

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022297.D
 Acq On : 24 Oct 2022 14:00
 Operator : CG/JU
 Sample : N5070-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BK5

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 04:16:06 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	4184	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15131	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	8845	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	17714	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	10281	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	7788	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	18997	3.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5323	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	10200	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	45596	1.020	ng/ul	99
7) 2-Methylnaphthalene	12.438	142	35717	1.268	ng/ul	99
8) 1-Methylnaphthalene	12.658	142	28641	0.989	ng/ul	100
10) Acenaphthylene	14.341	152	2827	0.071	ng/ul#	70
11) Acenaphthene	14.683	153	924	0.028	ng/ul#	92
12) Fluorene	15.669	166	1174	0.030	ng/ul#	78
15) Phenanthrene	17.416	178	45504	0.765	ng/ul	100
16) Anthracene	17.509	178	4202	0.084	ng/ul#	94
19) Fluoranthene	19.440	202	55380	1.176	ng/ul	98
20) Pyrene	19.802	202	47320	1.000	ng/ul	98
21) Benzo(a)anthracene	21.558	228	22255	0.578	ng/ul	96
22) Chrysene	21.614	228	25827	0.633	ng/ul	96
24) Benzo(b)fluoranthene	23.280	252	31484m	0.805	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	10062m	0.265	ng/ul	
26) Benzo(a)pyrene	23.923	252	19531	0.626	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.618	276	17077	0.441	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.628	278	8852	0.286	ng/ul#	82
29) Benzo(g,h,i)perylene	27.410	276	18740	0.593	ng/ul	98

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

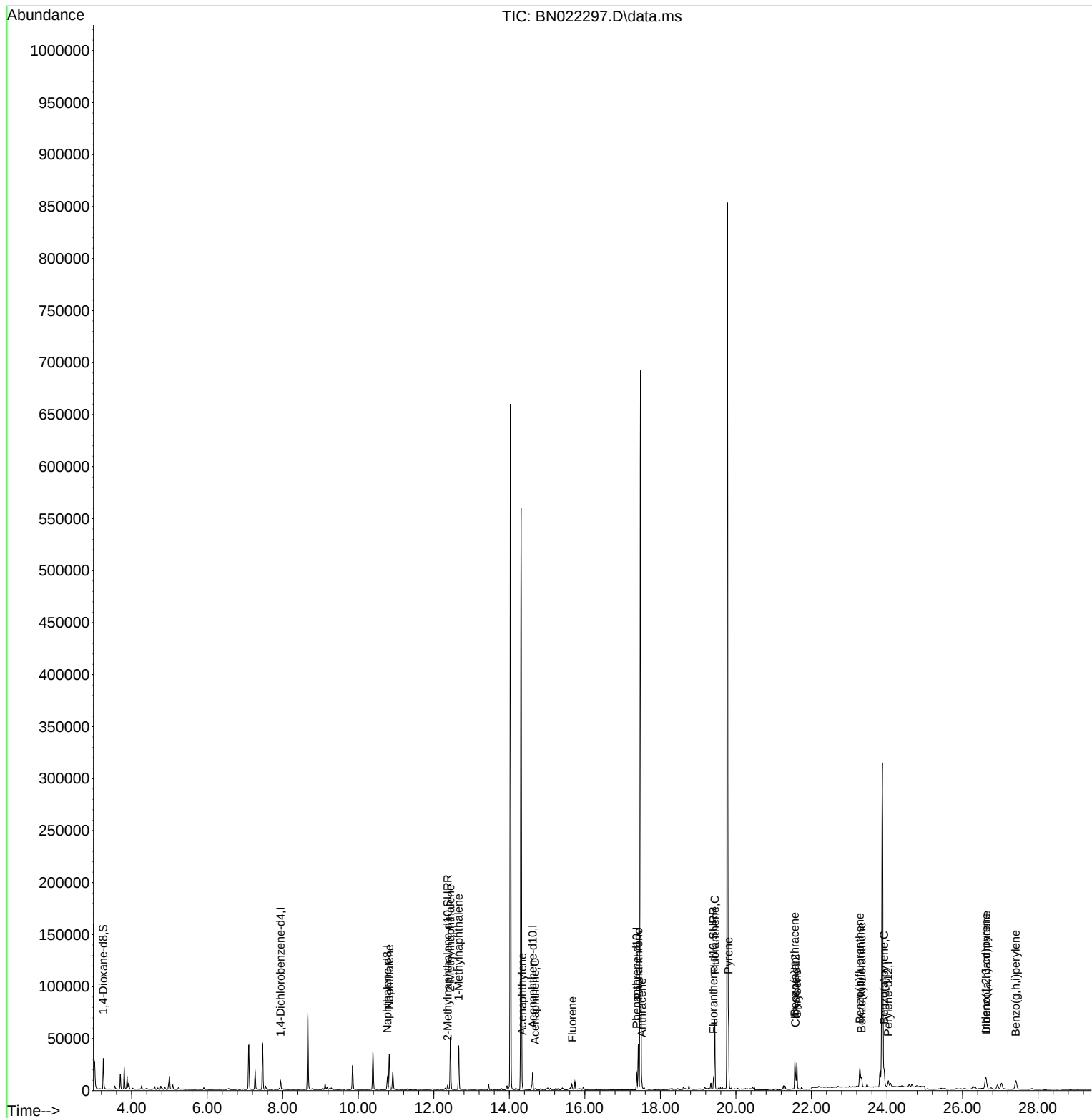
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022297.D
Acq On : 24 Oct 2022 14:00
Operator : CG/JU
Sample : N5070-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

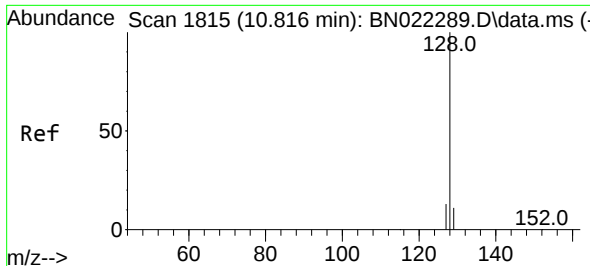
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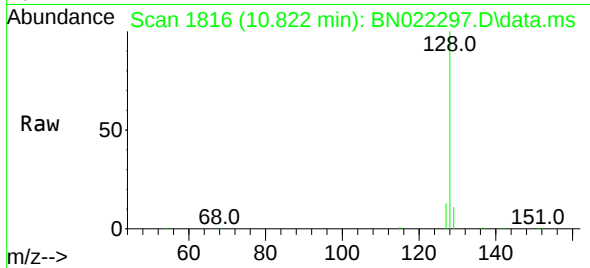
Quant Time: Oct 25 04:16:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.020 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

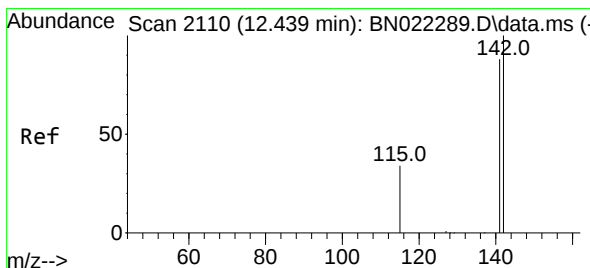
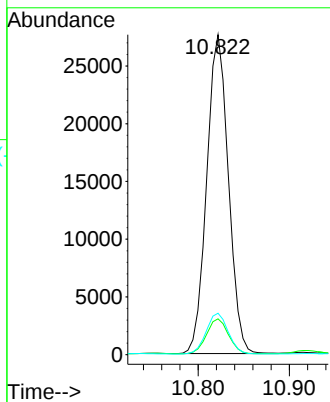
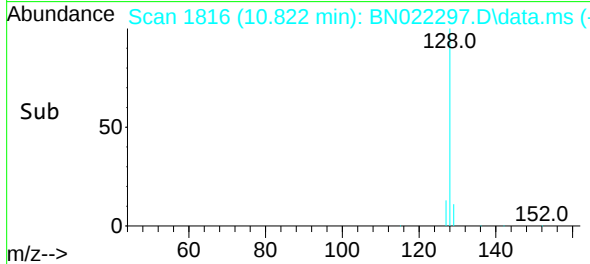
Instrument :
BNA_N
ClientSampleId :
C0BK5



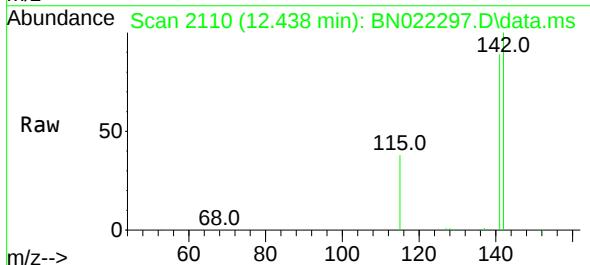
Tgt Ion:128 Resp: 45590
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.0 10.7 16.1

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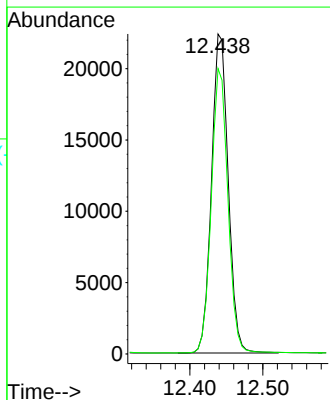
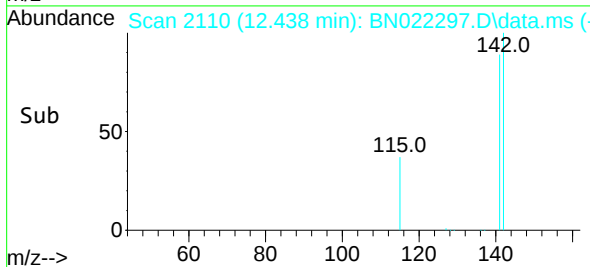
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

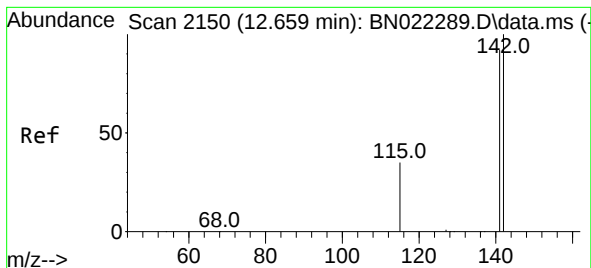


#7
2-Methylnaphthalene
Concen: 1.268 ng/ul
RT: 12.438 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00



Tgt Ion:142 Resp: 35717
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.989 ng/ul

RT: 12.658 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BN022297.D

Acq: 24 Oct 2022 14:00

Instrument :

BNA_N

ClientSampleId :

C0BK5

Tgt Ion:142 Resp: 2864

Ion Ratio Lower Upper

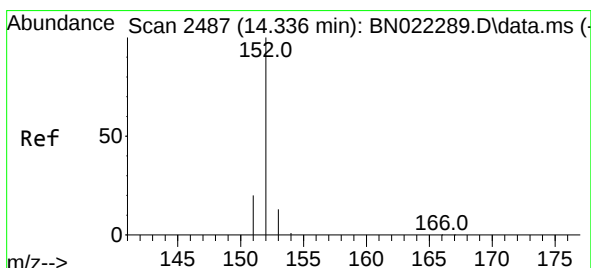
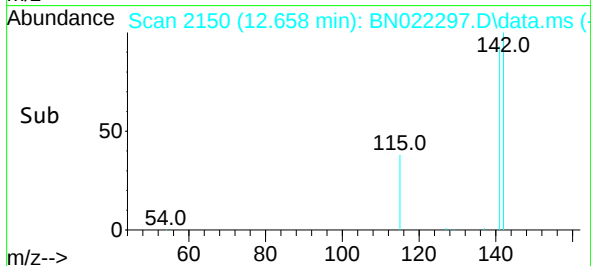
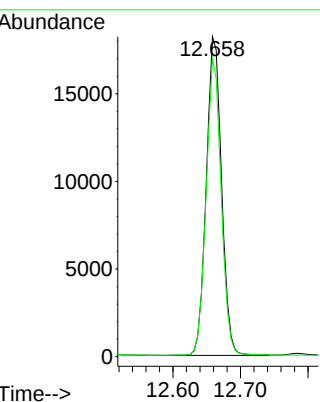
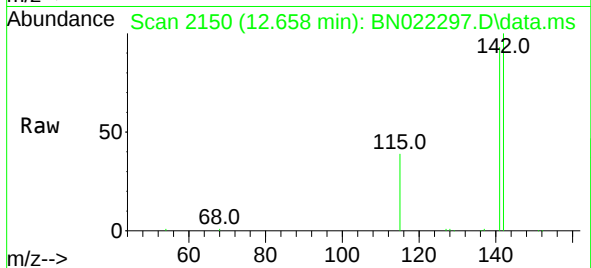
142 100

141 91.8 73.3 109.9

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#10

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.341 min Scan# 2488

Delta R.T. -0.000 min

Lab File: BN022297.D

Acq: 24 Oct 2022 14:00

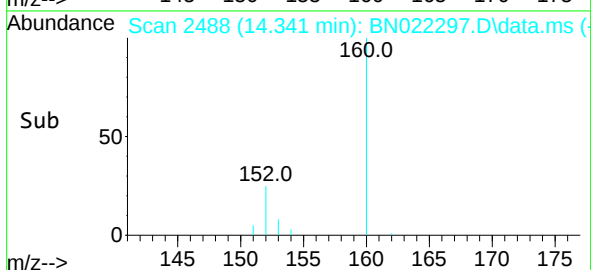
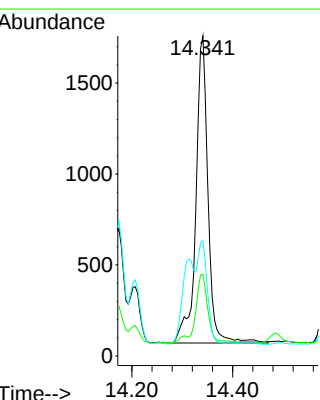
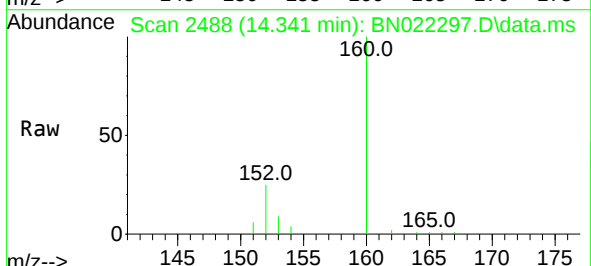
Tgt Ion:152 Resp: 2827

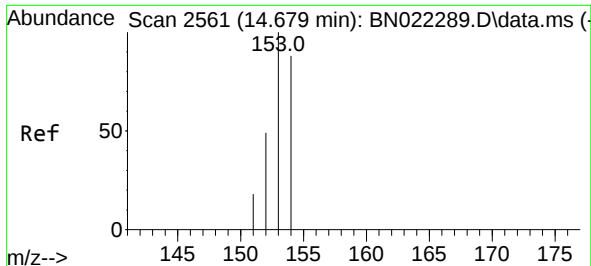
Ion Ratio Lower Upper

152 100

151 25.5 15.9 23.9#

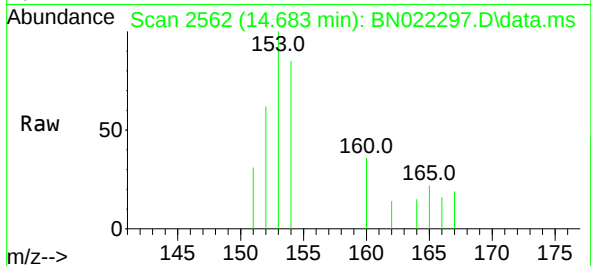
153 36.0 10.8 16.2#





#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.683 min Scan# 2562
Delta R.T. -0.000 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

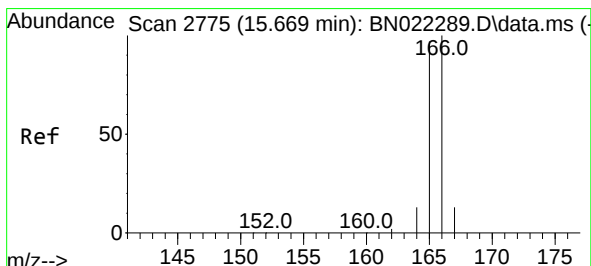
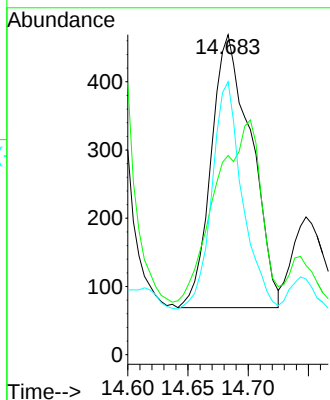
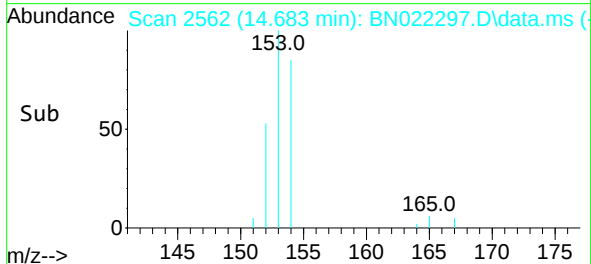
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 924
Ion Ratio Lower Upper
153 100
152 62.3 40.6 61.0
154 85.3 70.6 106.0

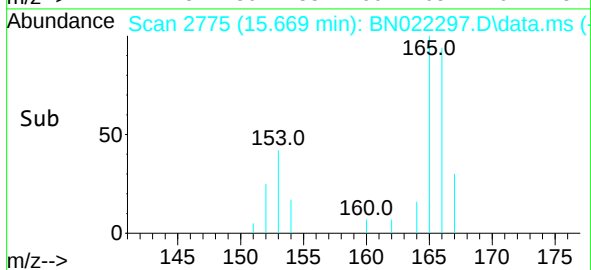
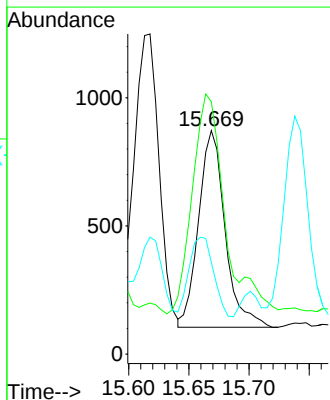
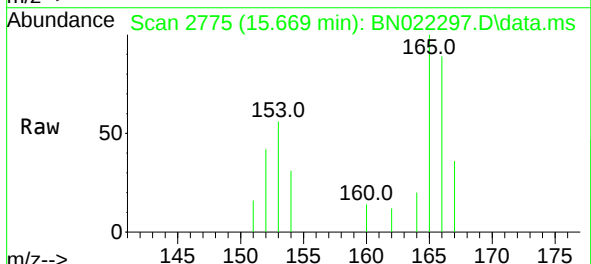
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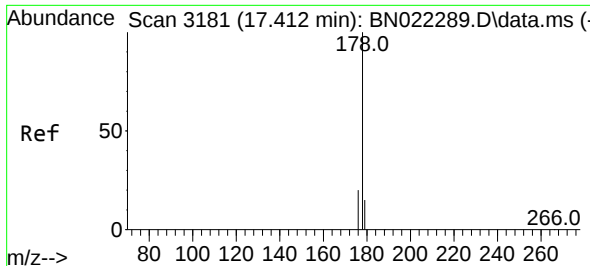
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#12
Fluorene
Concen: 0.030 ng/u1
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

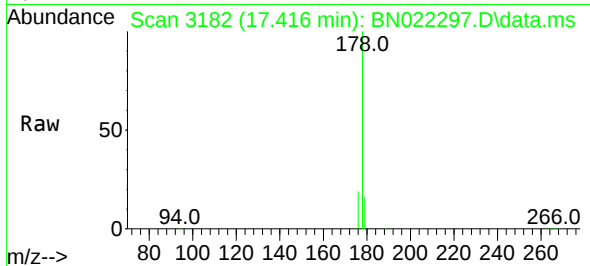
Tgt Ion:166 Resp: 1174
Ion Ratio Lower Upper
166 100
165 113.0 78.2 117.2
167 41.1 11.0 16.4





#15
Phenanthrene
Concen: 0.765 ng/ul
RT: 17.416 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

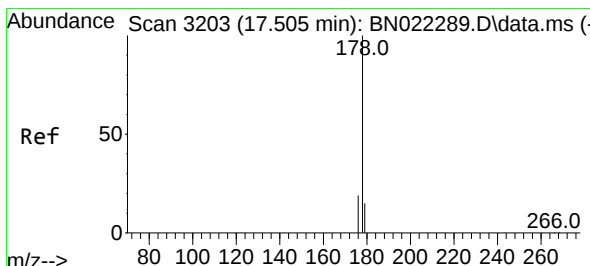
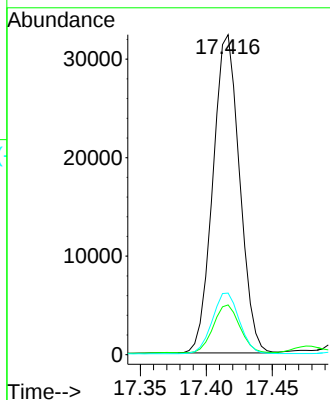
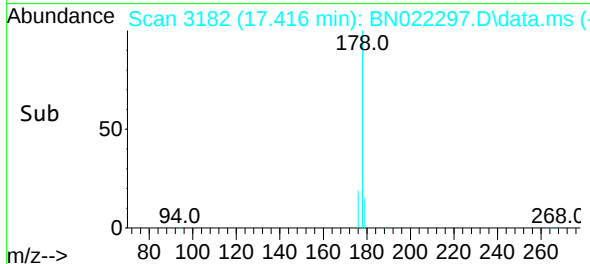
Instrument :
BNA_N
ClientSampleId :
C0BK5



Tgt Ion:178 Resp: 45504
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.3 15.4 23.2

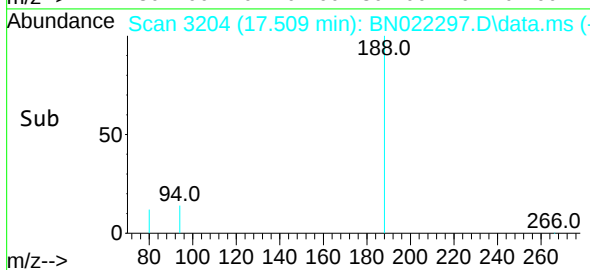
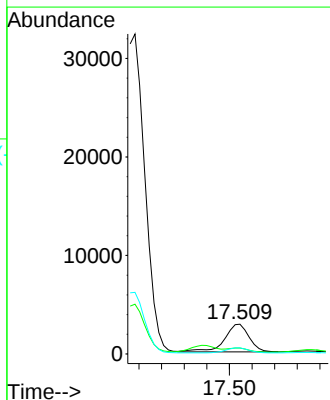
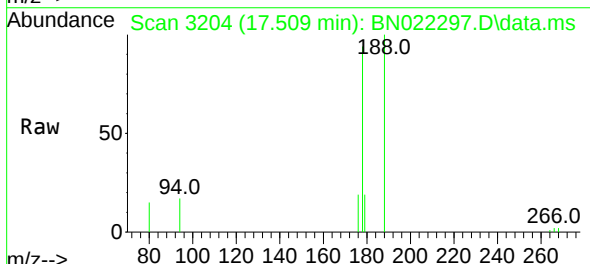
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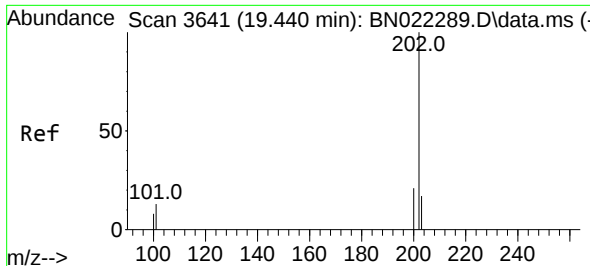
Reviewed By :Jagrut Upadhyay 10/25/2022
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#16
Anthracene
Concen: 0.084 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.000 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

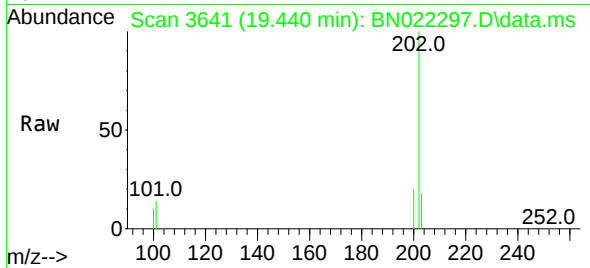
Tgt Ion:178 Resp: 4202
Ion Ratio Lower Upper
178 100
179 19.7 12.6 18.8#
176 20.6 15.0 22.6





#19
Fluoranthene
Concen: 1.176 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

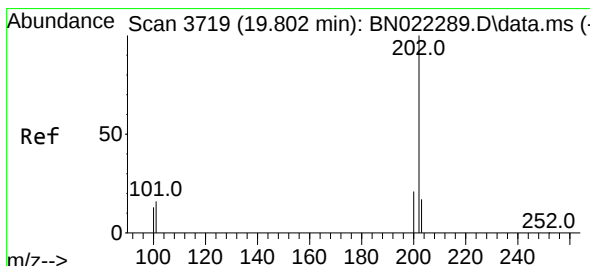
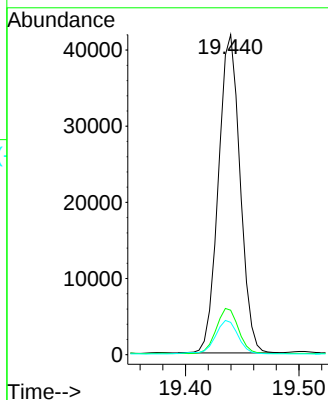
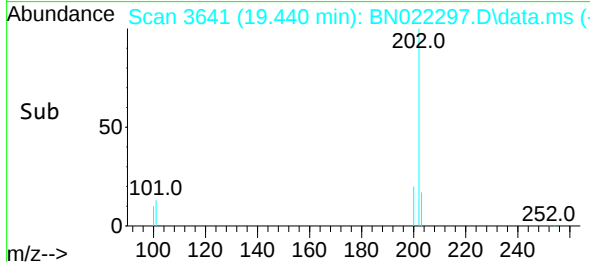
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ClientSampleId :
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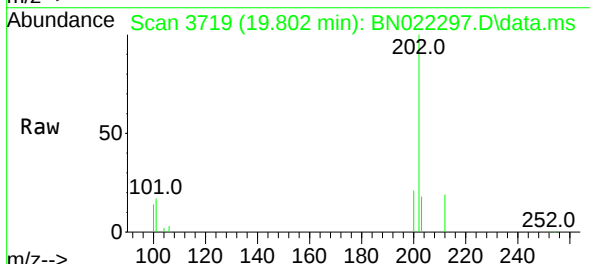
Tgt Ion:202 Resp: 55380
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 10.1 8.7 13.1

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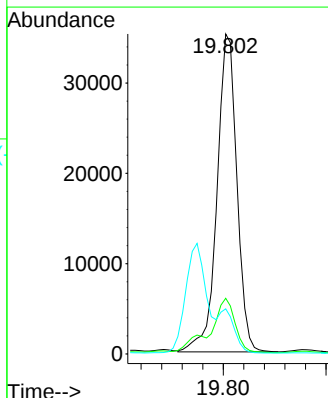
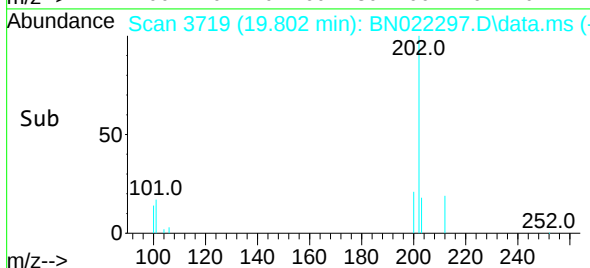
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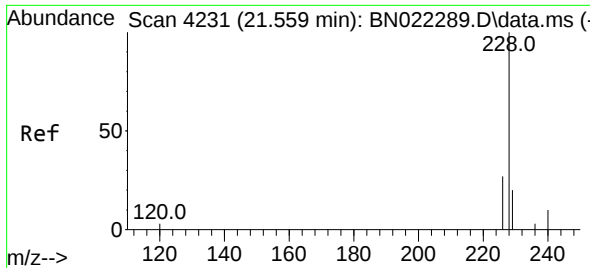


#20
Pyrene
Concen: 1.000 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00



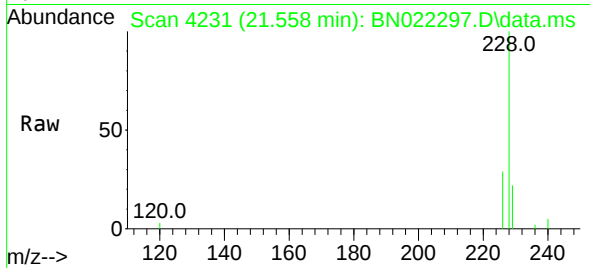
Tgt Ion:202 Resp: 47320
Ion Ratio Lower Upper
202 100
101 17.4 13.1 19.7
100 14.1 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.578 ng/u1
RT: 21.558 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

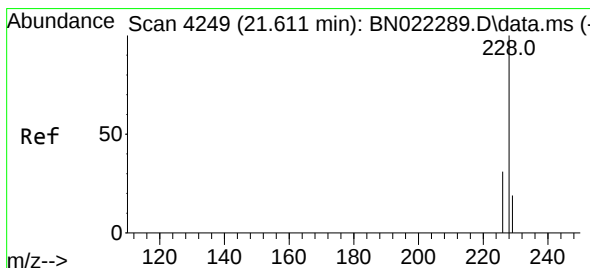
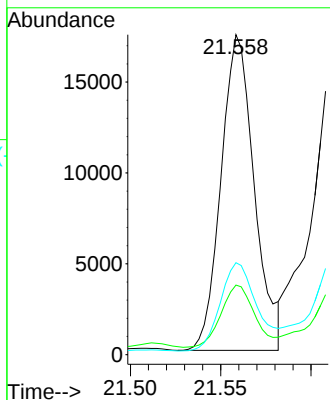
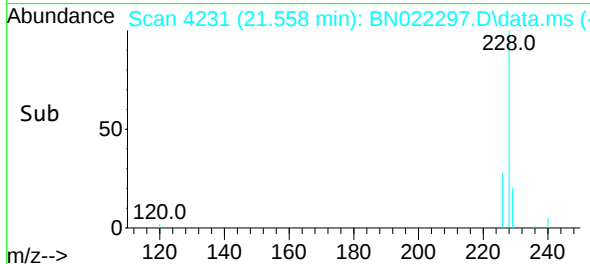
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 2225
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.7 21.5 32.3

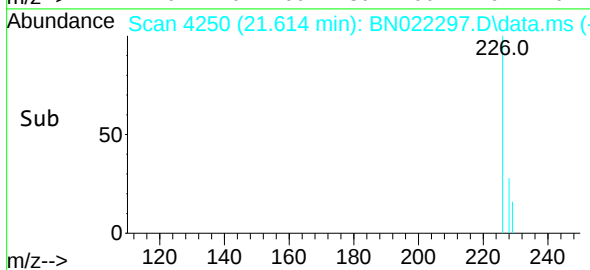
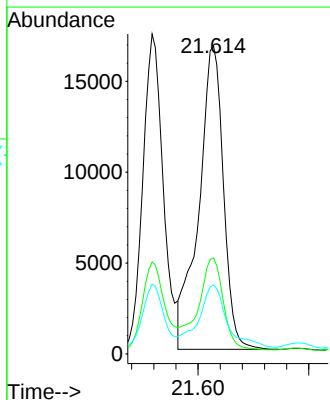
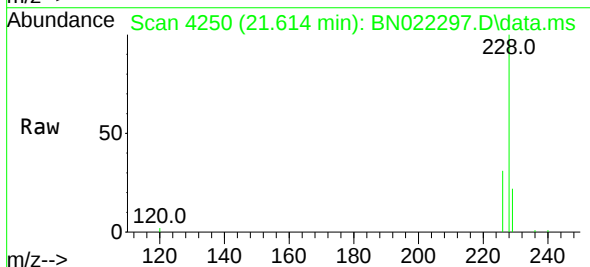
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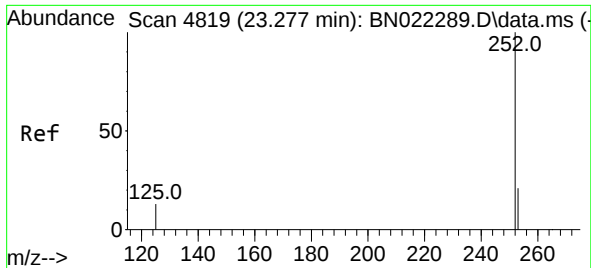
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#22
Chrysene
Concen: 0.633 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

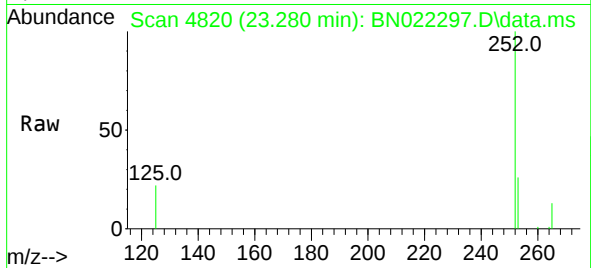
Tgt Ion:228 Resp: 25827
Ion Ratio Lower Upper
228 100
226 31.2 23.9 35.9
229 22.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.805 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

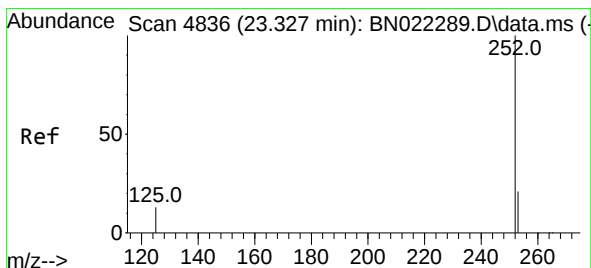
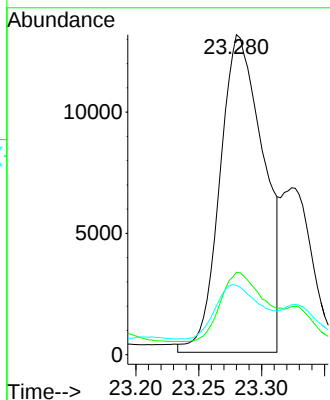
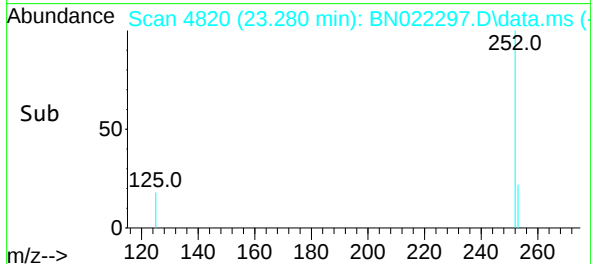
Instrument :
BNA_N
ClientSampleId :
C0BK5



Tgt Ion:252 Resp: 31484
Ion Ratio Lower Upper
252 100
253 25.7 0.0 49.0
125 21.7 0.0 35.2

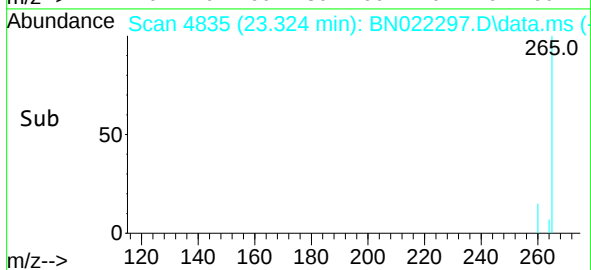
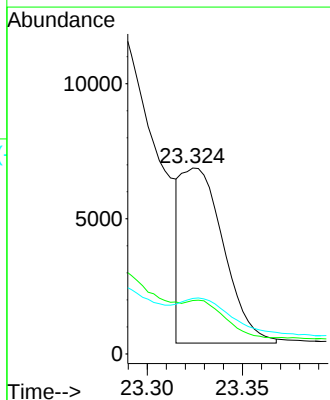
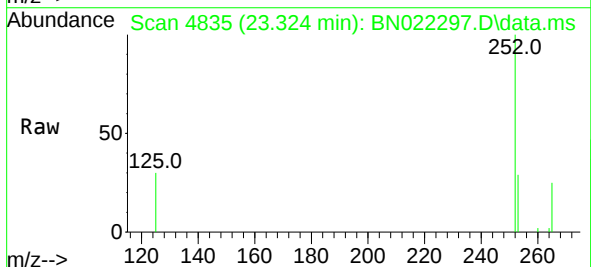
Manual Integrations
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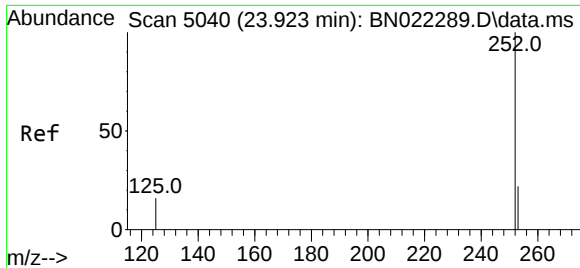
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.265 ng/ul m
RT: 23.324 min Scan# 4835
Delta R.T. -0.003 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

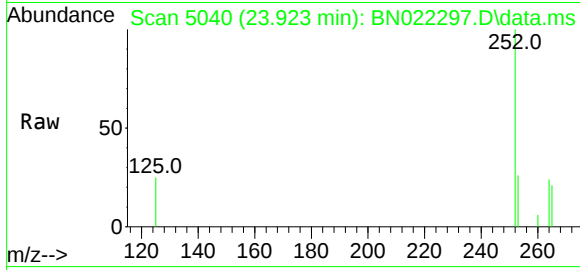
Tgt Ion:252 Resp: 10062
Ion Ratio Lower Upper
252 100
253 28.8 19.7 29.5
125 29.9 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.626 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

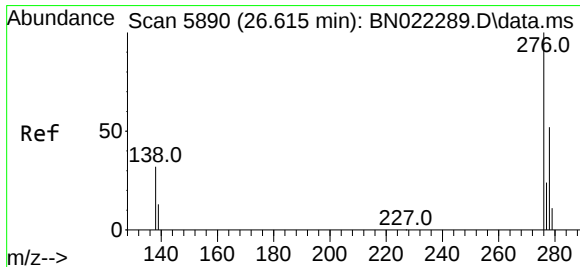
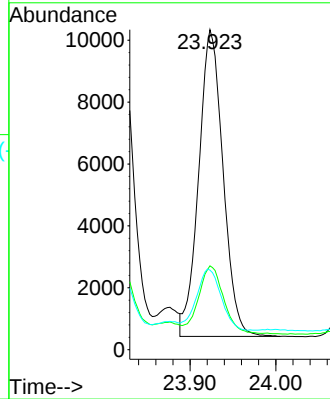
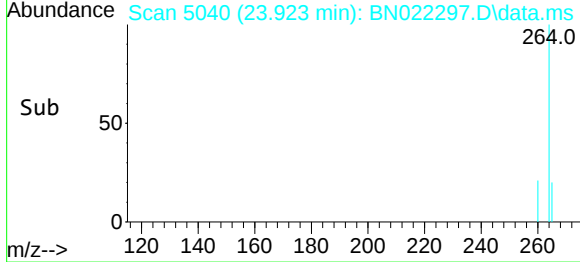
Instrument :
BNA_N
ClientSampleId :
C0BK5



Tgt Ion:	252	Resp:	1953
Ion Ratio	Lower	Upper	
252	100		
253	26.2	21.0	31.6
125	24.9	17.9	26.9

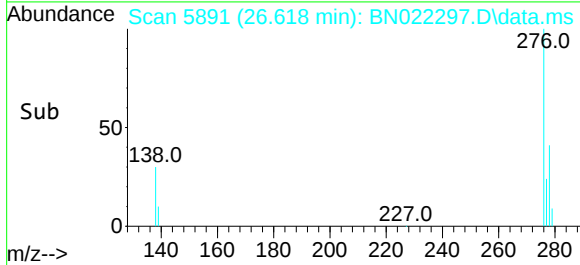
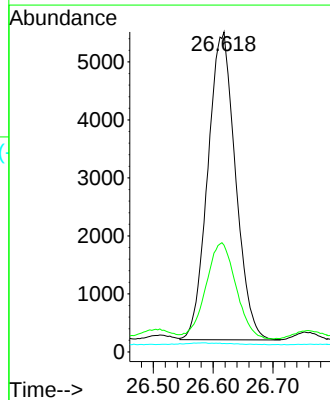
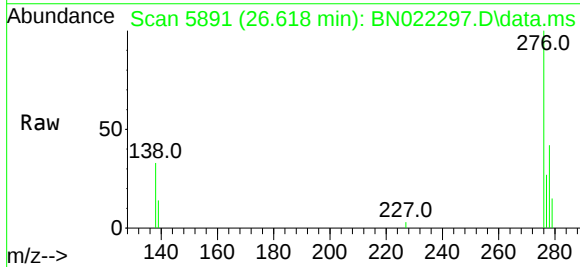
Manual Integrations
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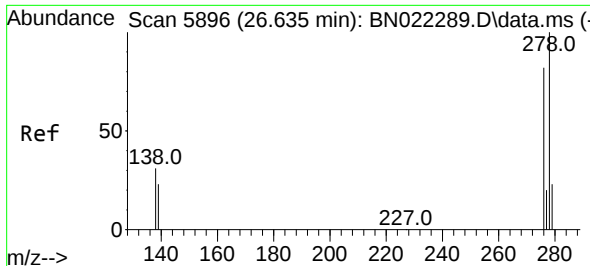
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. 0.003 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

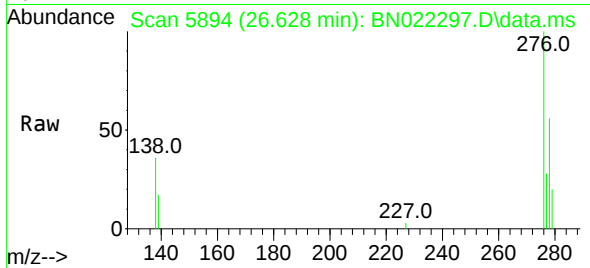
Tgt Ion:	276	Resp:	17077
Ion Ratio	Lower	Upper	
276	100		
138	34.1	27.7	41.5
227	0.0	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 26.628 min Scan# 5896
Delta R.T. -0.010 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00

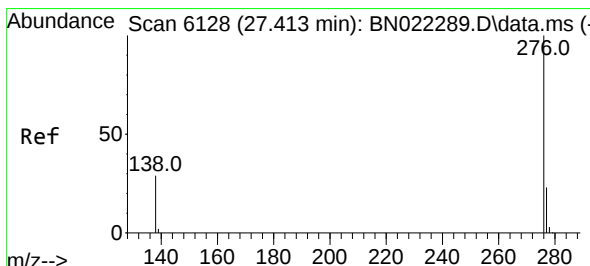
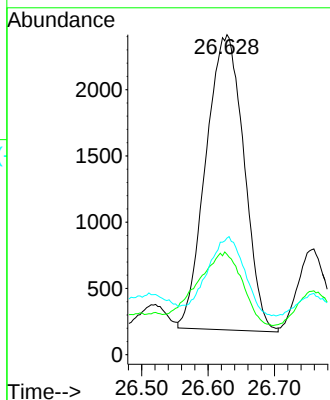
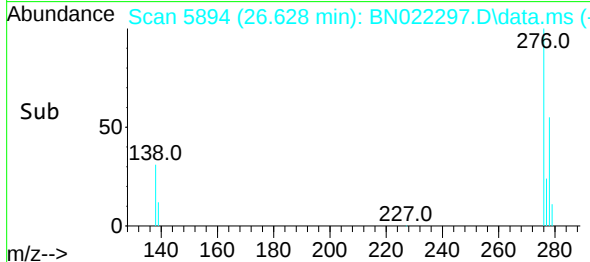
Instrument :
BNA_N
ClientSampleId :
C0BK5



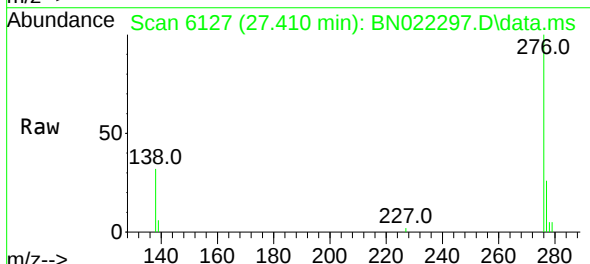
Tgt Ion:278 Resp: 885
Ion Ratio Lower Upper
278 100
139 31.3 19.6 29.4
279 36.5 20.6 30.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.593 ng/ul
RT: 27.410 min Scan# 6127
Delta R.T. -0.000 min
Lab File: BN022297.D
Acq: 24 Oct 2022 14:00



Tgt Ion:276 Resp: 18740
Ion Ratio Lower Upper
276 100
138 32.3 25.2 37.8
277 25.8 19.9 29.9

