

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022301.D
 Acq On : 24 Oct 2022 16:30
 Operator : CG/JU
 Sample : N5070-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ9

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 04:27:04 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	3898	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14035	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7999	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	16401	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9646	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	7492	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	16798	3.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	4514	0.213	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	10389	0.321	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.822	128	1274	0.031	ng/ul#	84
7) 2-Methylnaphthalene	12.439	142	802	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	652	0.024	ng/ul	97
10) Acenaphthylene	14.336	152	1629	0.045	ng/ul#	85
12) Fluorene	15.669	166	941	0.027	ng/ul#	95
15) Phenanthrene	17.412	178	23472	0.426	ng/ul	99
16) Anthracene	17.505	178	6026	0.130	ng/ul	97
19) Fluoranthene	19.440	202	92162	2.086	ng/ul	98
20) Pyrene	19.802	202	72076	1.624	ng/ul	100
21) Benzo(a)anthracene	21.559	228	32020	0.886	ng/ul	99
22) Chrysene	21.611	228	34159	0.892	ng/ul	98
24) Benzo(b)fluoranthene	23.280	252	43537m	1.157	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	15574m	0.426	ng/ul	
26) Benzo(a)pyrene	23.920	252	27141	0.905	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.612	276	21207	0.569	ng/ul	91
28) Dibenzo(a,h)anthracene	26.632	278	4475	0.150	ng/ul#	81
29) Benzo(g,h,i)perylene	27.410	276	17648	0.581	ng/ul	99

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

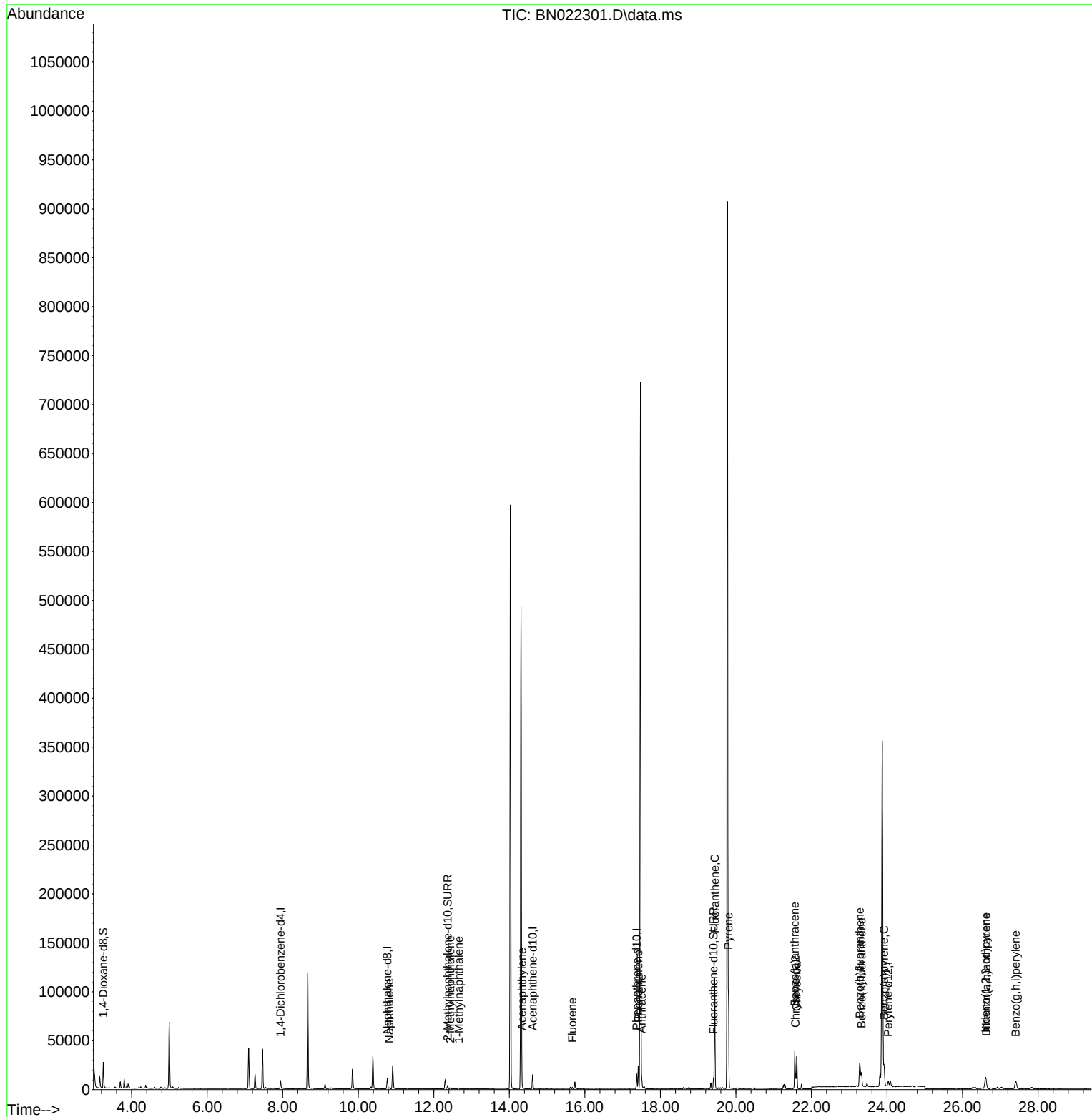
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022301.D
Acq On : 24 Oct 2022 16:30
Operator : CG/JU
Sample : N5070-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

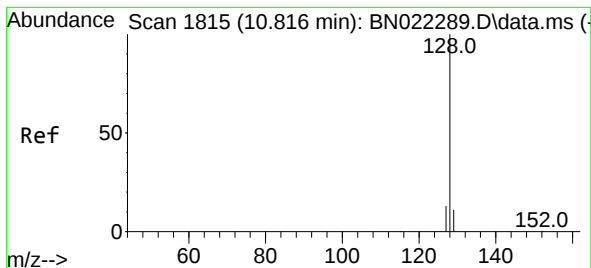
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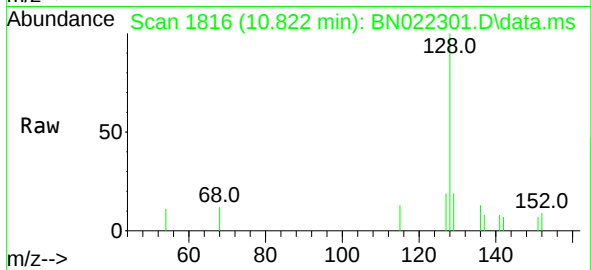
Quant Time: Oct 25 04:27:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.822 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

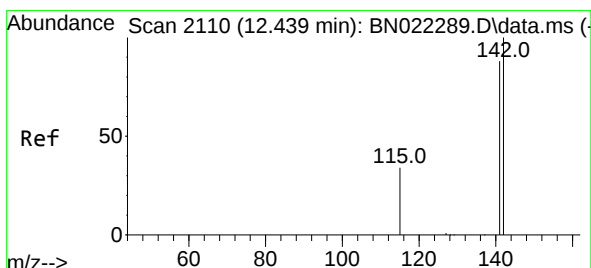
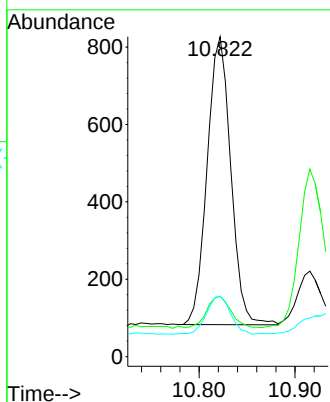
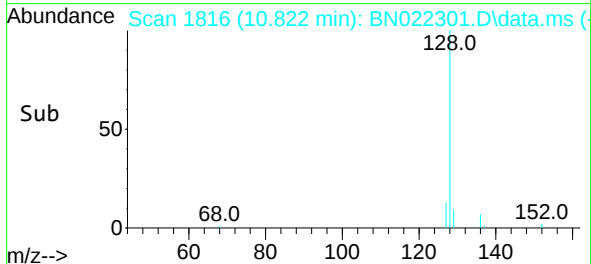
Instrument :
BNA_N
ClientSampleId :
C0BQ9



Tgt Ion:128 Resp: 1274
Ion Ratio Lower Upper
128 100
129 18.9 9.3 13.9
127 18.9 10.7 16.1

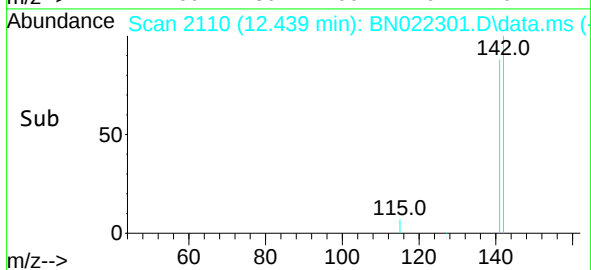
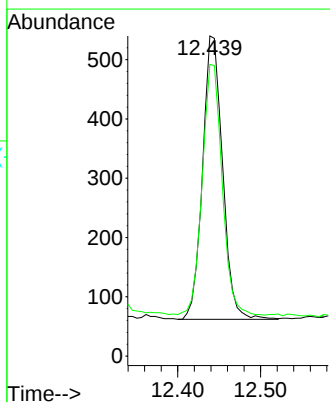
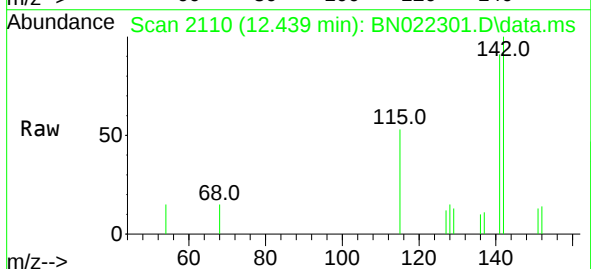
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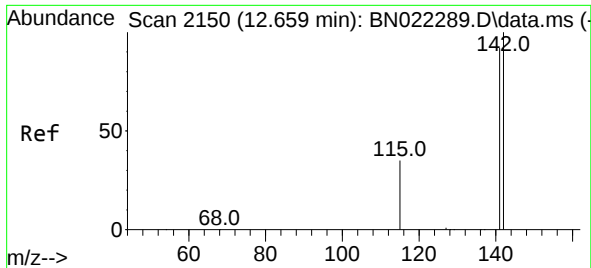
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.439 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

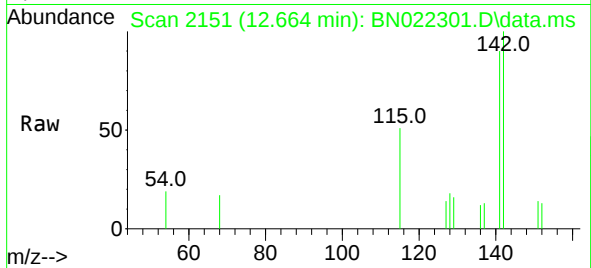
Tgt Ion:142 Resp: 802
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

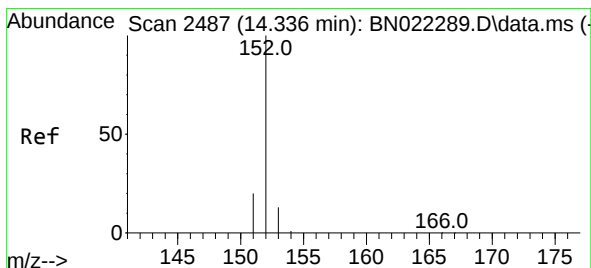
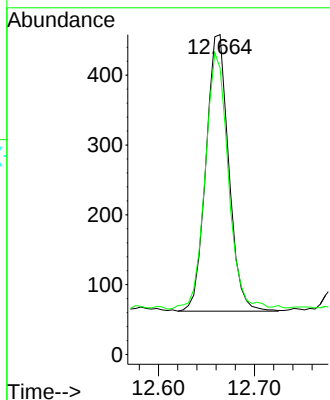
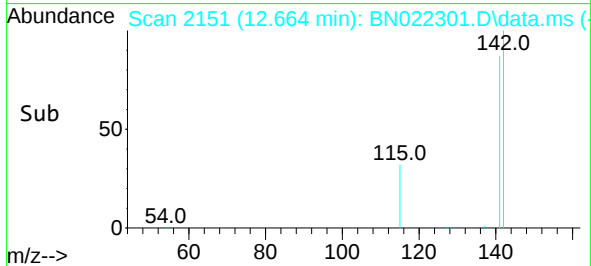
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 652
Ion Ratio Lower Upper
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141 94.5 73.3 109.9

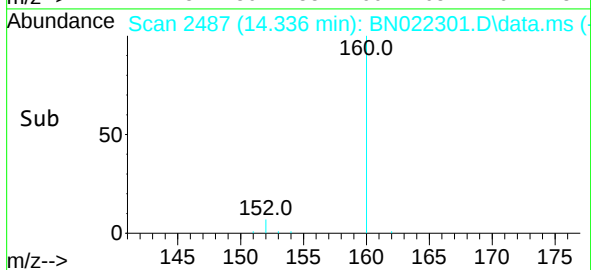
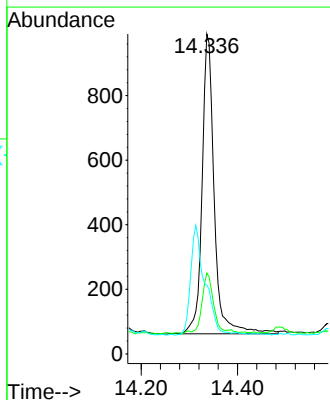
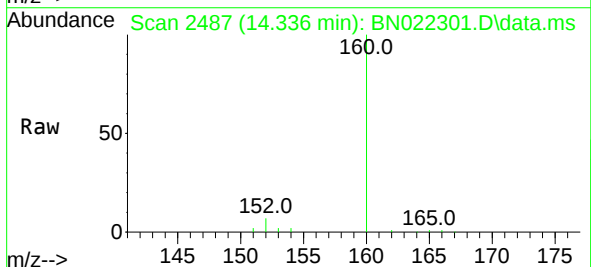
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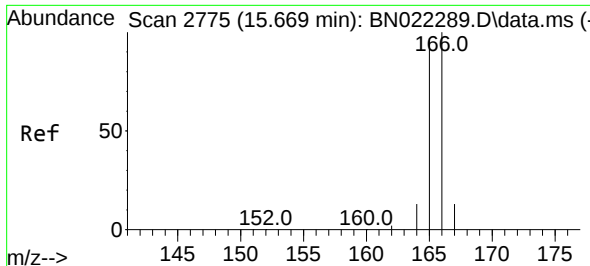
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

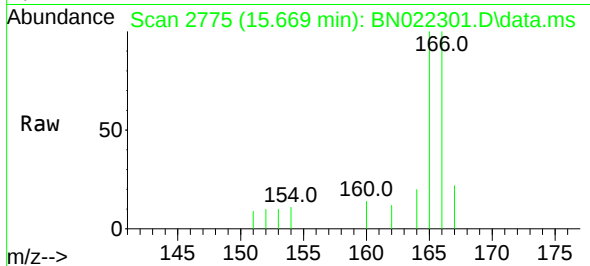
Tgt Ion:152 Resp: 1629
Ion Ratio Lower Upper
152 100
151 25.2 15.9 23.9#
153 21.5 10.8 16.2#





#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.669 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

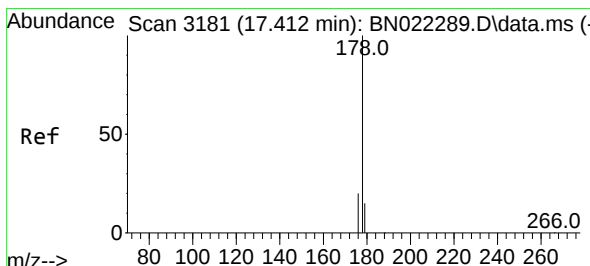
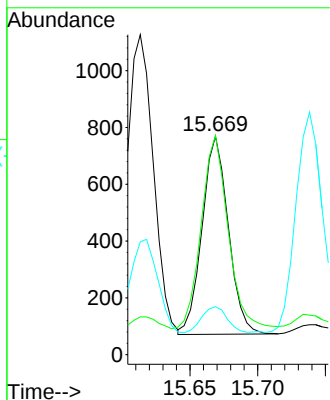
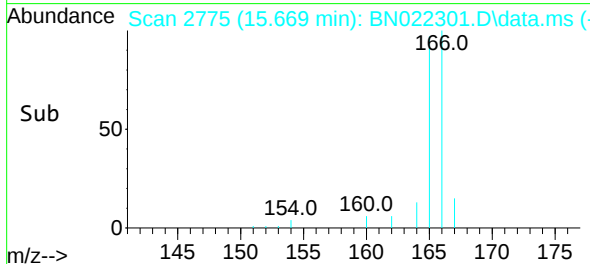
Instrument :
BNA_N
ClientSampleId :
C0BQ9



Tgt Ion:166 Resp: 94
Ion Ratio Lower Upper
166 100
165 100.4 78.2 117.2
167 22.0 11.0 16.4

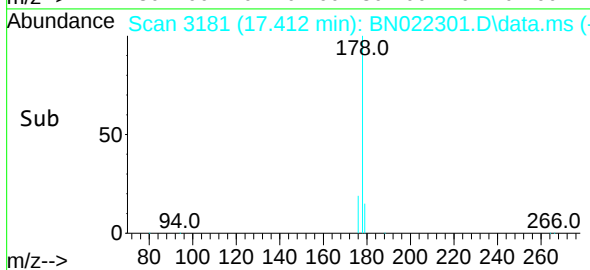
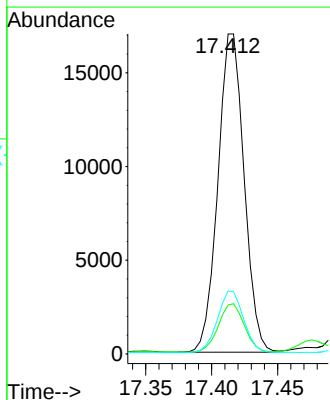
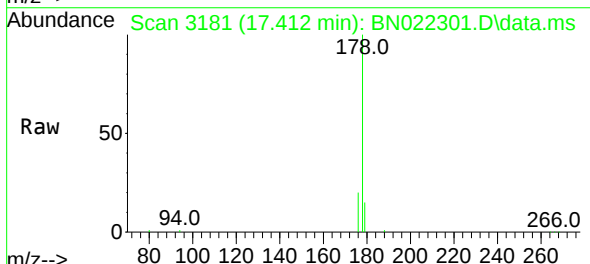
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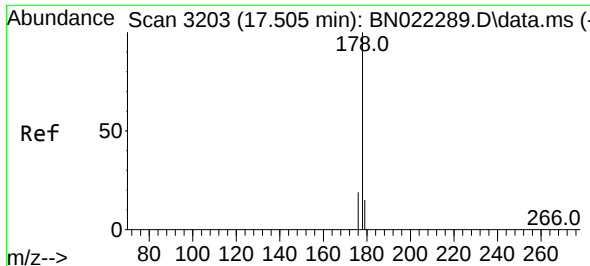
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#15
Phenanthrene
Concen: 0.426 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

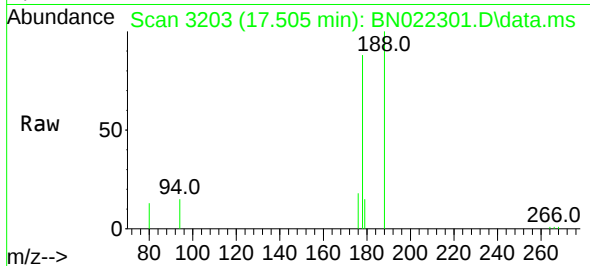
Tgt Ion:178 Resp: 23472
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.7 15.4 23.2





#16
 Anthracene
 Concen: 0.130 ng/ul
 RT: 17.505 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN022301.D
 Acq: 24 Oct 2022 16:30

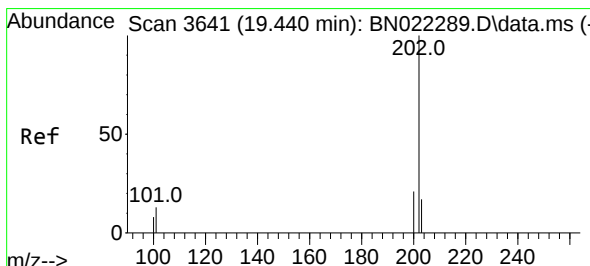
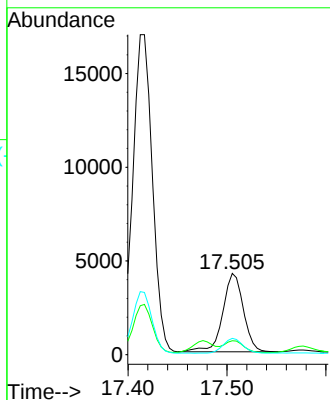
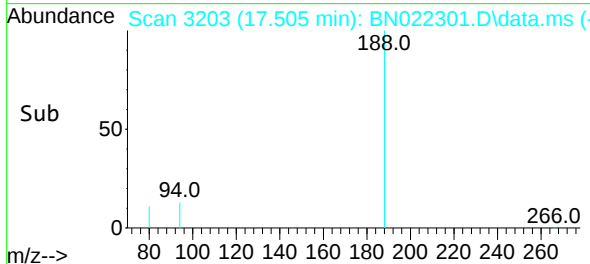
Instrument :
 BNA_N
 ClientSampleId :
 C0BQ9



Tgt Ion:178 Resp: 6020
 Ion Ratio Lower Upper
 178 100
 179 17.2 12.6 18.8
 176 20.1 15.0 22.6

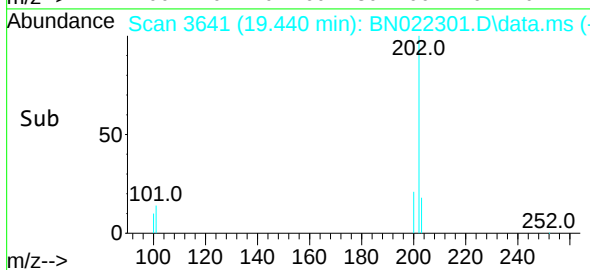
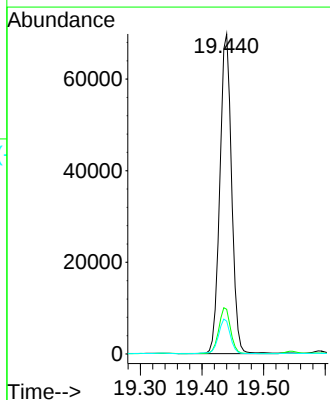
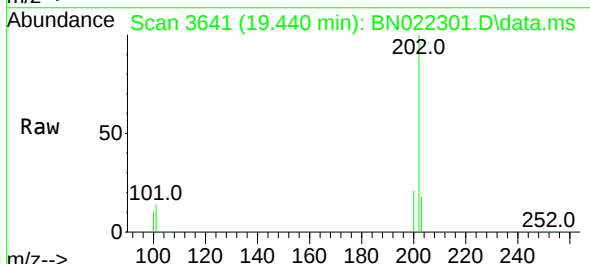
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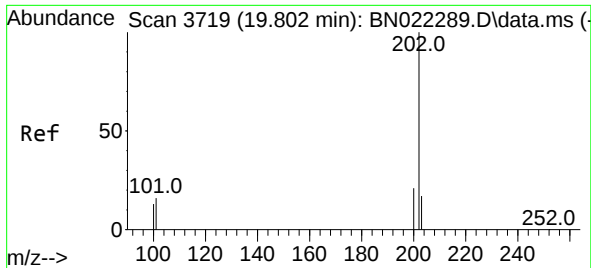
Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 2.086 ng/ul
 RT: 19.440 min Scan# 3641
 Delta R.T. 0.000 min
 Lab File: BN022301.D
 Acq: 24 Oct 2022 16:30

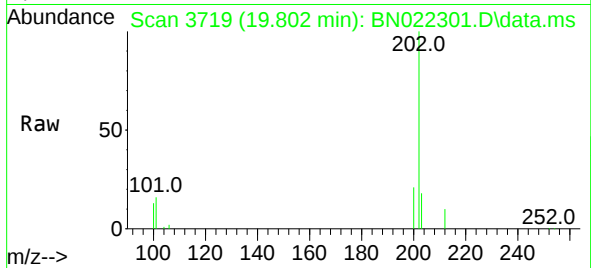
Tgt Ion:202 Resp: 92162
 Ion Ratio Lower Upper
 202 100
 101 14.0 11.8 17.6
 100 10.2 8.7 13.1





#20
Pyrene
Concen: 1.624 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. 0.000 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

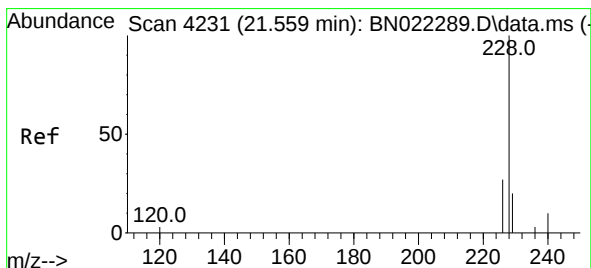
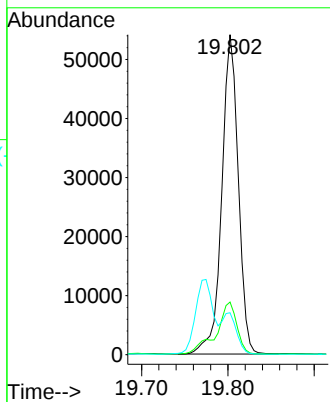
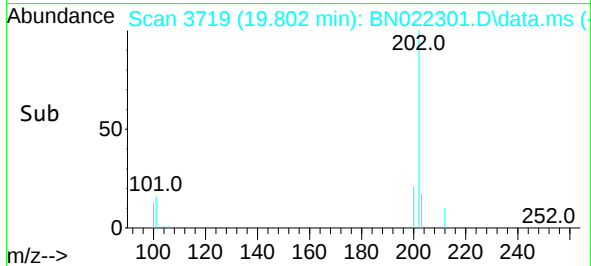
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ClientSampleId :
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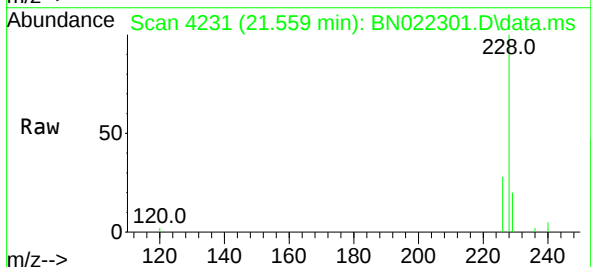
Tgt Ion:202 Resp: 72070
Ion Ratio Lower Upper
202 100
101 16.5 13.1 19.7
100 13.1 10.6 16.0

Manual Integrations
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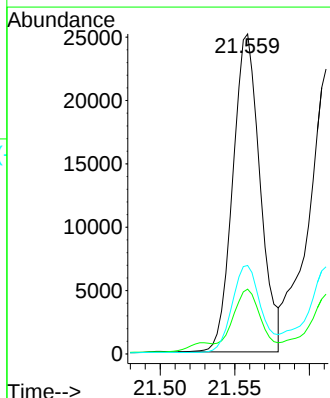
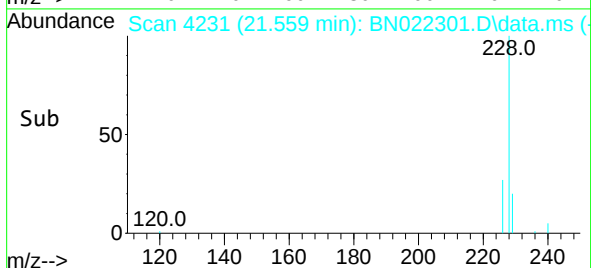
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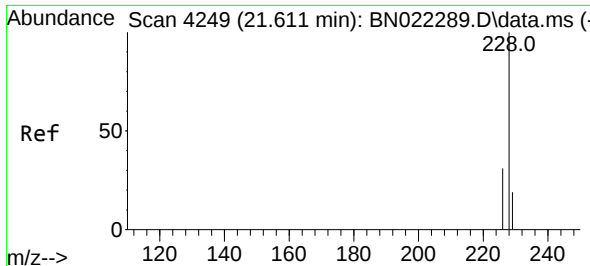


#21
Benzo(a)anthracene
Concen: 0.886 ng/u1
RT: 21.559 min Scan# 4231
Delta R.T. 0.000 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30



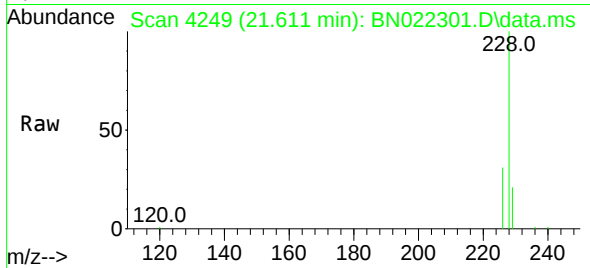
Tgt Ion:228 Resp: 32020
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.6 21.5 32.3





#22
Chrysene
Concen: 0.892 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. 0.000 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

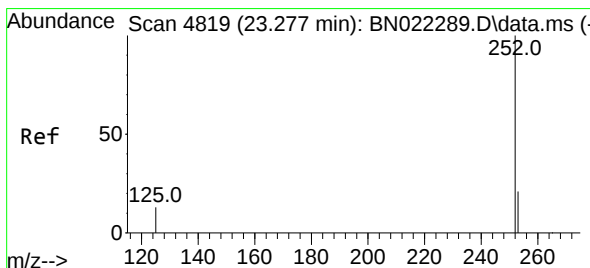
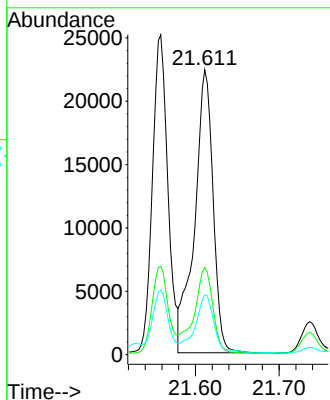
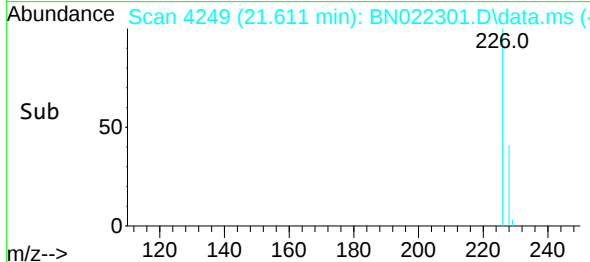
Instrument :
BNA_N
ClientSampleId :
C0BQ9



Tgt Ion:228 Resp: 34159
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 21.0 15.9 23.9

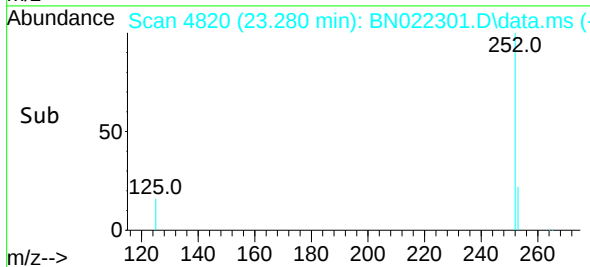
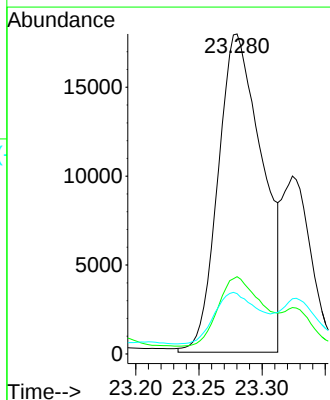
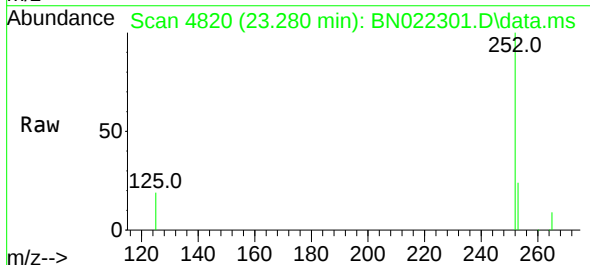
Manual Integrations
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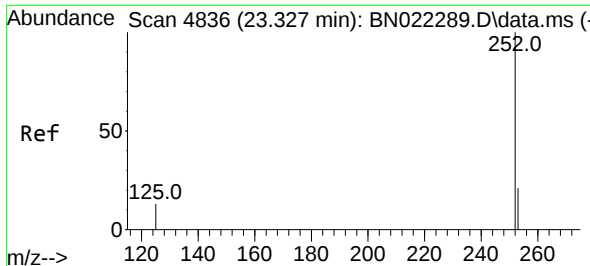
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 1.157 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

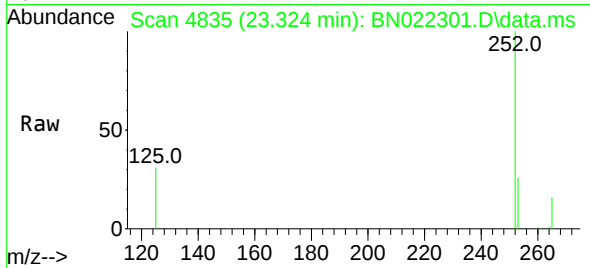
Tgt Ion:252 Resp: 43537
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.0
125 18.9 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul m
RT: 23.324 min Scan# 4836
Delta R.T. -0.003 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

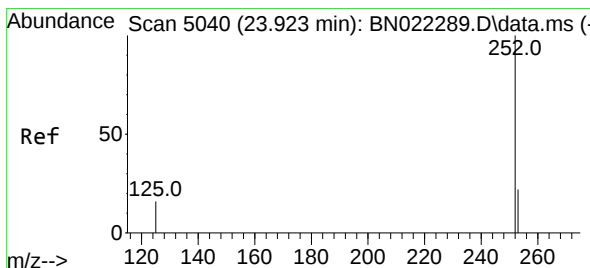
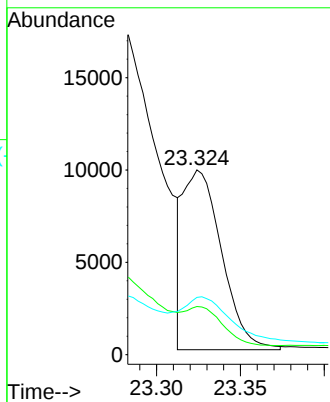
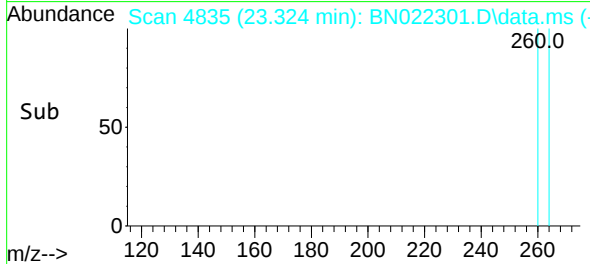
Instrument :
BNA_N
ClientSampleId :
C0BQ9



Tgt Ion:252 Resp: 15574
Ion Ratio Lower Upper
252 100
253 26.1 19.7 29.5
125 31.0 14.0 21.0

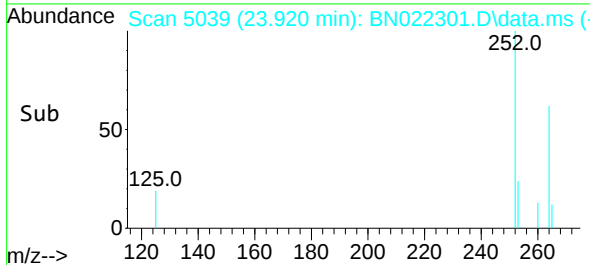
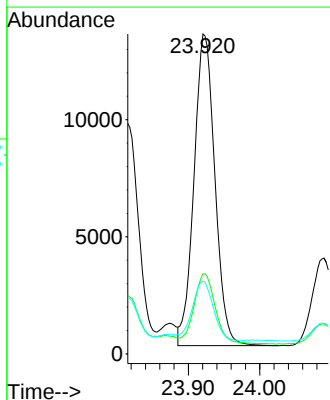
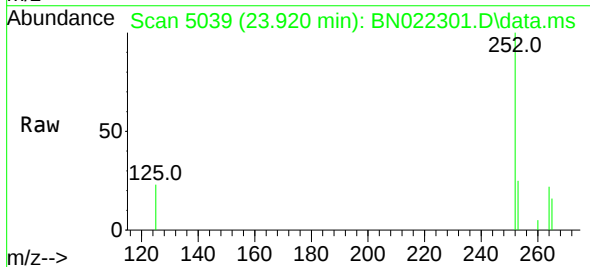
Manual Integrations
APPROVED

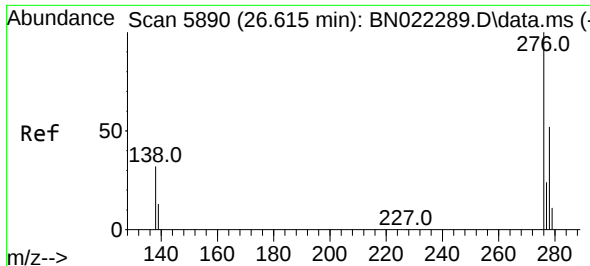
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 0.905 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. 0.000 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

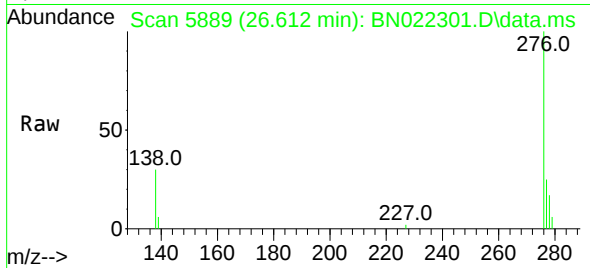
Tgt Ion:252 Resp: 27141
Ion Ratio Lower Upper
252 100
253 25.0 21.0 31.6
125 22.8 17.9 26.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.569 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

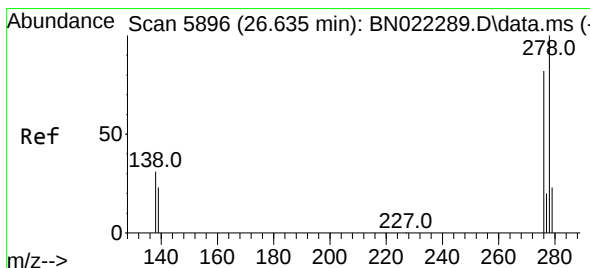
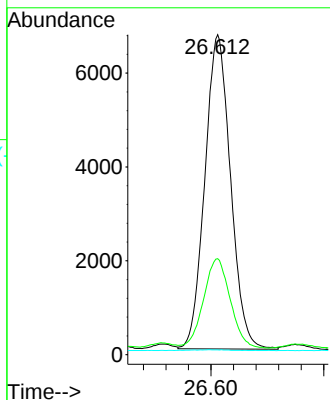
Instrument :
BNA_N
ClientSampleId :
C0BQ9



Tgt Ion: 276 Resp: 2120
Ion Ratio Lower Upper
276 100
138 29.6 27.7 41.5
227 0.2 0.2 0.2

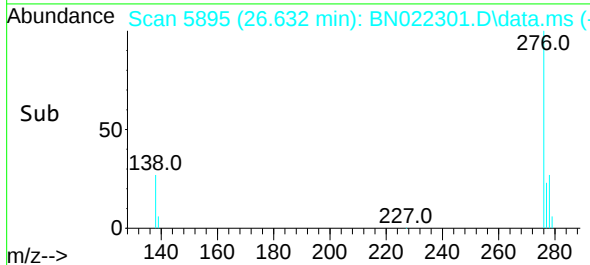
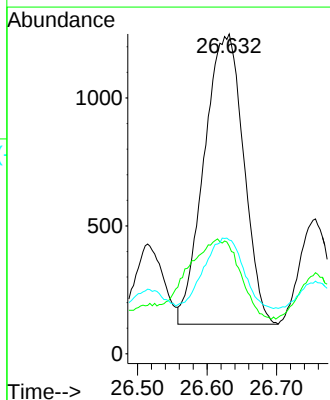
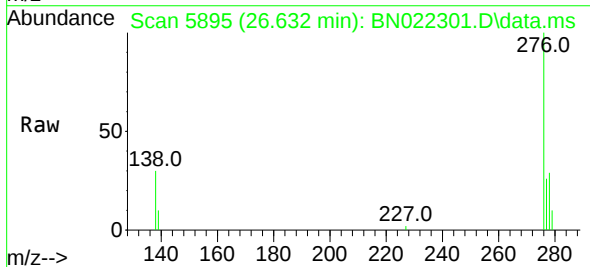
Manual Integrations
APPROVED

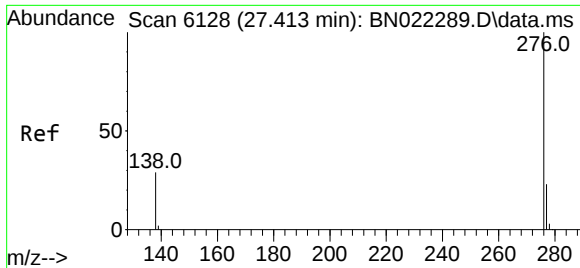
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.150 ng/ul
RT: 26.632 min Scan# 5895
Delta R.T. -0.007 min
Lab File: BN022301.D
Acq: 24 Oct 2022 16:30

Tgt Ion: 278 Resp: 4475
Ion Ratio Lower Upper
278 100
139 33.7 19.6 29.4#
279 35.6 20.6 30.8#





#29

Benzo(g,h,i)perylene

Concen: 0.581 ng/ul

RT: 27.410 min Scan# 61

Delta R.T. 0.000 min

Lab File: BN022301.D

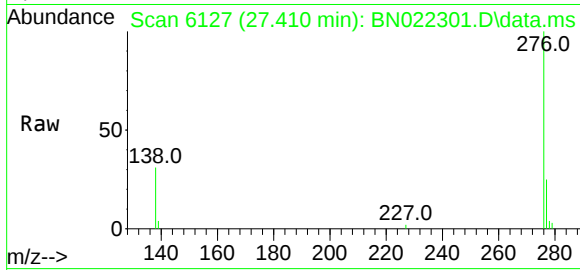
Acq: 24 Oct 2022 16:30

Instrument :

BNA_N

ClientSampleId :

C0BQ9



Tgt Ion:276 Resp: 1764

Ion Ratio Lower Upper

276 100

138 31.0 25.2 37.8

277 24.6 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022

Supervised By :mohammad ahmed 10/27/2022

