

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022314.D
 Acq On : 25 Oct 2022 01:12
 Operator : CG/JU
 Sample : N5015-18DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BF2DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 04:57:24 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	4220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15096	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8498	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	16589	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	9657	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	7690	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	5963	1.087	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1687	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2943	0.091	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.822	128	1393	0.031	ng/ul#	85
7) 2-Methylnaphthalene	12.444	142	898	0.032	ng/ul	97
8) 1-Methylnaphthalene	12.664	142	623	0.022	ng/ul	97
10) Acenaphthylene	14.336	152	928	0.024	ng/ul#	78
15) Phenanthrene	17.412	178	8272	0.149	ng/ul	98
16) Anthracene	17.505	178	1612	0.034	ng/ul#	88
19) Fluoranthene	19.440	202	18431	0.417	ng/ul	97
20) Pyrene	19.802	202	16340	0.368	ng/ul	99
21) Benzo(a)anthracene	21.556	228	6131	0.169	ng/ul	95
22) Chrysene	21.608	228	6639	0.173	ng/ul	95
24) Benzo(b)fluoranthene	23.277	252	7969m	0.206	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	2831m	0.075	ng/ul	
26) Benzo(a)pyrene	23.918	252	4867	0.158	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.608	276	3584	0.094	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.625	278	834	0.027	ng/ul#	17
29) Benzo(g,h,i)perylene	27.407	276	3161	0.101	ng/ul#	88

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

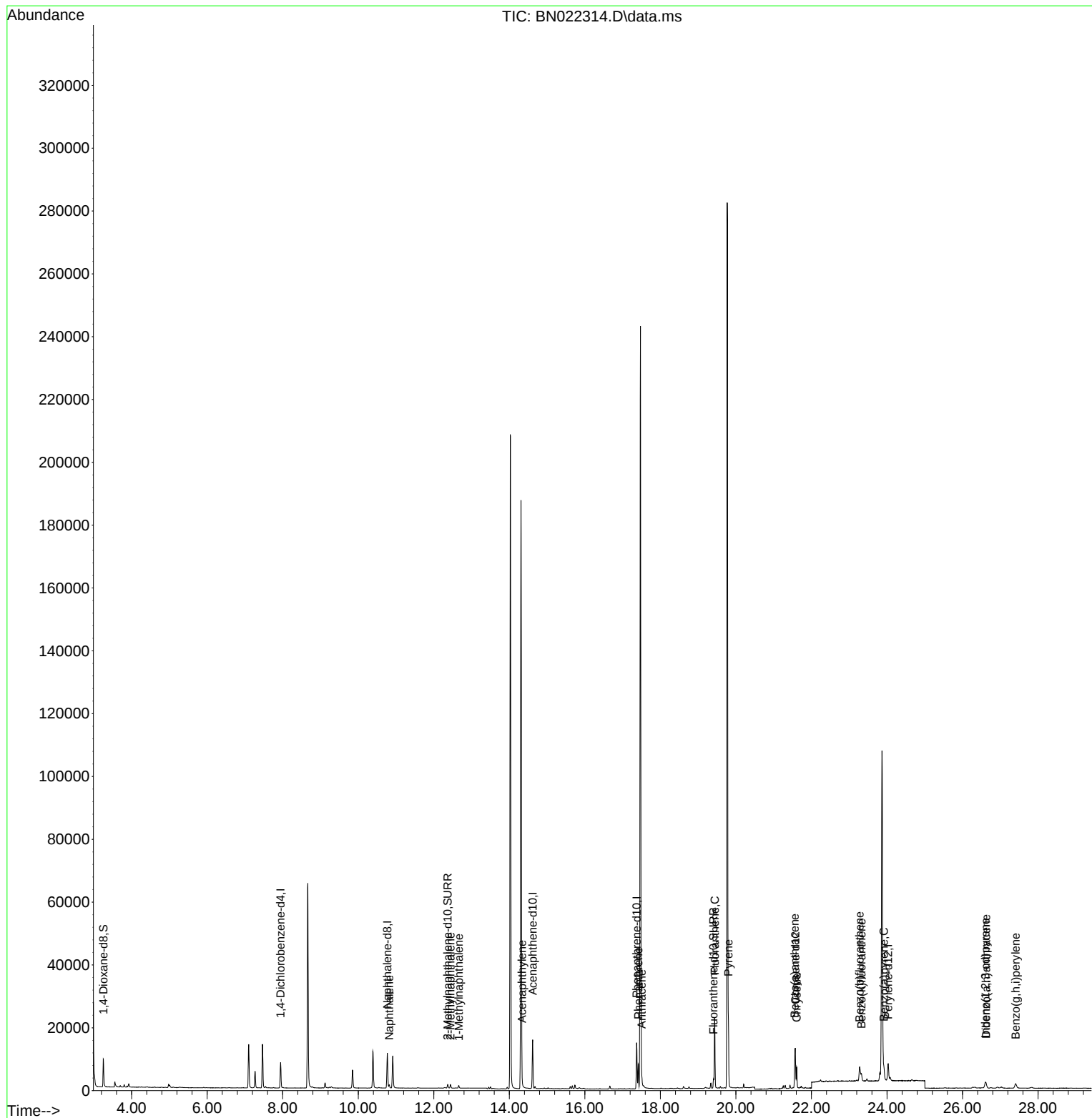
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022314.D
Acq On : 25 Oct 2022 01:12
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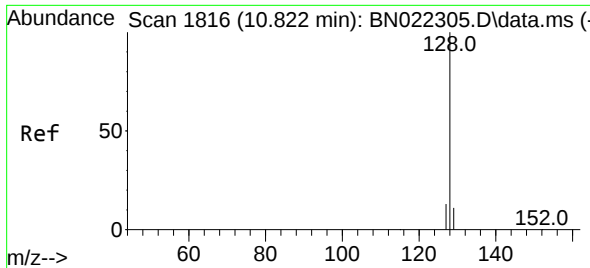
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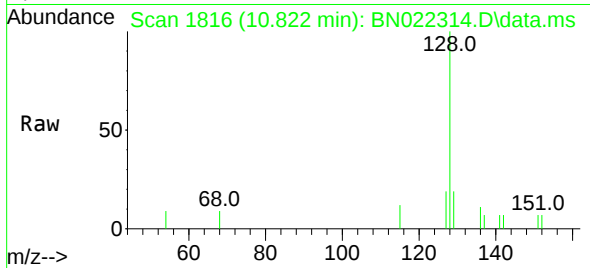
Quant Time: Oct 25 04:57:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

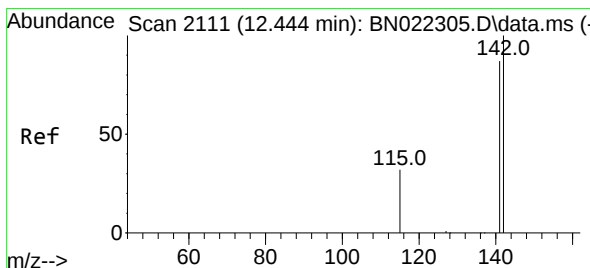
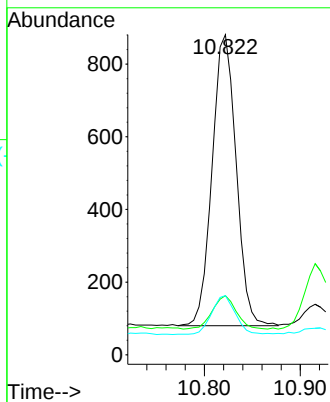
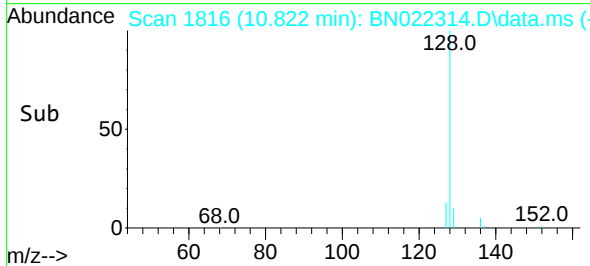
Instrument :
BNA_N
ClientSampleId :
C1BF2DL



Tgt Ion:128 Resp: 139
Ion Ratio Lower Upper
128 100
129 18.5 9.3 13.9
127 18.5 10.7 16.1

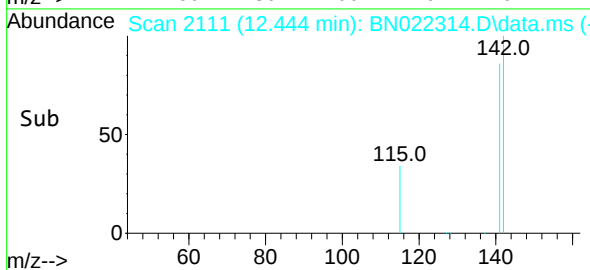
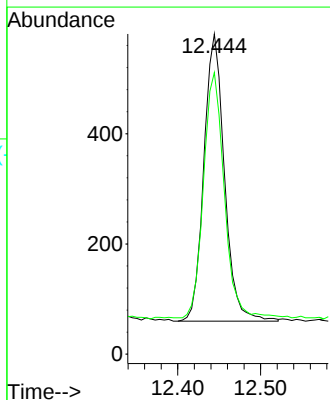
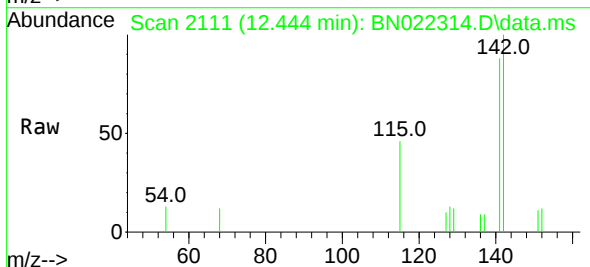
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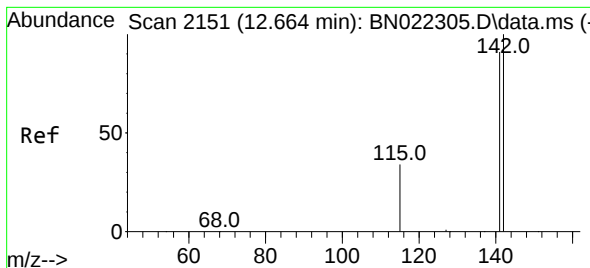
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

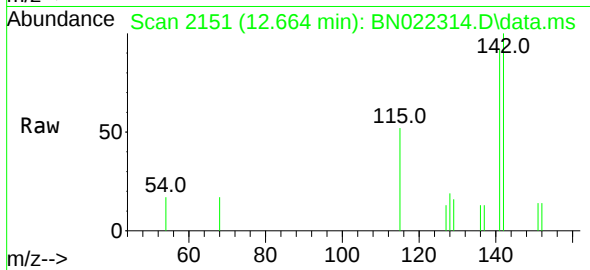
Tgt Ion:142 Resp: 898
Ion Ratio Lower Upper
142 100
141 86.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

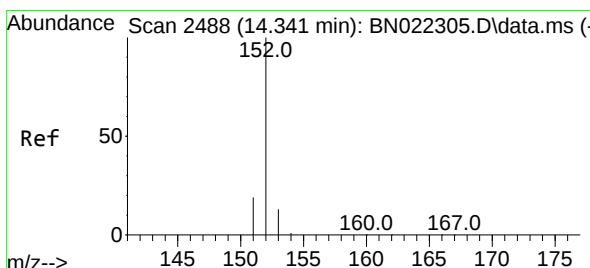
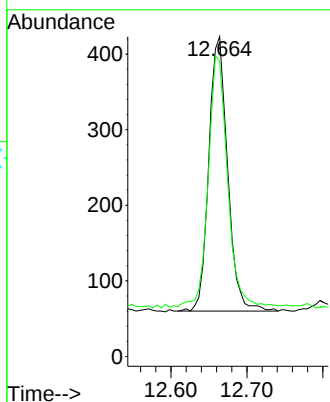
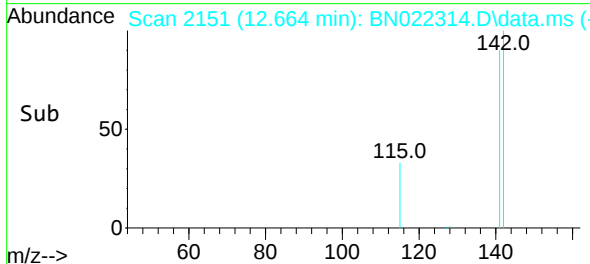
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ClientSampleId :
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Tgt Ion:142 Resp: 623
Ion Ratio Lower Upper
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141 94.4 73.3 109.9

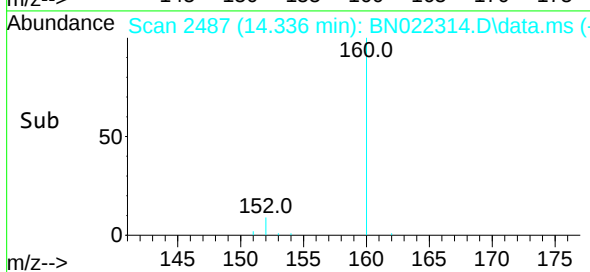
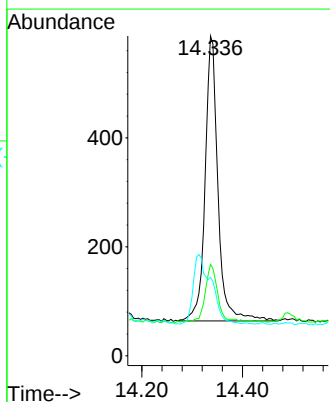
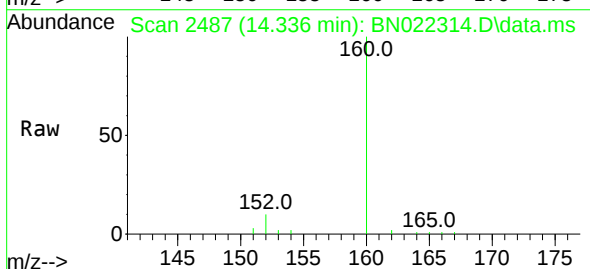
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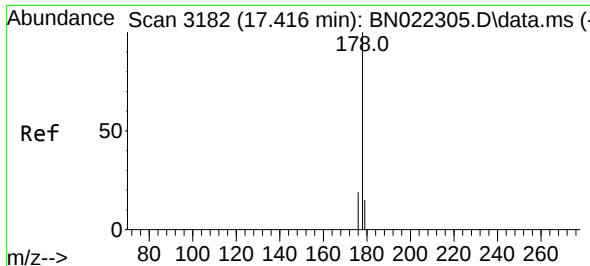
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

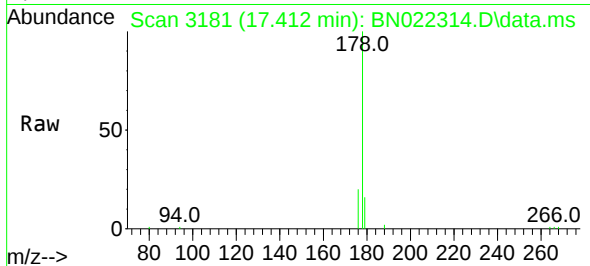
Tgt Ion:152 Resp: 928
Ion Ratio Lower Upper
152 100
151 28.6 15.9 23.9#
153 24.5 10.8 16.2#





#15
Phenanthrene
Concen: 0.149 ng/ul
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

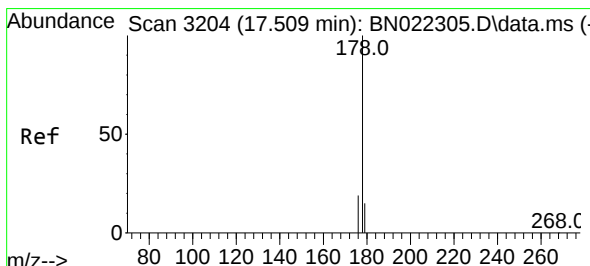
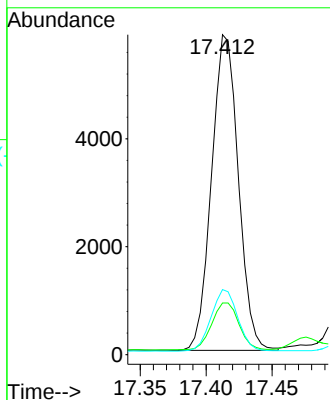
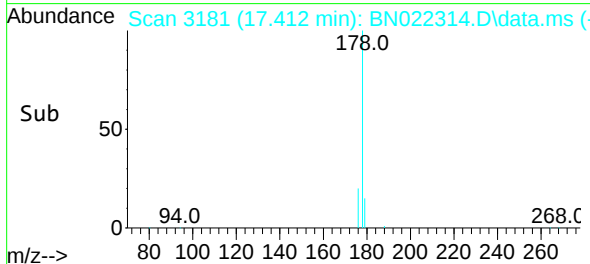
Instrument :
BNA_N
ClientSampleId :
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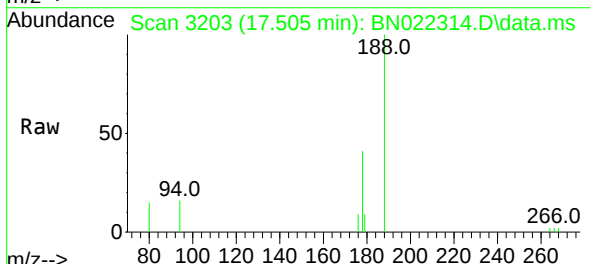
Tgt Ion:178 Resp: 8272
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 20.3 15.4 23.2

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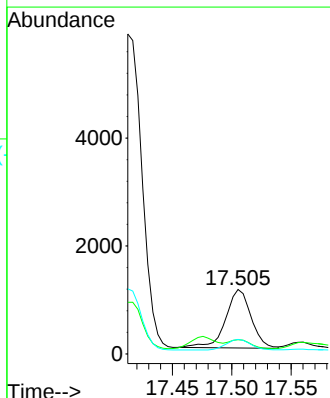
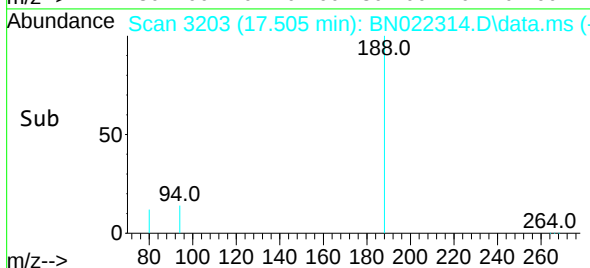
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Supervised By :mohammad ahmed 10/27/2022

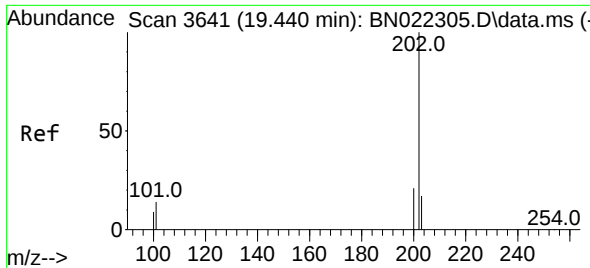


#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12



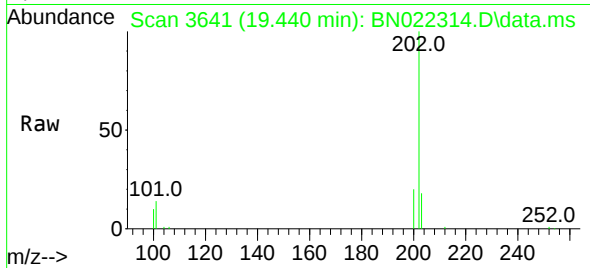
Tgt Ion:178 Resp: 1612
Ion Ratio Lower Upper
178 100
179 22.2 12.6 18.8#
176 22.7 15.0 22.6#





#19
Fluoranthene
Concen: 0.417 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

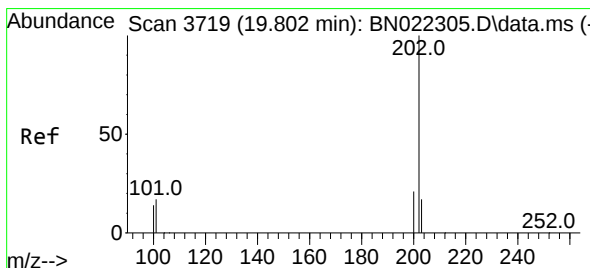
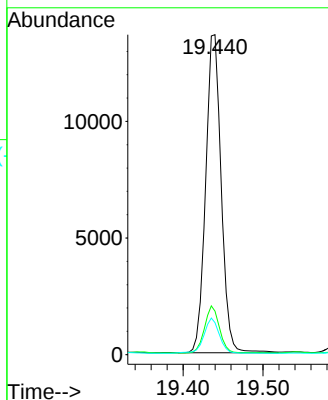
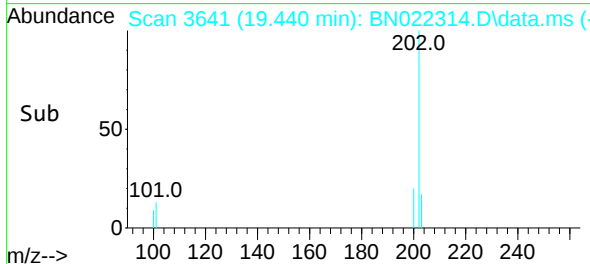
Instrument :
BNA_N
ClientSampleId :
C1BF2DL



Tgt Ion:202 Resp: 1843
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.0 8.7 13.1

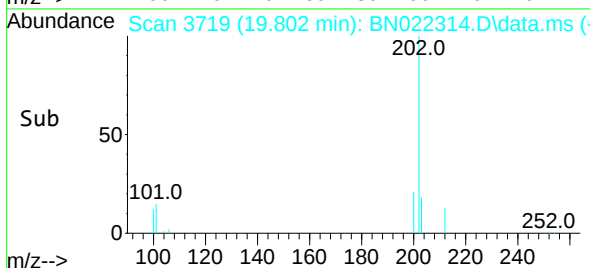
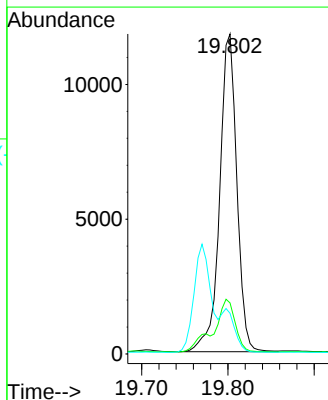
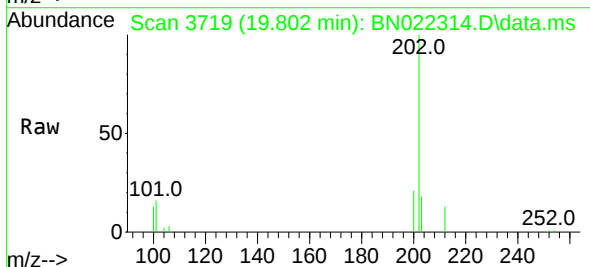
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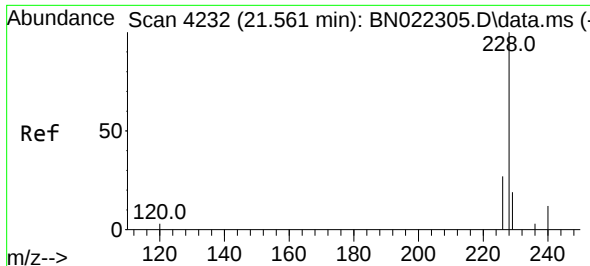
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#20
Pyrene
Concen: 0.368 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. 0.000 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

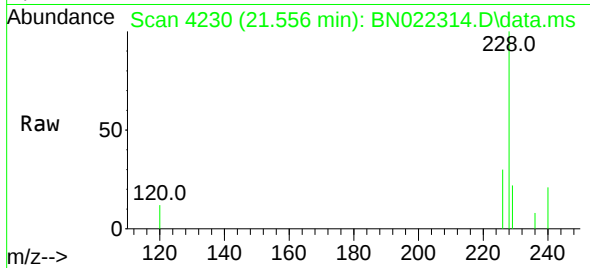
Tgt Ion:202 Resp: 16340
Ion Ratio Lower Upper
202 100
101 16.0 13.1 19.7
100 12.7 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.169 ng/ul
RT: 21.556 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

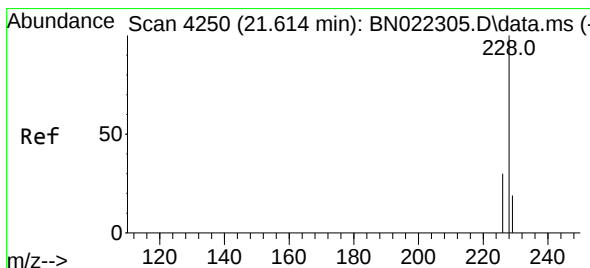
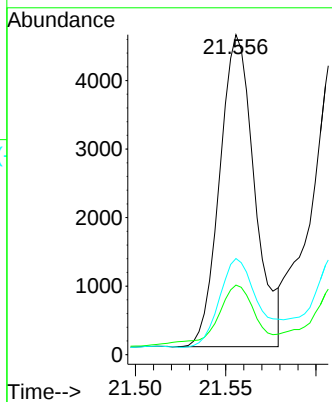
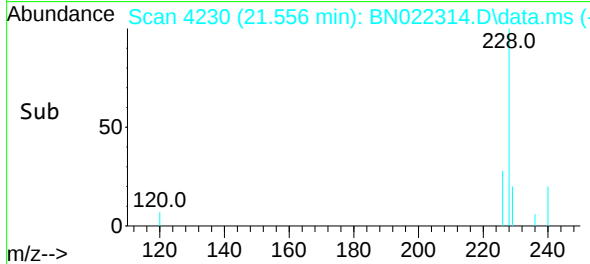
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BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 613
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 30.0 21.5 32.3

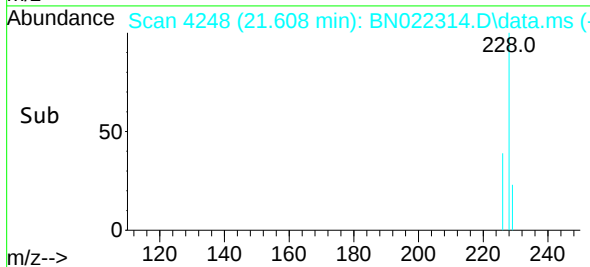
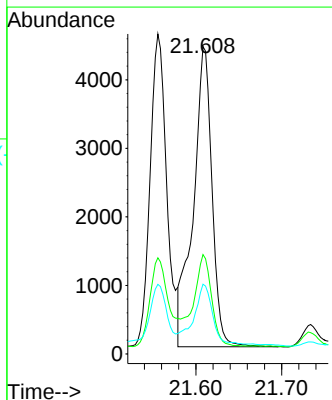
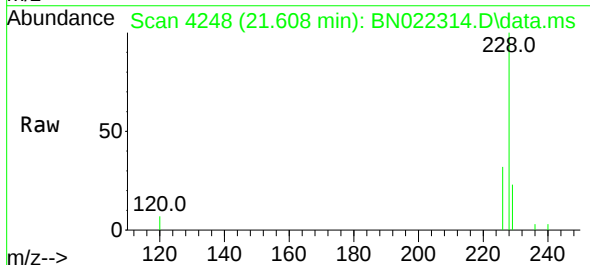
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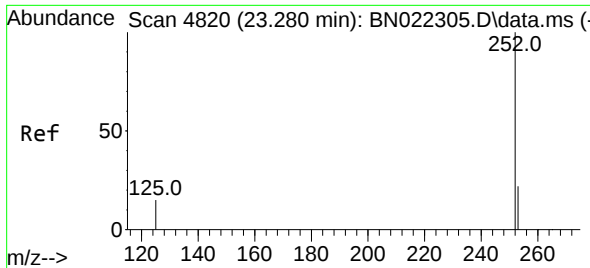
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#22
Chrysene
Concen: 0.173 ng/ul
RT: 21.608 min Scan# 4248
Delta R.T. -0.003 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

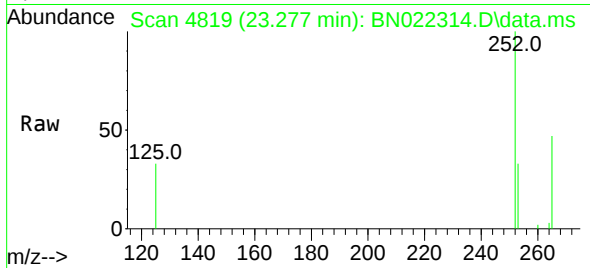
Tgt Ion:228 Resp: 6639
Ion Ratio Lower Upper
228 100
226 32.4 23.9 35.9
229 22.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.206 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. 0.000 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

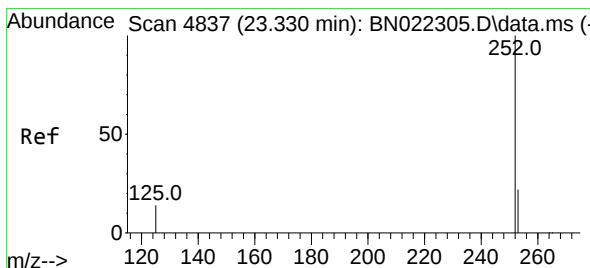
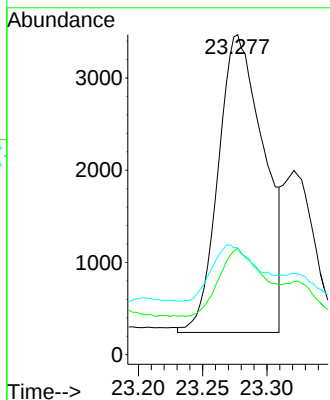
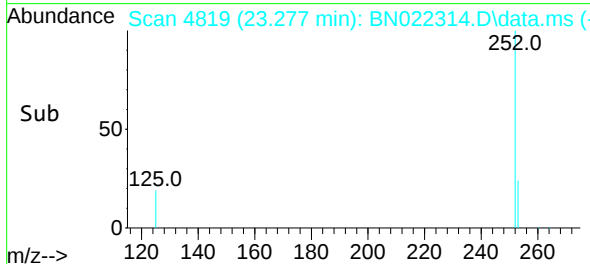
Instrument :
BNA_N
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Tgt Ion:252 Resp: 7969
Ion Ratio Lower Upper
252 100
253 33.1 0.0 49.0
125 33.4 0.0 35.2

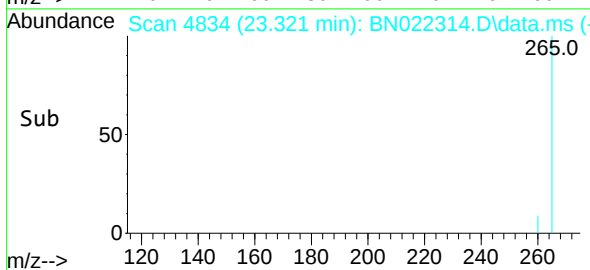
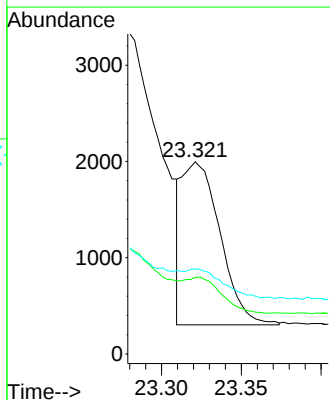
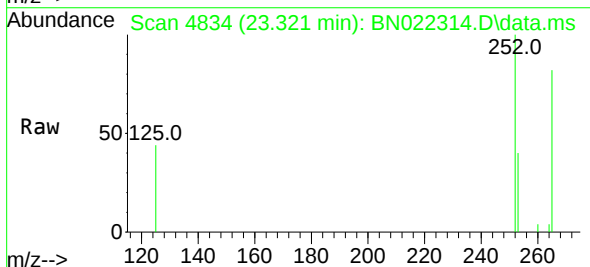
Manual Integrations
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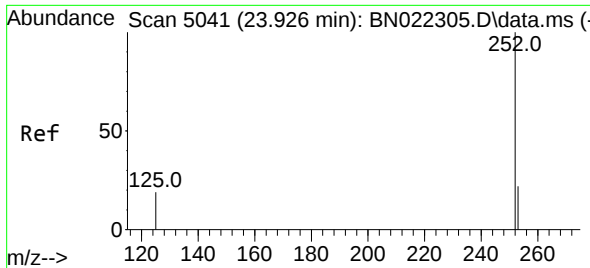
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.075 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

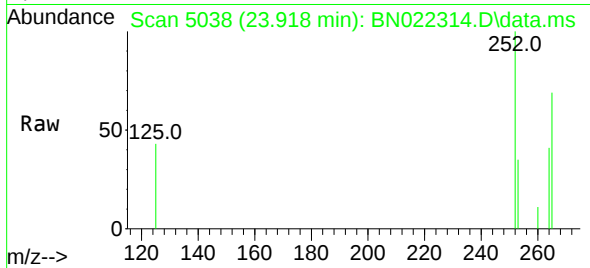
Tgt Ion:252 Resp: 2831
Ion Ratio Lower Upper
252 100
253 39.9 19.7 29.5#
125 44.2 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.158 ng/ul
RT: 23.918 min Scan# 5041
Delta R.T. -0.003 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

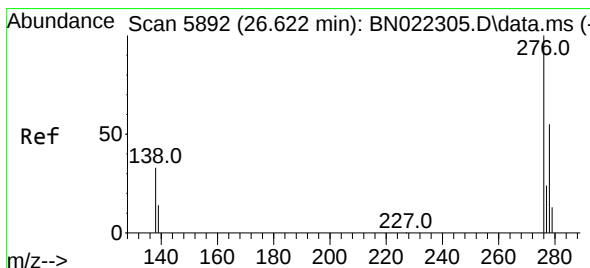
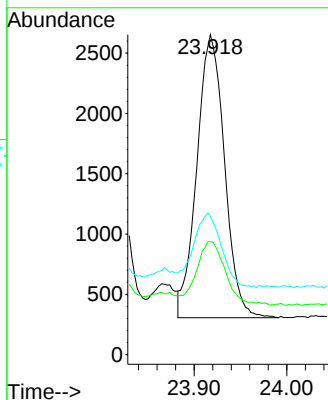
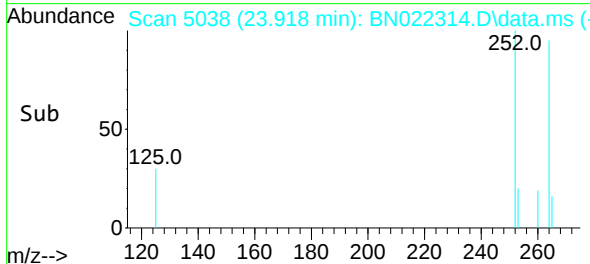
Instrument :
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Tgt Ion:252 Resp: 486
Ion Ratio Lower Upper
252 100
253 35.3 21.0 31.6
125 43.1 17.9 26.9

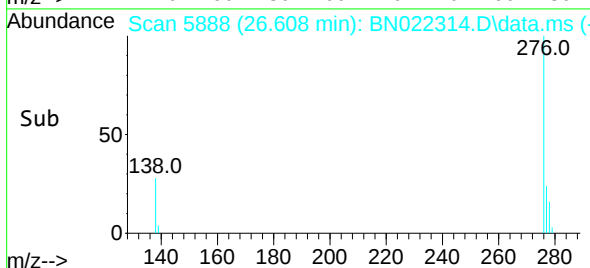
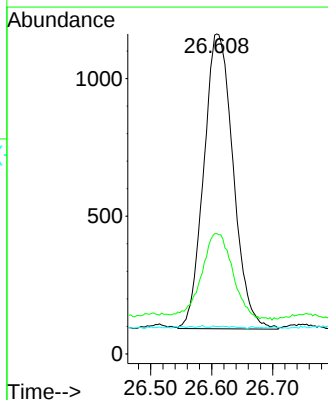
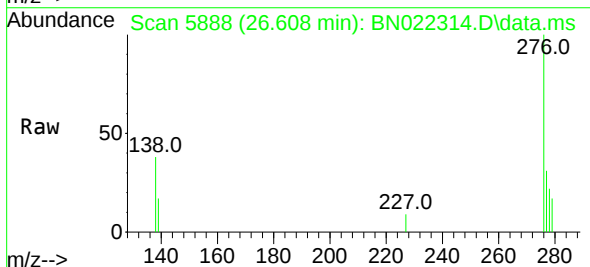
Manual Integrations
APPROVED

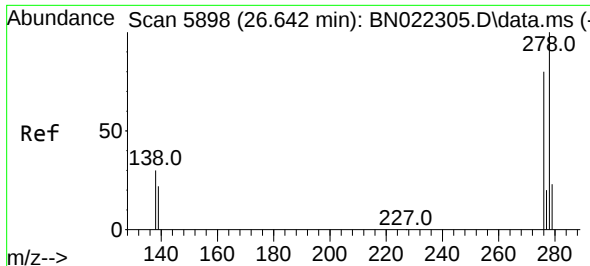
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. -0.007 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

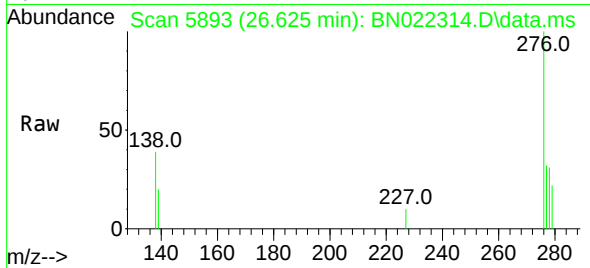
Tgt Ion:276 Resp: 3584
Ion Ratio Lower Upper
276 100
138 32.2 27.7 41.5
227 0.7 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 26.625 min Scan# 5898
Delta R.T. -0.013 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12

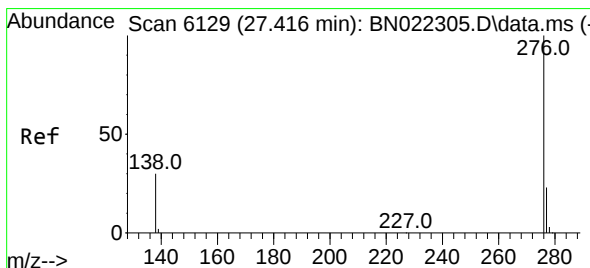
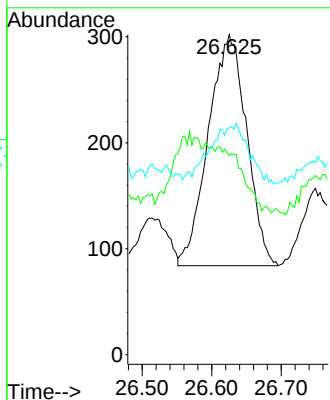
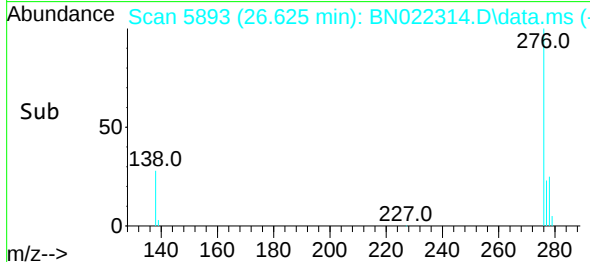
Instrument :
BNA_N
ClientSampleId :
C1BF2DL



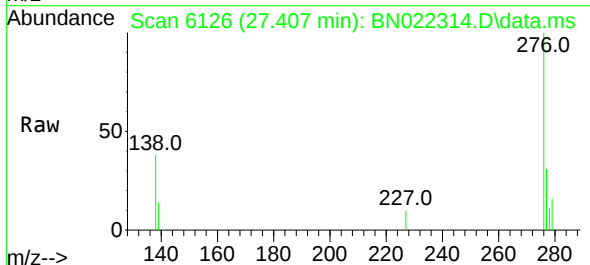
Tgt Ion: 278 Resp: 834
Ion Ratio Lower Upper
278 100
139 62.3 19.6 29.4#
279 70.9 20.6 30.8#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 27.407 min Scan# 6126
Delta R.T. -0.003 min
Lab File: BN022314.D
Acq: 25 Oct 2022 01:12



Tgt Ion: 276 Resp: 3161
Ion Ratio Lower Upper
276 100
138 38.4 25.2 37.8#
277 31.0 19.9 29.9#

