

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022326.D
 Acq On : 25 Oct 2022 15:48
 Operator : CG/JU
 Sample : N5070-05DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL7DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 05:14:12 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	4026	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14685	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	8296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	15683	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8576	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	6820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3690	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1122	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1885	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	5873	0.135	ng/ul	97
7) 2-Methylnaphthalene	12.444	142	4558	0.167	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	3804	0.135	ng/ul	100
10) Acenaphthylene	14.336	152	1028	0.028	ng/ul#	73
15) Phenanthrene	17.412	178	12704	0.241	ng/ul	99
16) Anthracene	17.505	178	998	0.022	ng/ul#	82
19) Fluoranthene	19.440	202	16432	0.418	ng/ul	99
20) Pyrene	19.802	202	14737	0.373	ng/ul	99
21) Benzo(a)anthracene	21.558	228	5000	0.156	ng/ul	94
22) Chrysene	21.614	228	6658	0.195	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	8086m	0.236	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	2685m	0.081	ng/ul	
26) Benzo(a)pyrene	23.920	252	4967	0.182	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.611	276	3804	0.112	ng/ul	94
28) Dibenzo(a,h)anthracene	26.632	278	946	0.035	ng/ul#	34
29) Benzo(g,h,i)perylene	27.413	276	3426	0.124	ng/ul	90

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

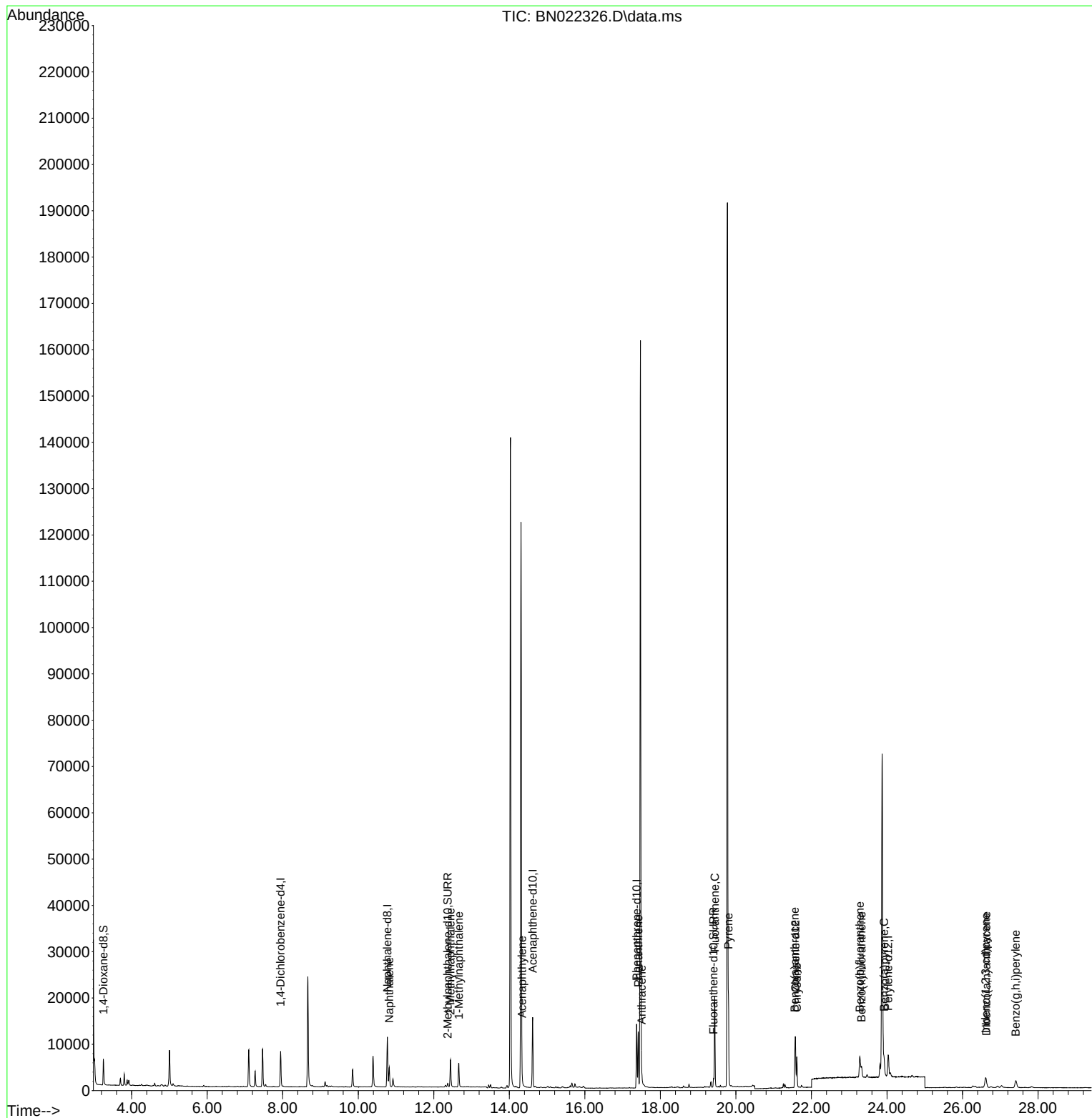
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022326.D
Acq On : 25 Oct 2022 15:48
Operator : CG/JU
Sample : N5070-05DL 5X
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ALS Vial : 41 Sample Multiplier: 1

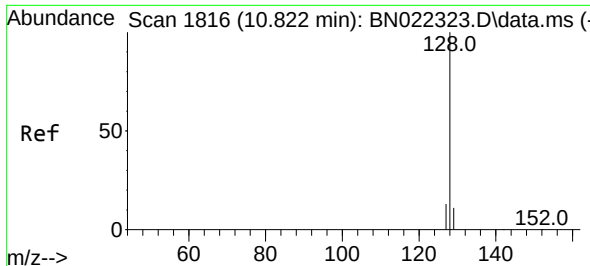
Instrument :
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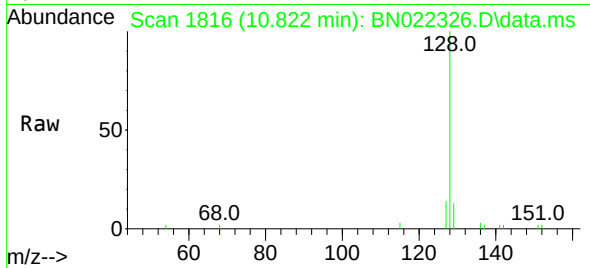
Quant Time: Oct 27 05:14:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
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#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

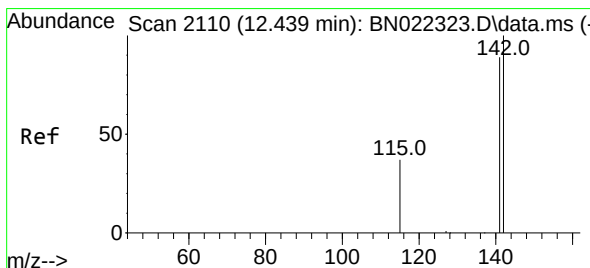
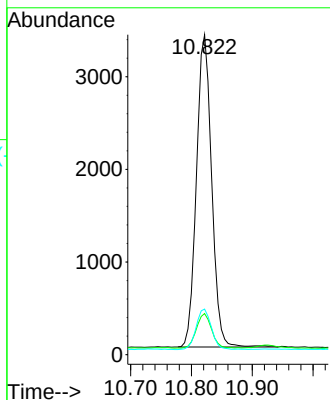
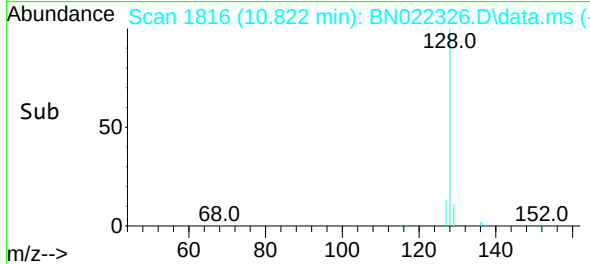
Instrument :
BNA_N
ClientSampleId :
C0BL7DL



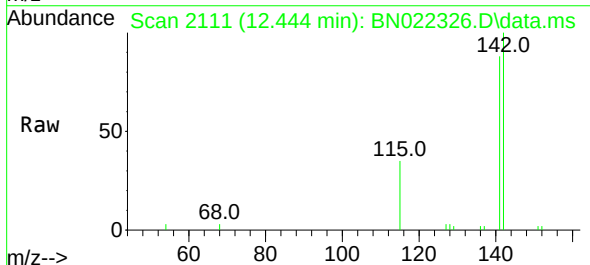
Tgt Ion:128 Resp: 587
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 14.2 10.7 16.1

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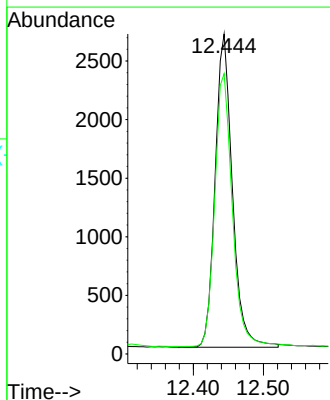
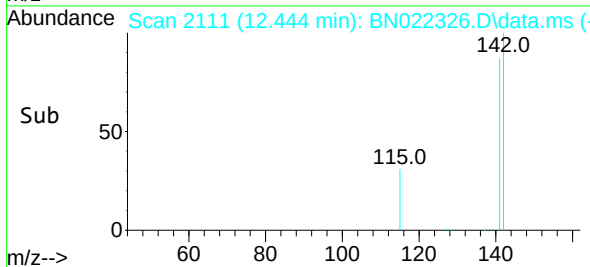
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

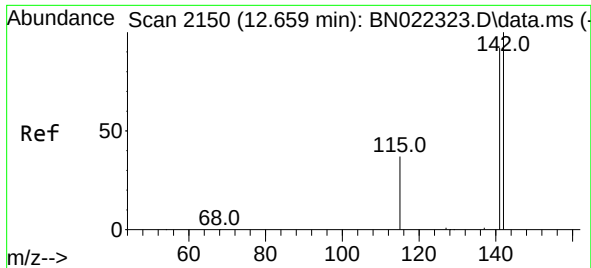


#7
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48



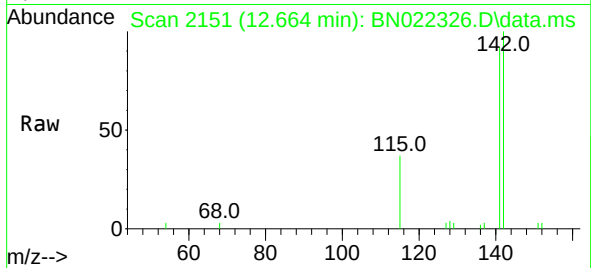
Tgt Ion:142 Resp: 4558
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

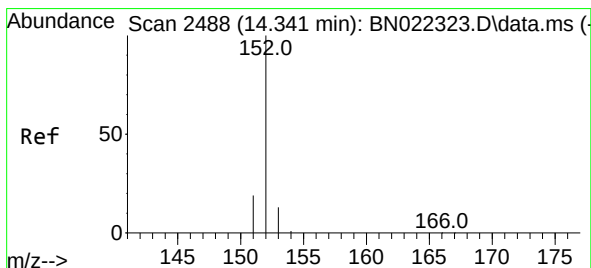
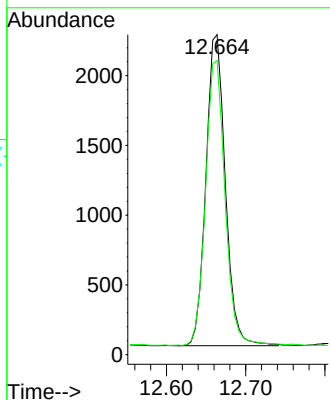
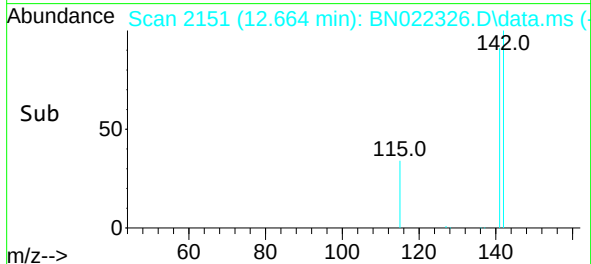
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3804
Ion Ratio Lower Upper
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141 91.8 73.3 109.9

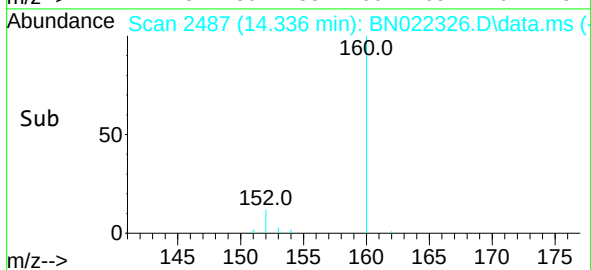
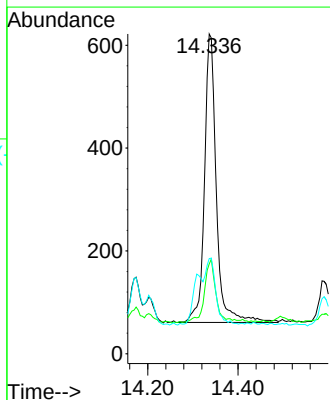
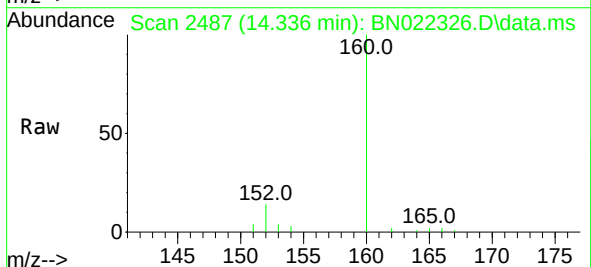
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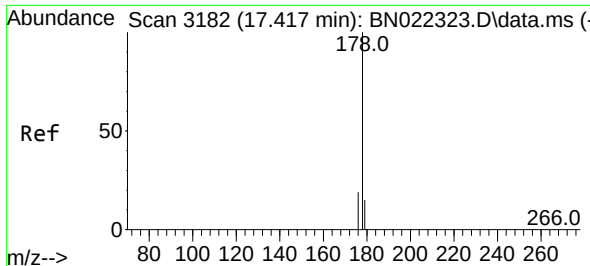
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

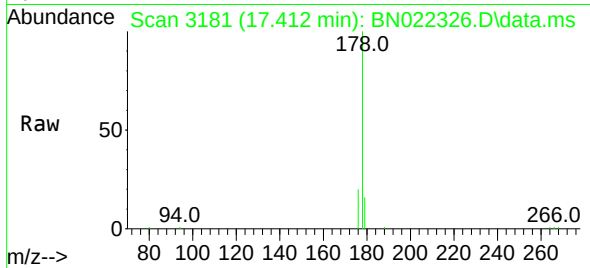
Tgt Ion:152 Resp: 1028
Ion Ratio Lower Upper
152 100
151 28.1 15.9 23.9#
153 29.7 10.8 16.2#





#15
Phenanthrene
Concen: 0.241 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

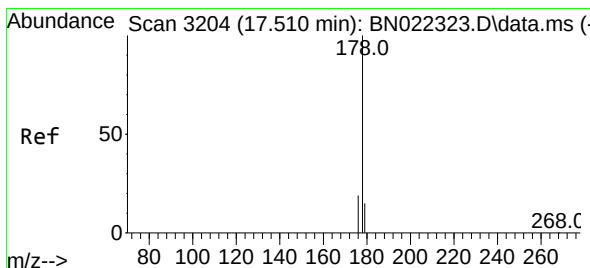
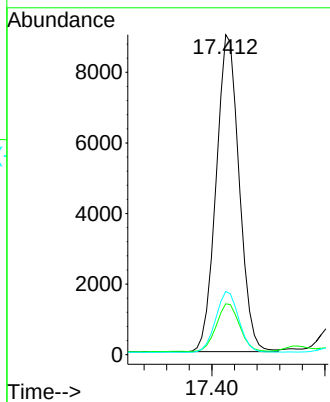
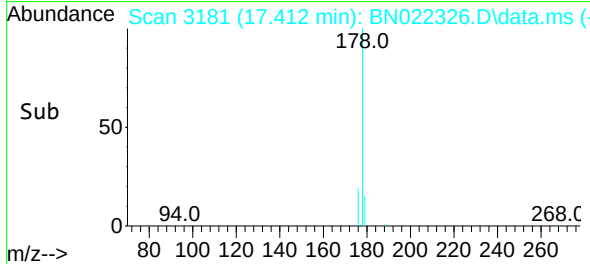
Instrument :
BNA_N
ClientSampleId :
C0BL7DL



Tgt Ion:178 Resp: 12704
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.8 15.4 23.2

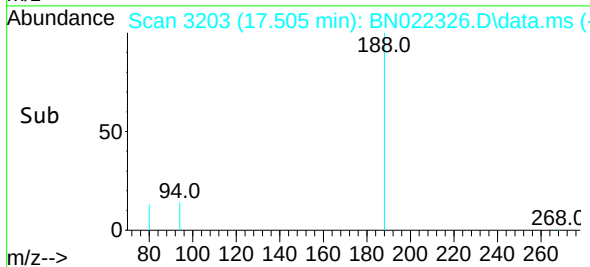
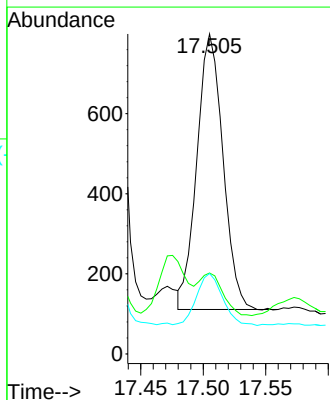
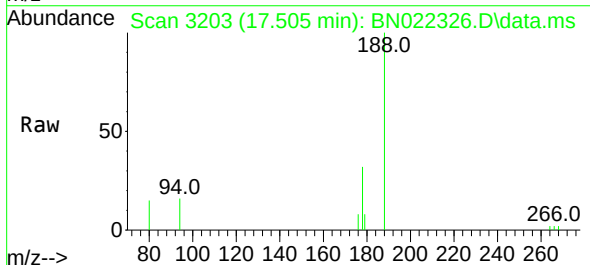
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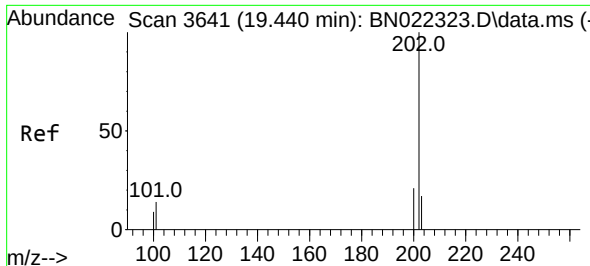
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#16
Anthracene
Concen: 0.022 ng/u1
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

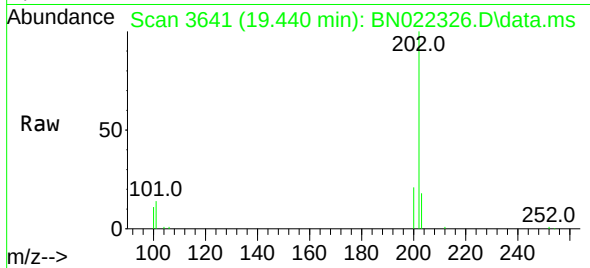
Tgt Ion:178 Resp: 998
Ion Ratio Lower Upper
178 100
179 25.3 12.6 18.8#
176 25.2 15.0 22.6#





#19
Fluoranthene
Concen: 0.418 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

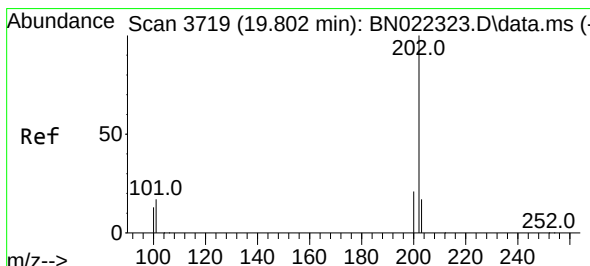
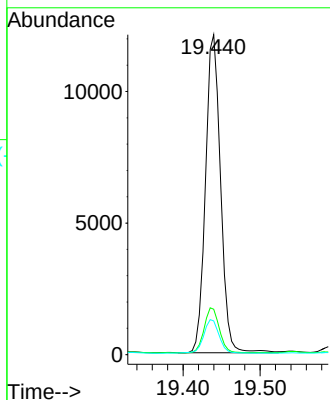
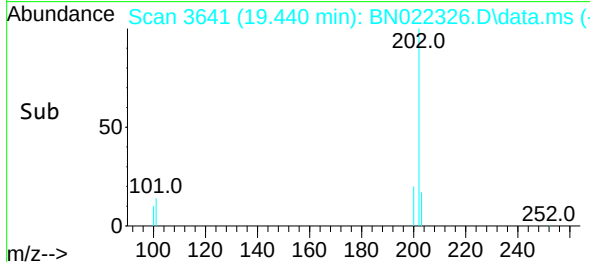
Instrument :
BNA_N
ClientSampleId :
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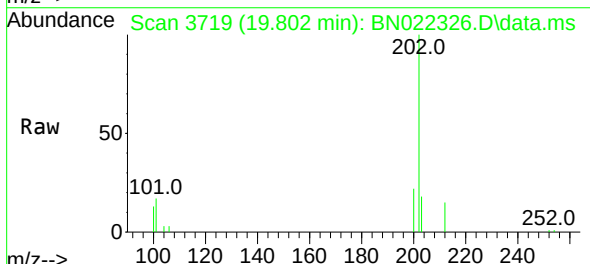
Tgt Ion:202 Resp: 16432
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.6 8.7 13.1

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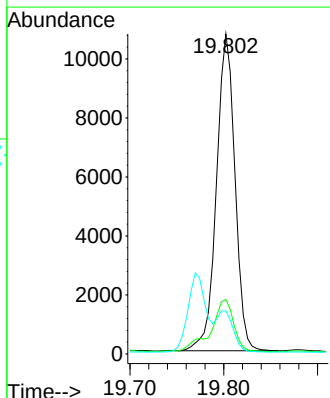
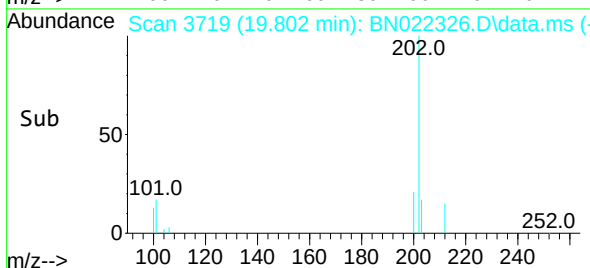
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

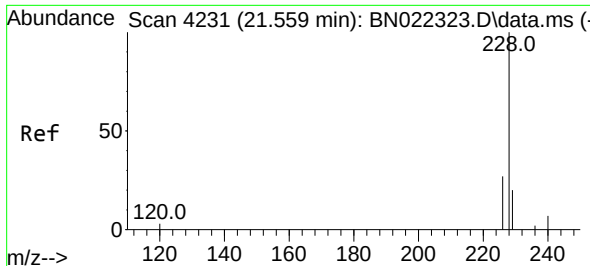


#20
Pyrene
Concen: 0.373 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48



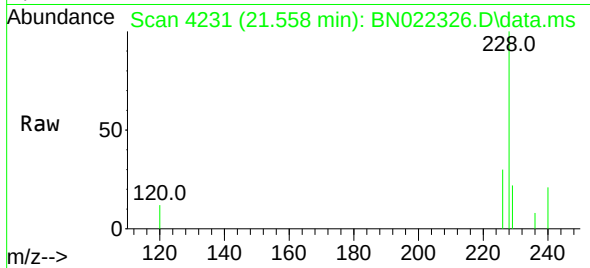
Tgt Ion:202 Resp: 14737
Ion Ratio Lower Upper
202 100
101 17.0 13.1 19.7
100 13.5 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.156 ng/u1
RT: 21.558 min Scan# 4231
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

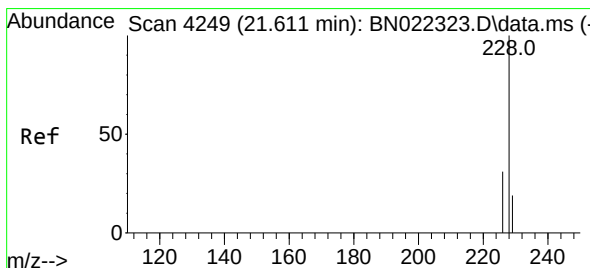
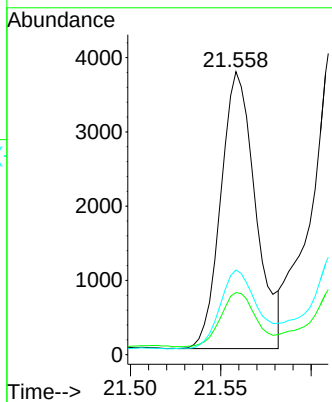
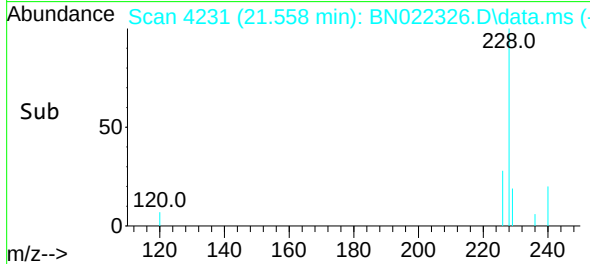
Instrument :
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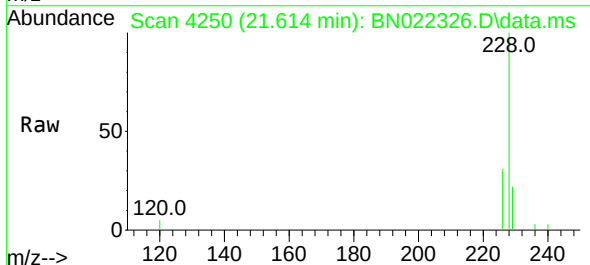
Tgt Ion:228 Resp: 5000
Ion Ratio Lower Upper
228 100
229 22.0 15.7 23.5
226 29.9 21.5 32.3

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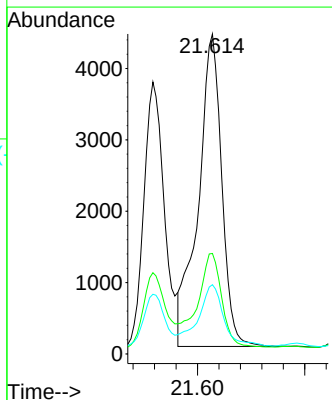
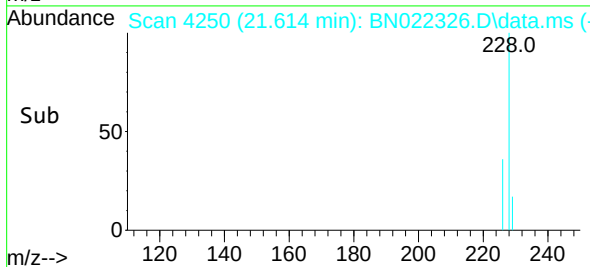
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

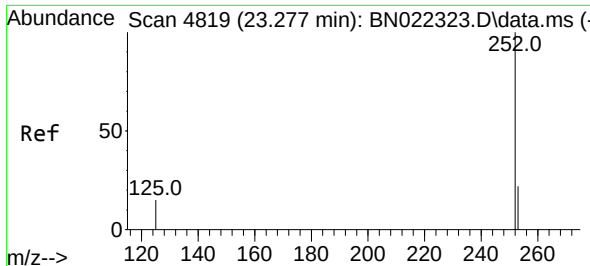


#22
Chrysene
Concen: 0.195 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48



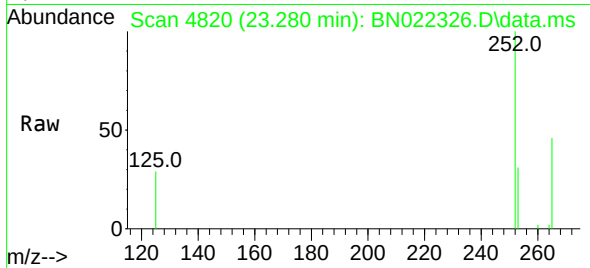
Tgt Ion:228 Resp: 6658
Ion Ratio Lower Upper
228 100
226 31.4 23.9 35.9
229 21.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.236 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

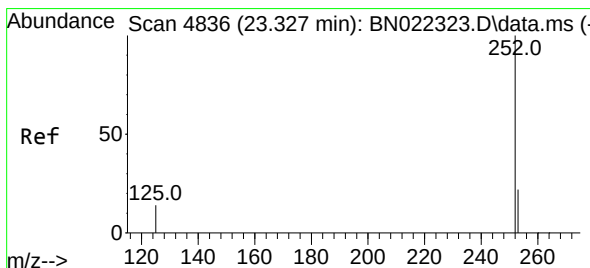
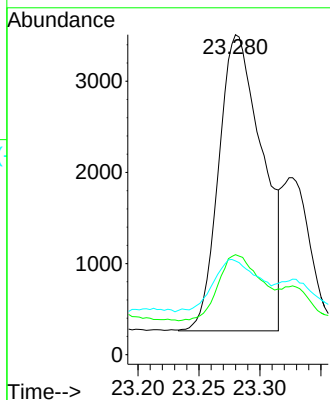
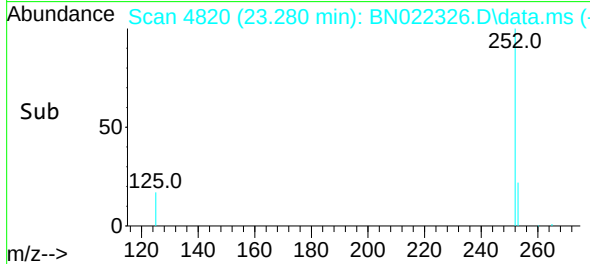
Instrument :
BNA_N
ClientSampleId :
C0BL7DL



Tgt Ion:252 Resp: 8080
Ion Ratio Lower Upper
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125 29.3 0.0 35.2

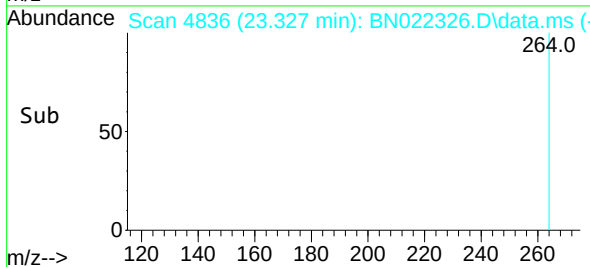
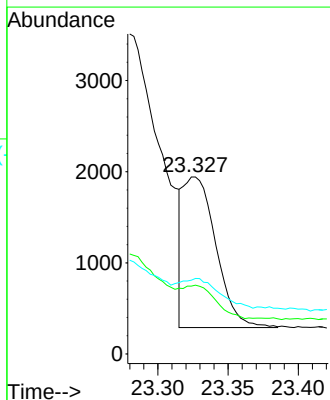
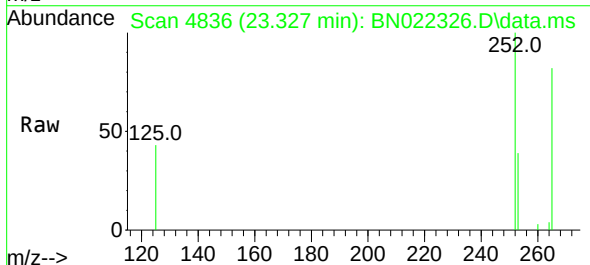
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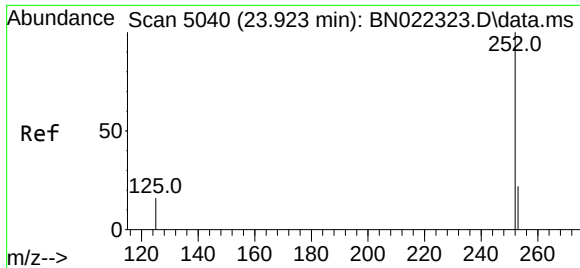
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.081 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

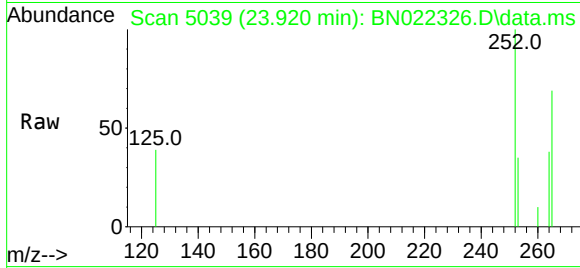
Tgt Ion:252 Resp: 2685
Ion Ratio Lower Upper
252 100
253 38.9 19.7 29.5#
125 42.7 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.182 ng/ul
RT: 23.920 min Scan# 5040
Delta R.T. -0.000 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

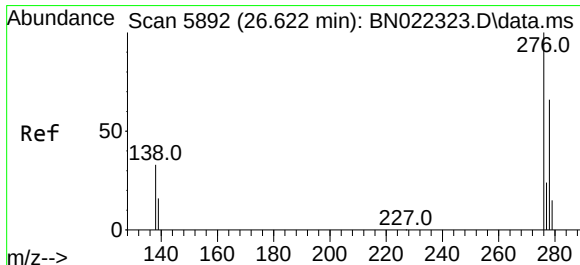
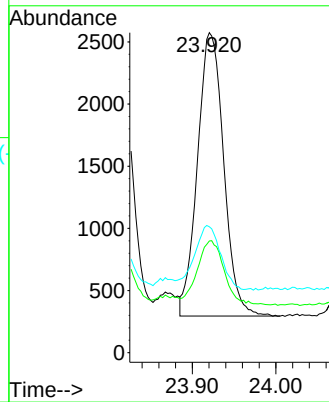
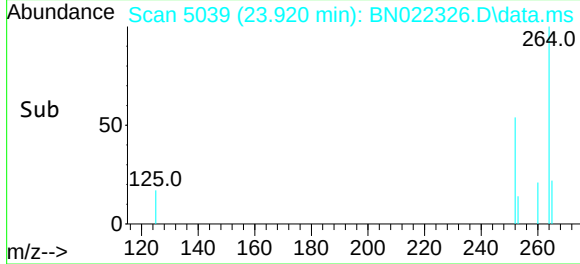
Instrument :
BNA_N
ClientSampleId :
C0BL7DL



Tgt Ion:252 Resp: 496
Ion Ratio Lower Upper
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125 39.4 17.9 26.9

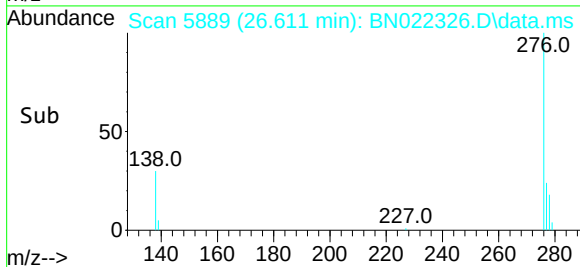
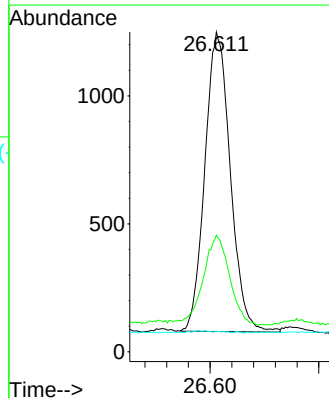
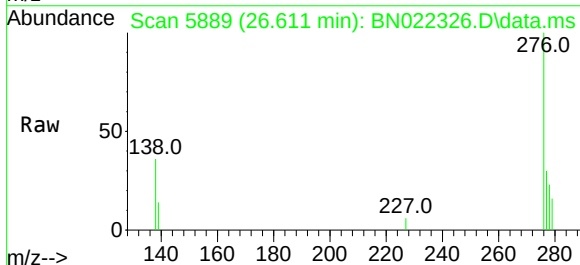
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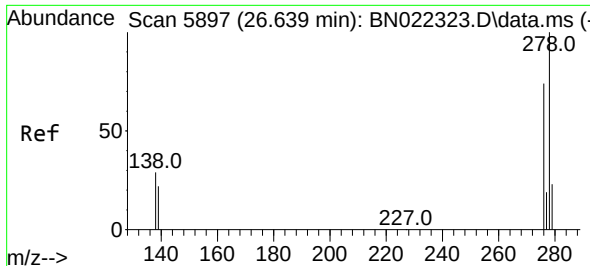
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng/ul
RT: 26.611 min Scan# 5889
Delta R.T. -0.004 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

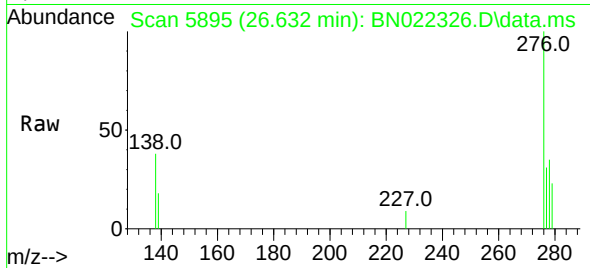
Tgt Ion:276 Resp: 3804
Ion Ratio Lower Upper
276 100
138 30.9 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 26.632 min Scan# 5895
Delta R.T. -0.007 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48

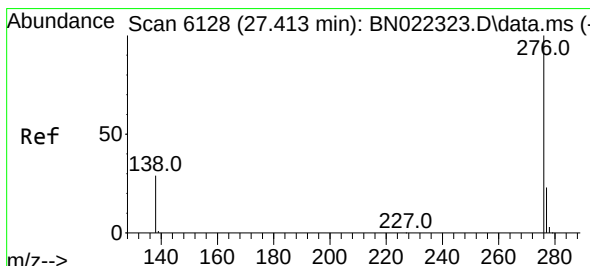
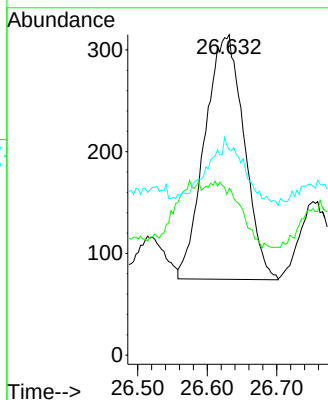
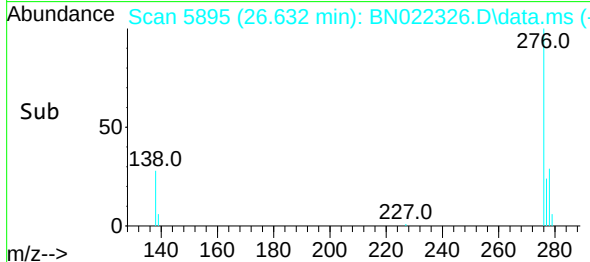
Instrument :
BNA_N
ClientSampleId :
C0BL7DL



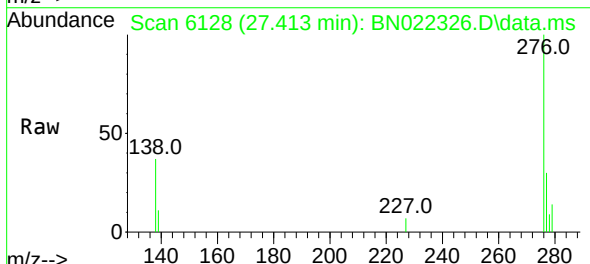
Tgt Ion:278 Resp: 940
Ion Ratio Lower Upper
278 100
139 52.1 19.6 29.4
279 64.1 20.6 30.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 27.413 min Scan# 6128
Delta R.T. 0.003 min
Lab File: BN022326.D
Acq: 25 Oct 2022 15:48



Tgt Ion:276 Resp: 3426
Ion Ratio Lower Upper
276 100
138 37.3 25.2 37.8
277 29.8 19.9 29.9

