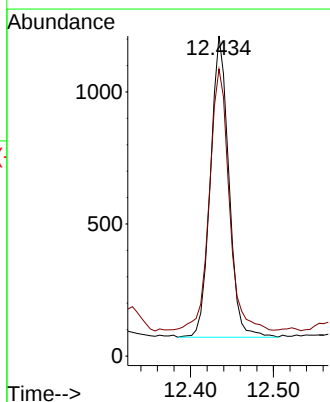
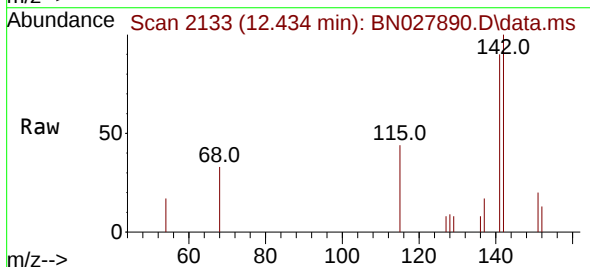
Manual Integrations
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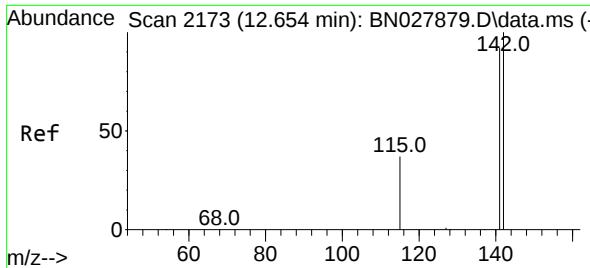
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

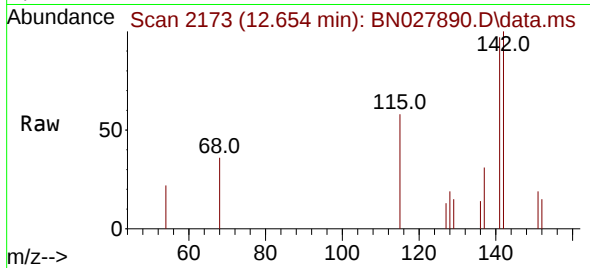
Tgt Ion:142 Resp: 1760
Ion Ratio Lower Upper
142 100
141 92.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

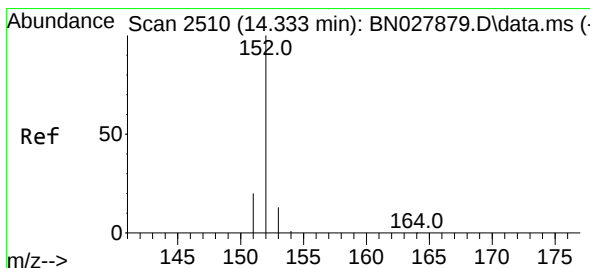
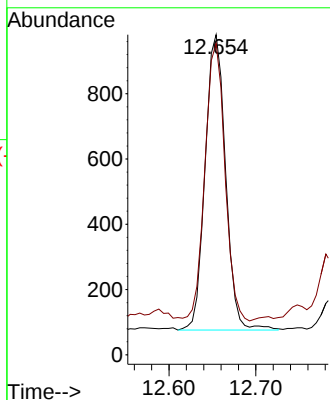
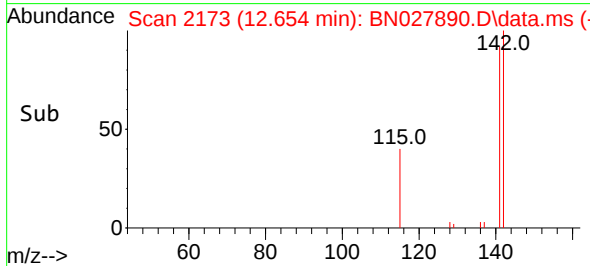
Instrument :
BNA_N
ClientSampleId :
EZYM5



Tgt Ion:142 Resp: 1480
Ion Ratio Lower Upper
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141 91.6 72.8 109.2

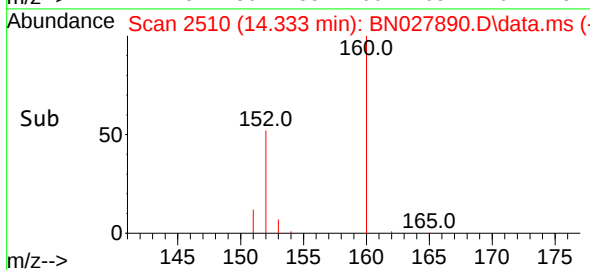
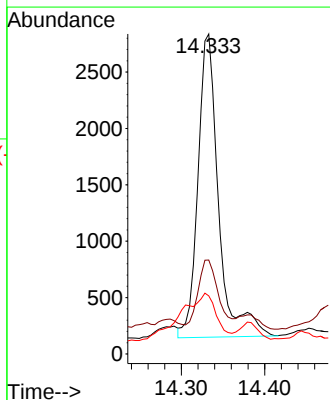
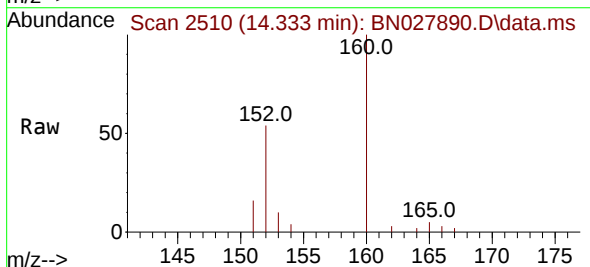
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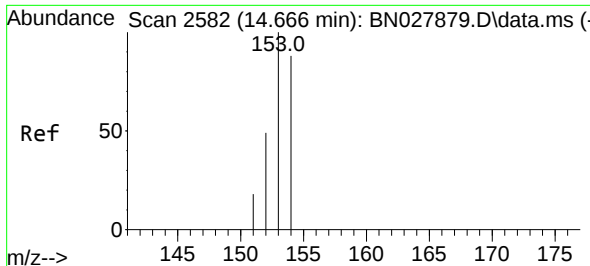
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

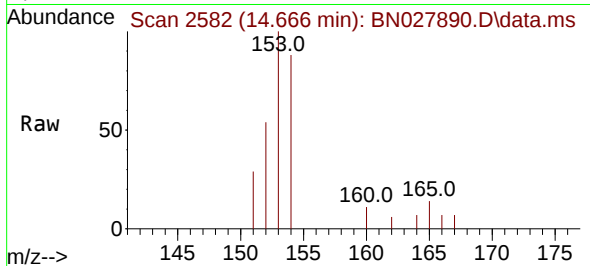
Tgt Ion:152 Resp: 4626
Ion Ratio Lower Upper
152 100
151 29.4 16.6 25.0#
153 18.1 11.0 16.6#





#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.666 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

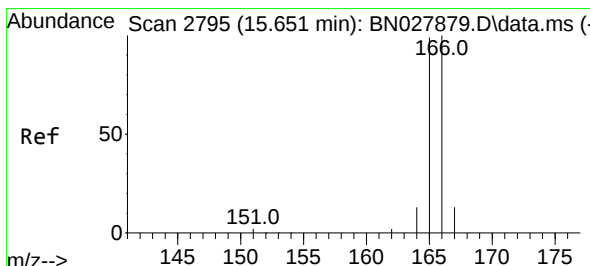
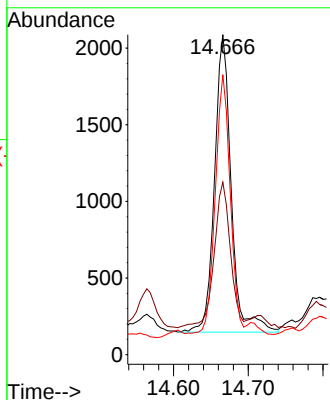
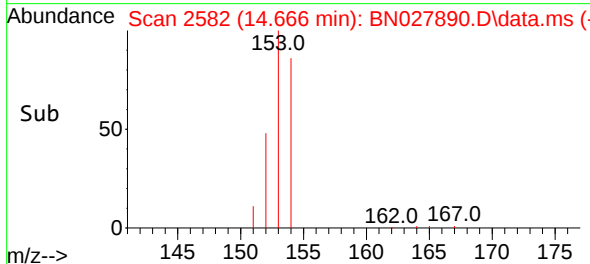
Instrument :
BNA_N
ClientSampleId :
EZYM5



Tgt Ion:153 Resp: 301
Ion Ratio Lower Upper
153 100
152 53.9 41.7 62.5
154 87.5 70.3 105.5

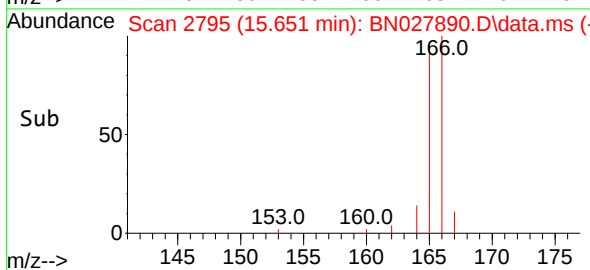
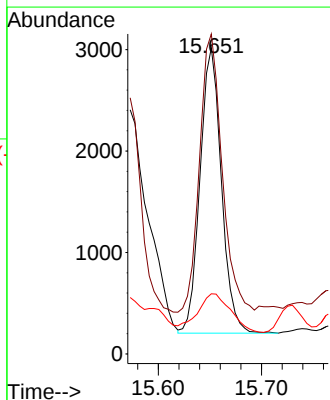
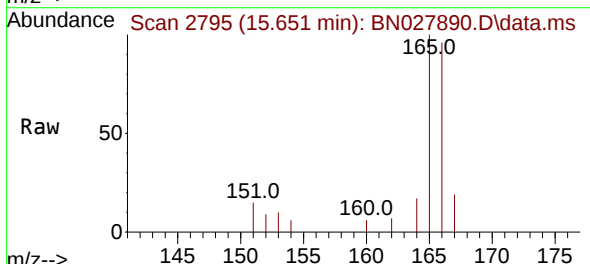
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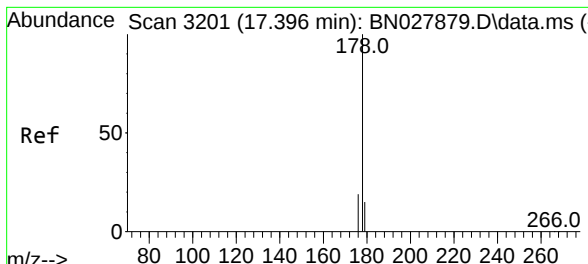
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#12
Fluorene
Concen: 0.059 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

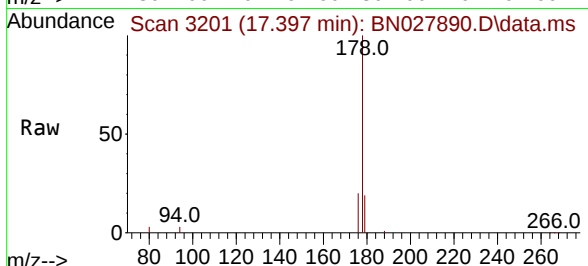
Tgt Ion:166 Resp: 4032
Ion Ratio Lower Upper
166 100
165 104.5 78.0 117.0
167 19.6 11.4 17.2#





#15
 Phenanthrene
 Concen: 0.313 ng/ul
 RT: 17.397 min Scan# 3201
 Delta R.T. 0.000 min
 Lab File: BN027890.D
 Acq: 27 Sep 2023 08:56

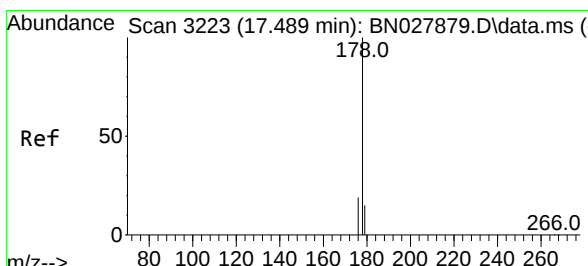
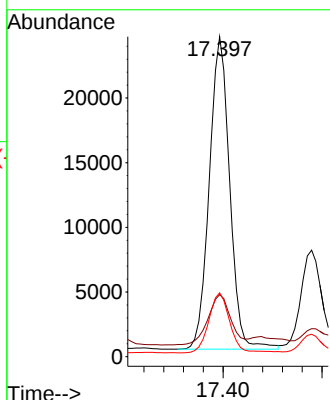
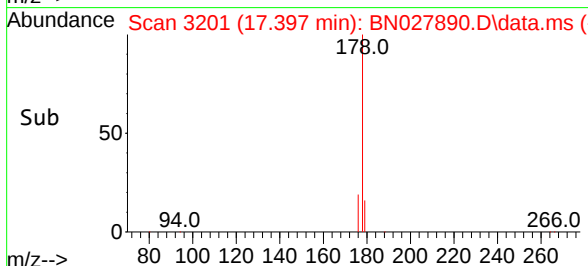
Instrument :
 BNA_N
 ClientSampleId :
 EZYM5



Tgt Ion:	178	Resp:	3458
Ion Ratio	Lower	Upper	
178	100		
179	19.4	12.4	18.6
176	19.9	16.0	24.0

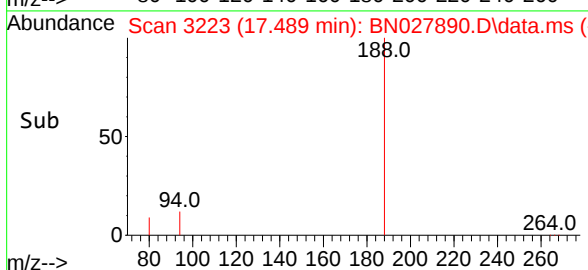
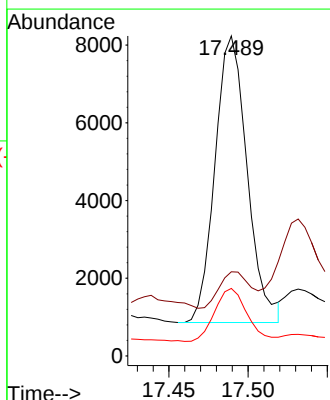
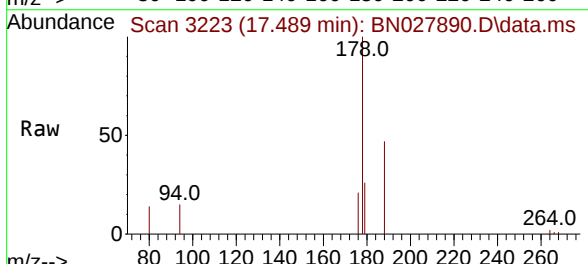
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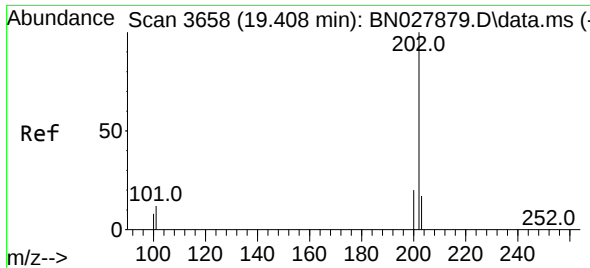
Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :mohammad ahmed 09/28/2023



#16
 Anthracene
 Concen: 0.113 ng/ul
 RT: 17.489 min Scan# 3223
 Delta R.T. 0.000 min
 Lab File: BN027890.D
 Acq: 27 Sep 2023 08:56

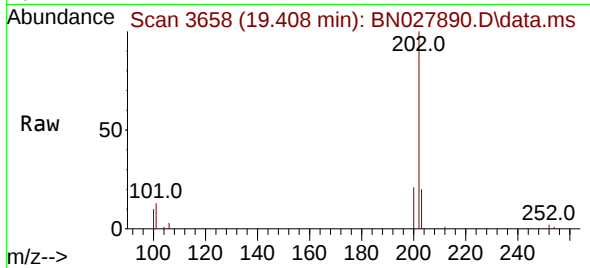
Tgt Ion:	178	Resp:	10417
Ion Ratio	Lower	Upper	
178	100		
179	26.3	12.6	19.0
176	21.1	15.5	23.3





#19
Fluoranthene
Concen: 0.812 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

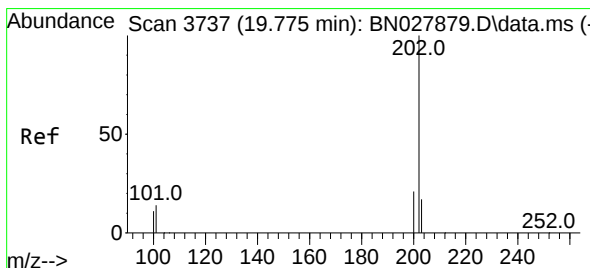
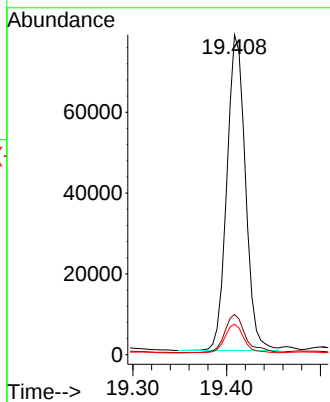
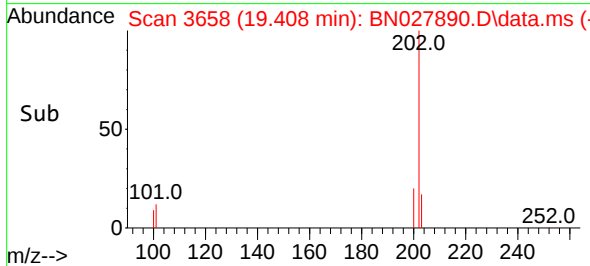
Instrument :
BNA_N
ClientSampleId :
EZYM5



Tgt Ion:202 Resp: 107339
Ion Ratio Lower Upper
202 100
101 12.6 9.3 13.9
100 9.5 7.0 10.4

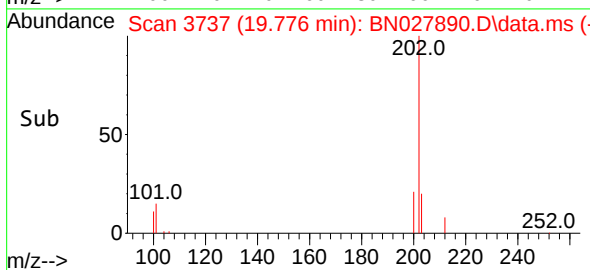
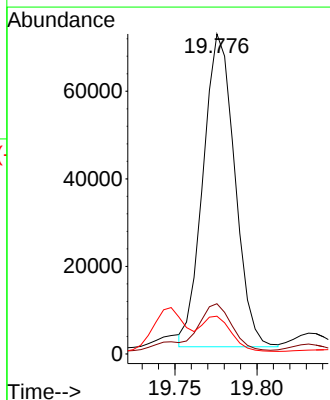
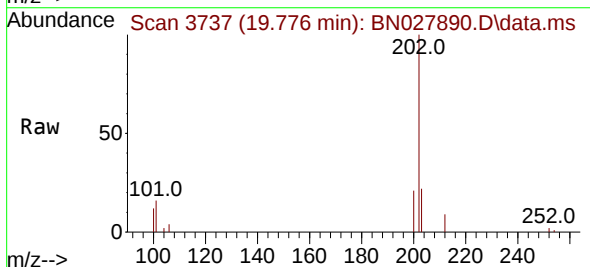
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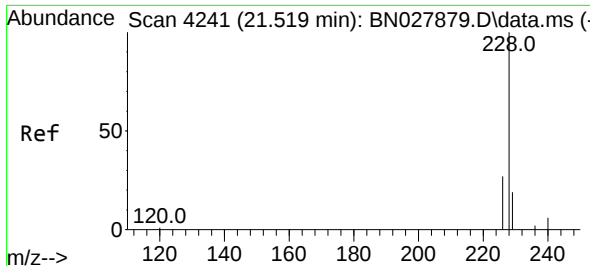
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 0.704 ng/ul m
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

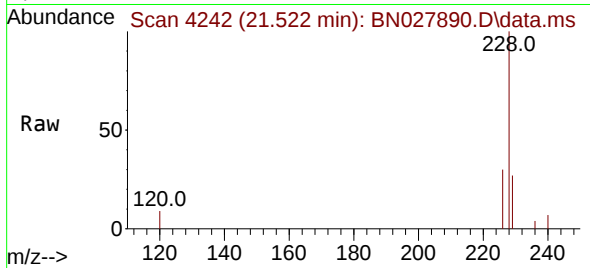
Tgt Ion:202 Resp: 95788
Ion Ratio Lower Upper
202 100
101 15.7 11.4 17.0
100 11.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.470 ng/u1
RT: 21.522 min Scan# 4241
Delta R.T. 0.003 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

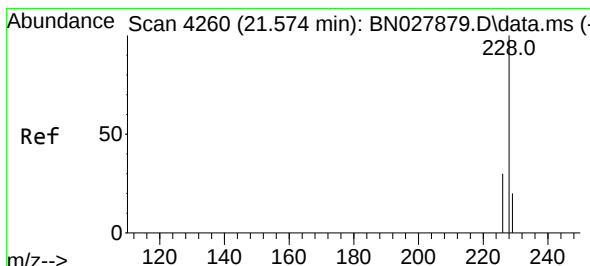
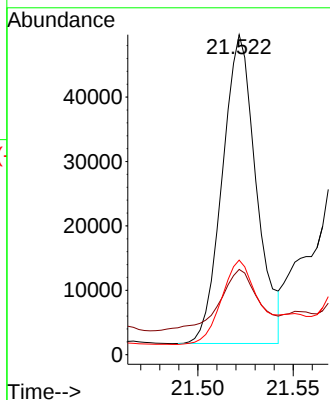
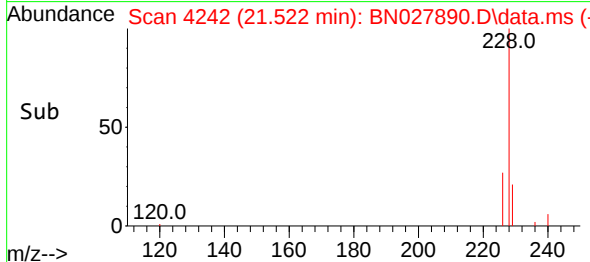
Instrument :
BNA_N
ClientSampleId :
EZYM5



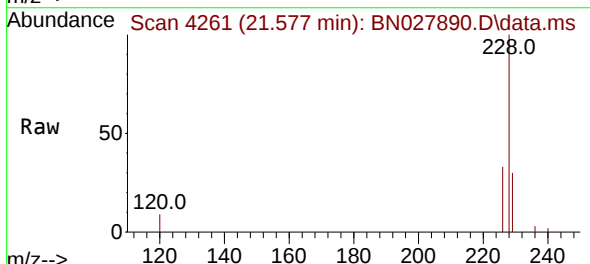
Tgt Ion:228 Resp: 5945
Ion Ratio Lower Upper
228 100
229 26.7 15.8 23.8
226 29.6 22.0 33.0

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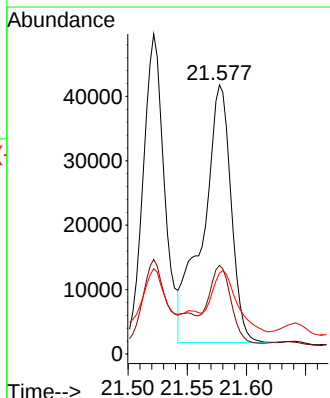
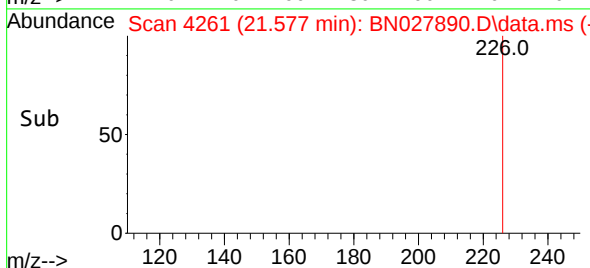
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

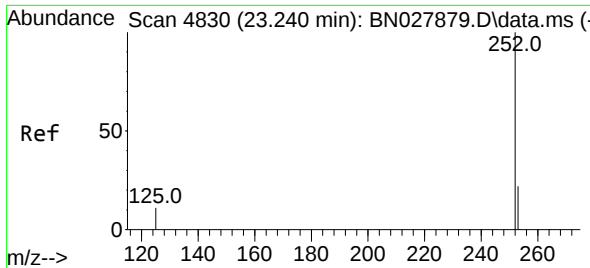


#22
Chrysene
Concen: 0.504 ng/u1
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56



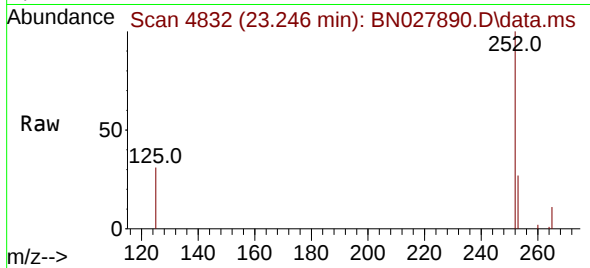
Tgt Ion:228 Resp: 65801
Ion Ratio Lower Upper
228 100
226 32.9 24.5 36.7
229 30.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.497 ng/ul m
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

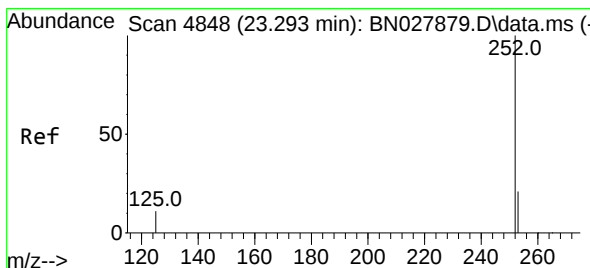
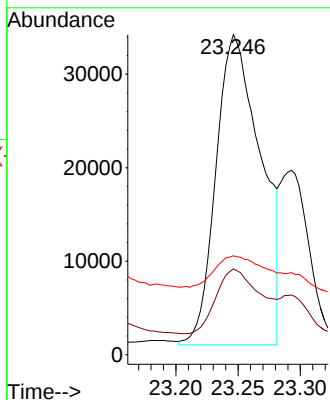
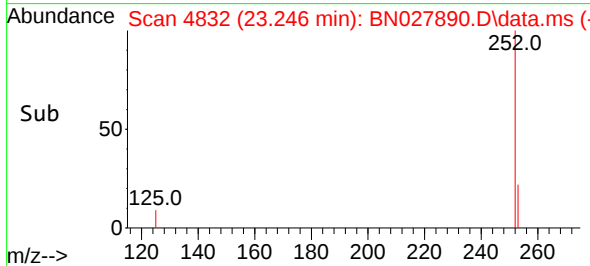
Instrument :
BNA_N
ClientSampleId :
EZYM5



Tgt Ion:252 Resp: 83530
Ion Ratio Lower Upper
252 100
253 26.8 0.0 50.2
125 30.9 0.0 31.4

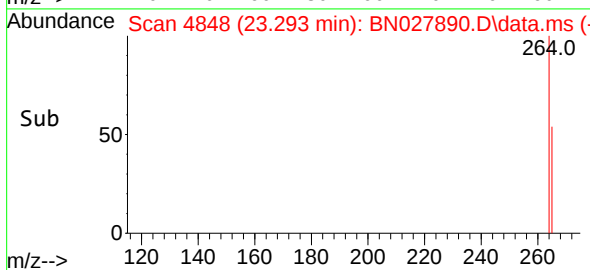
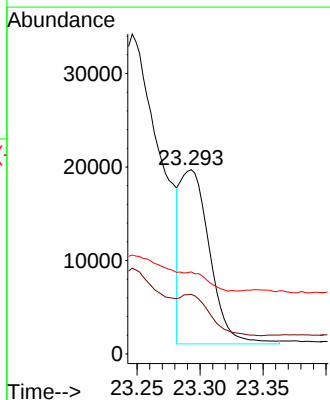
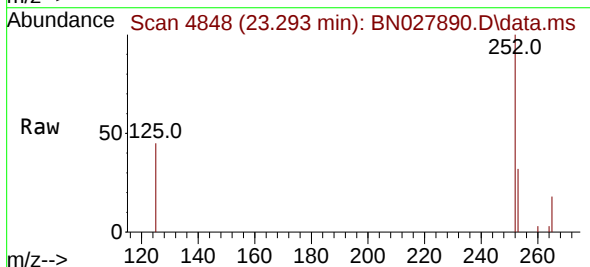
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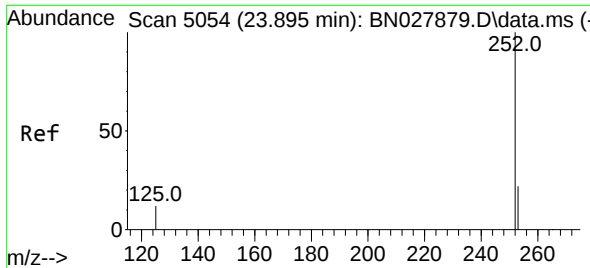
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.000 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

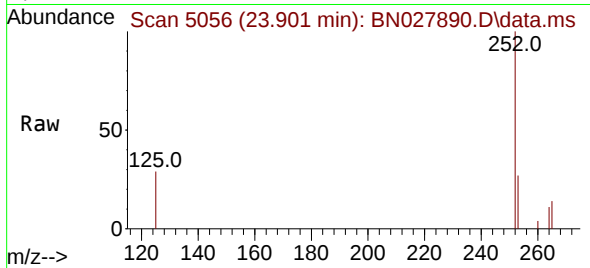
Tgt Ion:252 Resp: 30555
Ion Ratio Lower Upper
252 100
253 32.4 19.9 29.9#
125 44.5 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.431 ng/u1
RT: 23.901 min Scan# 5056
Delta R.T. 0.006 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

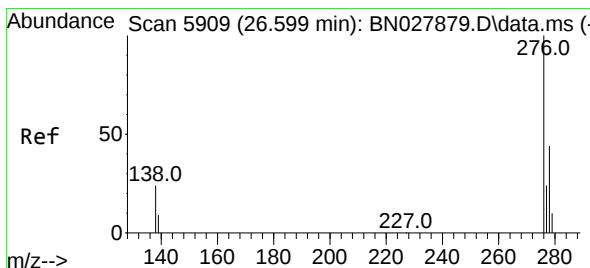
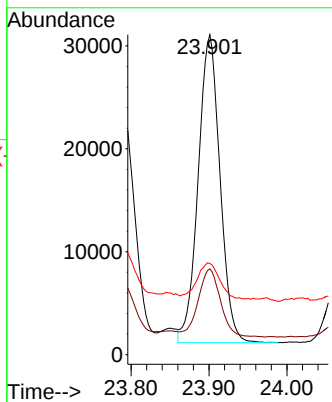
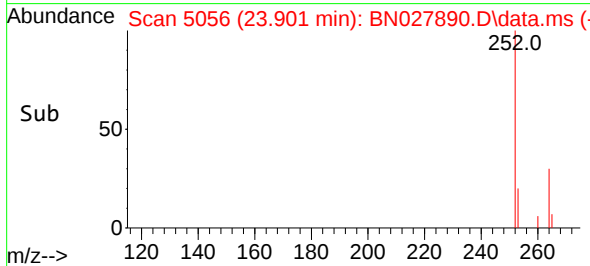
Instrument :
BNA_N
ClientSampleId :
EZYM5



Tgt Ion:252 Resp: 5826
Ion Ratio Lower Upper
252 100
253 26.8 21.9 32.9
125 28.5 15.5 23.3

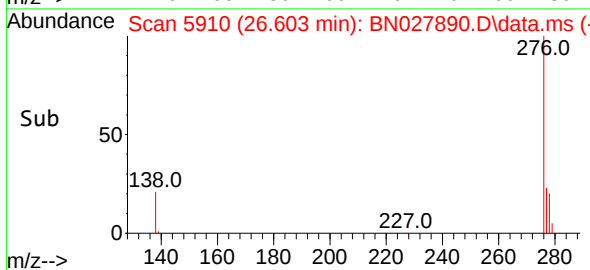
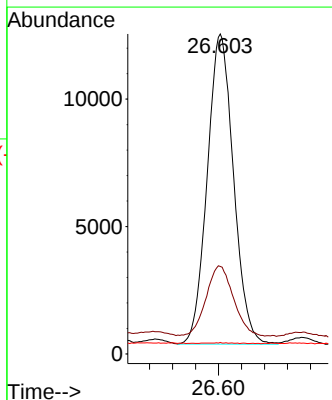
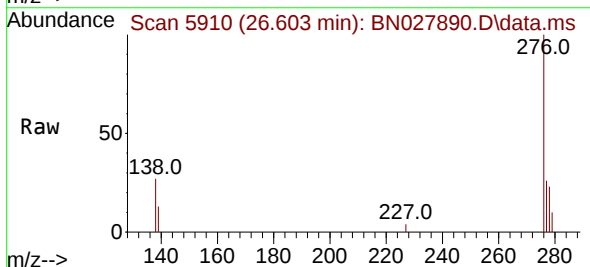
Manual Integrations
APPROVED

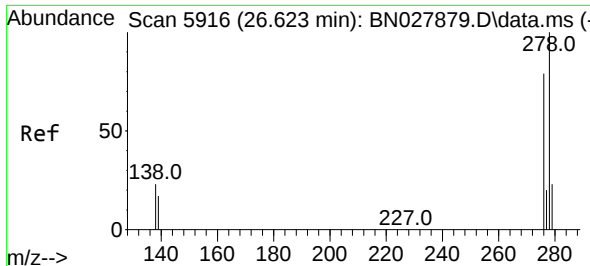
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.223 ng/u1
RT: 26.603 min Scan# 5910
Delta R.T. 0.004 min
Lab File: BN027890.D
Acq: 27 Sep 2023 08:56

Tgt Ion:276 Resp: 38640
Ion Ratio Lower Upper
276 100
138 23.9 24.3 36.5#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.084 ng/ul

RT: 26.620 min Scan# 5916

Delta R.T. -0.003 min

Lab File: BN027890.D

Acq: 27 Sep 2023 08:56

Instrument :

BNA_N

ClientSampleId :

EZYM5

Tgt Ion:278 Resp: 11718

Ion Ratio Lower Upper

278 100

139 53.0 17.2 25.8

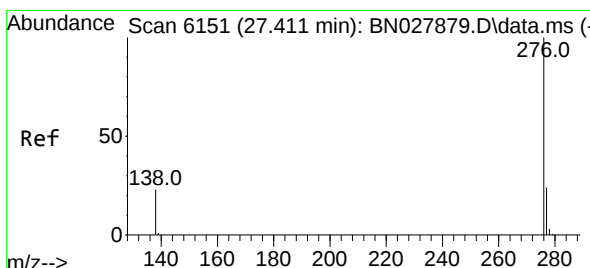
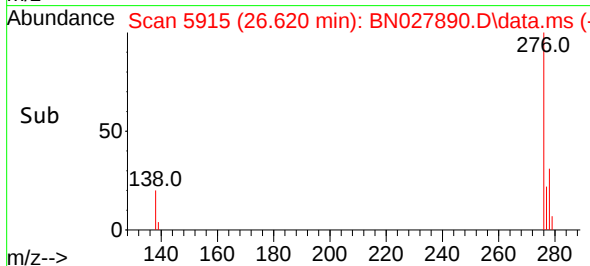
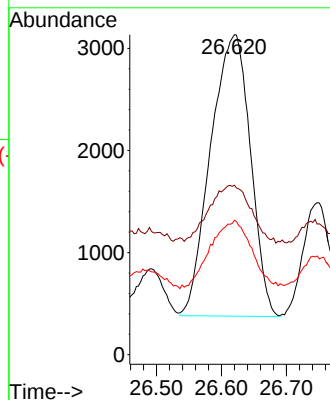
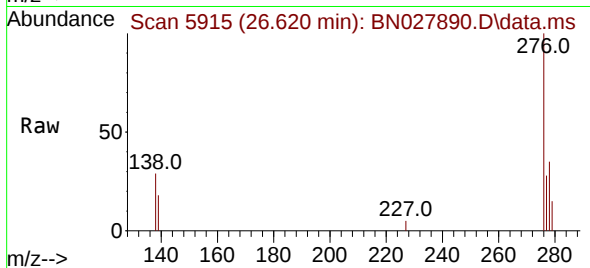
279 42.0 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :mohammad ahmed 09/28/2023



#29

Benzo(g,h,i)perylene

Concen: 0.262 ng/ul

RT: 27.418 min Scan# 6153

Delta R.T. 0.007 min

Lab File: BN027890.D

Acq: 27 Sep 2023 08:56

Tgt Ion:276 Resp: 38582

Ion Ratio Lower Upper

276 100

138 27.7 21.7 32.5

277 26.5 20.2 30.2

