

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027902.D
 Acq On : 27 Sep 2023 16:45
 Operator : MA/JU
 Sample : 04472-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYE8

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 00:01:22 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	3236	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	12315	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	8004	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	18162	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	18157	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	19255	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	7658	1.879	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	4668	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12493	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	7764	0.221	ng/ul	97
7) 2-Methylnaphthalene	12.434	142	6597	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	4556	0.198	ng/ul	98
10) Acenaphthylene	14.333	152	7224	0.207	ng/ul	97
11) Acenaphthene	14.666	153	1918	0.063	ng/ul	96
12) Fluorene	15.651	166	1159	0.033	ng/ul#	87
15) Phenanthrene	17.396	178	36731	0.644	ng/ul	99
16) Anthracene	17.489	178	8000	0.167	ng/ul#	94
19) Fluoranthene	19.413	202	73756	1.005	ng/ul	99
20) Pyrene	19.775	202	70290m	0.929	ng/ul	
21) Benzo(a)anthracene	21.521	228	50193	0.714	ng/ul	95
22) Chrysene	21.577	228	63736	0.878	ng/ul#	96
24) Benzo(b)fluoranthene	23.246	252	112621m	1.312	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	37846m	0.455	ng/ul	
26) Benzo(a)pyrene	23.901	252	66541	0.964	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.606	276	61199	0.692	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.616	278	15544	0.218	ng/ul#	59
29) Benzo(g,h,i)perylene	27.424	276	65936	0.878	ng/ul	98

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

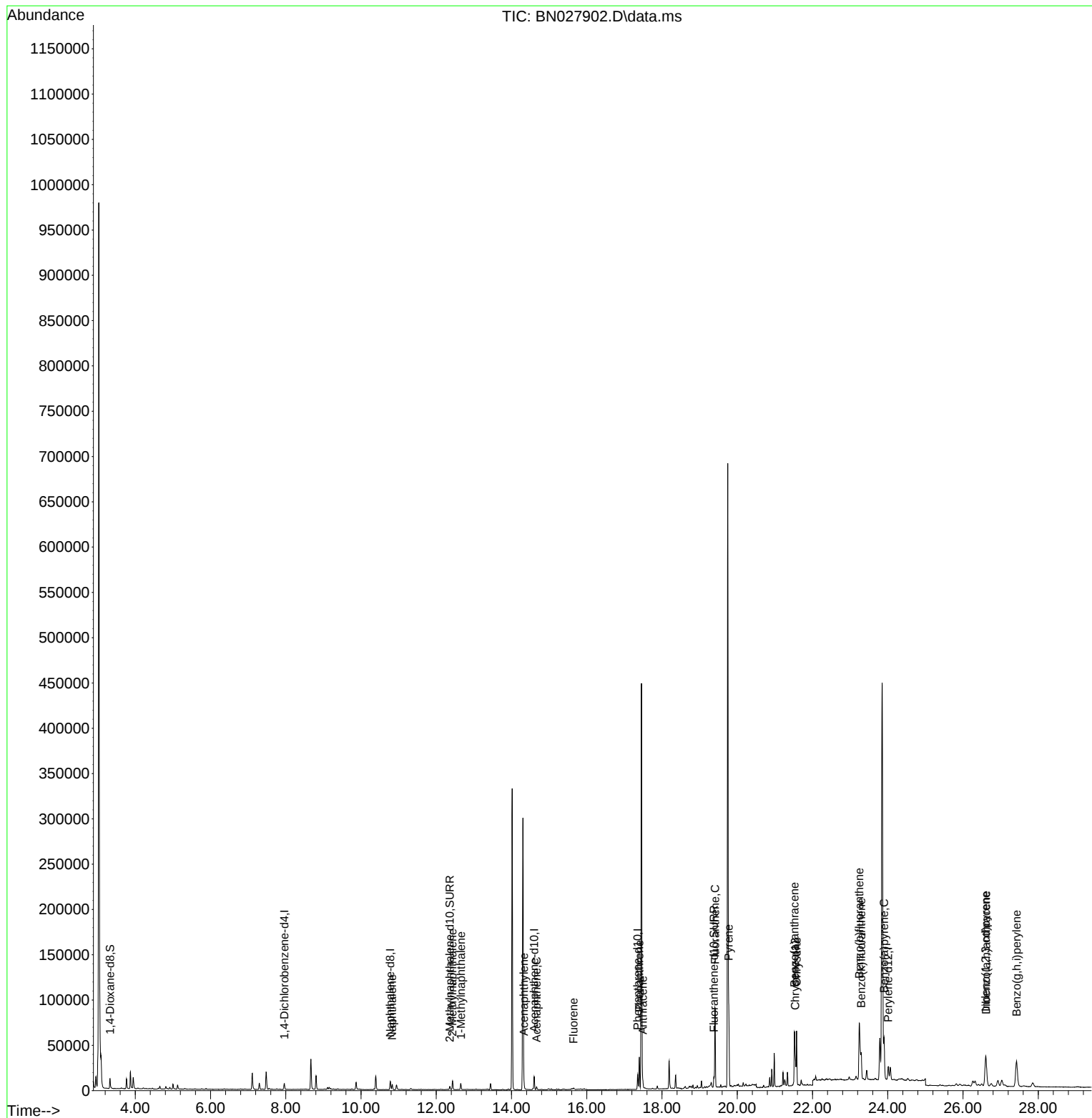
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027902.D
Acq On : 27 Sep 2023 16:45
Operator : MA/JU
Sample : 04472-08
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ALS Vial : 7 Sample Multiplier: 1

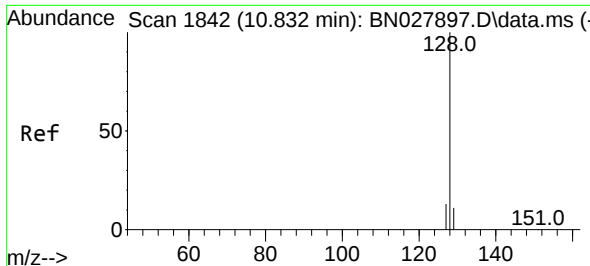
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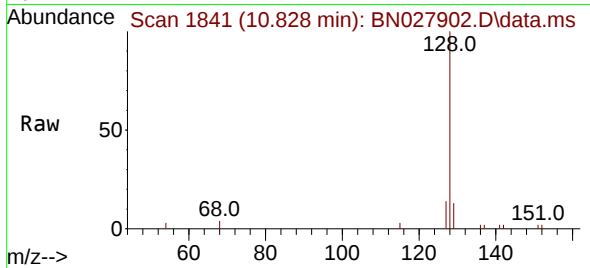
Quant Time: Sep 28 00:01:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.221 ng/ul
RT: 10.828 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45

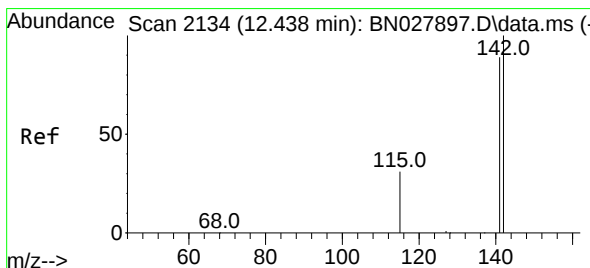
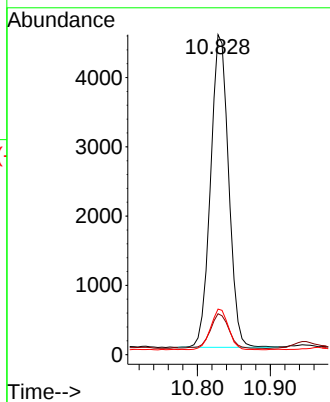
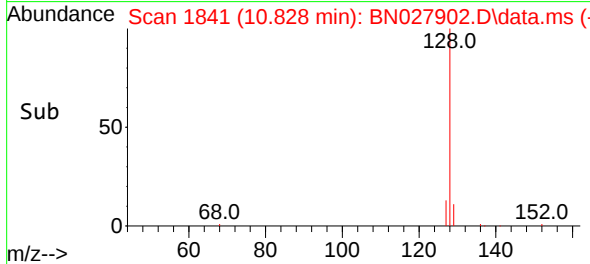
Instrument :
BNA_N
ClientSampleId :
EZY8



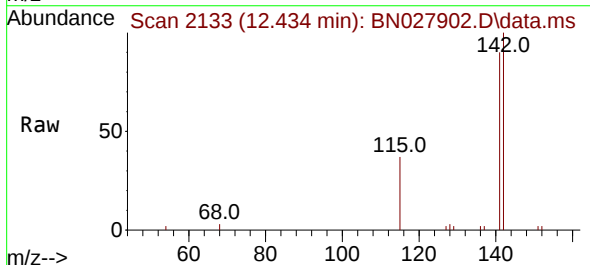
Tgt Ion:128 Resp: 7764
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 14.3 10.7 16.1

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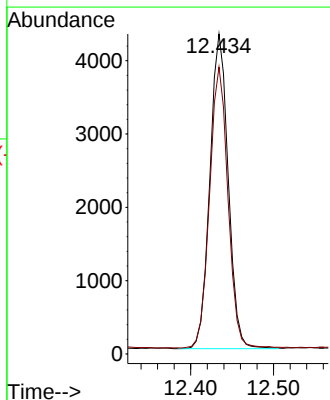
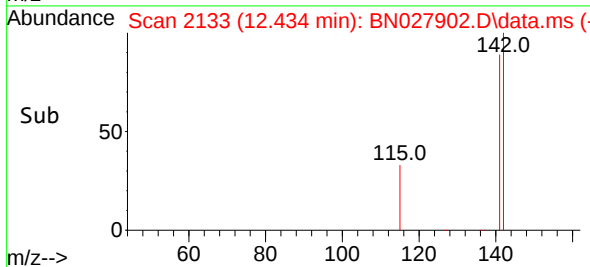
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

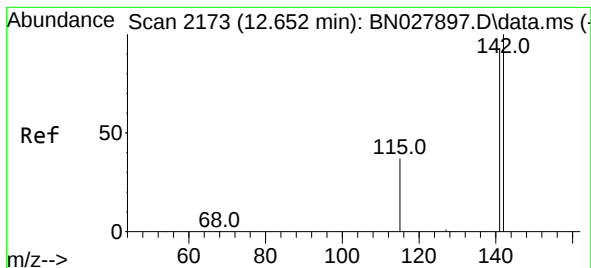


#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45



Tgt Ion:142 Resp: 6597
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.198 ng/ul

RT: 12.654 min Scan# 2173

Delta R.T. -0.000 min

Lab File: BN027902.D

Acq: 27 Sep 2023 16:45

Instrument :

BNA_N

ClientSampleId :

EZY8

Tgt Ion:142 Resp: 4550

Ion Ratio Lower Upper

142 100

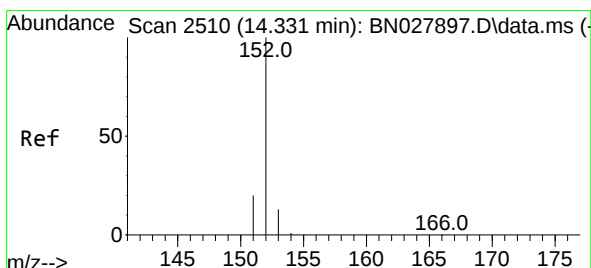
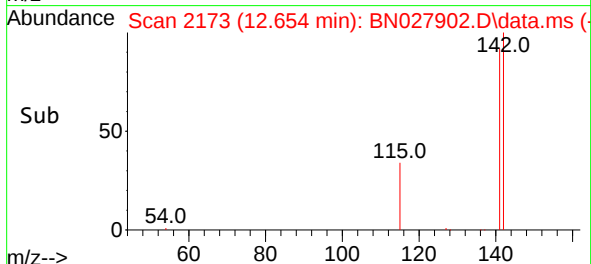
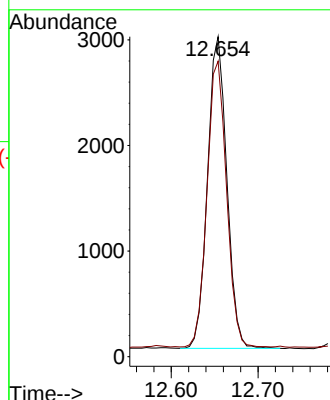
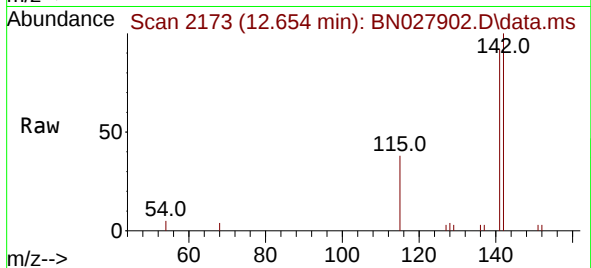
141 92.5 72.8 109.2

Manual Integrations

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#10

Acenaphthylene

Concen: 0.207 ng/ul

RT: 14.333 min Scan# 2510

Delta R.T. -0.000 min

Lab File: BN027902.D

Acq: 27 Sep 2023 16:45

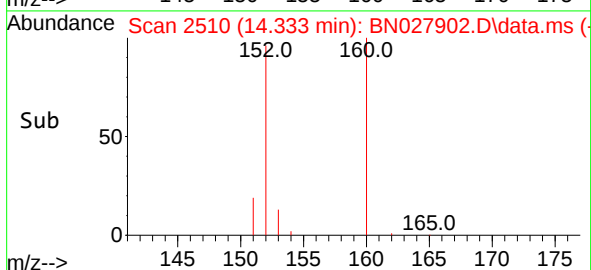
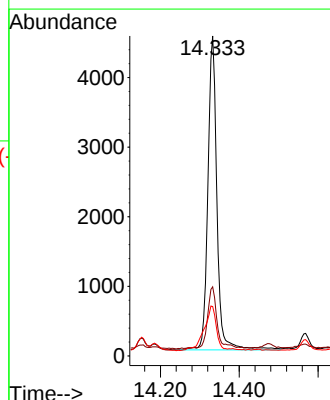
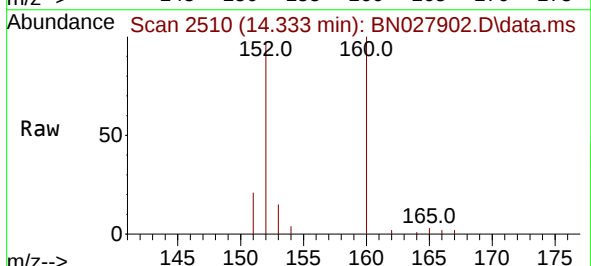
Tgt Ion:152 Resp: 7224

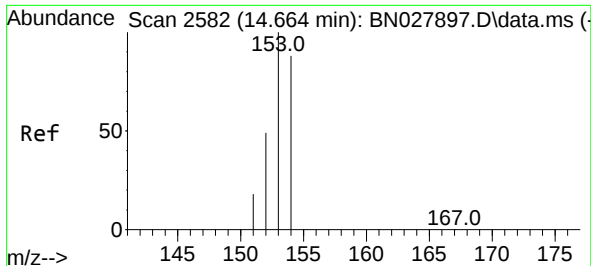
Ion Ratio Lower Upper

152 100

151 21.6 16.6 25.0

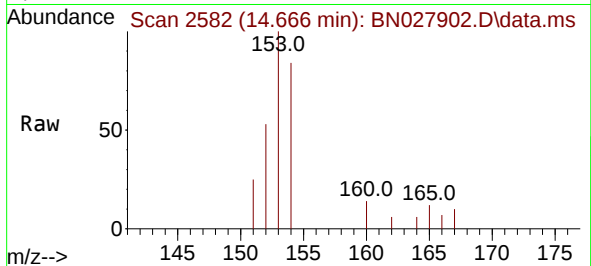
153 15.5 11.0 16.6





#11
Acenaphthene
Concen: 0.063 ng/u1
RT: 14.666 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45

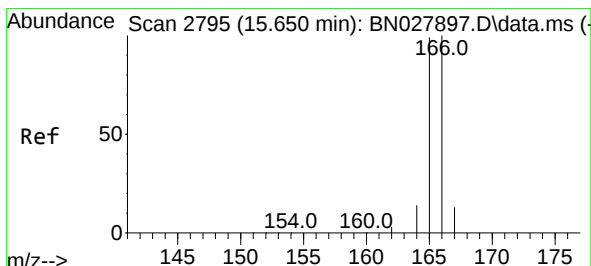
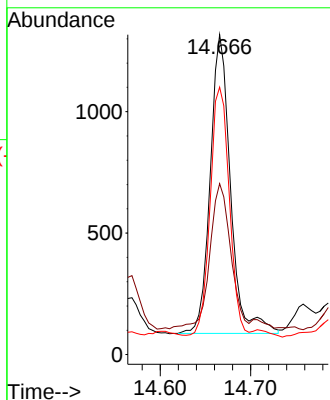
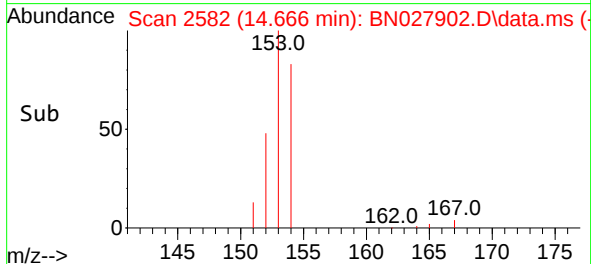
Instrument :
BNA_N
ClientSampleId :
EZY8



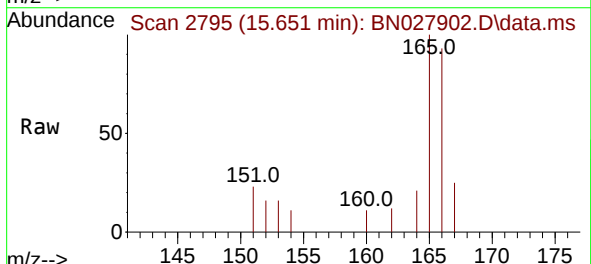
Tgt Ion:153 Resp: 1918
Ion Ratio Lower Upper
153 100
152 53.5 41.7 62.5
154 83.6 70.3 105.5

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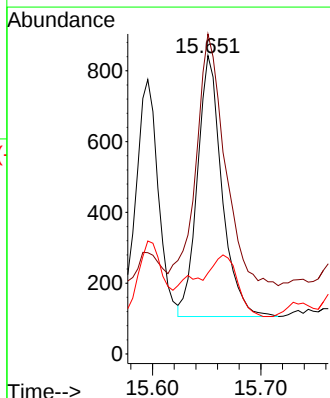
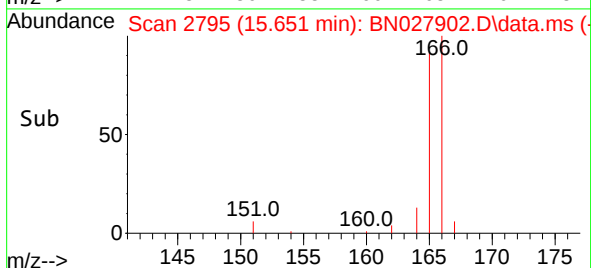
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

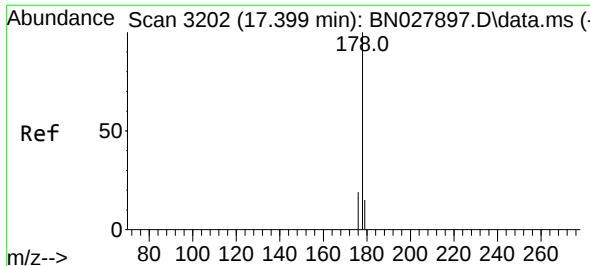


#12
Fluorene
Concen: 0.033 ng/u1
RT: 15.651 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45



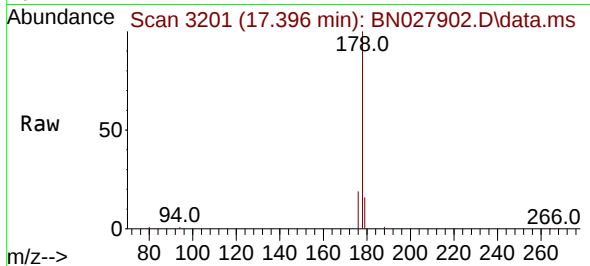
Tgt Ion:166 Resp: 1159
Ion Ratio Lower Upper
166 100
165 107.2 78.0 117.0
167 27.2 11.4 17.2#





#15
Phenanthrene
Concen: 0.644 ng/ul
RT: 17.396 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45

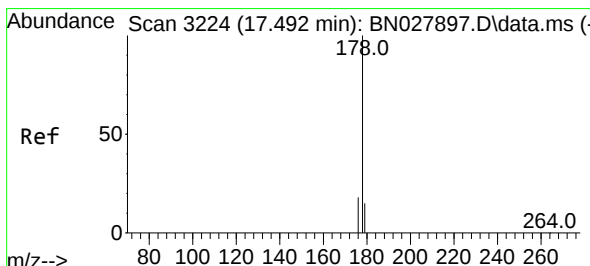
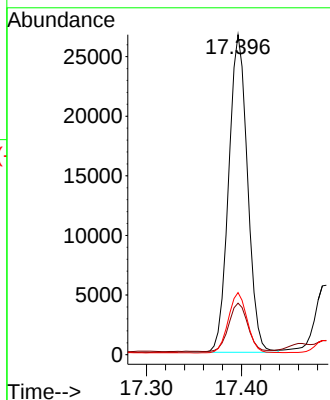
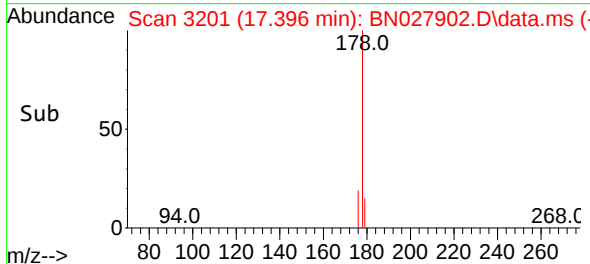
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:178 Resp: 3673
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.4 16.0 24.0

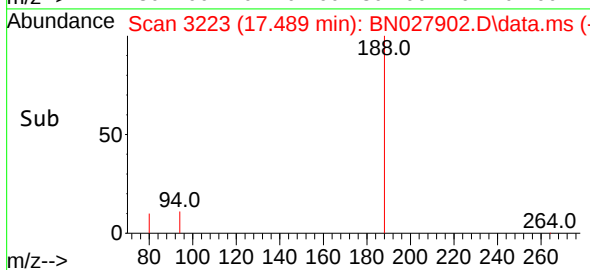
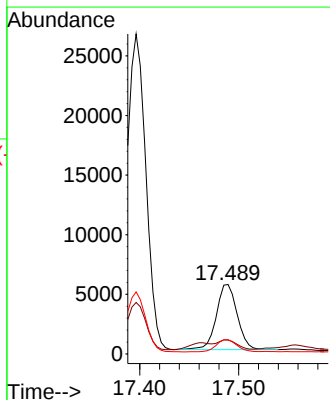
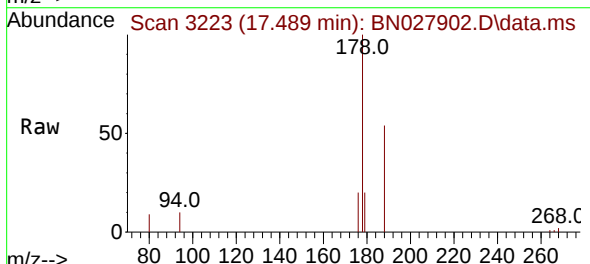
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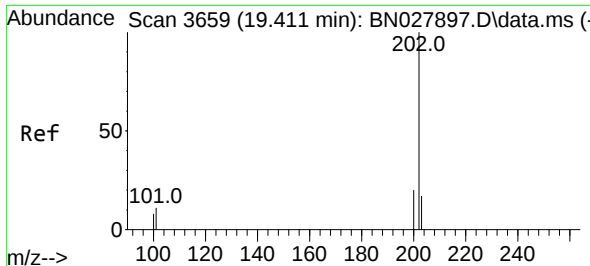
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#16
Anthracene
Concen: 0.167 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. -0.000 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45

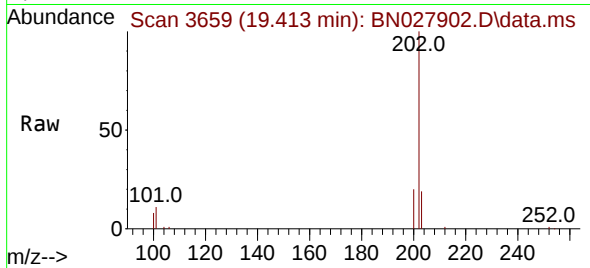
Tgt Ion:178 Resp: 8000
Ion Ratio Lower Upper
178 100
179 20.0 12.6 19.0#
176 20.5 15.5 23.3





#19
Fluoranthene
Concen: 1.005 ng/u1
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45

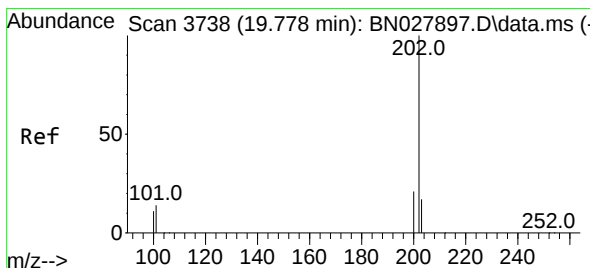
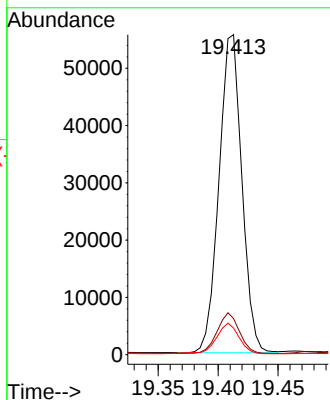
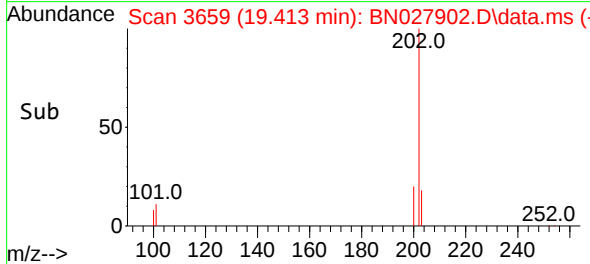
Instrument :
BNA_N
ClientSampleId :
EZY8



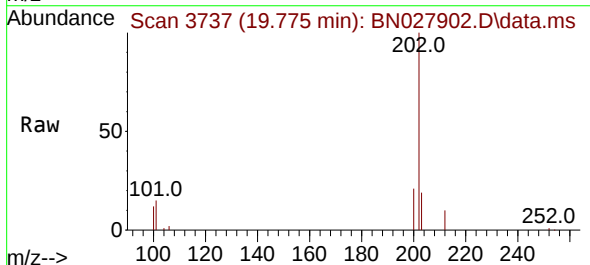
Tgt Ion:202 Resp: 73750
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 8.3 7.0 10.4

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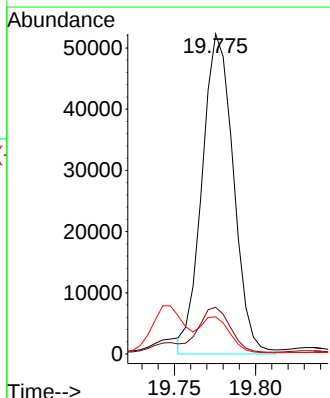
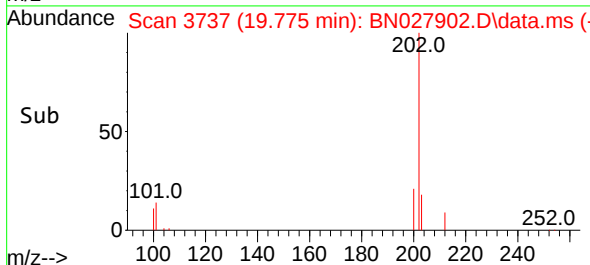
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

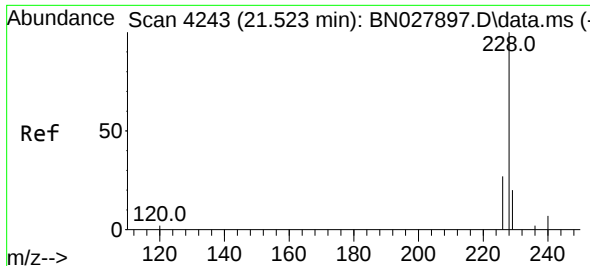


#20
Pyrene
Concen: 0.929 ng/u1 m
RT: 19.775 min Scan# 3737
Delta R.T. -0.000 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45



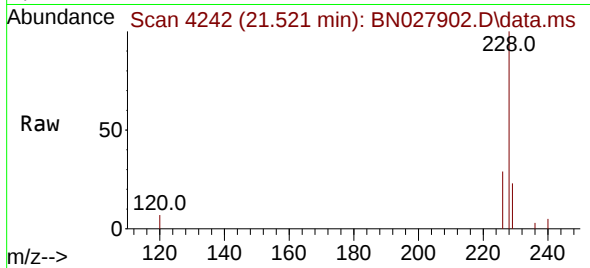
Tgt Ion:202 Resp: 70290
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 11.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.714 ng/ul
RT: 21.521 min Scan# 4243
Delta R.T. 0.003 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45

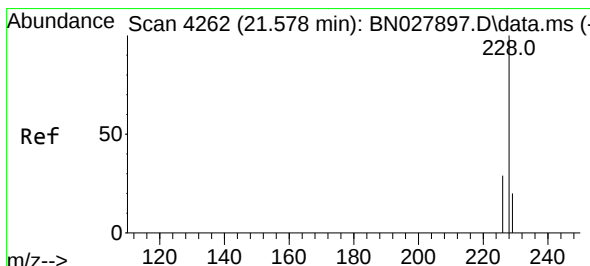
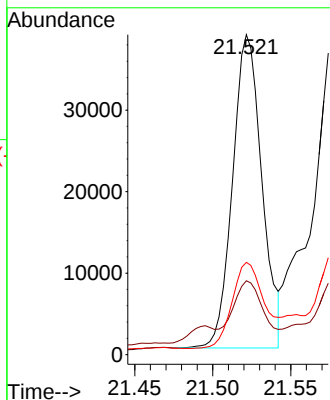
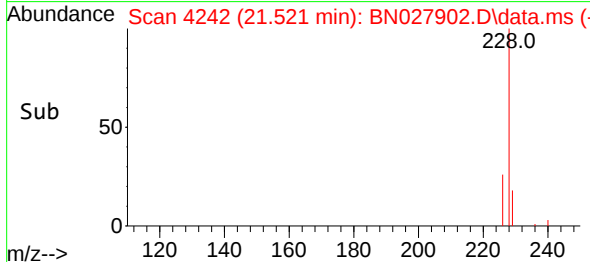
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:228 Resp: 50193
Ion Ratio Lower Upper
228 100
229 23.1 15.8 23.8
226 28.9 22.0 33.0

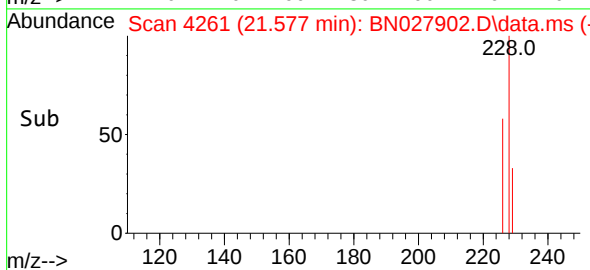
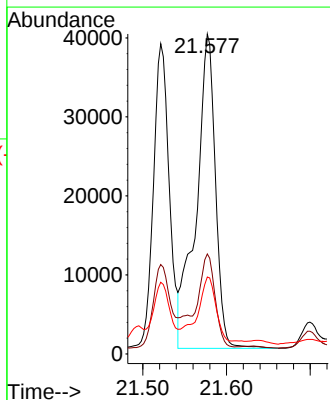
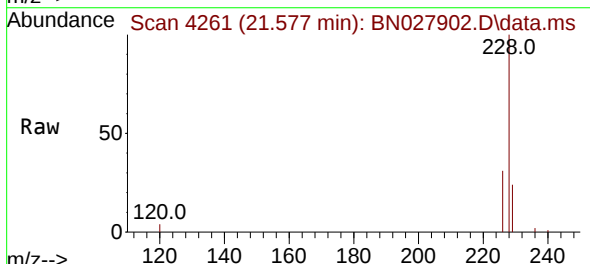
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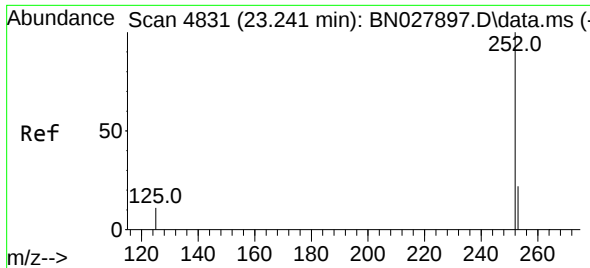
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#22
Chrysene
Concen: 0.878 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45

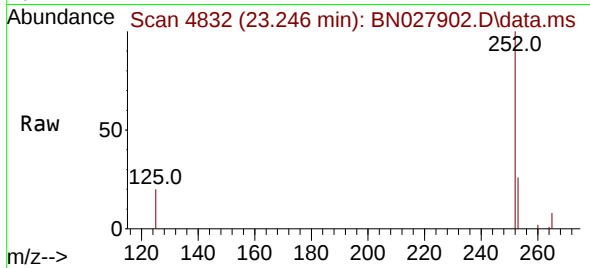
Tgt Ion:228 Resp: 63736
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 24.0 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 1.312 ng/ul m
RT: 23.246 min Scan# 4831
Delta R.T. 0.006 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45

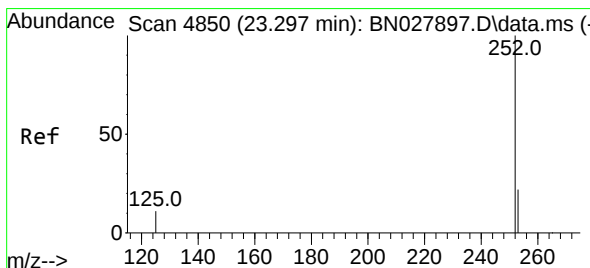
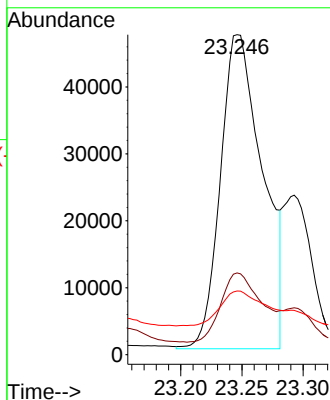
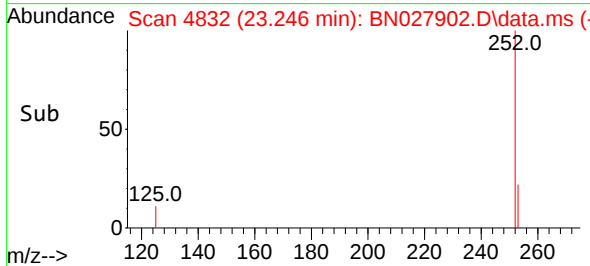
Instrument :
BNA_N
ClientSampleId :
EZY8



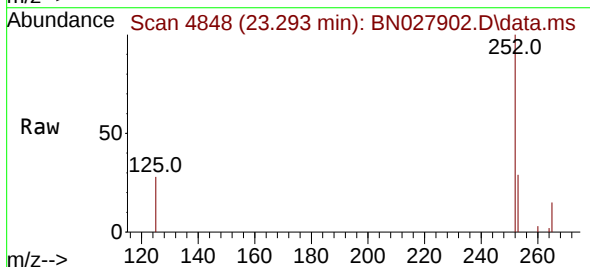
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Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.2
125 19.9 0.0 31.4

Manual Integrations
APPROVED

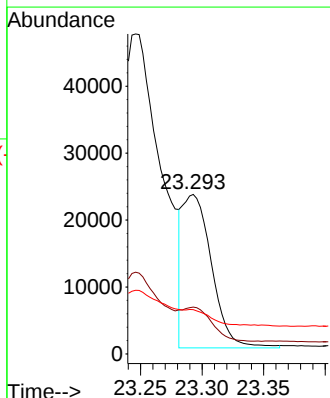
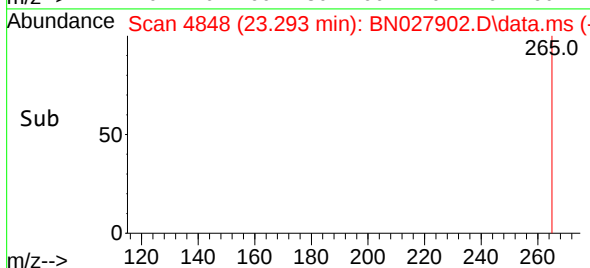
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

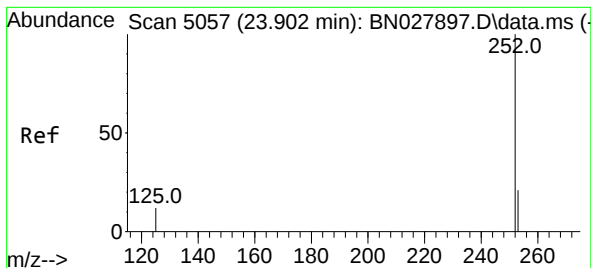


#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. -0.000 min
Lab File: BN027902.D
Acq: 27 Sep 2023 16:45



Tgt Ion:252 Resp: 37846
Ion Ratio Lower Upper
252 100
253 29.4 19.9 29.9
125 27.8 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.964 ng/ul

RT: 23.901 min Scan# 5056

Delta R.T. 0.006 min

Lab File: BN027902.D

Acq: 27 Sep 2023 16:45

Instrument :

BNA_N

ClientSampleId :

EZY8

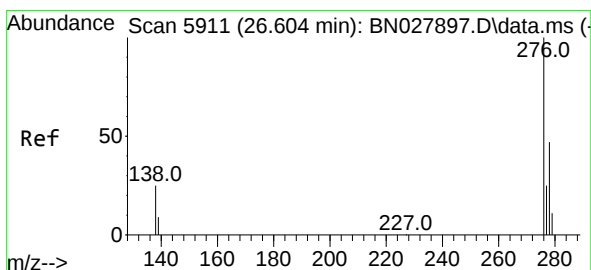
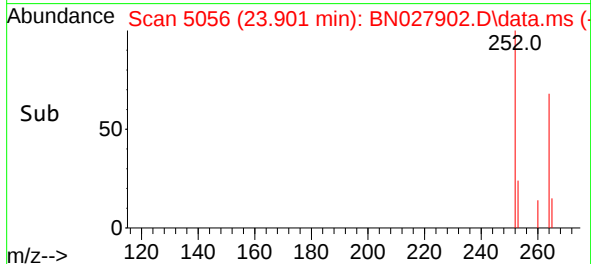
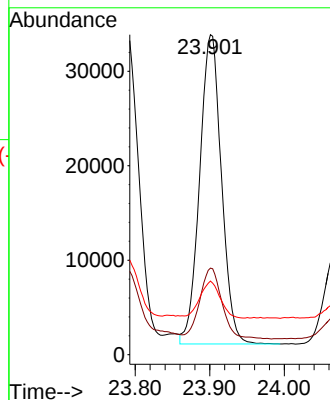
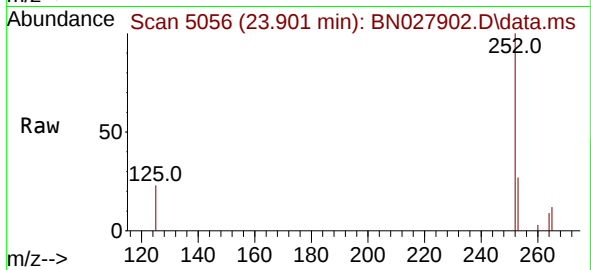
Tgt Ion:	252	Resp:	6654
Ion Ratio	Lower	Upper	
252	100		
253	27.0	21.9	32.9
125	23.0	15.5	23.3

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: 0.692 ng/ul

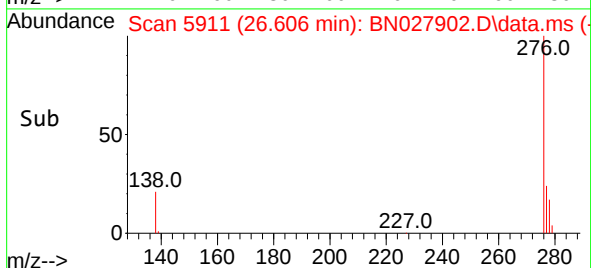
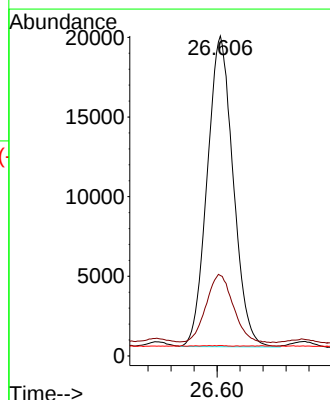
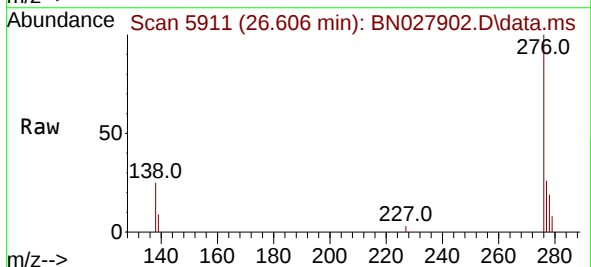
RT: 26.606 min Scan# 5911

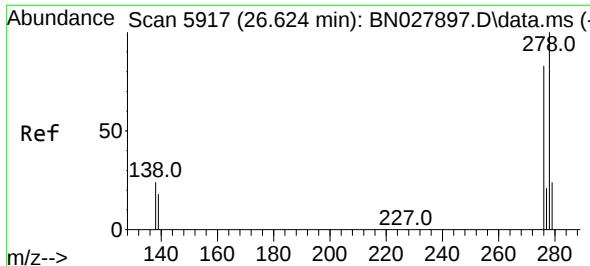
Delta R.T. 0.007 min

Lab File: BN027902.D

Acq: 27 Sep 2023 16:45

Tgt Ion:	276	Resp:	61199
Ion Ratio	Lower	Upper	
276	100		
138	23.0	24.3	36.5#
227	0.1	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.218 ng/ul

RT: 26.616 min Scan# 5914

Delta R.T. -0.007 min

Lab File: BN027902.D

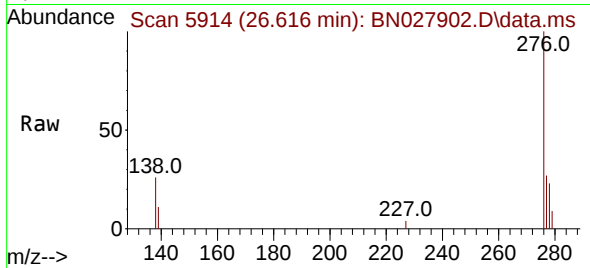
Acq: 27 Sep 2023 16:45

Instrument :

BNA_N

ClientSampleId :

EZY8



Tgt Ion:278 Resp: 15544

Ion Ratio Lower Upper

278 100

139 48.2 17.2 25.8

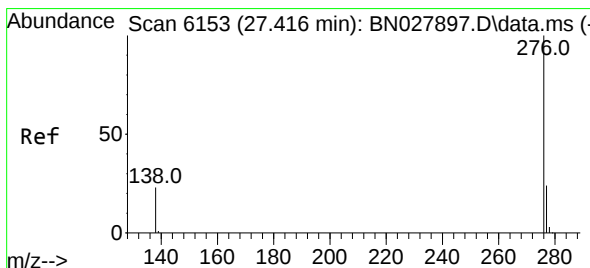
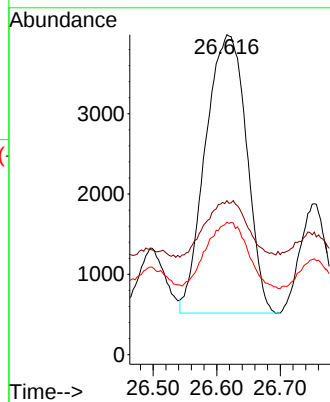
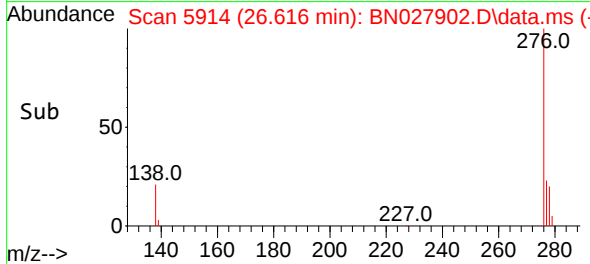
279 41.4 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2023

Supervised By :mohammad ahmed 09/28/2023



#29

Benzo(g,h,i)perylene

Concen: 0.878 ng/ul

RT: 27.424 min Scan# 6155

Delta R.T. 0.013 min

Lab File: BN027902.D

Acq: 27 Sep 2023 16:45

Tgt Ion:276 Resp: 65936

Ion Ratio Lower Upper

276 100

138 26.7 21.7 32.5

277 26.4 20.2 30.2

