

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023315.D
 Acq On : 21 Dec 2022 15:35
 Operator : CG/JU
 Sample : N6006-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXY9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2022
 Supervised By :mohammad ahmed 12/22/2022

Quant Time: Dec 22 03:20:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	7785	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	24992	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	15083	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	35583	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	29564	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	25126	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	59697	7.057	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	16767	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	42972	0.402	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.859	128	23403	0.319	ng/ul	100
7) 2-Methylnaphthalene	12.470	142	9931	0.212	ng/ul	100
8) 1-Methylnaphthalene	12.690	142	8056	0.167	ng/ul	100
10) Acenaphthylene	14.368	152	45875	0.686	ng/ul	99
11) Acenaphthene	14.706	153	12342	0.219	ng/ul	99
12) Fluorene	15.692	166	13891	0.219	ng/ul	99
14) Pentachlorophenol	17.041	266	418	0.042	ng/ul	100
15) Phenanthrene	17.433	178	372543	3.216	ng/ul	99
16) Anthracene	17.526	178	72609	0.755	ng/ul	99
19) Fluoranthene	19.449	202	1116585	7.785	ng/ul	99
20) Pyrene	19.816	202	918123m	6.350	ng/ul	
21) Benzo(a)anthracene	21.564	228	559174	4.858	ng/ul	98
22) Chrysene	21.617	228	574890	4.911	ng/ul	98
24) Benzo(b)fluoranthene	23.283	252	818169m	6.296	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	284882m	2.335	ng/ul	
26) Benzo(a)pyrene	23.926	252	513098	4.986	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.584	276	346899	2.889	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.595	278	84390	0.906	ng/ul	99
29) Benzo(g,h,i)perylene	27.379	276	305411	3.120	ng/ul	99

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

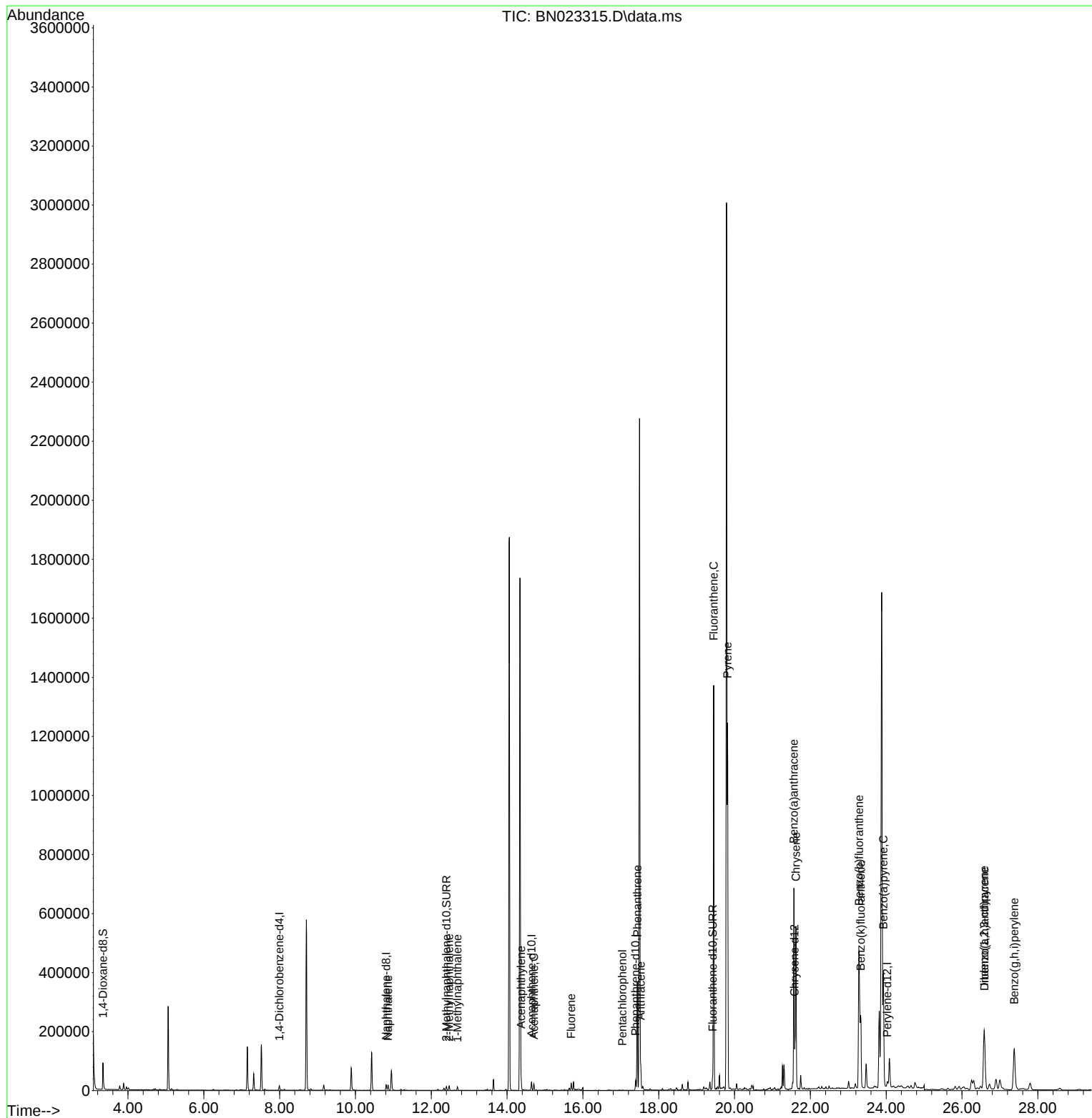
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023315.D
Acq On : 21 Dec 2022 15:35
Operator : CG/JU
Sample : N6006-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

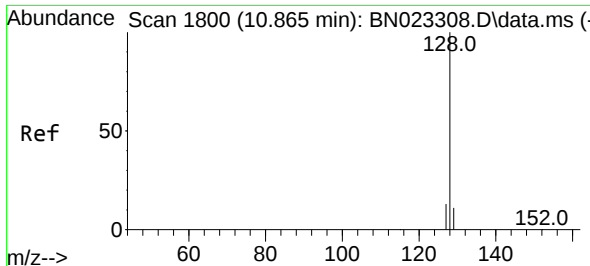
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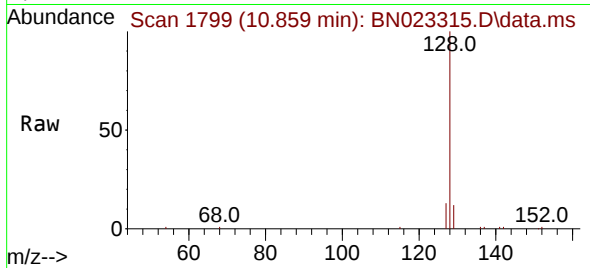
Quant Time: Dec 22 03:20:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

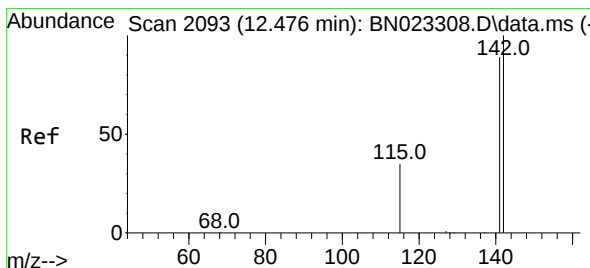
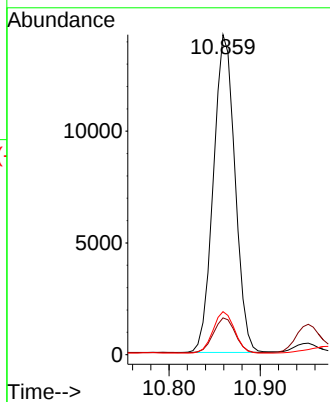
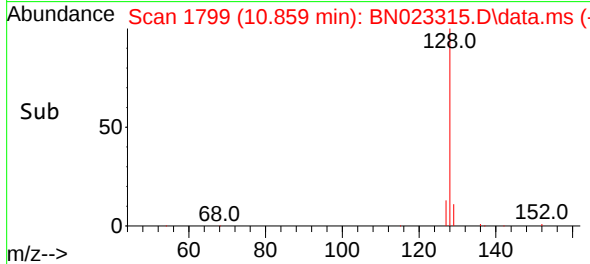
Instrument :
BNA_N
ClientSampleId :
DBXY9



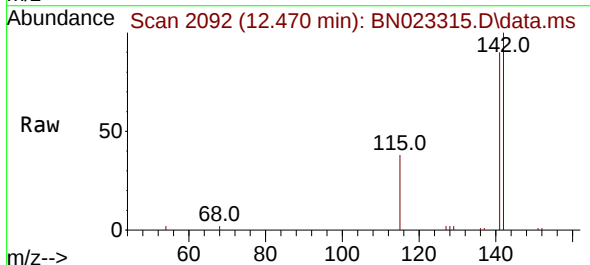
Tgt Ion:128 Resp: 2340
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.4 10.7 16.1

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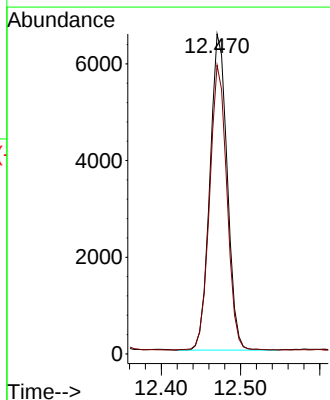
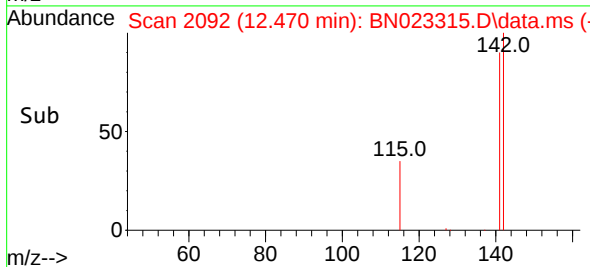
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

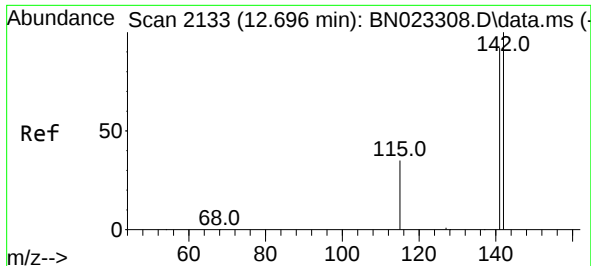


#7
2-Methylnaphthalene
Concen: 0.212 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35



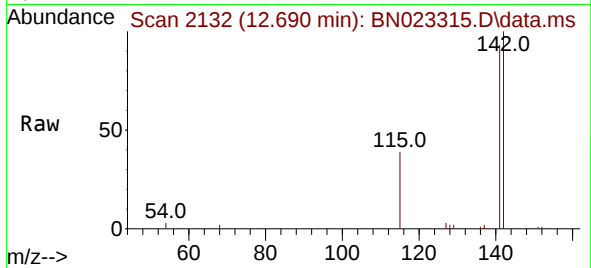
Tgt Ion:142 Resp: 9931
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.690 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

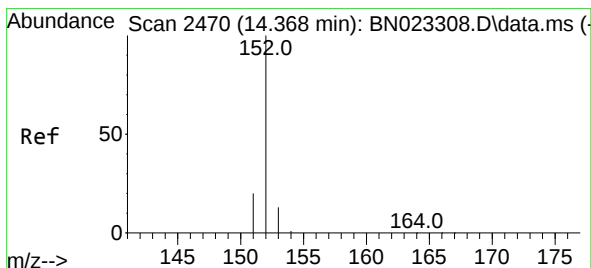
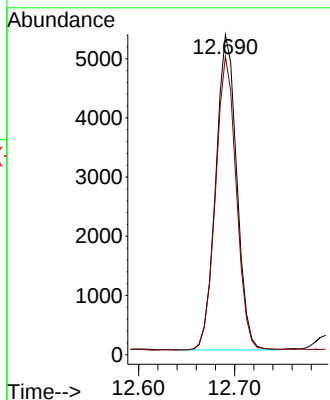
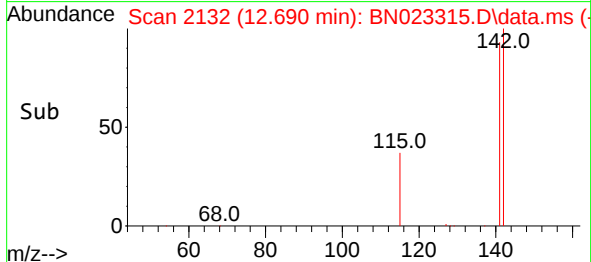
Instrument :
BNA_N
ClientSampleId :
DBXY9



Tgt Ion:142 Resp: 8050
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0

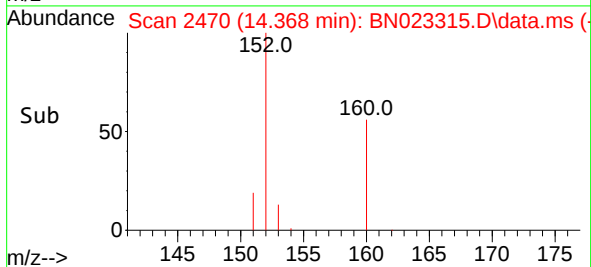
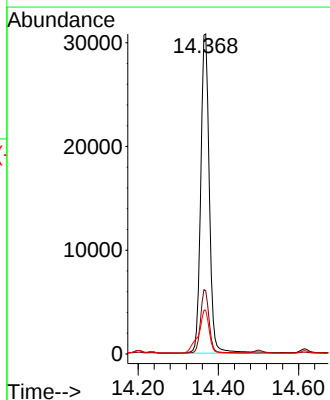
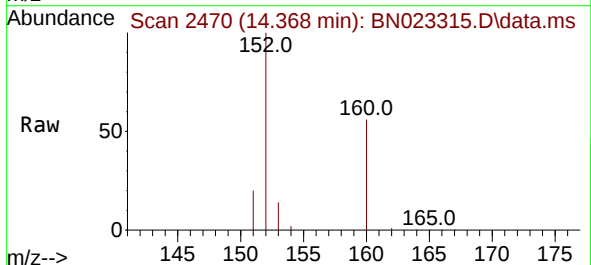
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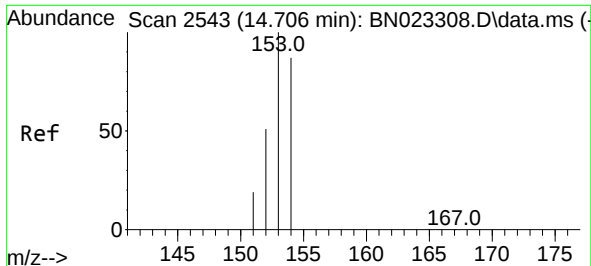
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#10
Acenaphthylene
Concen: 0.686 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

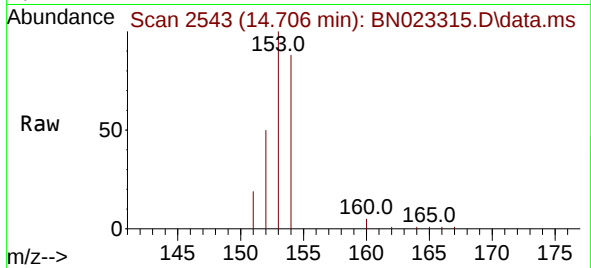
Tgt Ion:152 Resp: 45875
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.219 ng/ul
RT: 14.706 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

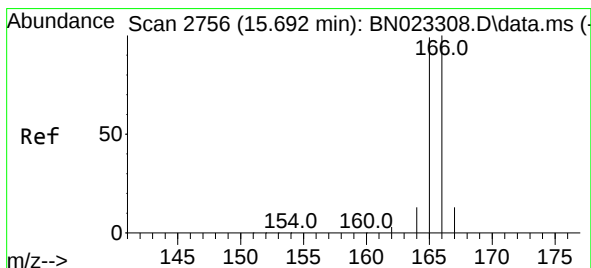
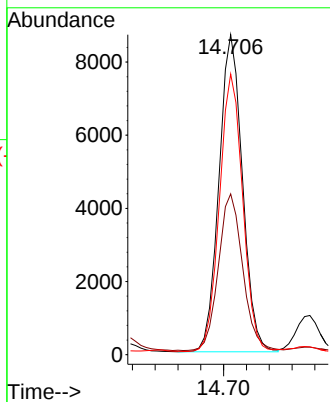
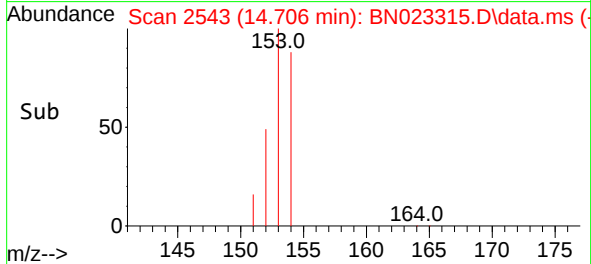
Instrument :
BNA_N
ClientSampleId :
DBXY9



Tgt Ion:153 Resp: 12342
Ion Ratio Lower Upper
153 100
152 50.3 41.0 61.4
154 87.7 69.5 104.3

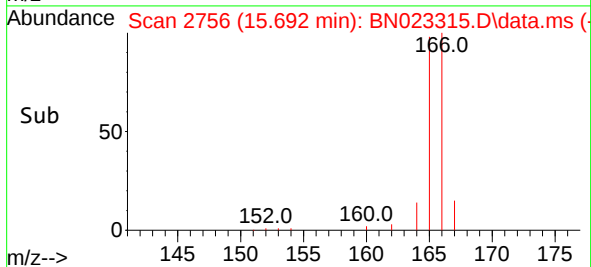
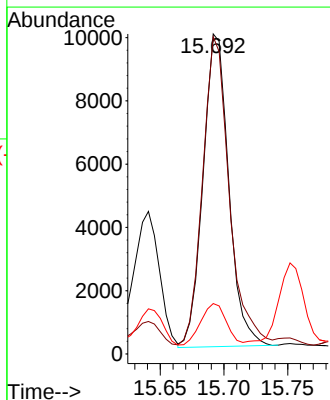
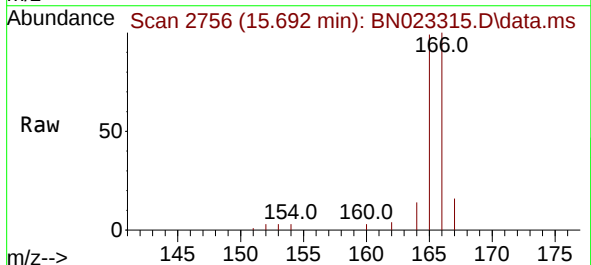
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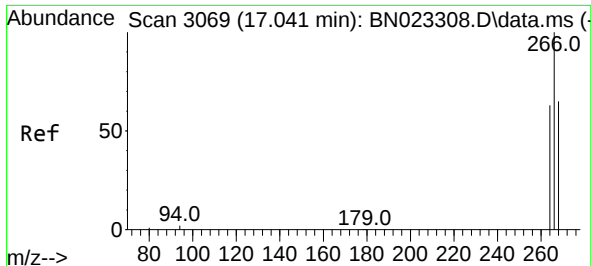
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#12
Fluorene
Concen: 0.219 ng/ul
RT: 15.692 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

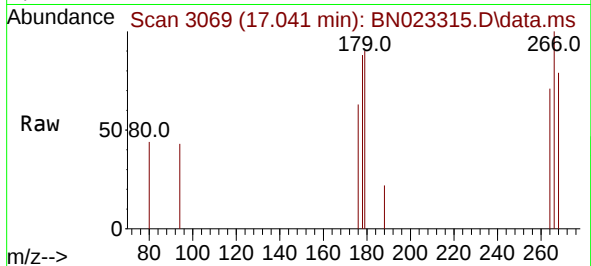
Tgt Ion:166 Resp: 13891
Ion Ratio Lower Upper
166 100
165 99.1 79.1 118.7
167 15.7 11.0 16.4





#14
Pentachlorophenol
Concen: 0.042 ng/ul
RT: 17.041 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

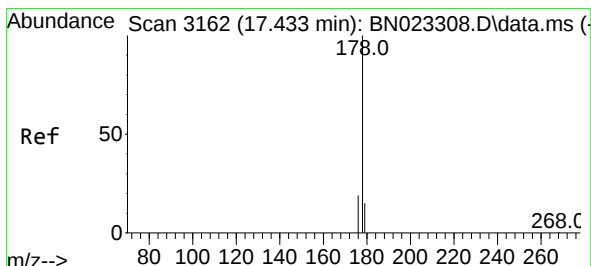
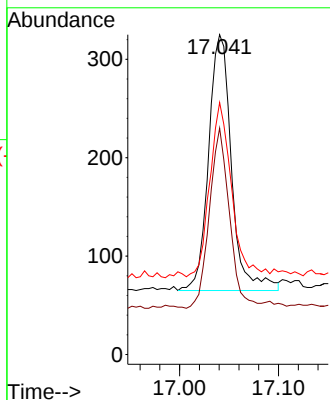
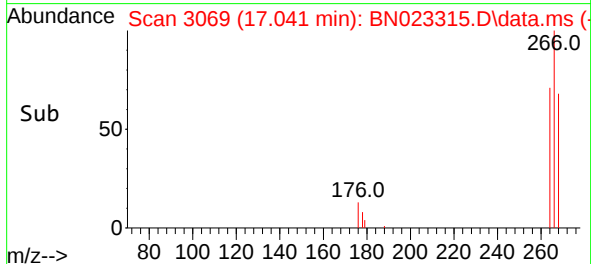
Instrument :
BNA_N
ClientSampleId :
DBXY9



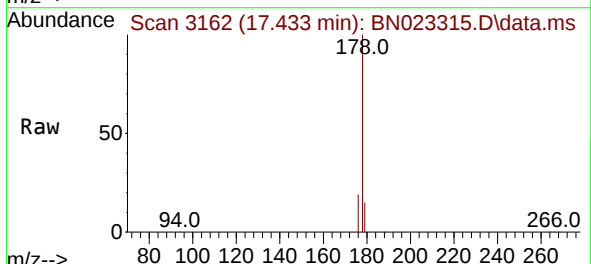
Tgt Ion:266 Resp: 418
Ion Ratio Lower Upper
266 100
264 61.7 49.8 74.6
268 64.4 51.4 77.0

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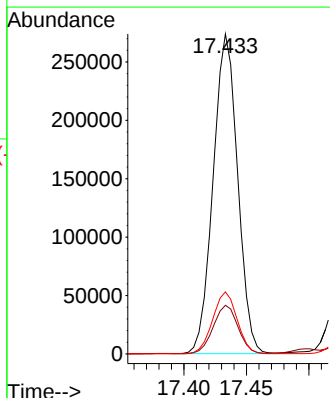
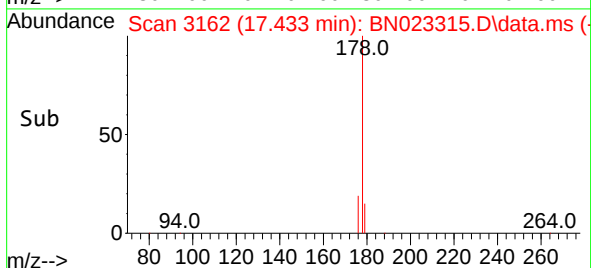
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

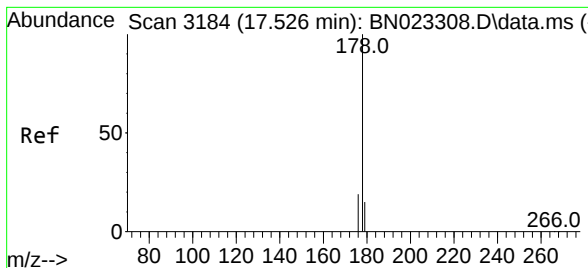


#15
Phenanthrene
Concen: 3.216 ng/ul
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35



Tgt Ion:178 Resp: 372543
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.4 15.7 23.5





#16

Anthracene

Concen: 0.755 ng/ul

RT: 17.526 min Scan# 3184

Delta R.T. 0.000 min

Lab File: BN023315.D

Acq: 21 Dec 2022 15:35

Instrument :

BNA_N

ClientSampleId :

DBXY9

Tgt Ion:178 Resp: 72609

Ion Ratio Lower Upper

178 100

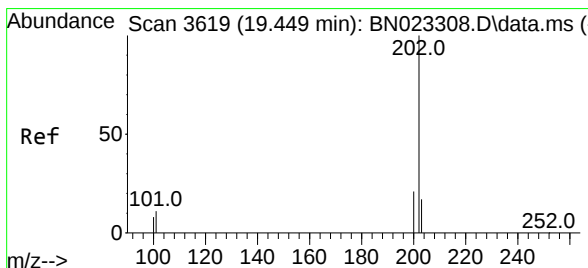
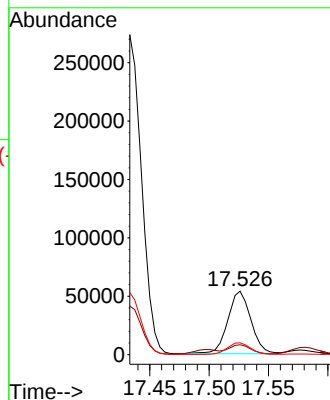
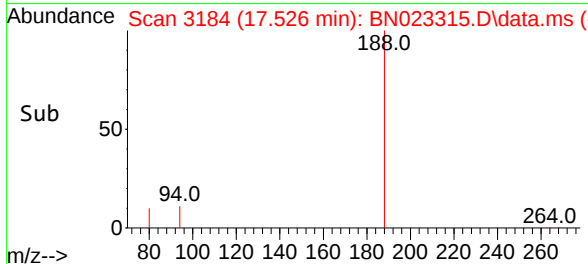
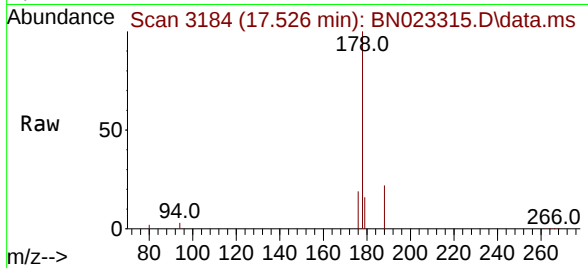
179 15.7 12.6 18.8

176 18.7 15.4 23.0

Manual Integrations

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Supervised By :mohammad ahmed 12/22/2022



#19

Fluoranthene

Concen: 7.785 ng/ul

RT: 19.449 min Scan# 3619

Delta R.T. 0.000 min

Lab File: BN023315.D

Acq: 21 Dec 2022 15:35

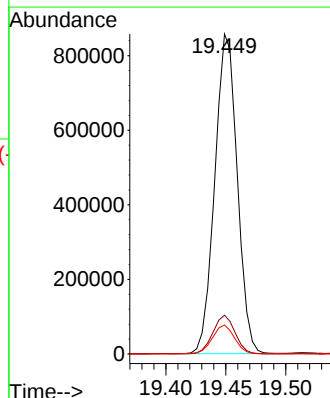
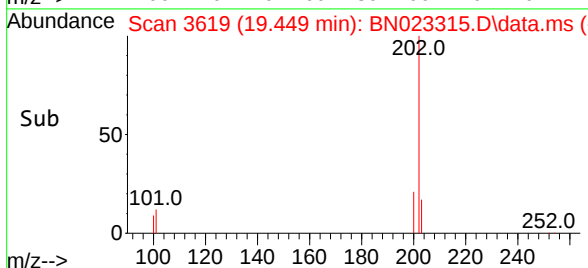
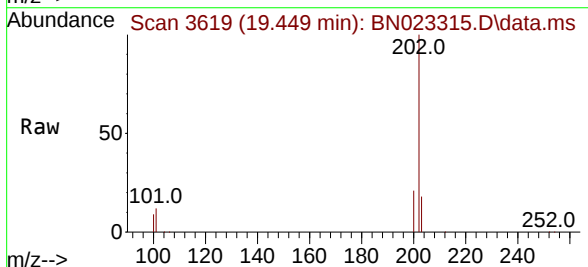
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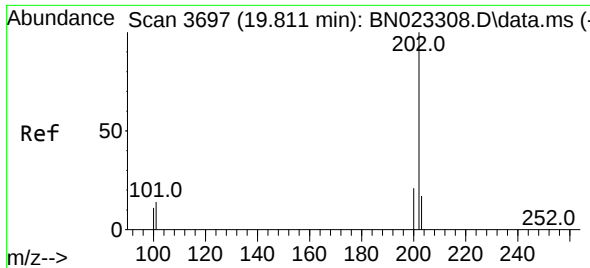
Ion Ratio Lower Upper

202 100

101 12.1 9.4 14.2

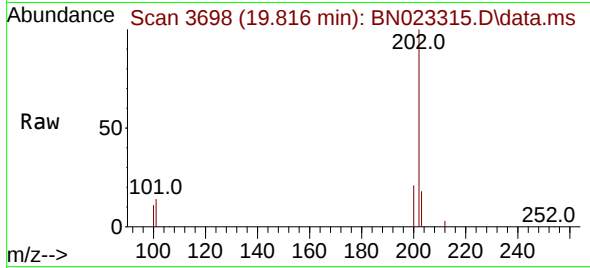
100 9.0 7.0 10.6





#20
Pyrene
Concen: 6.350 ng/ul m
RT: 19.816 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

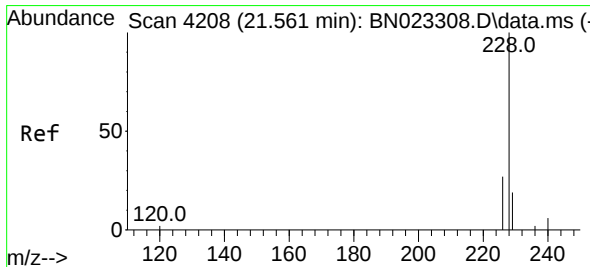
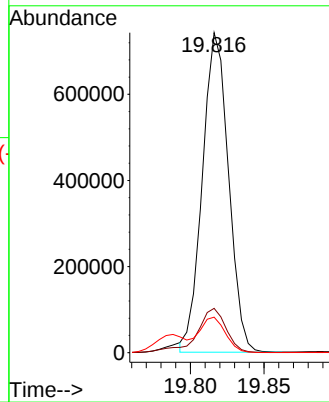
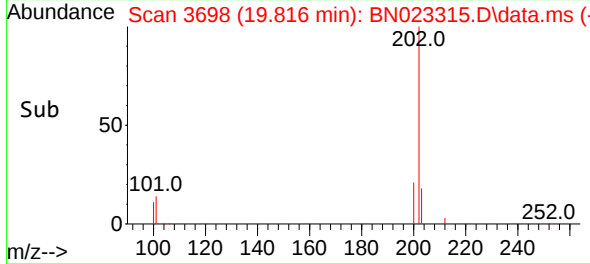
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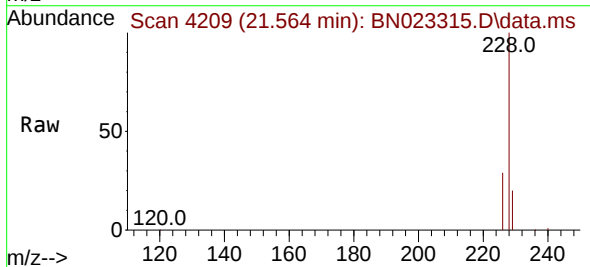
Tgt Ion:202 Resp: 91812
Ion Ratio Lower Upper
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101 13.8 11.3 16.9
100 11.1 9.0 13.4

Manual Integrations
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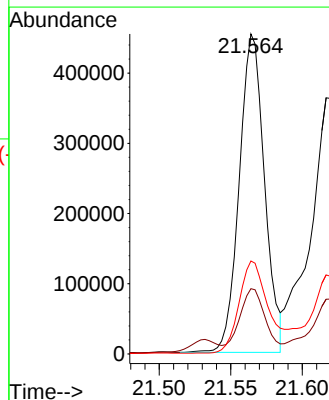
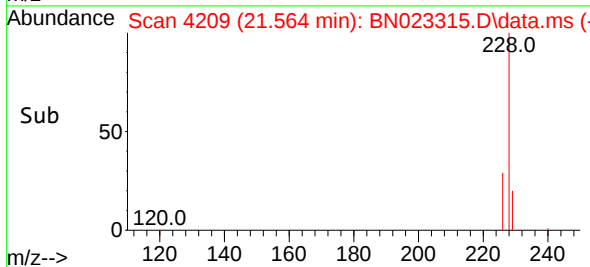
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

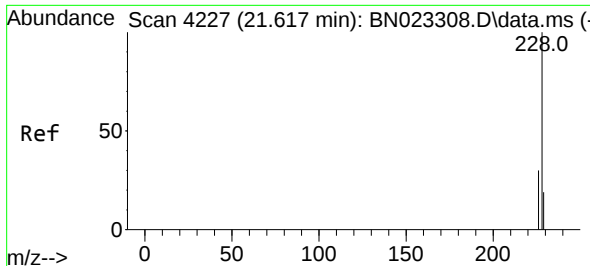


#21
Benzo(a)anthracene
Concen: 4.858 ng/ul
RT: 21.564 min Scan# 4209
Delta R.T. 0.003 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35



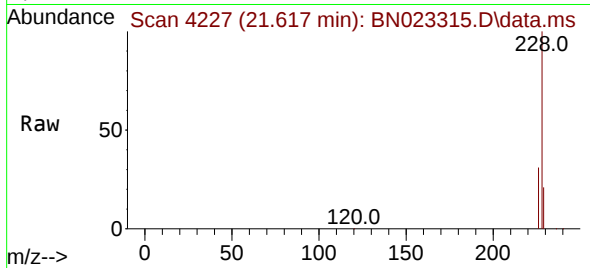
Tgt Ion:228 Resp: 559174
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 29.1 22.2 33.2





#22
Chrysene
Concen: 4.911 ng/ul
RT: 21.617 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

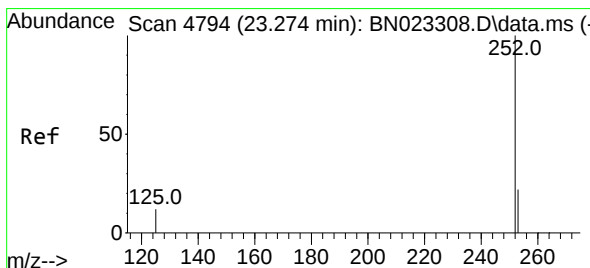
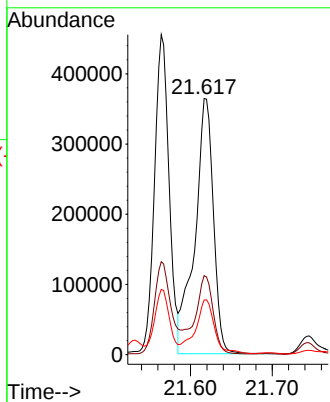
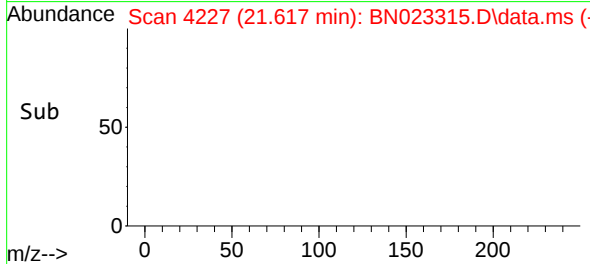
Instrument :
BNA_N
ClientSampleId :
DBXY9



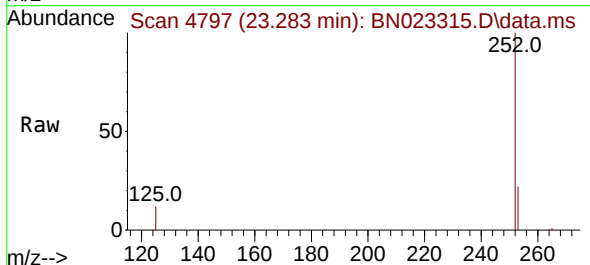
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Ion Ratio Lower Upper
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226 30.9 24.3 36.5
229 21.4 15.8 23.6

Manual Integrations
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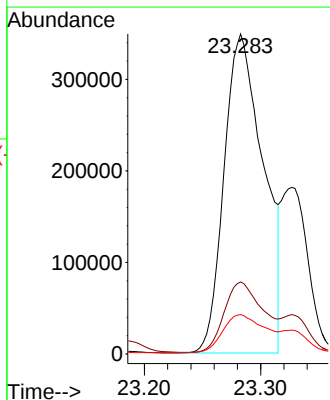
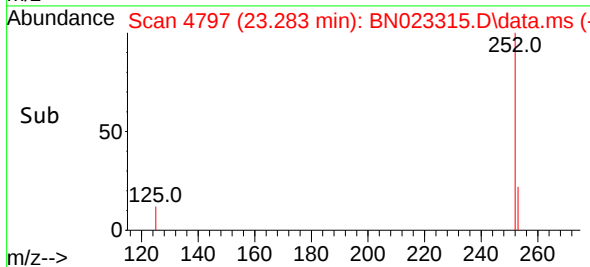
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

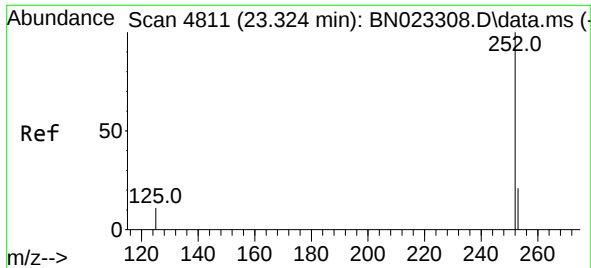


#24
Benzo(b)fluoranthene
Concen: 6.296 ng/ul m
RT: 23.283 min Scan# 4797
Delta R.T. 0.009 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35



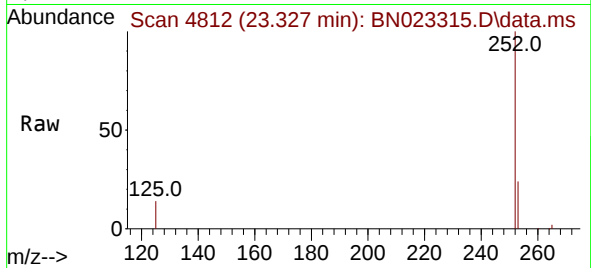
Tgt Ion:252 Resp: 818169
Ion Ratio Lower Upper
252 100
253 22.5 0.0 49.2
125 12.3 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 2.335 ng/ul m
RT: 23.327 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

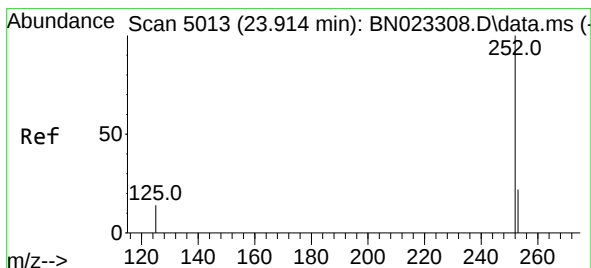
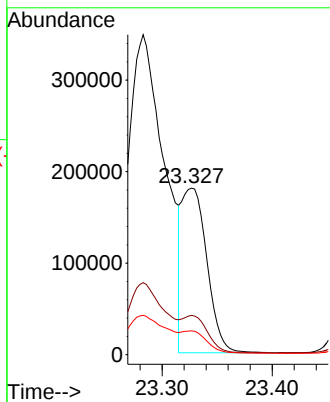
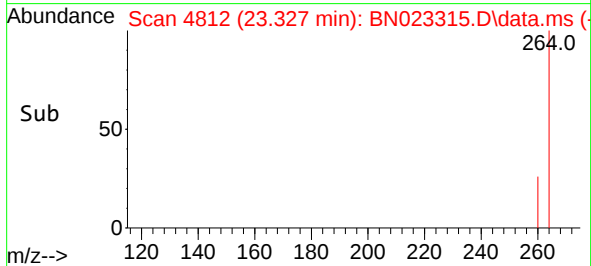
Instrument :
BNA_N
ClientSampleId :
DBXY9



Tgt Ion:252 Resp: 28488
Ion Ratio Lower Upper
252 100
253 23.7 19.8 29.6
125 14.4 12.6 18.8

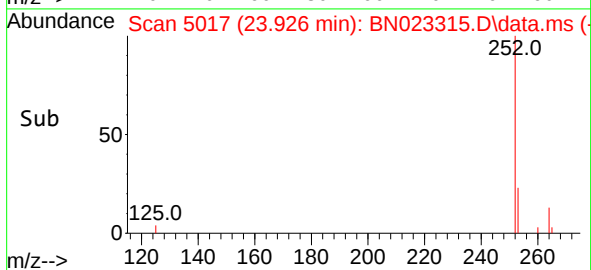
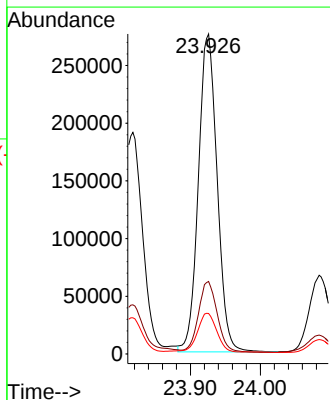
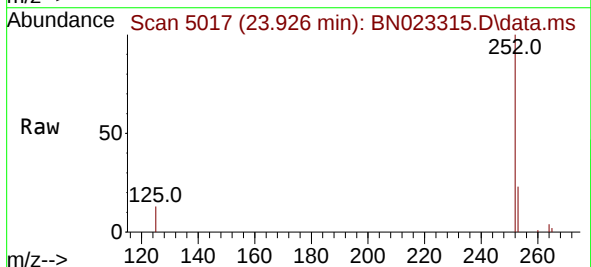
Manual Integrations
APPROVED

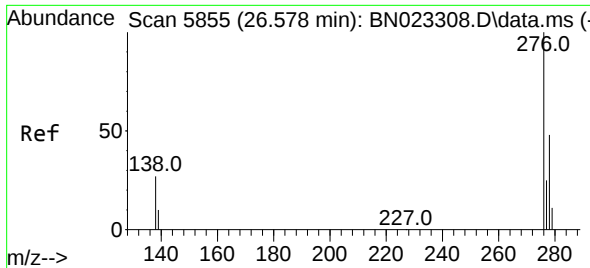
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#26
Benzo(a)pyrene
Concen: 4.986 ng/ul
RT: 23.926 min Scan# 5017
Delta R.T. 0.012 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

Tgt Ion:252 Resp: 513098
Ion Ratio Lower Upper
252 100
253 22.6 21.4 32.2
125 12.7 16.2 24.4#





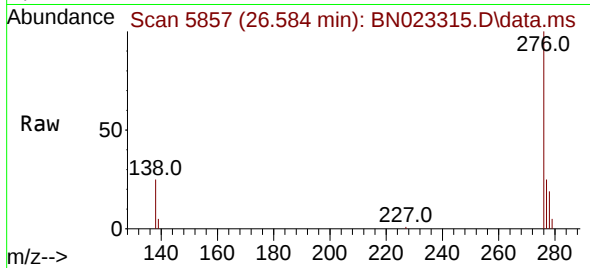
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.889 ng/ul
RT: 26.584 min Scan# 5855
Delta R.T. 0.007 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35

Instrument :

BNA_N

ClientSampleId :

DBXY9

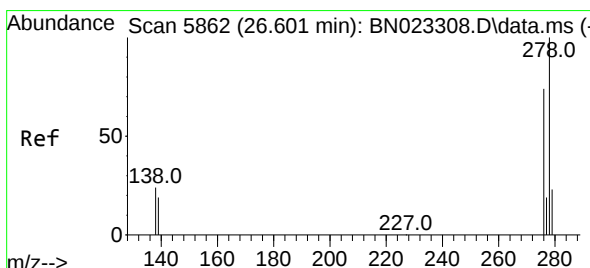
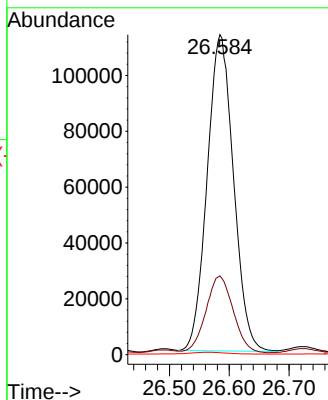
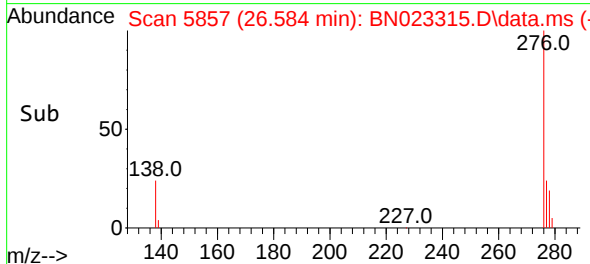


Tgt Ion:276 Resp: 34689
Ion Ratio Lower Upper
276 100
138 25.0 23.4 35.2
227 0.0 0.0 0.0

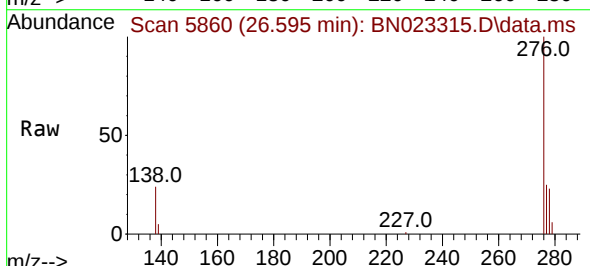
Manual Integrations

APPROVED

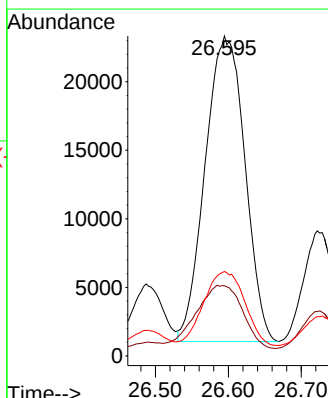
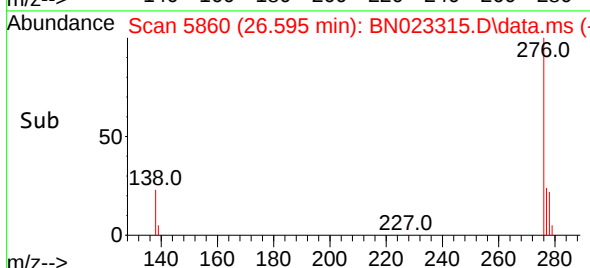
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

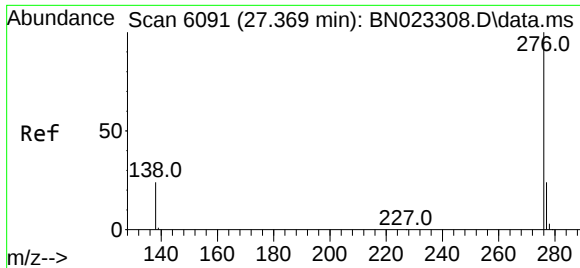


#28
Dibenzo(a,h)anthracene
Concen: 0.906 ng/ul
RT: 26.595 min Scan# 5860
Delta R.T. -0.007 min
Lab File: BN023315.D
Acq: 21 Dec 2022 15:35



Tgt Ion:278 Resp: 84390
Ion Ratio Lower Upper
278 100
139 22.0 16.6 24.8
279 26.4 21.3 31.9





#29

Benzo(g,h,i)perylene

Concen: 3.120 ng/ul

RT: 27.379 min Scan# 6094

Delta R.T. 0.010 min

Lab File: BN023315.D

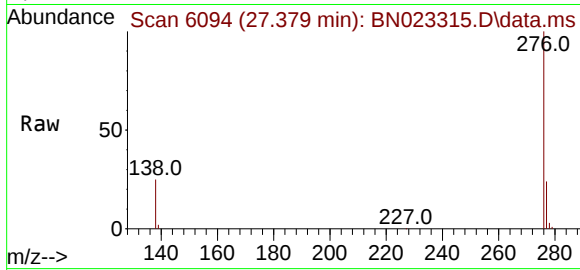
Acq: 21 Dec 2022 15:35

Instrument :

BNA_N

ClientSampleId :

DBXY9



Tgt Ion:276 Resp: 30541

Ion Ratio Lower Upper

276 100

138 25.2 20.3 30.5

277 23.8 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2022

Supervised By :mohammad ahmed 12/22/2022

