

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022299.D
 Acq On : 24 Oct 2022 15:15
 Operator : CG/JU
 Sample : N5070-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:19:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4036	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	14383	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	8170	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	15823	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	8846	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	7494	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	17289	3.296	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	4924	0.226	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	10532	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	9646	0.227	ng/ul	99
7) 2-Methylnaphthalene	12.443	142	7346	0.274	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	6160	0.224	ng/ul	99
10) Acenaphthylene	14.340	152	3099	0.084	ng/ul#	90
12) Fluorene	15.667	166	1138	0.032	ng/ul#	91
15) Phenanthrene	17.415	178	35769	0.673	ng/ul	100
16) Anthracene	17.508	178	5142	0.115	ng/ul	96
19) Fluoranthene	19.439	202	60766	1.500	ng/ul	98
20) Pyrene	19.806	202	49276	1.211	ng/ul	98
21) Benzo(a)anthracene	21.559	228	19209	0.580	ng/ul	96
22) Chrysene	21.611	228	24368	0.694	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	30215m	0.803	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	10605m	0.290	ng/ul	
26) Benzo(a)pyrene	23.924	252	18040	0.601	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.612	276	14987	0.402	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.622	278	3613	0.121	ng/ul#	71
29) Benzo(g,h,i)perylene	27.410	276	12210	0.402	ng/ul	97

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

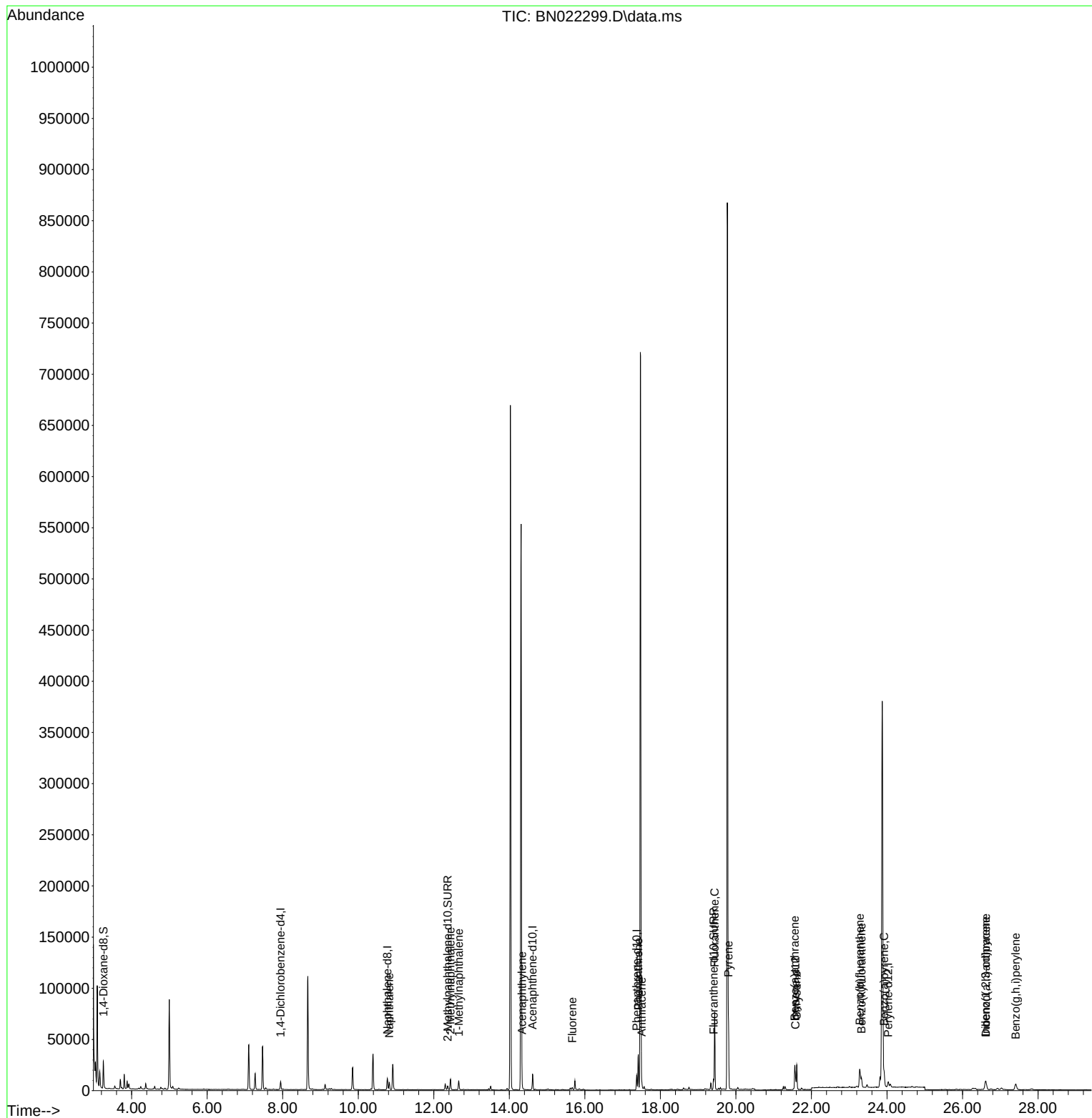
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022299.D
Acq On : 24 Oct 2022 15:15
Operator : CG/JU
Sample : N5070-08
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ALS Vial : 12 Sample Multiplier: 1

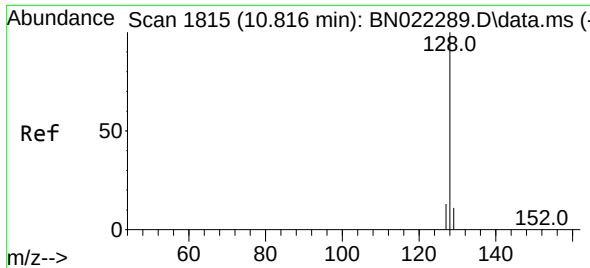
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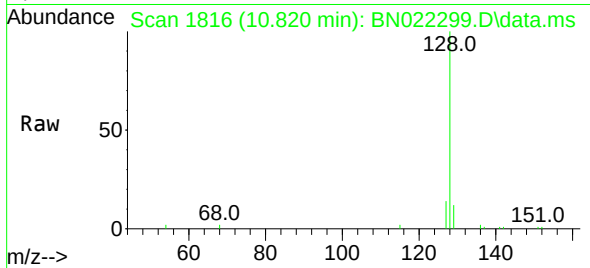
Quant Time: Oct 25 04:19:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.227 ng/ul
RT: 10.820 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

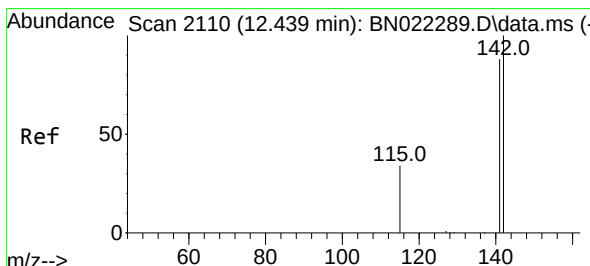
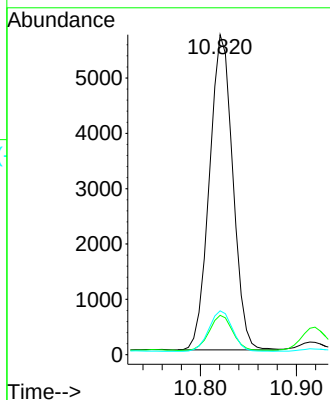
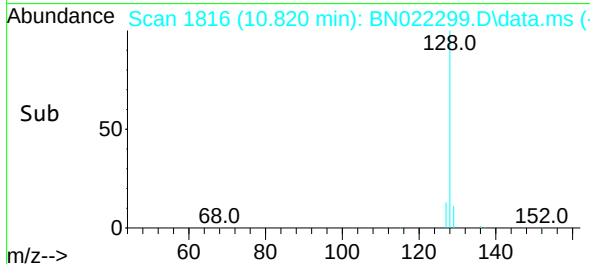
Instrument :
BNA_N
ClientSampleId :
C0BQ6



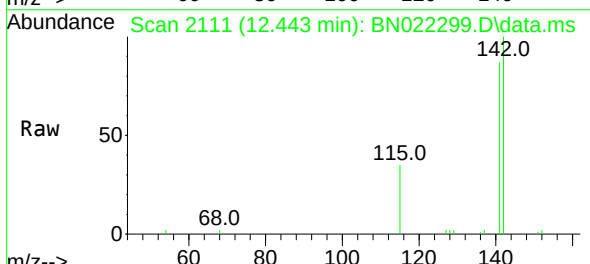
Tgt Ion:128 Resp: 9640
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 13.7 10.7 16.1

Manual Integrations
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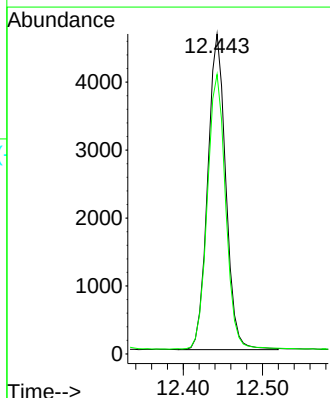
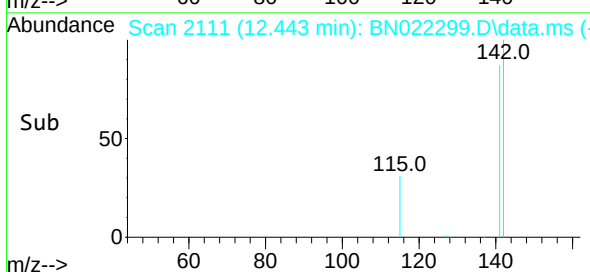
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

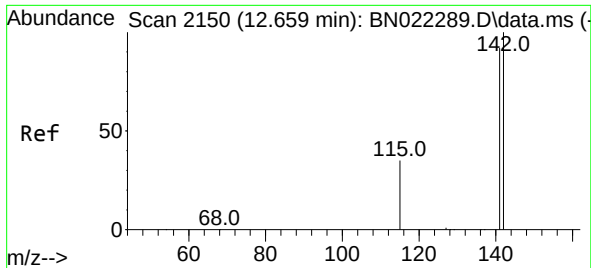


#7
2-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15



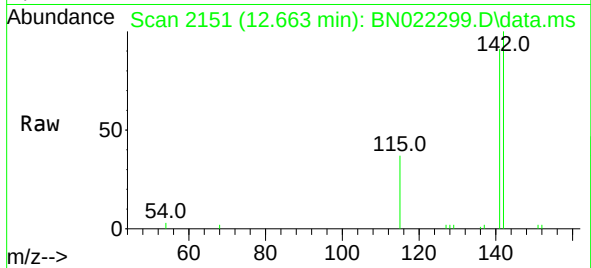
Tgt Ion:142 Resp: 7346
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.663 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

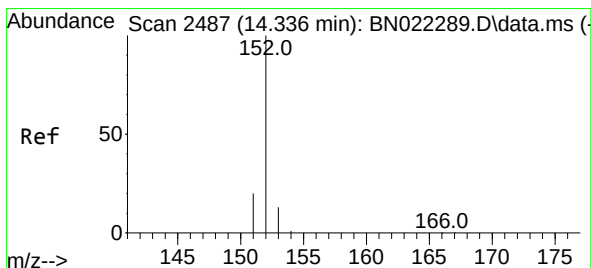
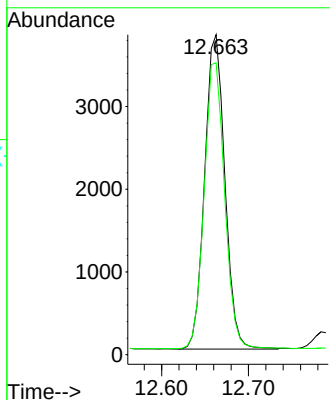
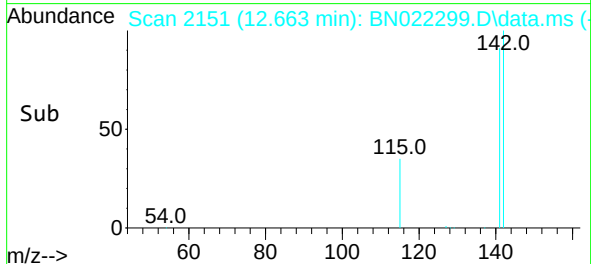
Instrument :
BNA_N
ClientSampleId :
C0BQ6



Tgt Ion:142 Resp: 6160
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9

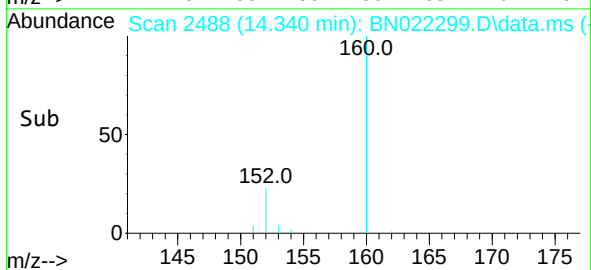
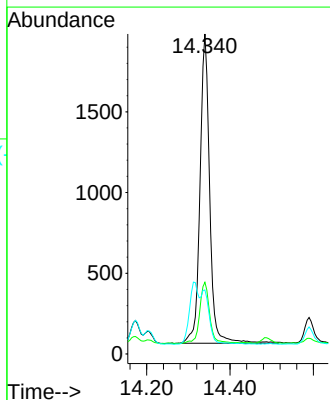
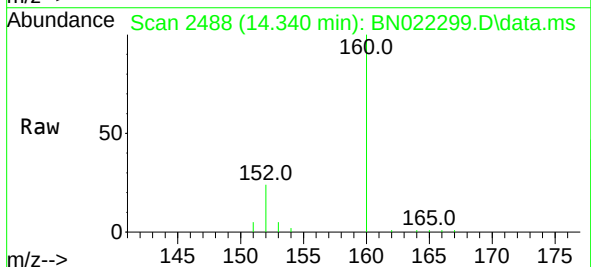
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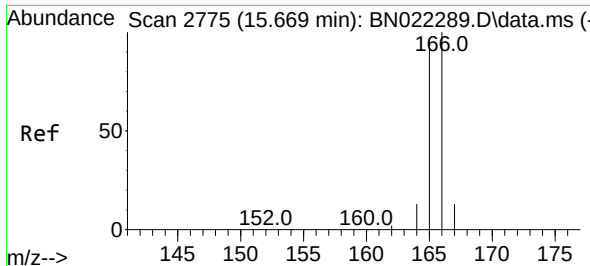
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

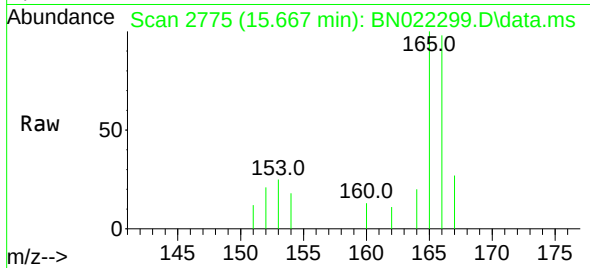
Tgt Ion:152 Resp: 3099
Ion Ratio Lower Upper
152 100
151 22.4 15.9 23.9
153 20.0 10.8 16.2#





#12
Fluorene
Concen: 0.032 ng/u1
RT: 15.667 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

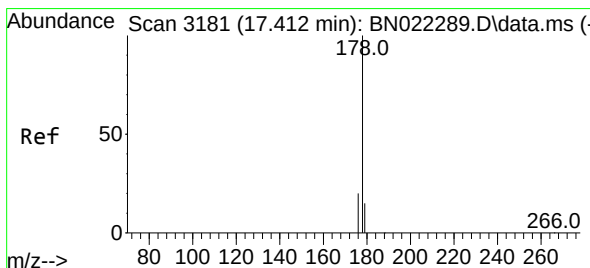
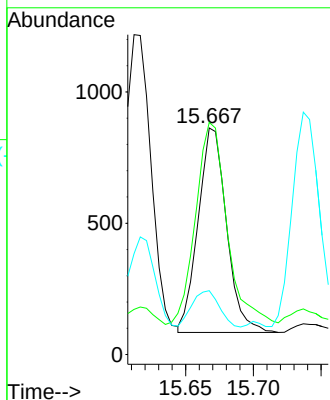
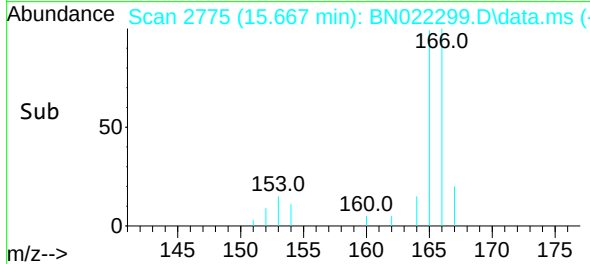
Instrument :
BNA_N
ClientSampleId :
C0BQ6



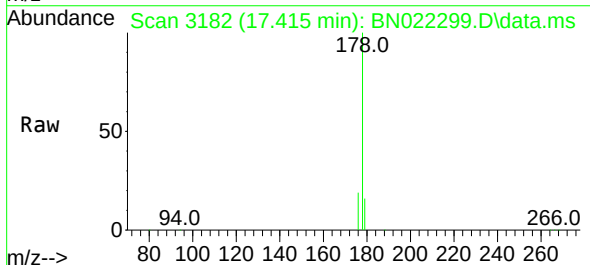
Tgt Ion:166 Resp: 1138
Ion Ratio Lower Upper
166 100
165 102.4 78.2 117.2
167 28.2 11.0 16.4

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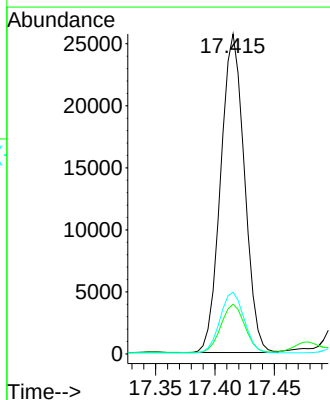
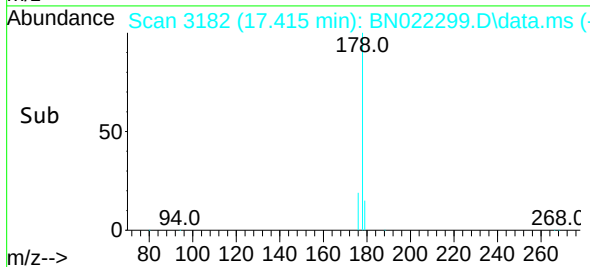
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

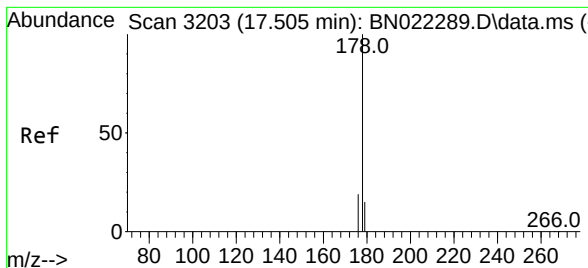


#15
Phenanthrene
Concen: 0.673 ng/u1
RT: 17.415 min Scan# 3182
Delta R.T. -0.001 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15



Tgt Ion:178 Resp: 35769
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.3 15.4 23.2





#16

Anthracene

Concen: 0.115 ng/ul

RT: 17.508 min Scan# 31

Delta R.T. -0.001 min

Lab File: BN022299.D

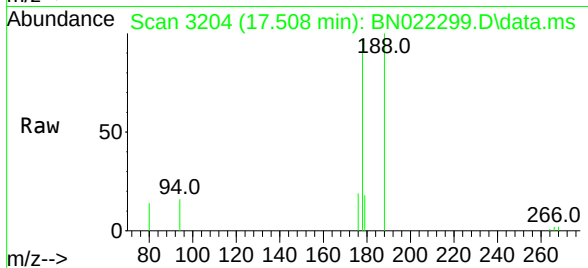
Acq: 24 Oct 2022 15:15

Instrument :

BNA_N

ClientSampleId :

C0BQ6



Tgt Ion:178 Resp: 514

Ion Ratio Lower Upper

178 100

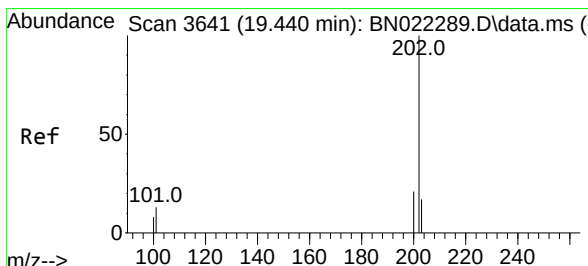
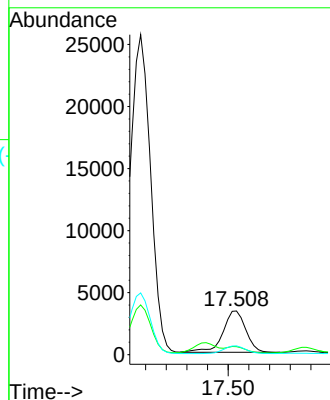
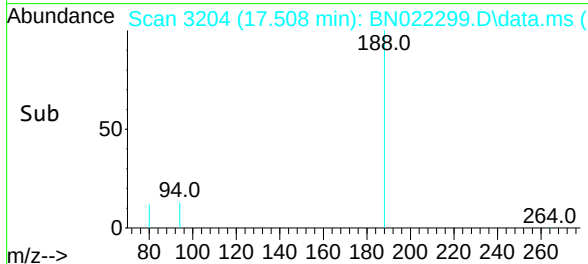
179 18.3 12.6 18.8

176 20.0 15.0 22.6

Manual Integrations

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#19

Fluoranthene

Concen: 1.500 ng/ul

RT: 19.439 min Scan# 3641

Delta R.T. -0.001 min

Lab File: BN022299.D

Acq: 24 Oct 2022 15:15

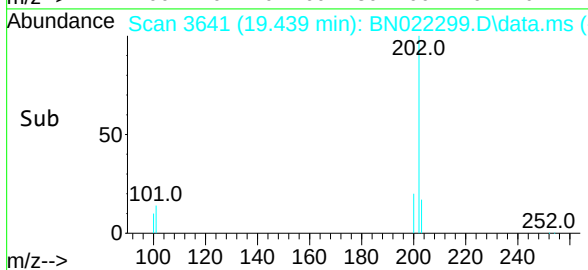
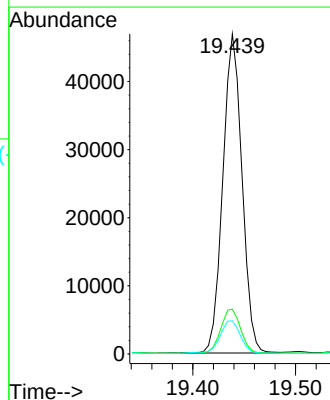
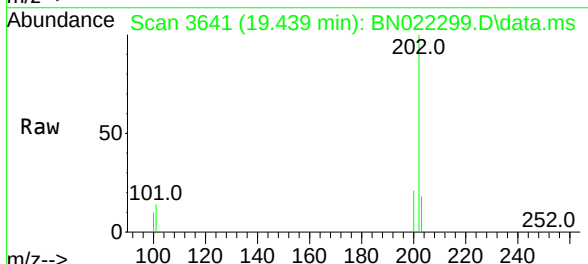
Tgt Ion:202 Resp: 60766

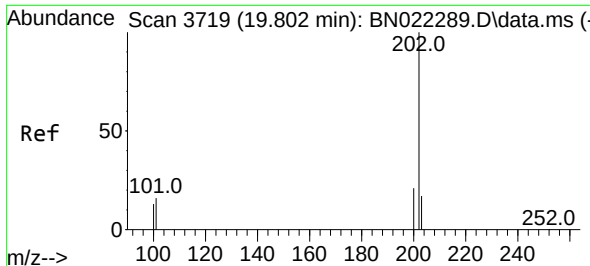
Ion Ratio Lower Upper

202 100

101 14.0 11.8 17.6

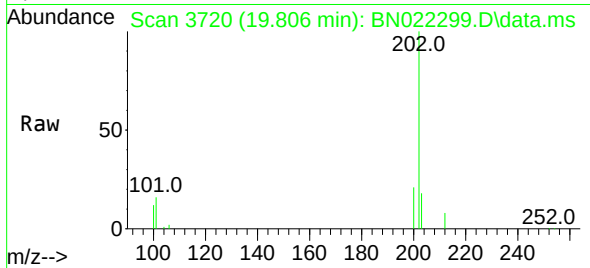
100 10.3 8.7 13.1





#20
Pyrene
Concen: 1.211 ng/ul
RT: 19.806 min Scan# 3719
Delta R.T. 0.003 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

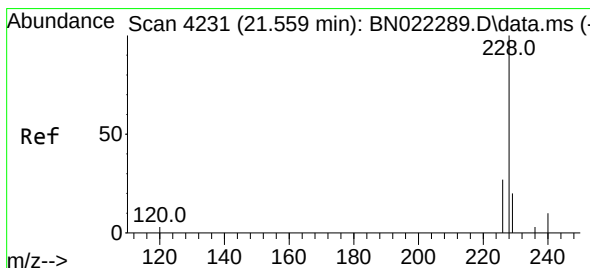
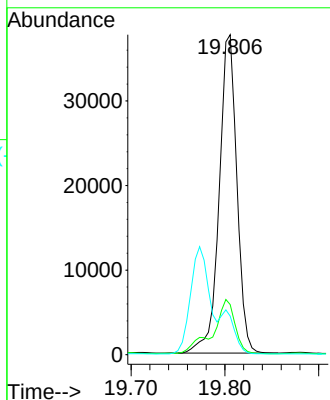
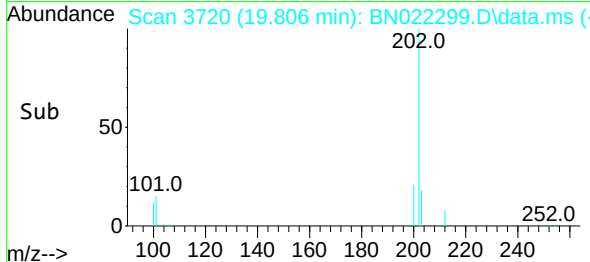
Instrument :
BNA_N
ClientSampleId :
C0BQ6



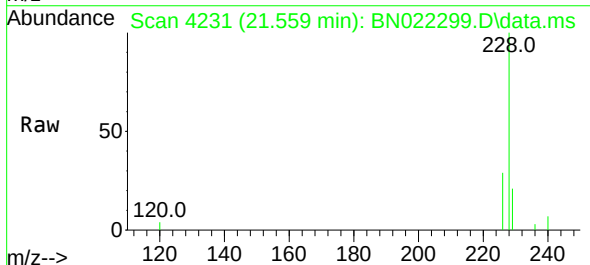
Tgt Ion:202 Resp: 49270
Ion Ratio Lower Upper
202 100
101 15.6 13.1 19.7
100 12.1 10.6 16.0

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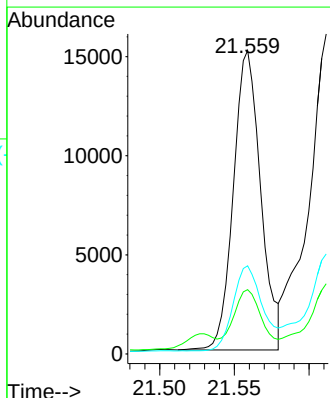
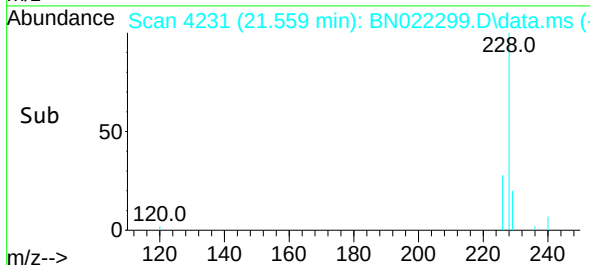
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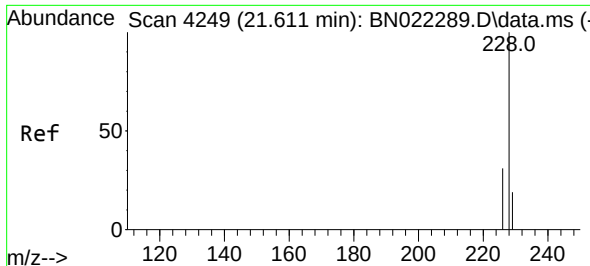


#21
Benzo(a)anthracene
Concen: 0.580 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. 0.000 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15



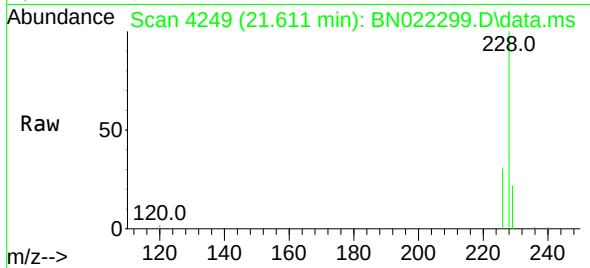
Tgt Ion:228 Resp: 19209
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.1 21.5 32.3





#22
Chrysene
Concen: 0.694 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. 0.000 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

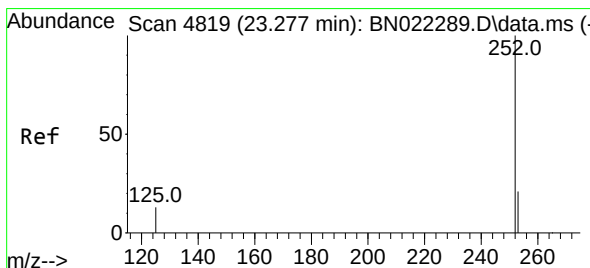
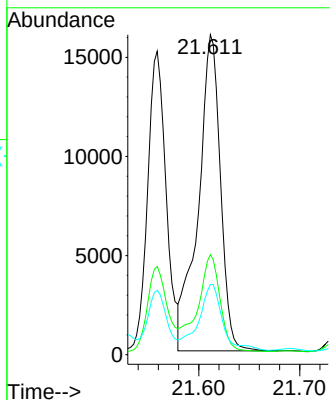
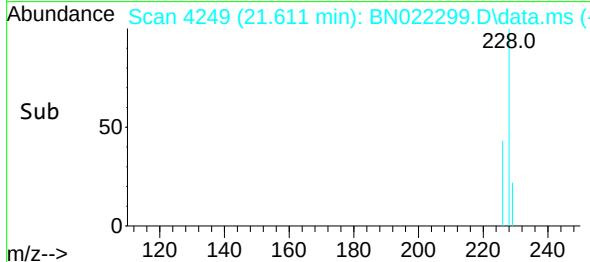
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ClientSampleId :
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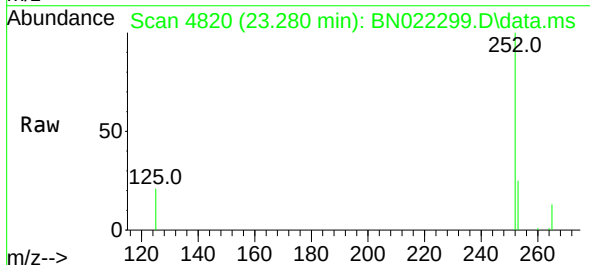
Tgt Ion:228 Resp: 24368
Ion Ratio Lower Upper
228 100
226 31.3 23.9 35.9
229 21.9 15.9 23.9

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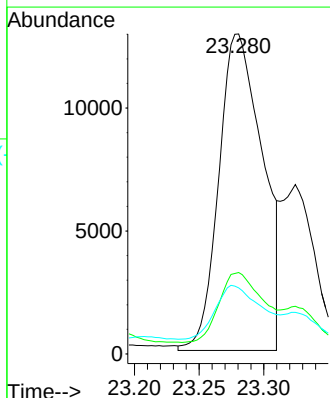
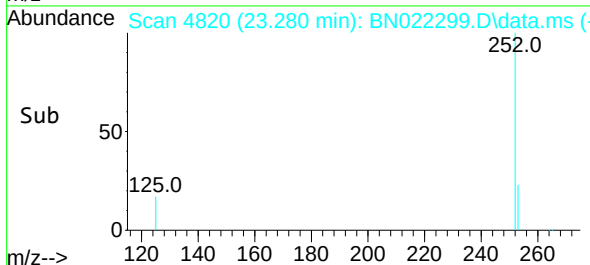
Reviewed By :Jagrut Upadhyay 10/25/2022
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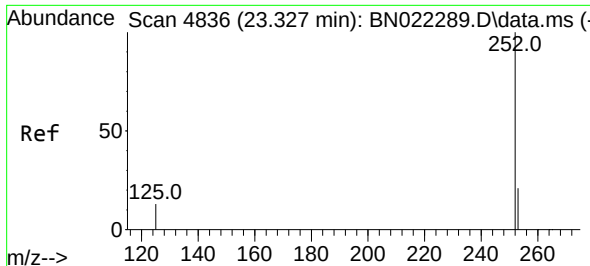


#24
Benzo(b)fluoranthene
Concen: 0.803 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15



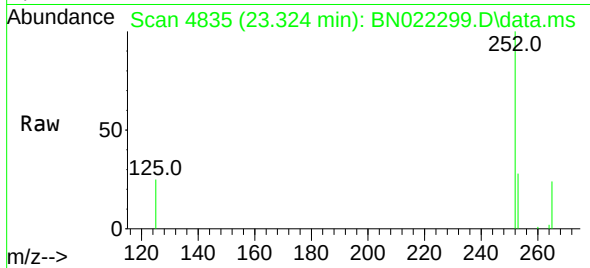
Tgt Ion:252 Resp: 30215
Ion Ratio Lower Upper
252 100
253 25.5 0.0 49.0
125 20.6 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul m
RT: 23.324 min Scan# 4836
Delta R.T. -0.003 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

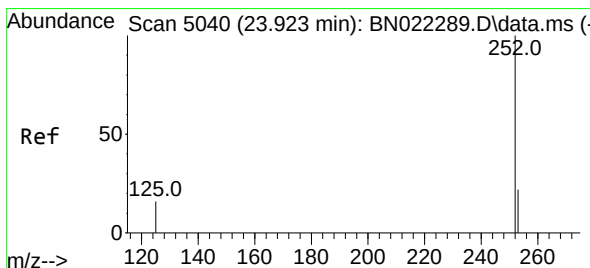
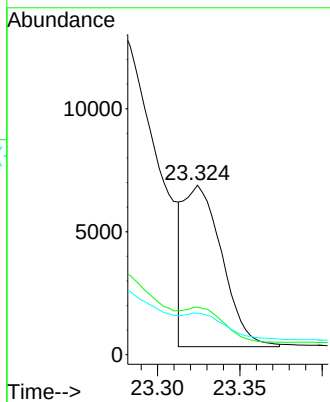
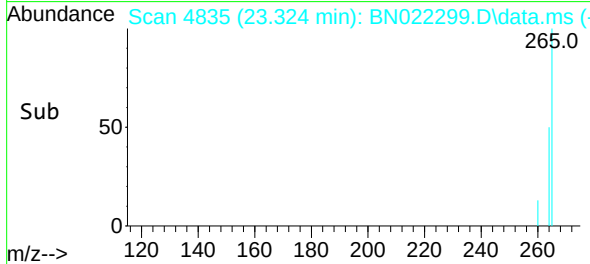
Instrument :
BNA_N
ClientSampleId :
C0BQ6



Tgt Ion:252 Resp: 1060
Ion Ratio Lower Upper
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253 28.1 19.7 29.5
125 24.6 14.0 21.0

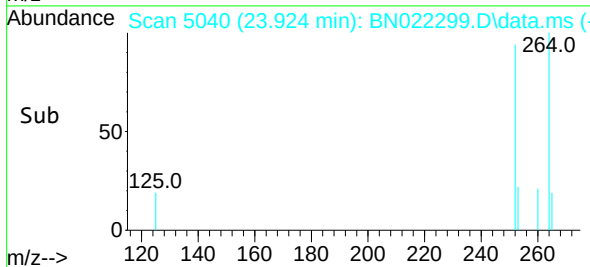
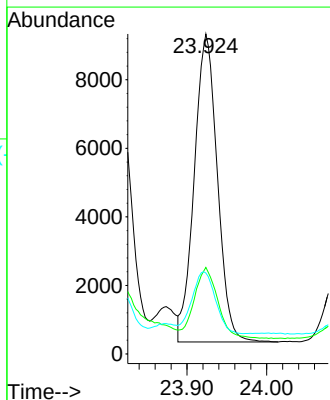
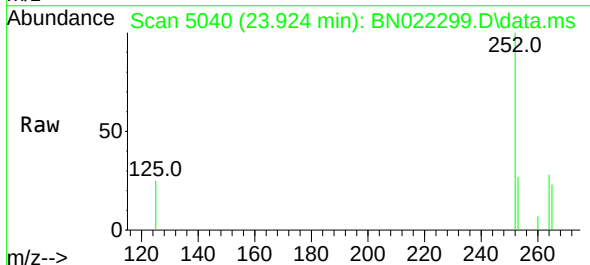
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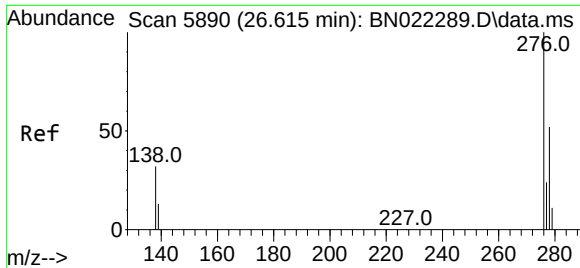
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 0.601 ng/ul
RT: 23.924 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

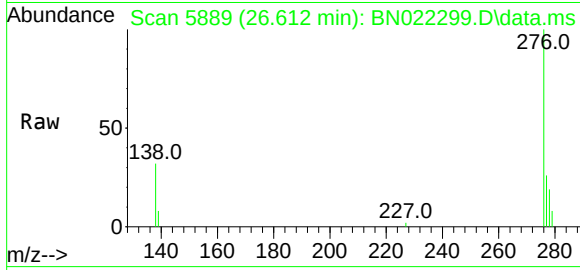
Tgt Ion:252 Resp: 18040
Ion Ratio Lower Upper
252 100
253 27.1 21.0 31.6
125 25.3 17.9 26.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

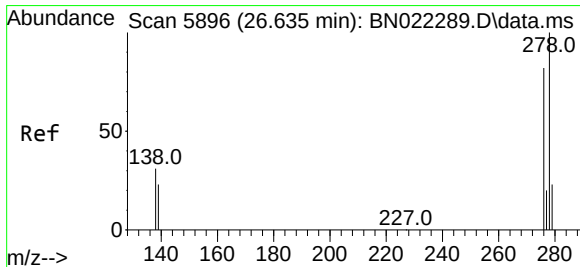
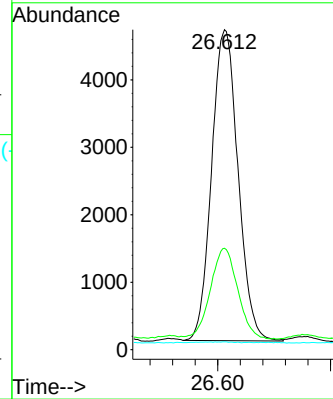
Instrument :
BNA_N
ClientSampleId :
C0BQ6



Tgt Ion:276 Resp: 1498
Ion Ratio Lower Upper
276 100
138 30.1 27.7 41.5
227 0.1 0.2 0.2

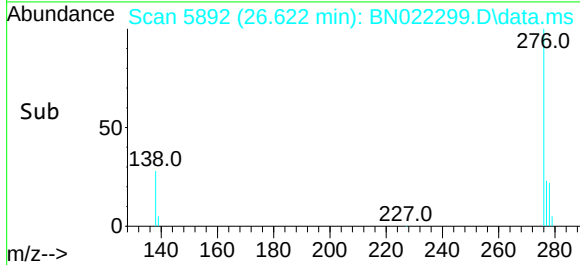
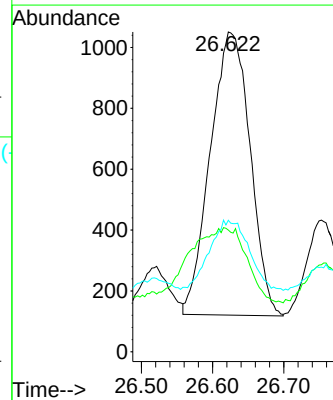
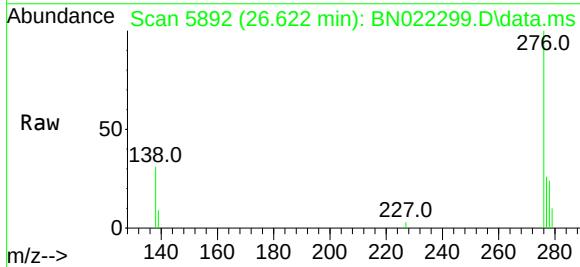
Manual Integrations
APPROVED

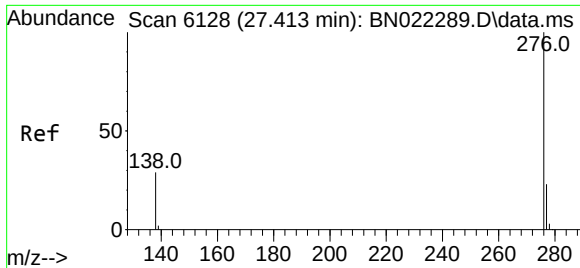
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.016 min
Lab File: BN022299.D
Acq: 24 Oct 2022 15:15

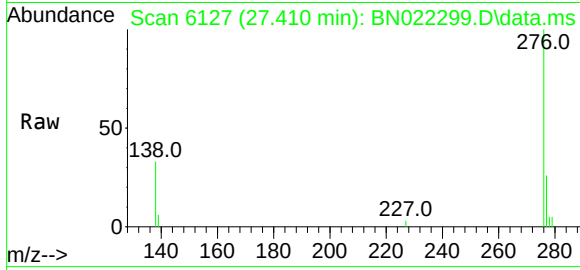
Tgt Ion:278 Resp: 3613
Ion Ratio Lower Upper
278 100
139 38.1 19.6 29.4#
279 41.1 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.402 ng/ul
 RT: 27.410 min Scan# 6127
 Delta R.T. 0.000 min
 Lab File: BN022299.D
 Acq: 24 Oct 2022 15:15

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ6



Tgt Ion:276 Resp: 12210
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.2 37.8
 277 26.3 19.9 29.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

