

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027859.D
 Acq On : 26 Sep 2023 13:05
 Operator : MA/JU
 Sample : 04472-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL0

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 03:00:06 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	2879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	10845	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7659	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	17783	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.545	240	16638	0.400	ng/ul	0.02
23) Perylene-d12	24.021	264	20153	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	14303	3.944	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5383	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	16197	0.319	ng/ul	0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.834	128	2926	0.094	ng/ul#	90
7) 2-Methylnaphthalene	12.440	142	2347	0.119	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	1516	0.075	ng/ul	100
11) Acenaphthene	14.671	153	1014	0.035	ng/ul	93
12) Fluorene	15.656	166	848	0.025	ng/ul#	78
15) Phenanthrene	17.400	178	11229	0.201	ng/ul	97
16) Anthracene	17.493	178	1078	0.023	ng/ul#	66
19) Fluoranthene	19.427	202	12156	0.181	ng/ul#	87
20) Pyrene	19.785	202	12408m	0.179	ng/ul	
21) Benzo(a)anthracene	21.527	228	6582	0.102	ng/ul#	89
22) Chrysene	21.583	228	12508	0.188	ng/ul#	91
24) Benzo(b)fluoranthene	23.252	252	16105m	0.179	ng/ul	
25) Benzo(k)fluoranthene	23.298	252	5313m	0.061	ng/ul	
26) Benzo(a)pyrene	23.907	252	8750	0.121	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.612	276	7875	0.085	ng/ul#	95
29) Benzo(g,h,i)perylene	27.431	276	9531	0.121	ng/ul	91

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

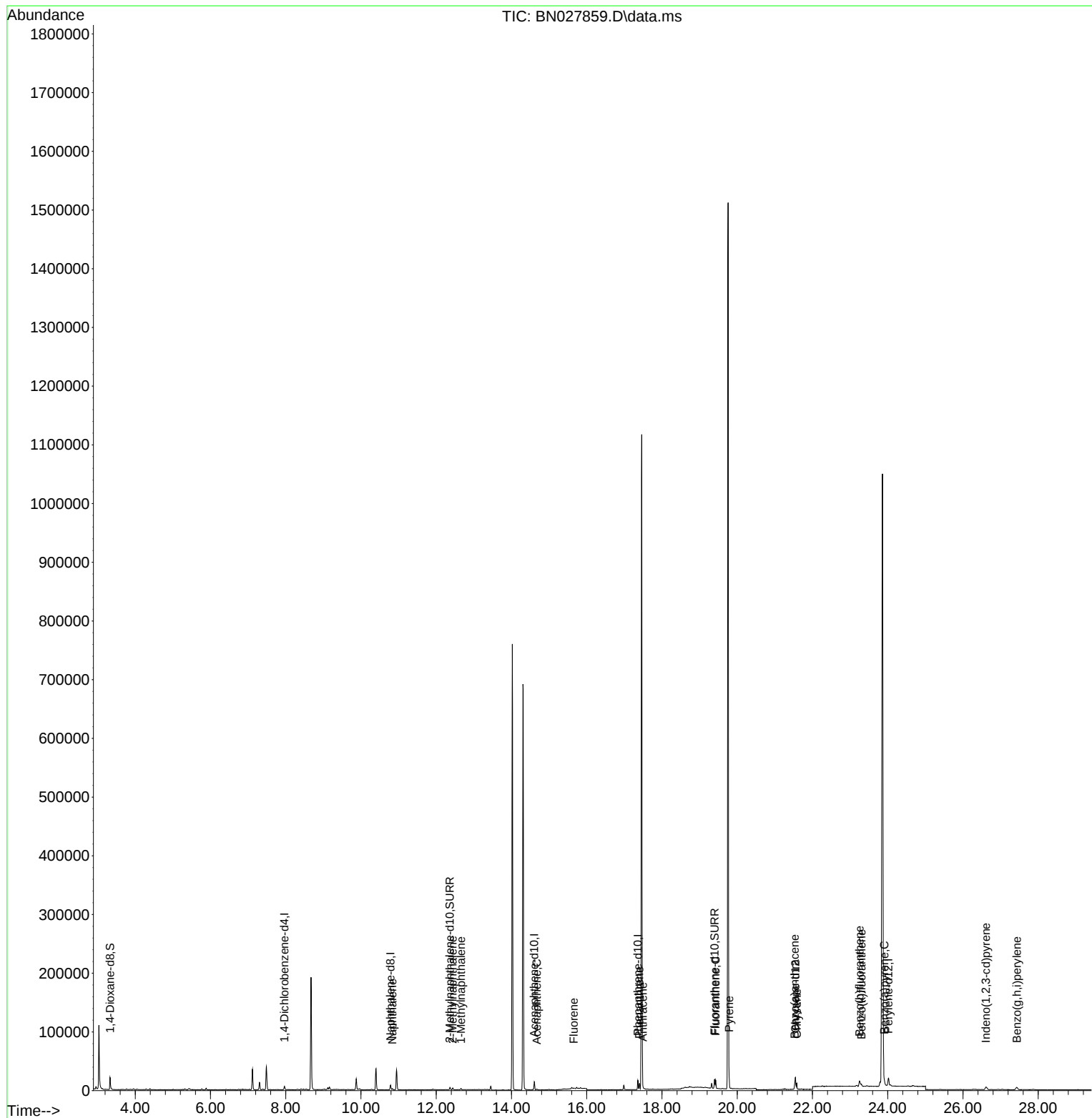
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
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ALS Vial : 8 Sample Multiplier: 1

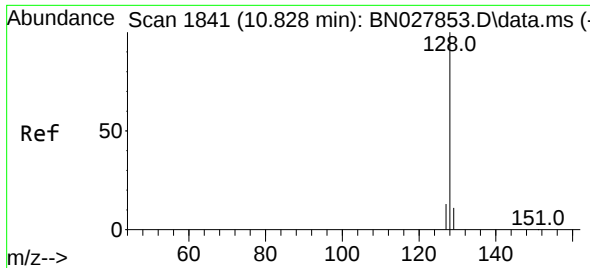
Instrument :
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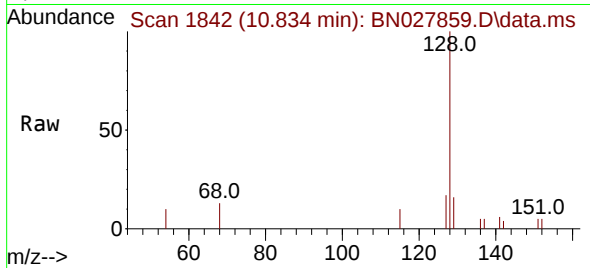
Quant Time: Sep 27 03:00:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

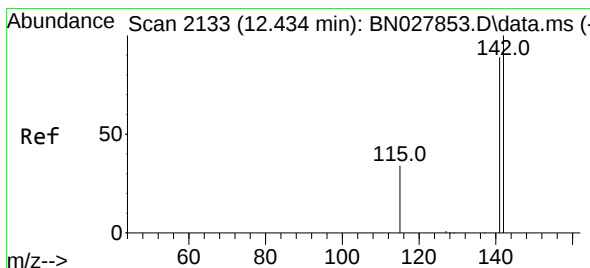
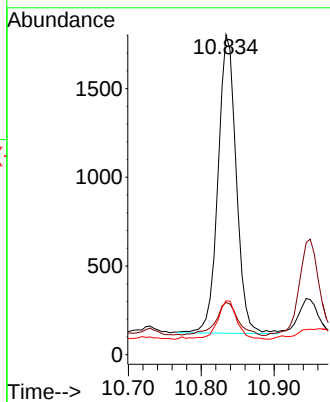
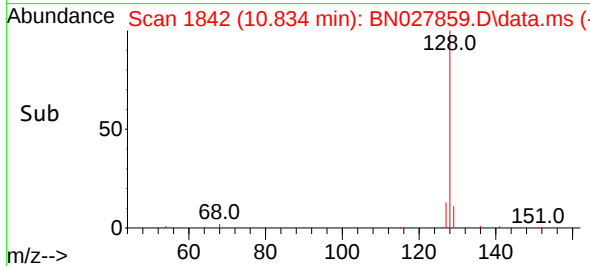
Instrument :
BNA_N
ClientSampleId :
EZYLO



Tgt Ion:128 Resp: 2920
Ion Ratio Lower Upper
128 100
129 16.3 9.3 13.9
127 16.9 10.7 16.1

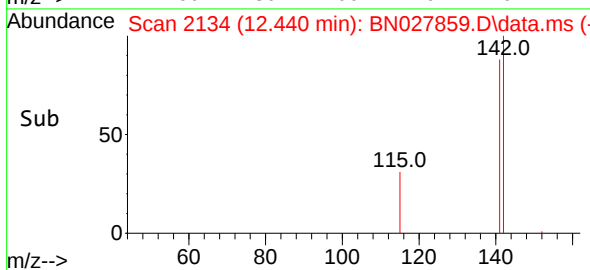
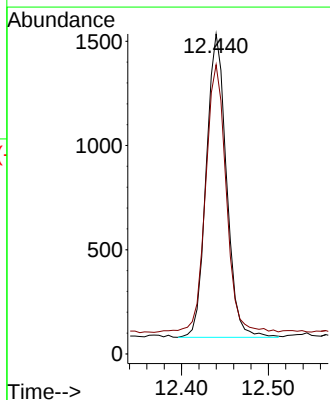
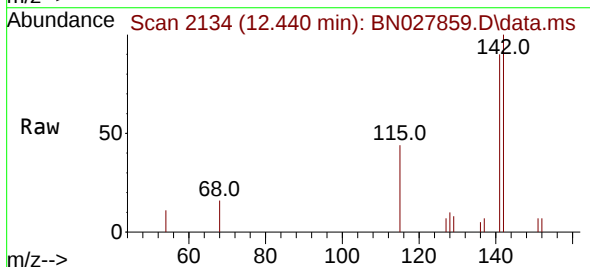
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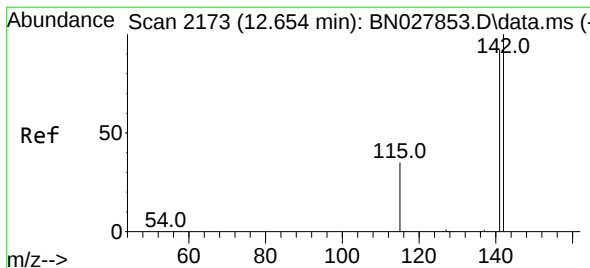
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.440 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

Tgt Ion:142 Resp: 2347
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.075 ng/ul

RT: 12.660 min Scan# 2174

Delta R.T. 0.012 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

Instrument :

BNA_N

ClientSampleId :

EZYLO

Tgt Ion:142 Resp: 1510

Ion Ratio Lower Upper

142 100

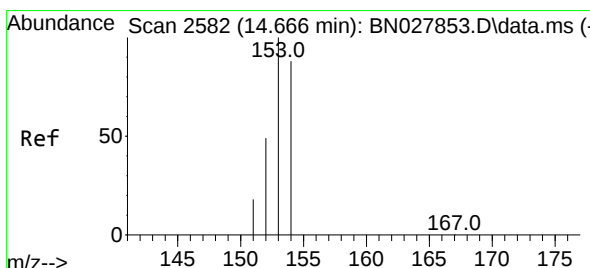
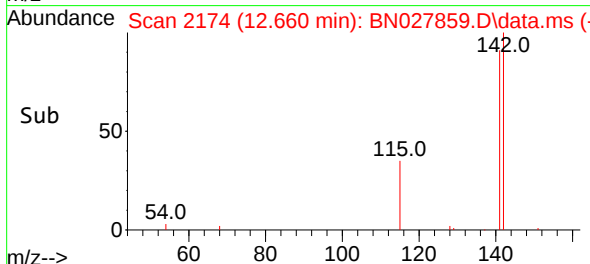
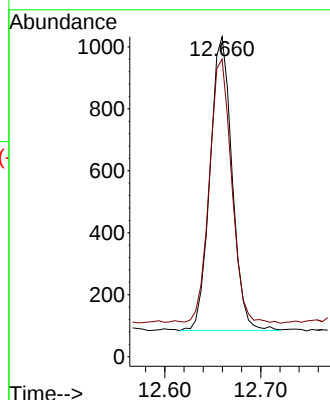
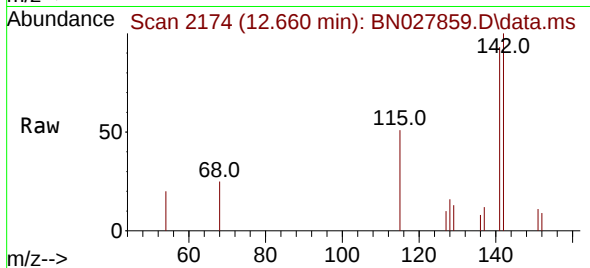
141 90.6 72.8 109.2

Manual Integrations

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#11

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.671 min Scan# 2583

Delta R.T. 0.018 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

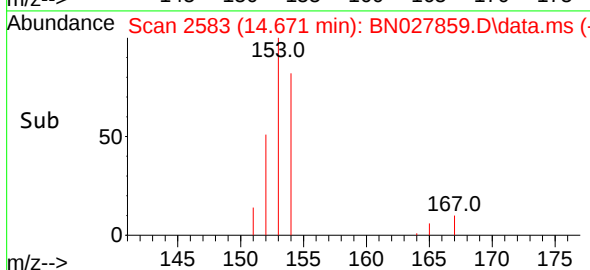
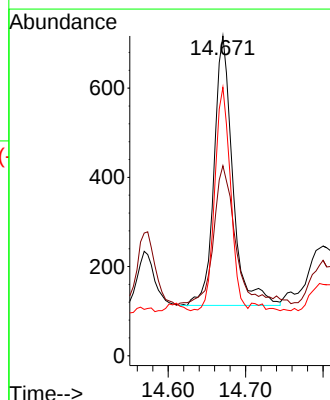
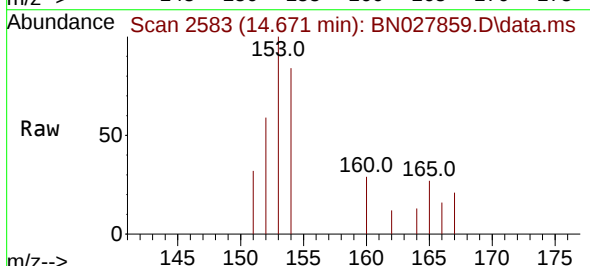
Tgt Ion:153 Resp: 1014

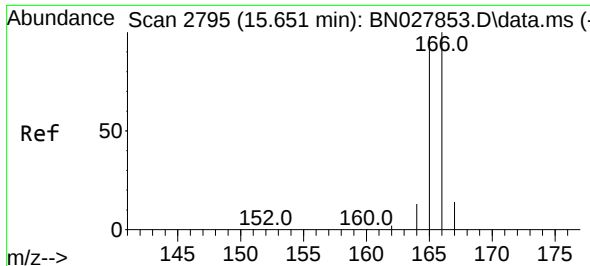
Ion Ratio Lower Upper

153 100

152 59.4 41.7 62.5

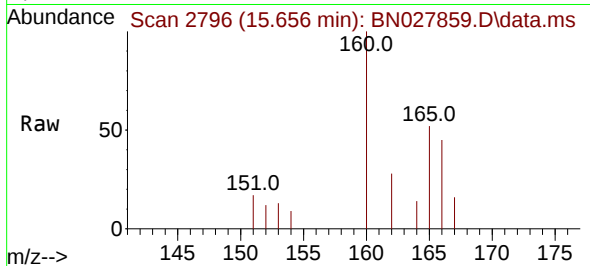
154 84.0 70.3 105.5





#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.656 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

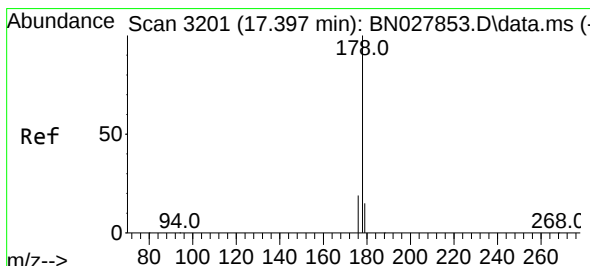
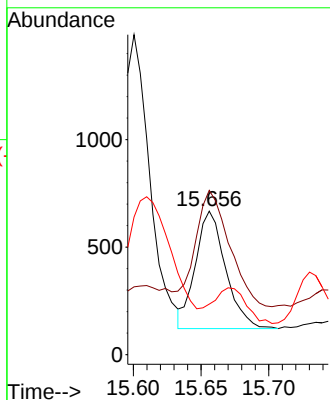
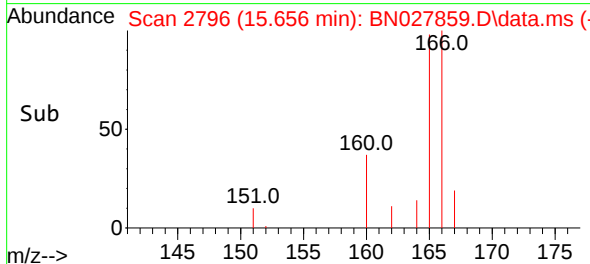
Instrument :
BNA_N
ClientSampleId :
EZYLO



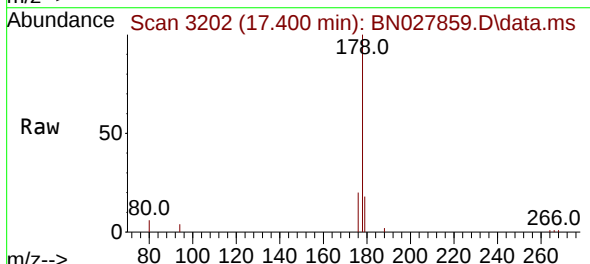
Tgt Ion:166 Resp: 848
Ion Ratio Lower Upper
166 100
165 114.5 78.0 117.0
167 35.2 11.4 17.2

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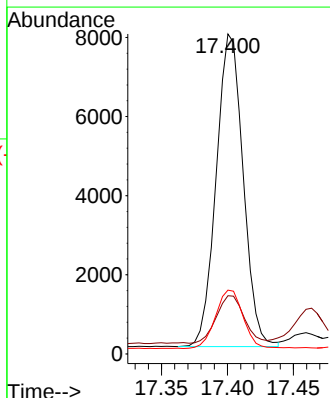
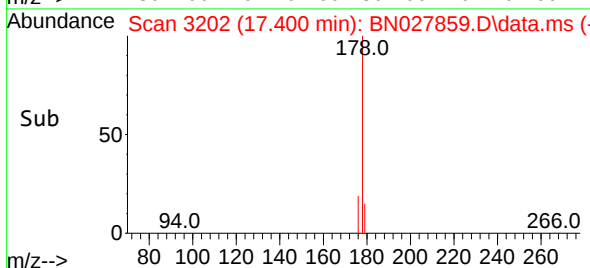
Reviewed By :Yogesh Patel 09/27/2023
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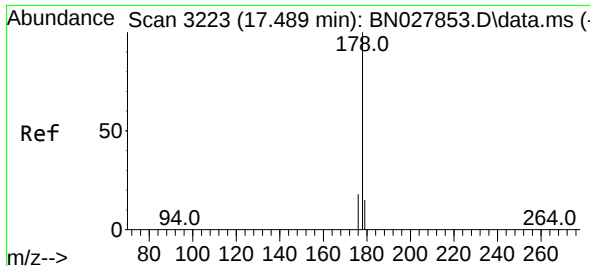


#15
Phenanthrene
Concen: 0.201 ng/u1
RT: 17.400 min Scan# 3202
Delta R.T. 0.016 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05



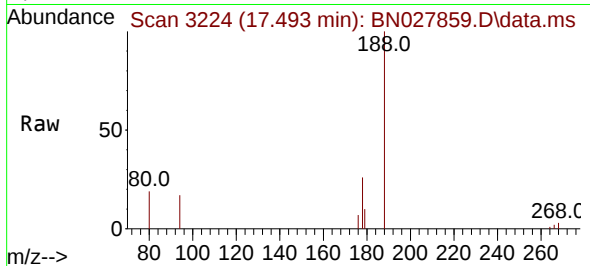
Tgt Ion:178 Resp: 11229
Ion Ratio Lower Upper
178 100
179 18.2 12.4 18.6
176 20.0 16.0 24.0





#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.493 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: BN027859.D
 Acq: 26 Sep 2023 13:05

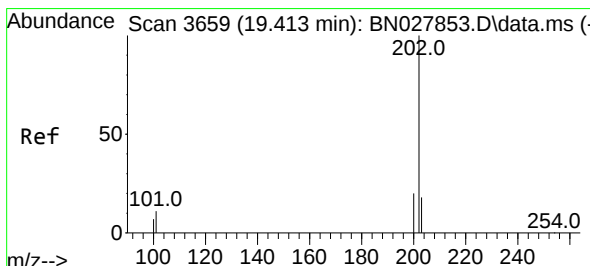
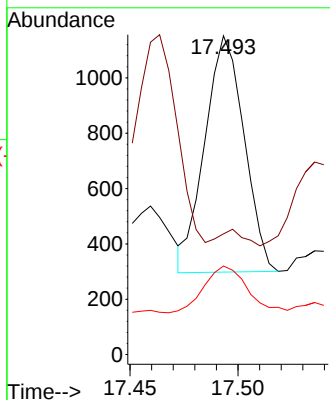
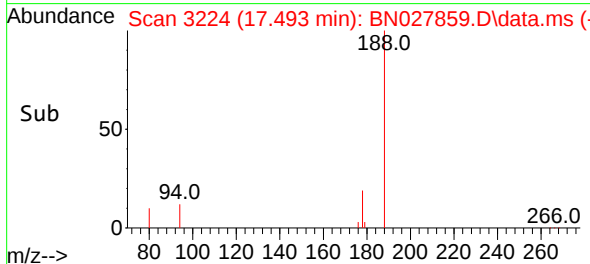
Instrument :
 BNA_N
 ClientSampleId :
 EYZLO



Tgt Ion:178 Resp: 1078
 Ion Ratio Lower Upper
 178 100
 179 37.8 12.6 19.0#
 176 27.8 15.5 23.3#

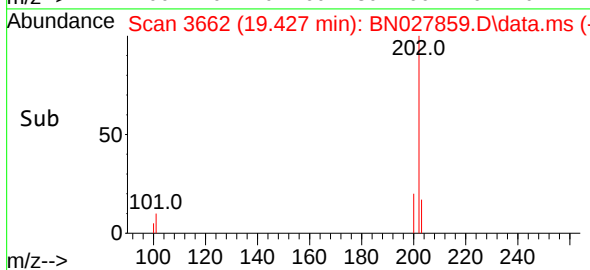
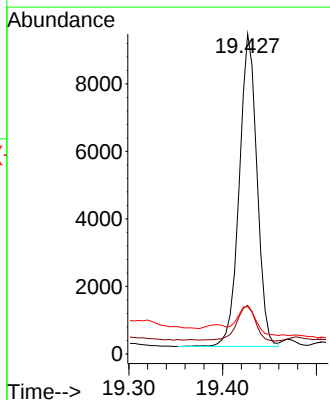
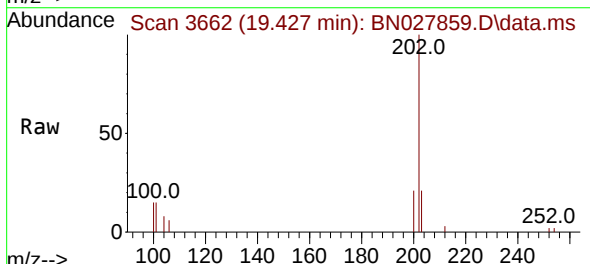
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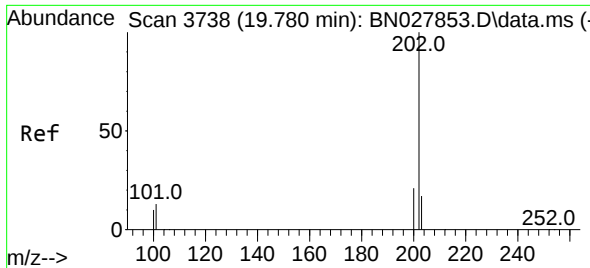
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023



#19
 Fluoranthene
 Concen: 0.181 ng/ul
 RT: 19.427 min Scan# 3662
 Delta R.T. 0.031 min
 Lab File: BN027859.D
 Acq: 26 Sep 2023 13:05

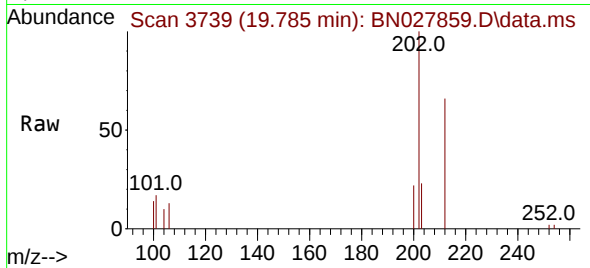
Tgt Ion:202 Resp: 12156
 Ion Ratio Lower Upper
 202 100
 101 15.2 9.3 13.9#
 100 14.8 7.0 10.4#





#20
Pyrene
Concen: 0.179 ng/ul m
RT: 19.785 min Scan# 3738
Delta R.T. 0.022 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

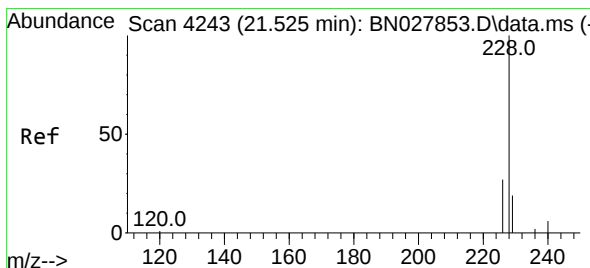
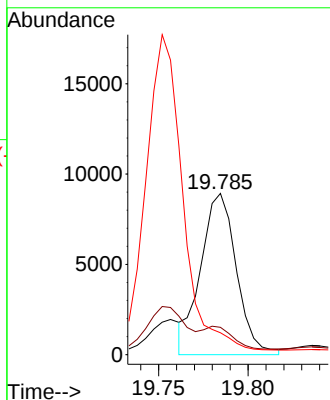
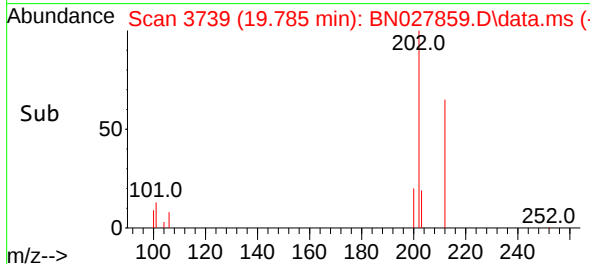
Instrument :
BNA_N
ClientSampleId :
EZYLO



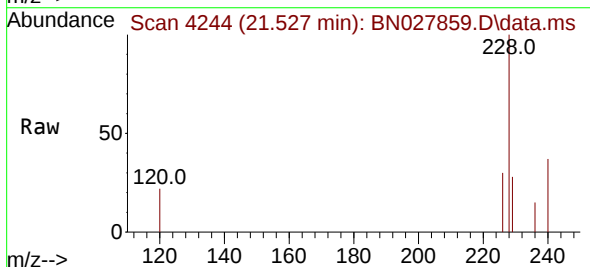
Tgt Ion:202 Resp: 12408
Ion Ratio Lower Upper
202 100
101 17.0 11.4 17.0
100 13.6 9.1 13.7

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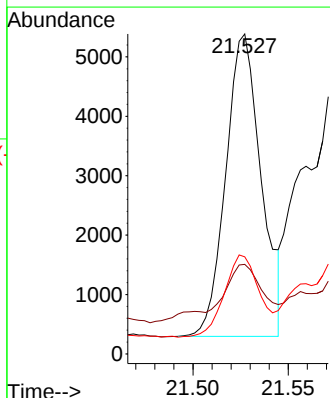
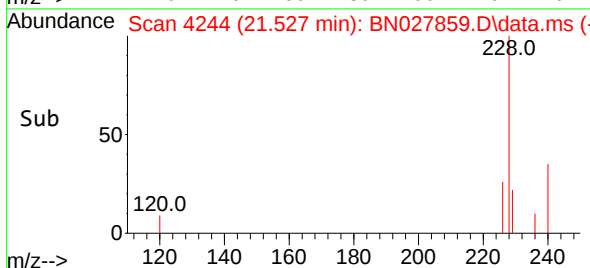
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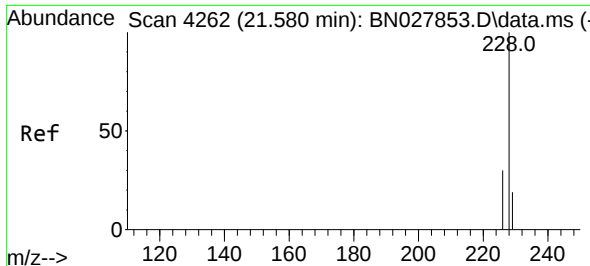


#21
Benzo(a)anthracene
Concen: 0.102 ng/ul
RT: 21.527 min Scan# 4244
Delta R.T. 0.024 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05



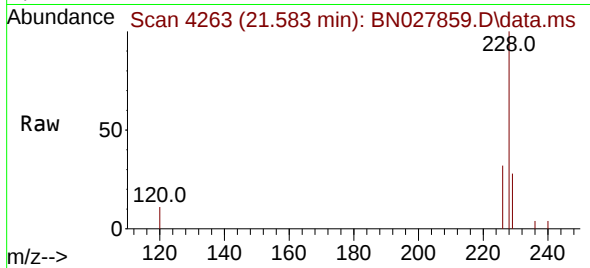
Tgt Ion:228 Resp: 6582
Ion Ratio Lower Upper
228 100
229 28.0 15.8 23.8#
226 30.4 22.0 33.0





#22
Chrysene
Concen: 0.188 ng/ul
RT: 21.583 min Scan# 4263
Delta R.T. 0.024 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

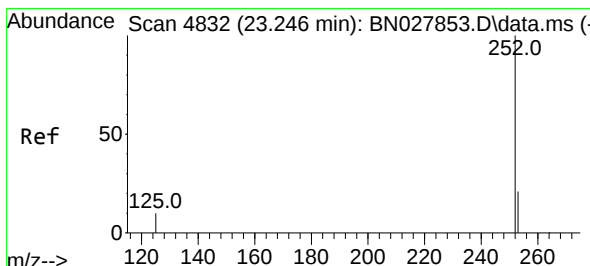
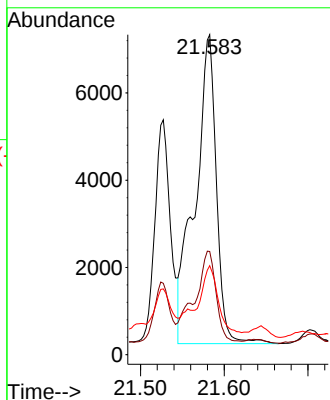
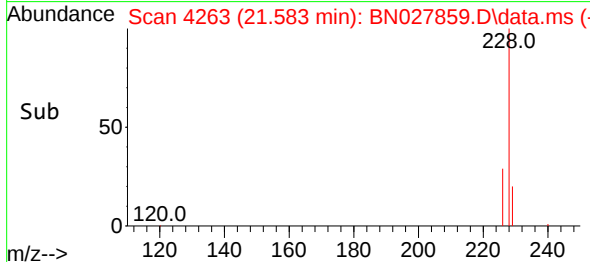
Instrument :
BNA_N
ClientSampleId :
EZYLO



Tgt Ion:228 Resp: 12508
Ion Ratio Lower Upper
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226 32.3 24.5 36.7
229 27.8 16.0 24.0

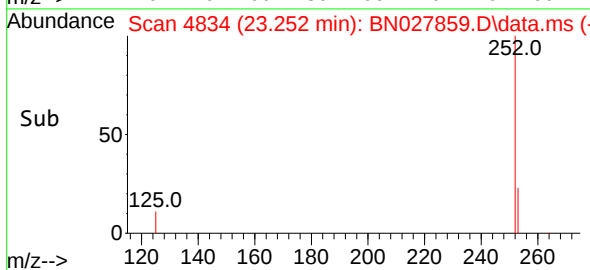
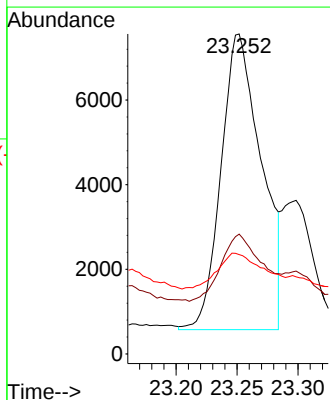
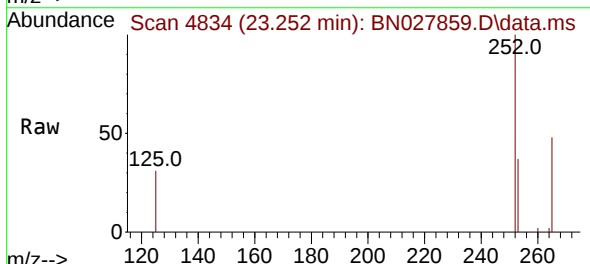
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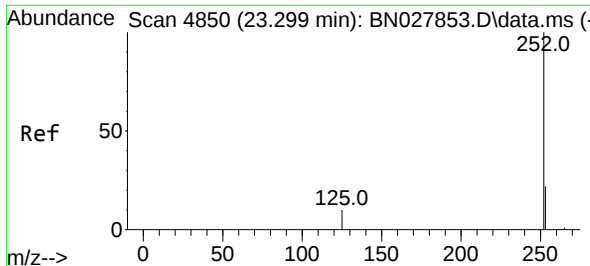
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#24
Benzo(b)fluoranthene
Concen: 0.179 ng/ul m
RT: 23.252 min Scan# 4834
Delta R.T. 0.012 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

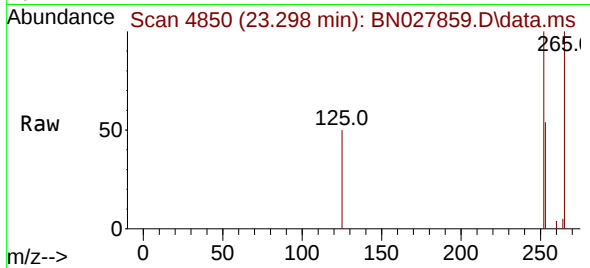
Tgt Ion:252 Resp: 16105
Ion Ratio Lower Upper
252 100
253 37.4 0.0 50.2
125 31.1 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.061 ng/ul m
RT: 23.298 min Scan# 4850
Delta R.T. 0.006 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

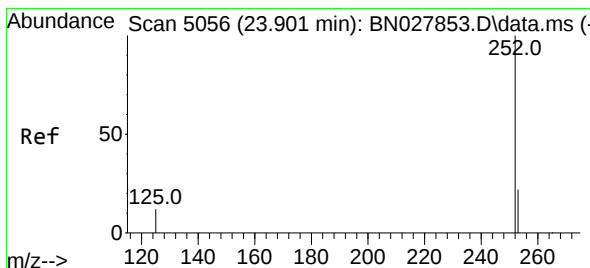
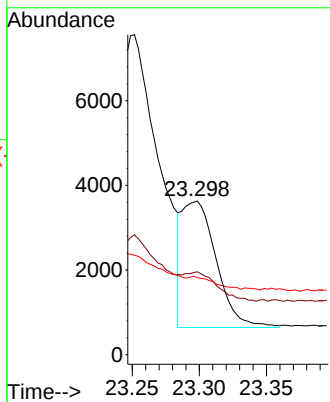
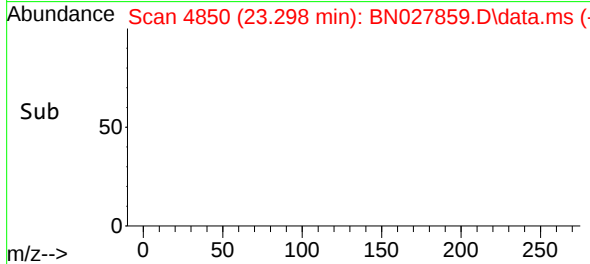
Instrument :
BNA_N
ClientSampleId :
EZYLO



Tgt Ion:252 Resp: 531
Ion Ratio Lower Upper
252 100
253 53.9 19.9 29.9#
125 50.2 12.6 19.0#

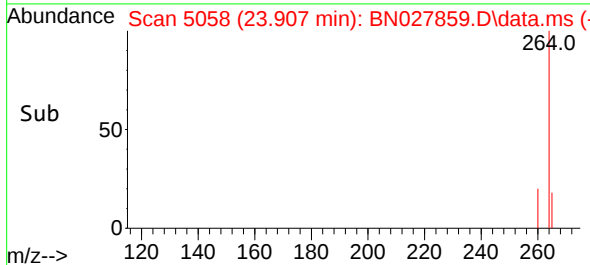
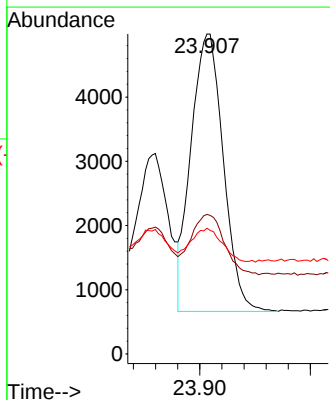
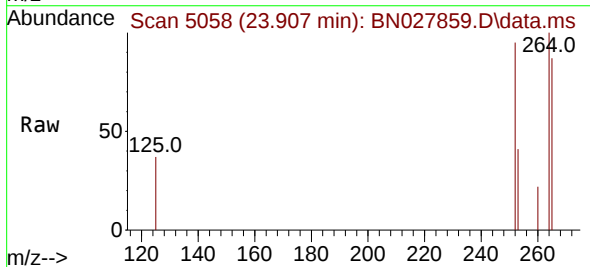
Manual Integrations
APPROVED

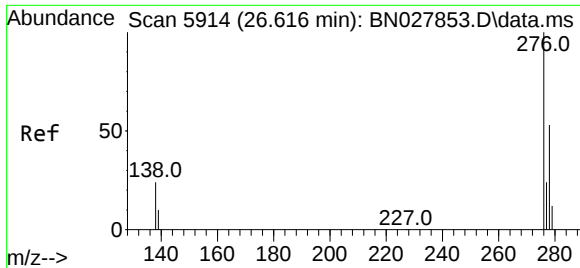
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.907 min Scan# 5058
Delta R.T. 0.006 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

Tgt Ion:252 Resp: 8750
Ion Ratio Lower Upper
252 100
253 43.6 21.9 32.9#
125 39.3 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.085 ng/ul

RT: 26.612 min Scan# 5913

Delta R.T. -0.021 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

Instrument :

BNA_N

ClientSampleId :

EZYLO

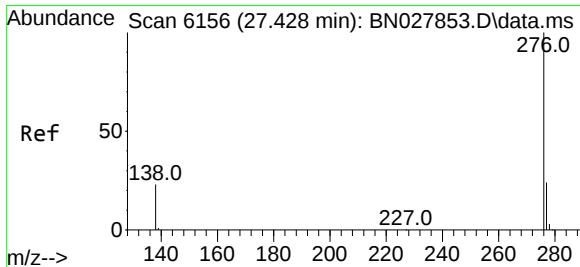
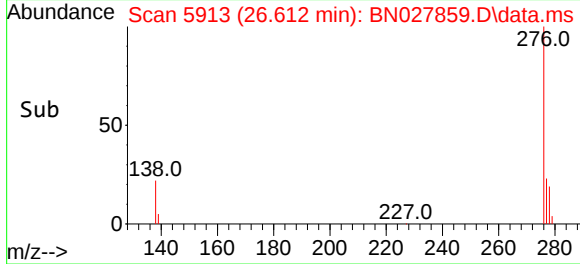
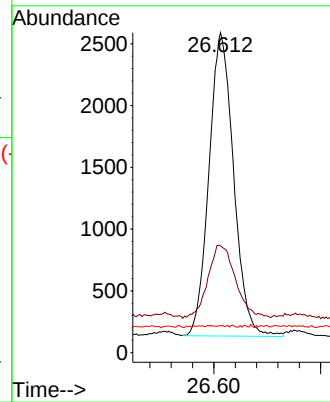
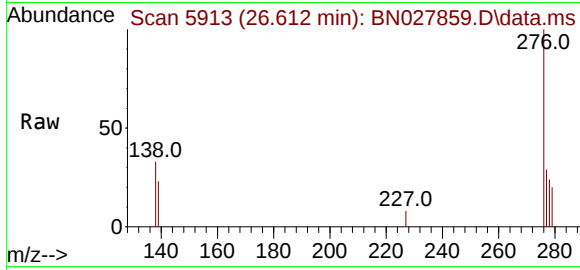
Tgt Ion:	276	Resp:	787
Ion Ratio	Lower	Upper	
276	100		
138	27.4	24.3	36.5
227	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/28/2023



#29

Benzo(g,h,i)perylene

Concen: 0.121 ng/ul

RT: 27.431 min Scan# 6157

Delta R.T. -0.024 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

Tgt Ion:	276	Resp:	9531
Ion Ratio	Lower	Upper	
276	100		
138	31.7	21.7	32.5
277	29.3	20.2	30.2

