

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023165.D
 Acq On : 13 Dec 2022 15:13
 Operator : CG/JU
 Sample : N5927-16MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXZA2MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/15/2022

Quant Time: Dec 13 23:59:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 23:52:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.837	136	20840	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.660	164	13238	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.408	188	29517	0.400	ng/ul	0.00
17) Chrysene-d12	21.588	240	27036	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	24786	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	12196	1.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	9106	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.430	212	23258	0.233	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.395	88	7908	1.002	ng/ul#	89
5) Naphthalene	10.887	128	17549	0.277	ng/ul	100
7) 2-Methylnaphthalene	12.493	142	10869	0.275	ng/ul	100
8) 1-Methylnaphthalene	12.713	142	11688	0.291	ng/ul	100
10) Acenaphthylene	14.382	152	18851	0.289	ng/ul	99
11) Acenaphthene	14.725	153	12850	0.249	ng/ul	99
12) Fluorene	15.710	166	16335	0.279	ng/ul	98
14) Pentachlorophenol	17.053	266	4811	0.779	ng/ul#	100
15) Phenanthrene	17.446	178	29096	0.287	ng/ul	100
16) Anthracene	17.539	178	27387	0.315	ng/ul	100
19) Fluoranthene	19.463	202	34015	0.243	ng/ul	99
20) Pyrene	19.825	202	35284m	0.258	ng/ul	
21) Benzo(a)anthracene	21.573	228	32235	0.312	ng/ul	100
22) Chrysene	21.626	228	32493	0.287	ng/ul	100
24) Benzo(b)fluoranthene	23.295	252	33894	0.270	ng/ul	94
25) Benzo(k)fluoranthene	23.341	252	32539	0.245	ng/ul	97
26) Benzo(a)pyrene	23.938	252	29770	0.311	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.615	276	37094	0.326	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.635	278	29348	0.325	ng/ul	99
29) Benzo(g,h,i)perylene	27.403	276	30070	0.303	ng/ul	99

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

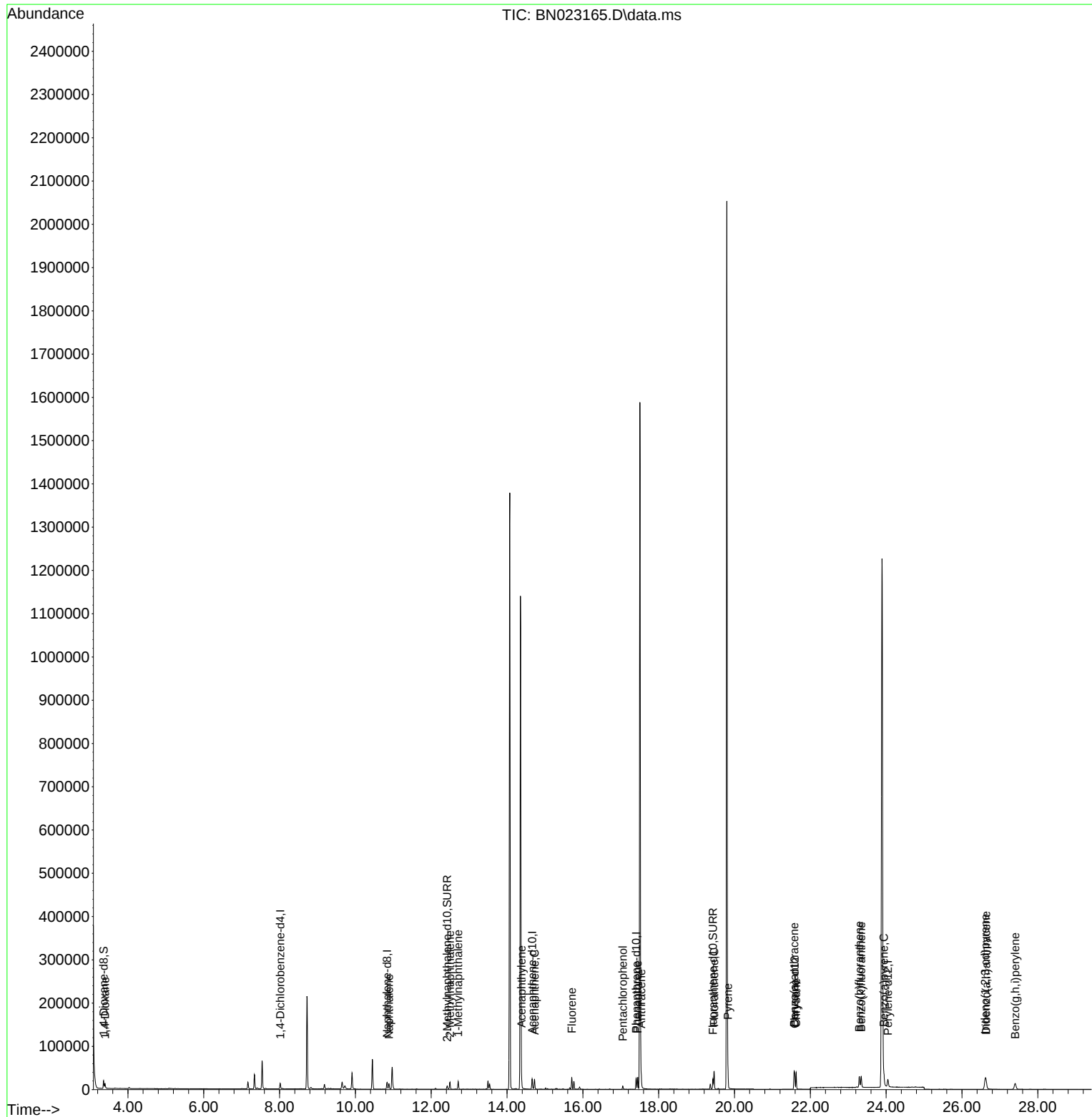
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023165.D
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ALS Vial : 10 Sample Multiplier: 1

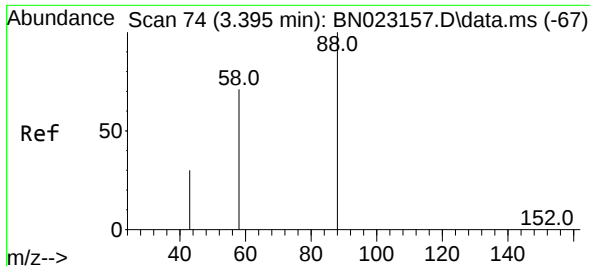
Instrument :
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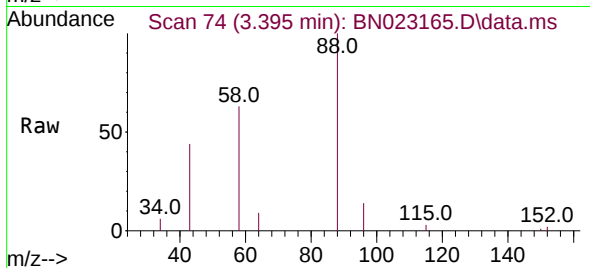
Quant Time: Dec 13 23:59:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 23:52:47 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.002 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

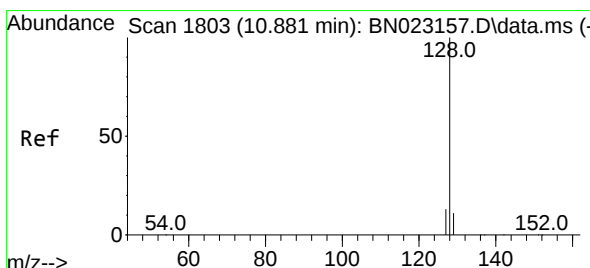
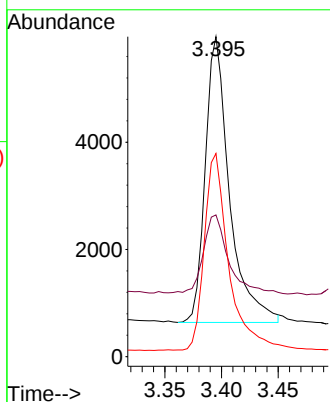
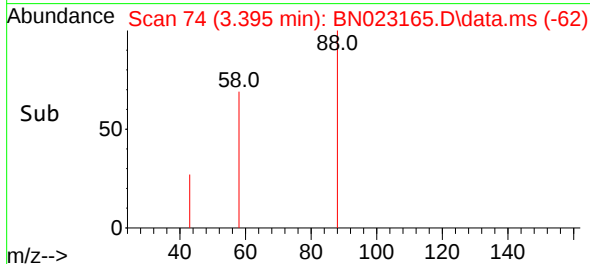
Instrument :
BNA_N
ClientSampleId :
EXZA2MS



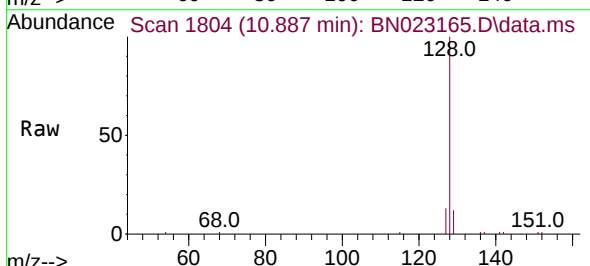
Tgt Ion: 88 Resp: 7908
Ion Ratio Lower Upper
88 100
43 44.3 26.2 39.4
58 63.5 47.6 71.4

Manual Integrations
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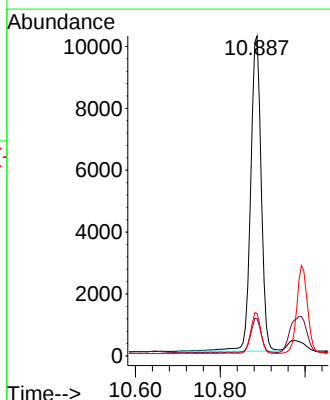
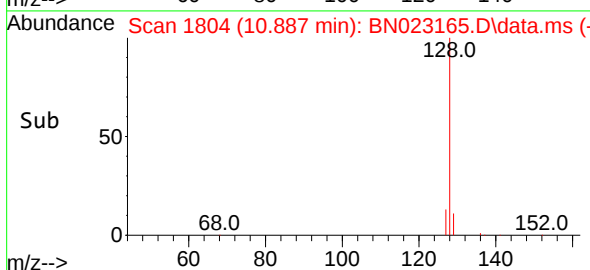
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/15/2022

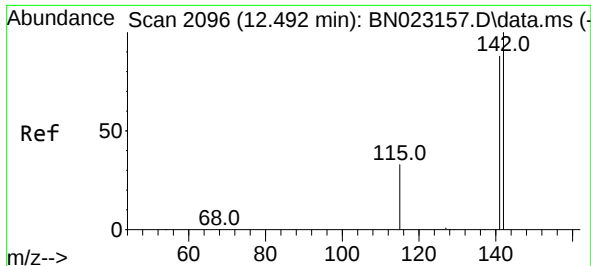


#5
Naphthalene
Concen: 0.277 ng/ul
RT: 10.887 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13



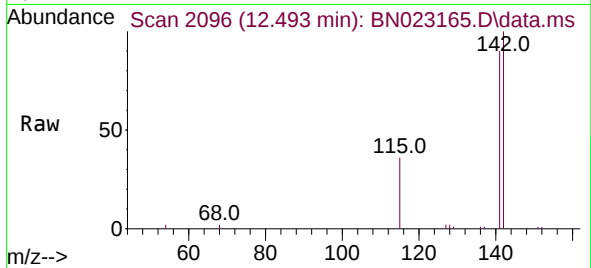
Tgt Ion:128 Resp: 17549
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.3 10.6 16.0





#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.493 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

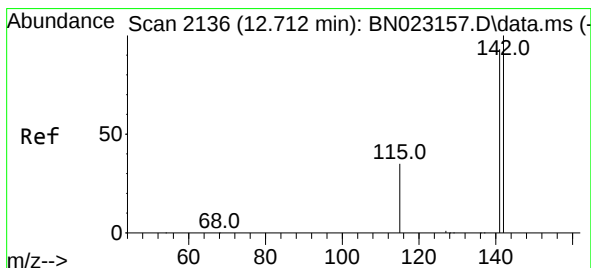
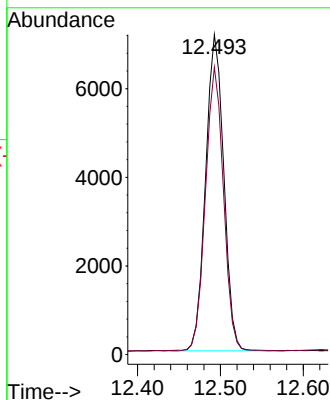
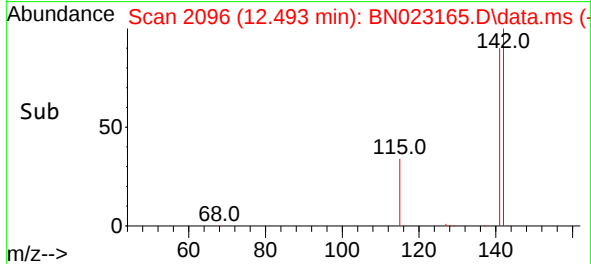
Instrument :
BNA_N
ClientSampleId :
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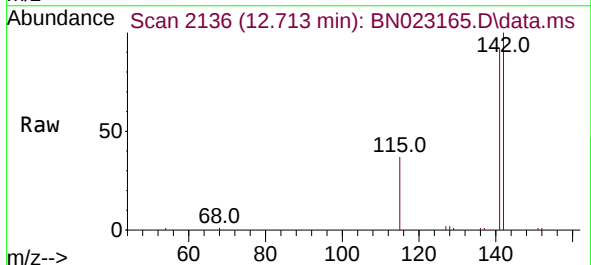
Tgt Ion:142 Resp: 10869
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4

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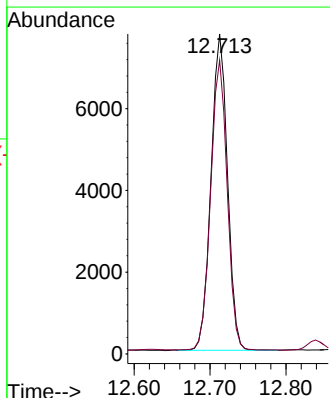
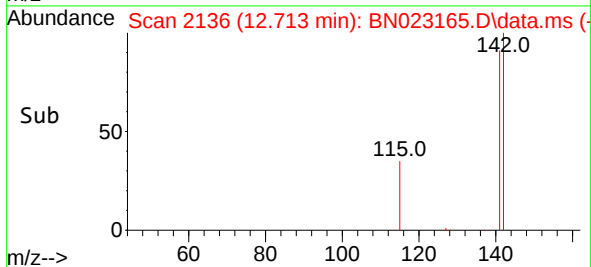
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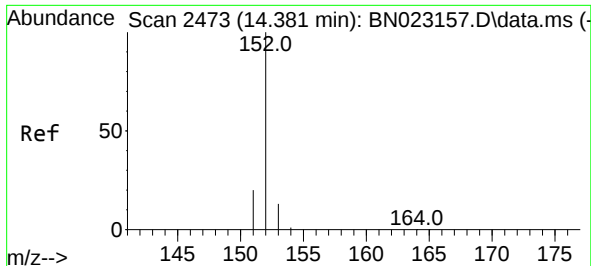


#8
1-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.713 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13



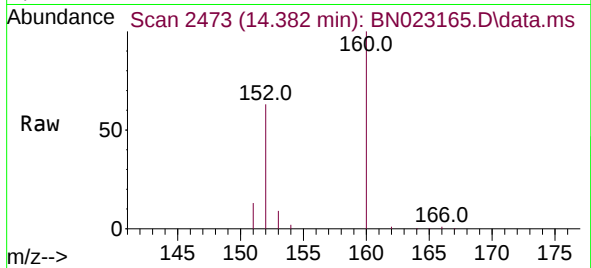
Tgt Ion:142 Resp: 11688
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6





#10
Acenaphthylene
Concen: 0.289 ng/ul
RT: 14.382 min Scan# 2473
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

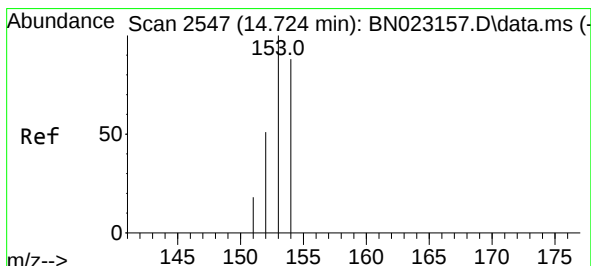
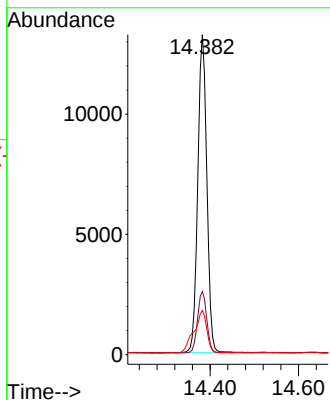
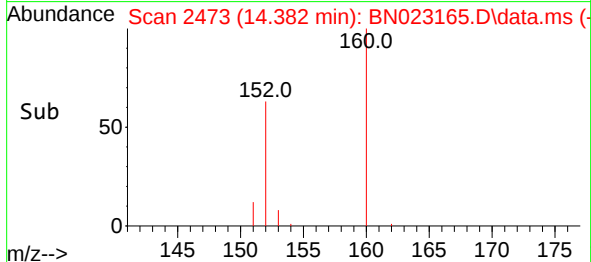
Instrument :
BNA_N
ClientSampleId :
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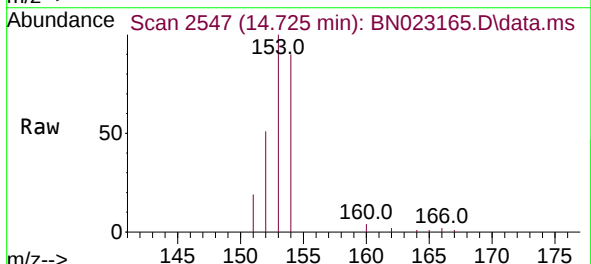
Tgt Ion:152 Resp: 1885
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.8 10.5 15.7

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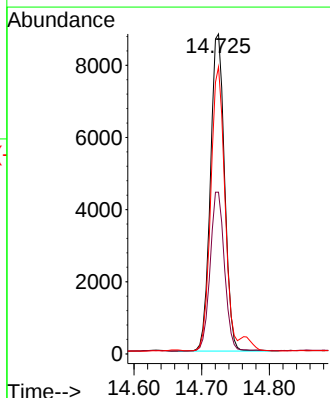
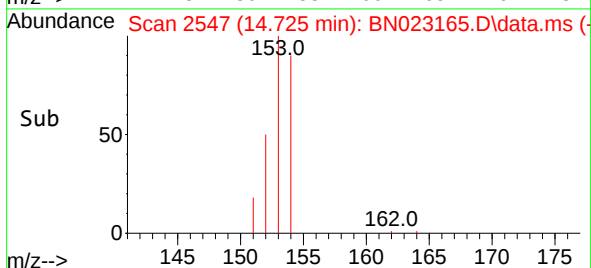
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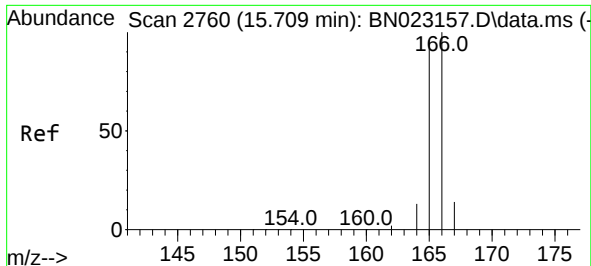


#11
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.725 min Scan# 2547
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13



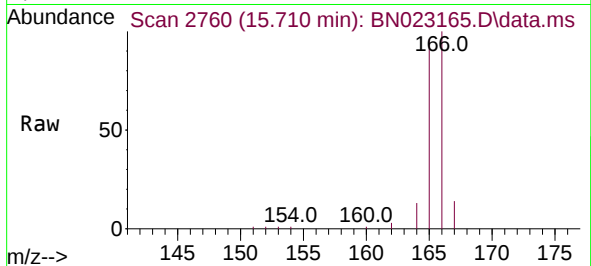
Tgt Ion:153 Resp: 12850
Ion Ratio Lower Upper
153 100
152 50.5 41.8 62.8
154 89.7 71.3 106.9





#12
Fluorene
Concen: 0.279 ng/ul
RT: 15.710 min Scan# 2760
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

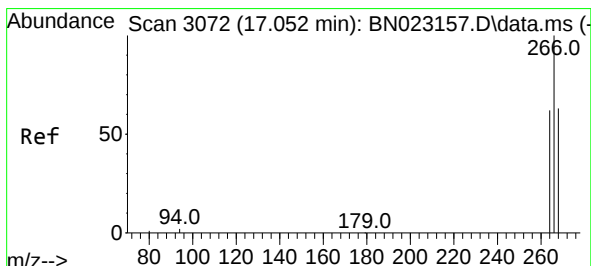
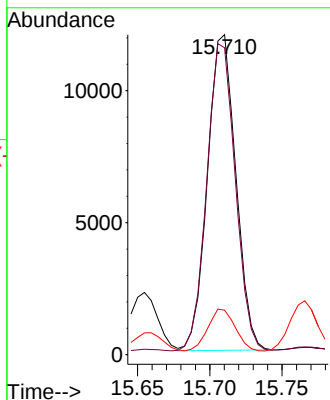
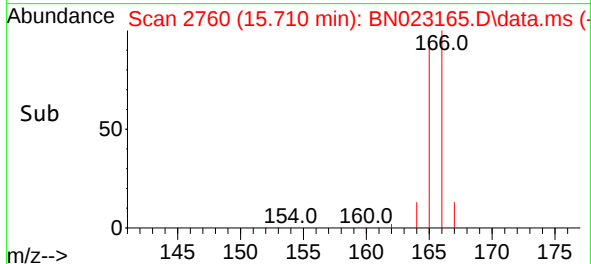
Instrument :
BNA_N
ClientSampleId :
EXZA2MS



Tgt Ion:166 Resp: 16335
Ion Ratio Lower Upper
166 100
165 95.9 78.7 118.1
167 13.9 10.8 16.2

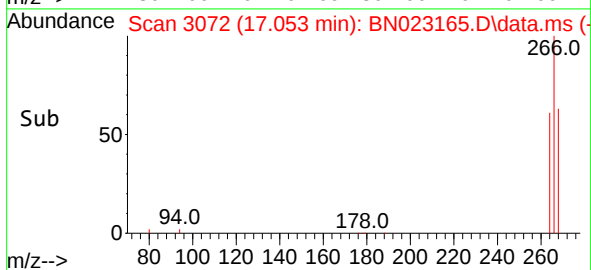
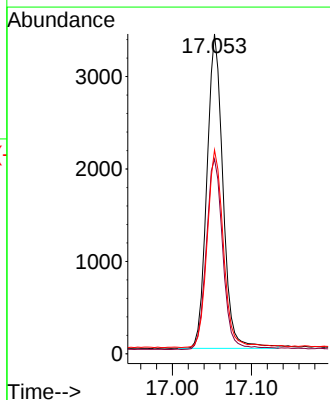
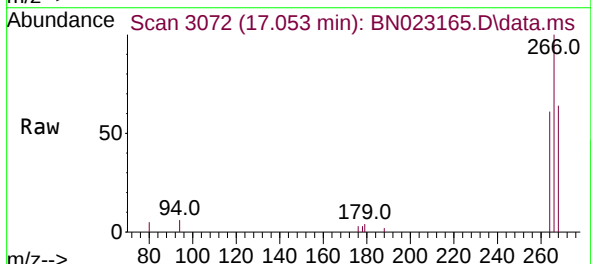
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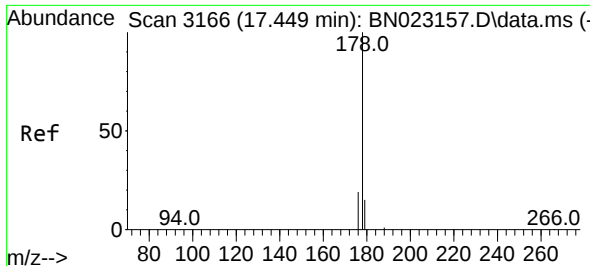
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/15/2022



#14
Pentachlorophenol
Concen: 0.779 ng/ul
RT: 17.053 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:266 Resp: 4811
Ion Ratio Lower Upper
266 100
264 62.4 0.0 0.0#
268 63.7 0.0 0.0#





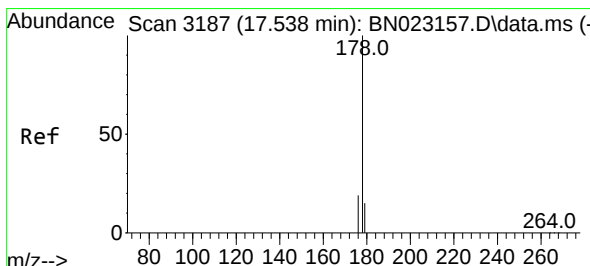
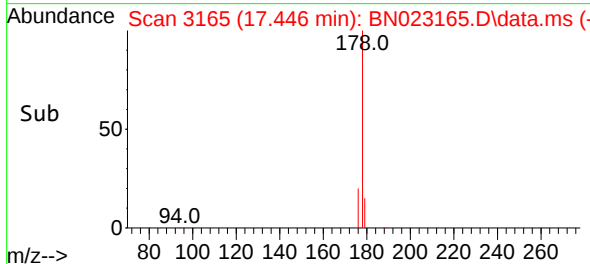
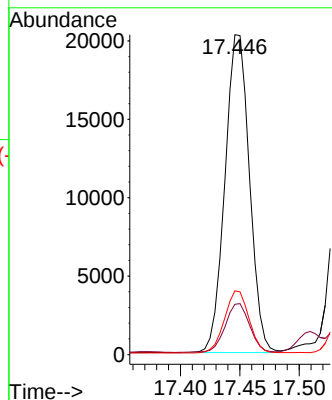
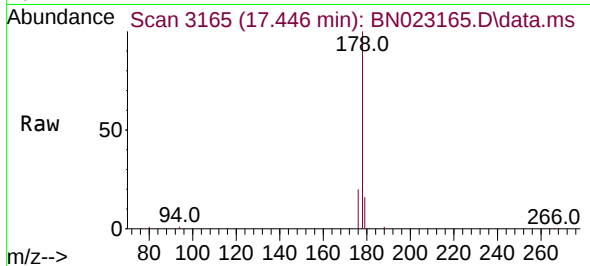
#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.446 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:178 Resp: 29096
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.9 15.9 23.9

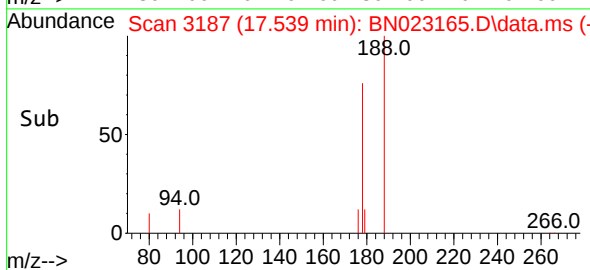
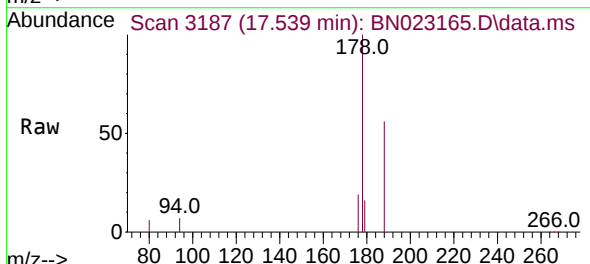
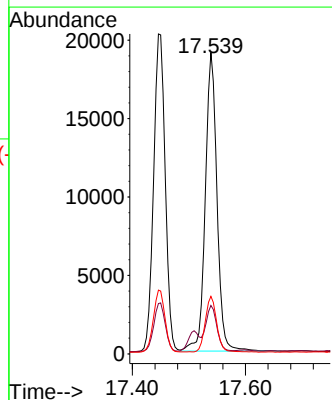
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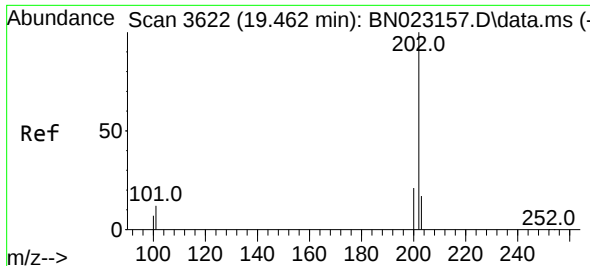
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/15/2022



#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.539 min Scan# 3187
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:178 Resp: 27387
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.1 15.3 22.9





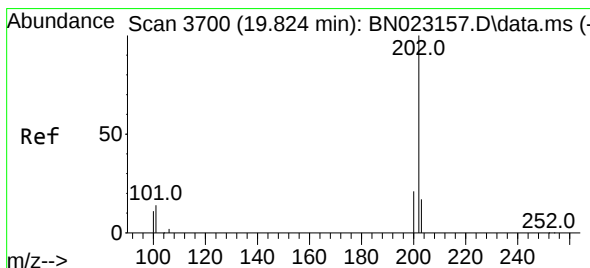
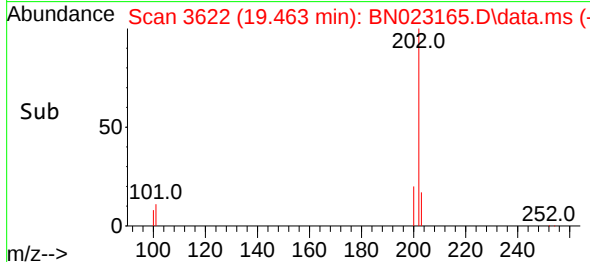
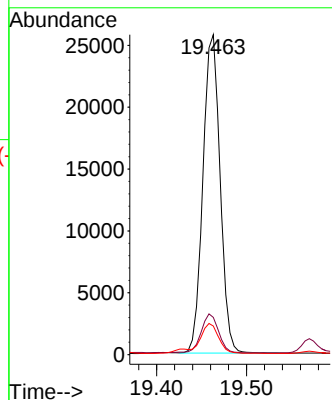
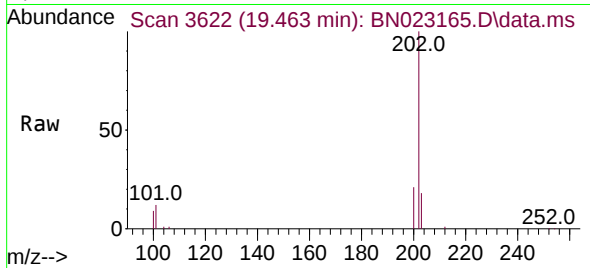
#19
Fluoranthene
Concen: 0.243 ng/ul
RT: 19.463 min Scan# 3622
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:202 Resp: 34015
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
100 9.0 6.9 10.3

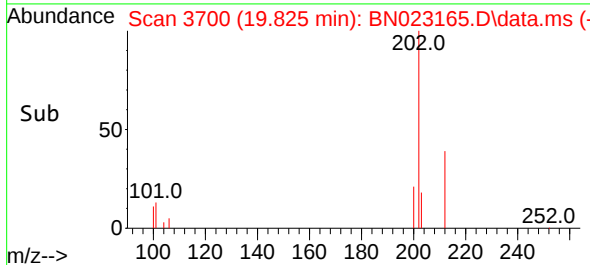
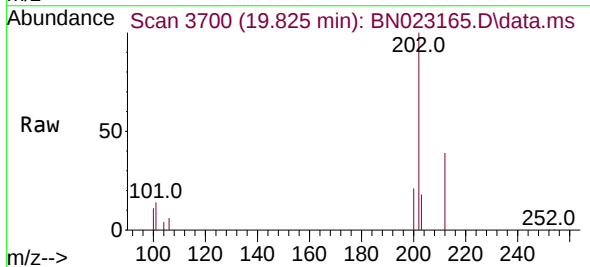
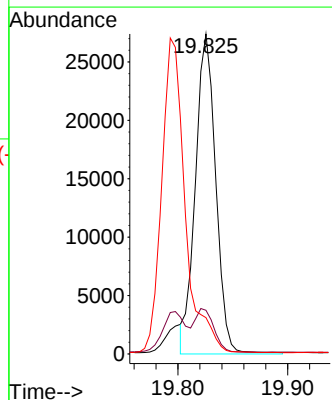
Manual Integrations
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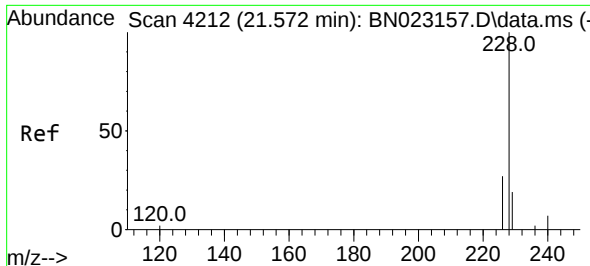
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/15/2022



#20
Pyrene
Concen: 0.258 ng/ul m
RT: 19.825 min Scan# 3700
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

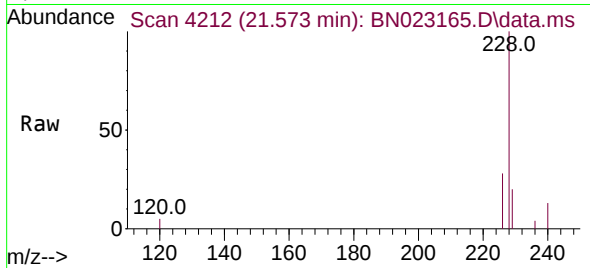
Tgt Ion:202 Resp: 35284
Ion Ratio Lower Upper
202 100
101 13.6 10.6 16.0
100 11.3 8.2 12.4





#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.573 min Scan# 4212
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

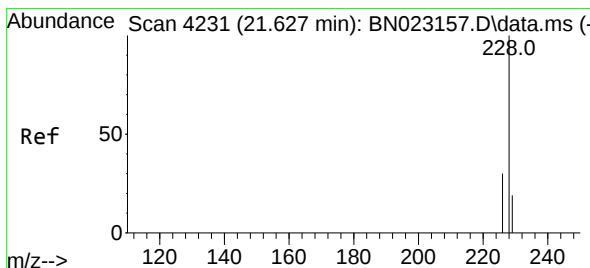
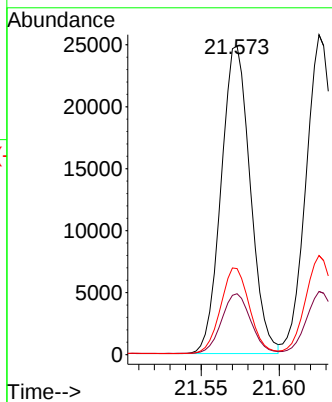
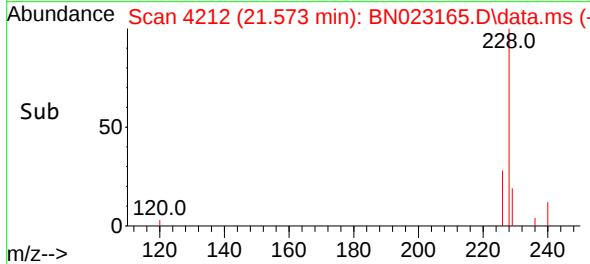
Instrument :
BNA_N
ClientSampleId :
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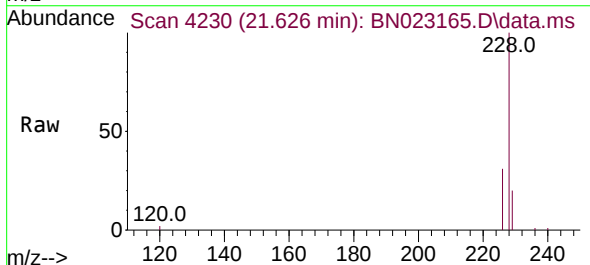
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Ion Ratio Lower Upper
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229 19.7 15.5 23.3
226 27.9 22.2 33.4

Manual Integrations
APPROVED

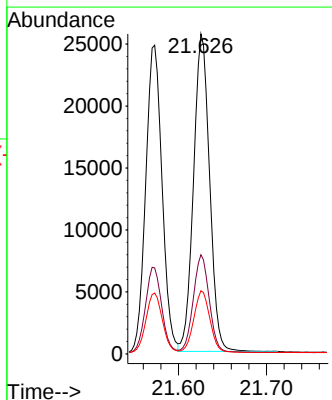
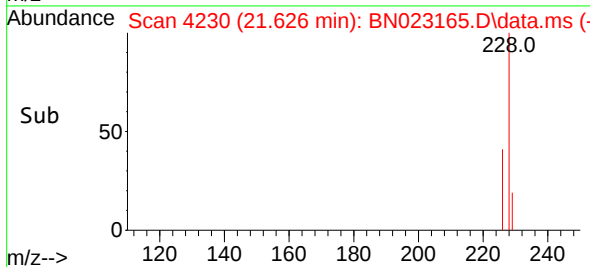
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/15/2022

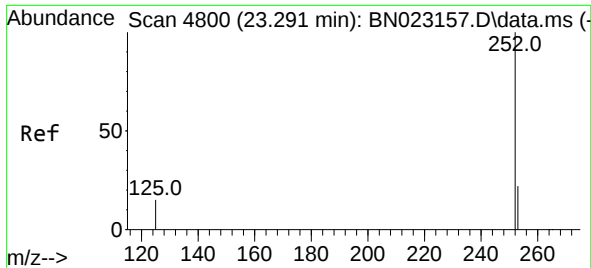


#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.626 min Scan# 4230
Delta R.T. -0.002 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13



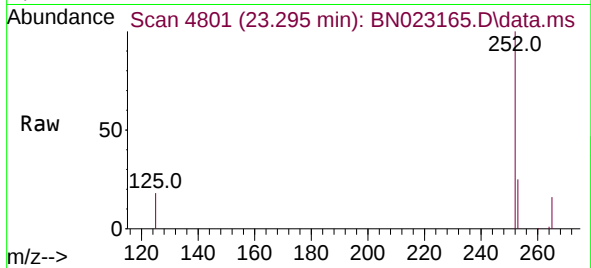
Tgt Ion:228 Resp: 32493
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 19.7 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul
RT: 23.295 min Scan# 4800
Delta R.T. 0.004 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

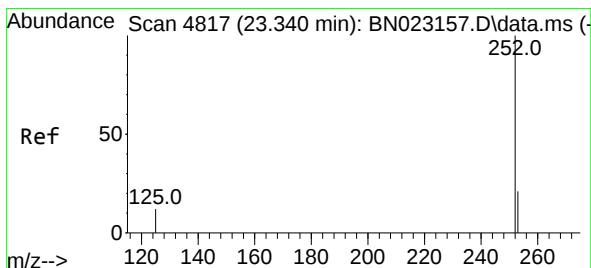
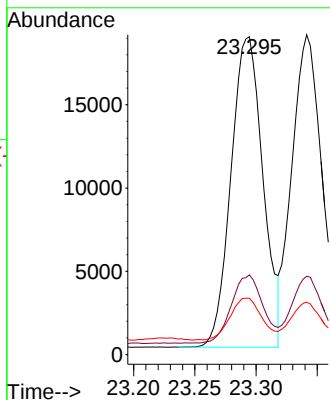
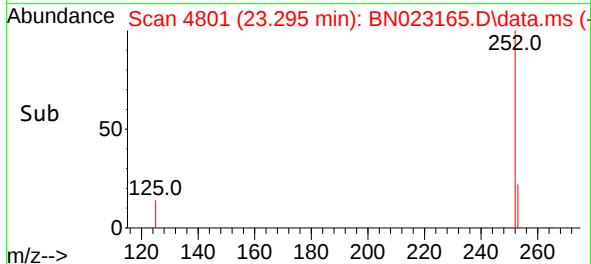
Instrument :
BNA_N
ClientSampleId :
EXZA2MS



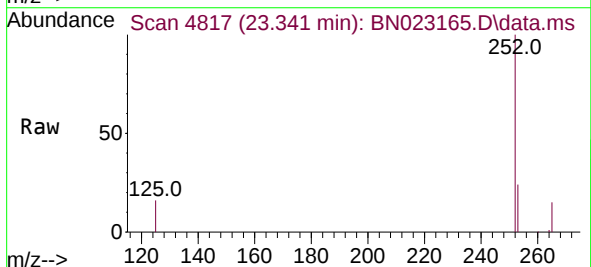
Tgt Ion:252 Resp: 33894
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.0
125 17.7 0.0 28.6

Manual Integrations
APPROVED

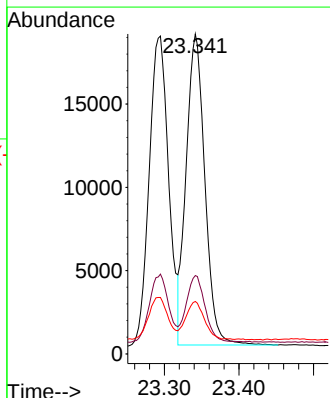
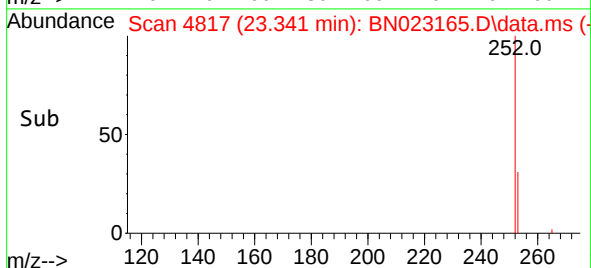
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/15/2022

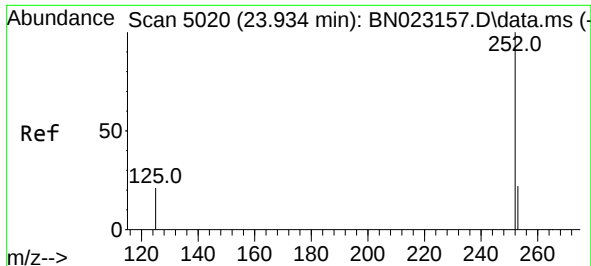


#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul
RT: 23.341 min Scan# 4817
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13



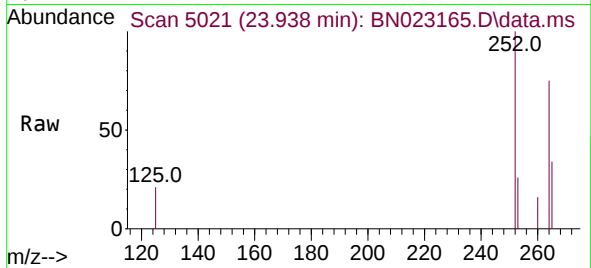
Tgt Ion:252 Resp: 32539
Ion Ratio Lower Upper
252 100
253 24.5 18.7 28.1
125 16.4 11.3 16.9





#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.938 min Scan# 5021
Delta R.T. 0.004 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

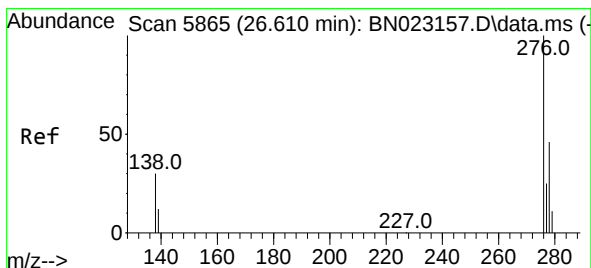
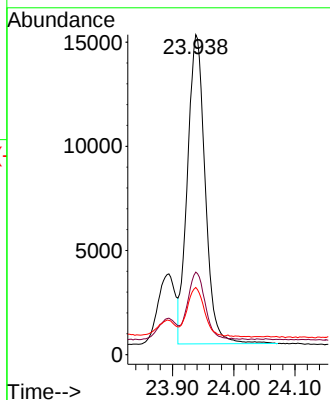
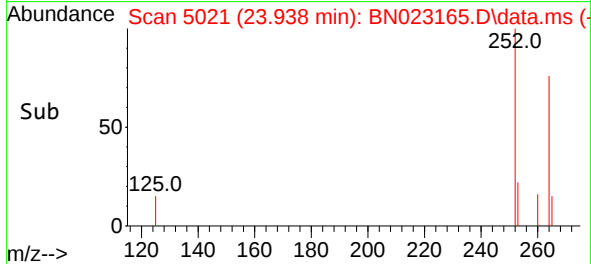
Instrument :
BNA_N
ClientSampleId :
EXZA2MS



Tgt Ion:252 Resp: 29770
Ion Ratio Lower Upper
252 100
253 25.8 19.7 29.5
125 21.0 13.7 20.5

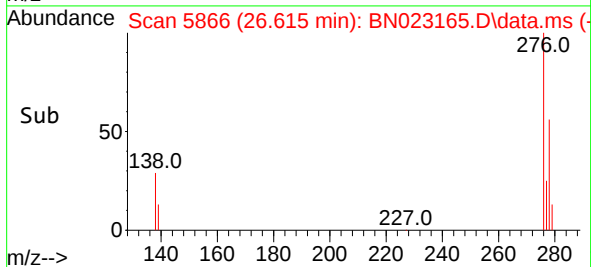
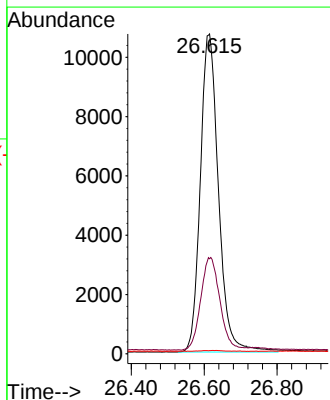
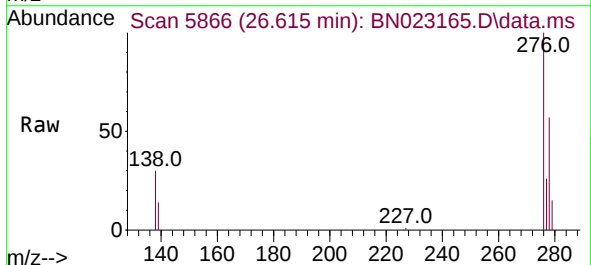
Manual Integrations
APPROVED

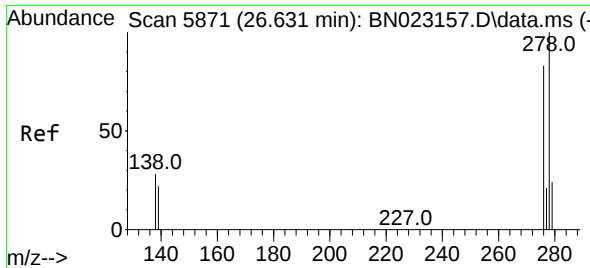
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/15/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.615 min Scan# 5866
Delta R.T. 0.004 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

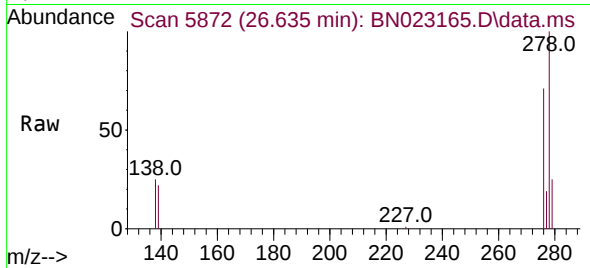
Tgt Ion:276 Resp: 37094
Ion Ratio Lower Upper
276 100
138 31.6 0.0 0.0#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.635 min Scan# 5871
Delta R.T. 0.004 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

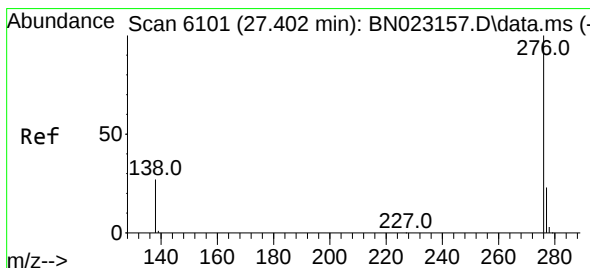
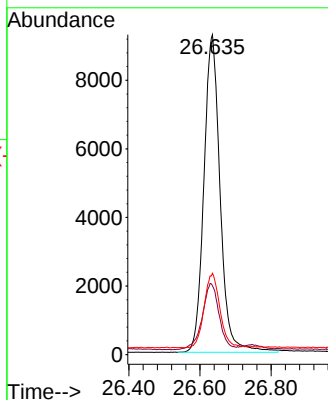
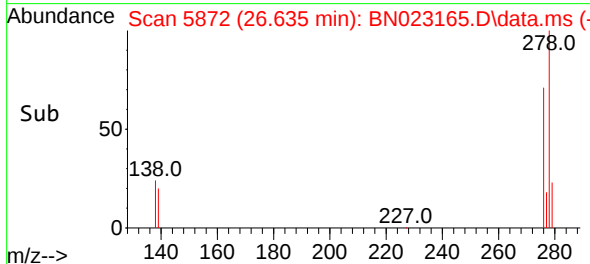
Instrument :
BNA_N
ClientSampleId :
EXZA2MS



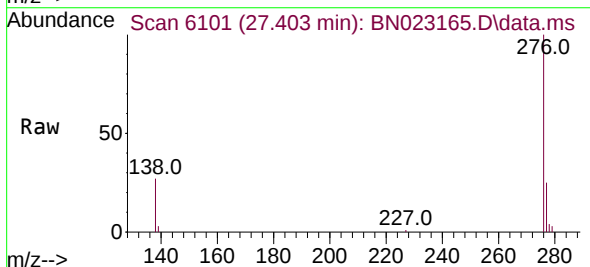
Tgt Ion: 278 Resp: 29348
Ion Ratio Lower Upper
278 100
139 21.5 18.3 27.5
279 25.4 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/15/2022



#29
Benzo(g,h,i)perylene
Concen: 0.303 ng/ul
RT: 27.403 min Scan# 6101
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13



Tgt Ion: 276 Resp: 30070
Ion Ratio Lower Upper
276 100
138 27.5 22.1 33.1
277 24.8 19.4 29.2

