

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022281.D
 Acq On : 22 Oct 2022 08:14
 Operator : CG/JU
 Sample : N5064-15DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COBM3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 12:07:42 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	5211	0.400	ng/ul	0.00
4) Naphthalene-d8	10.767	136	16666	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	14889	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10831	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	10071	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	6020	0.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1287	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2043	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	2883	0.059	ng/ul#	93
7) 2-Methylnaphthalene	12.444	142	2179	0.070	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	1900	0.060	ng/ul	100
10) Acenaphthylene	14.336	152	886	0.024	ng/ul#	74
15) Phenanthrene	17.412	178	10583	0.212	ng/ul	99
16) Anthracene	17.505	178	2060	0.049	ng/ul#	91
19) Fluoranthene	19.440	202	14710	0.297	ng/ul	97
20) Pyrene	19.802	202	13350	0.268	ng/ul	100
21) Benzo(a)anthracene	21.556	228	6082	0.150	ng/ul	95
22) Chrysene	21.611	228	6681	0.155	ng/ul	95
24) Benzo(b)fluoranthene	23.280	252	8613m	0.170	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	2933m	0.060	ng/ul	
26) Benzo(a)pyrene	23.920	252	5598	0.139	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.608	276	4166	0.083	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.618	278	1099	0.027	ng/ul#	34
29) Benzo(g,h,i)perylene	27.406	276	3958	0.097	ng/ul	90

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

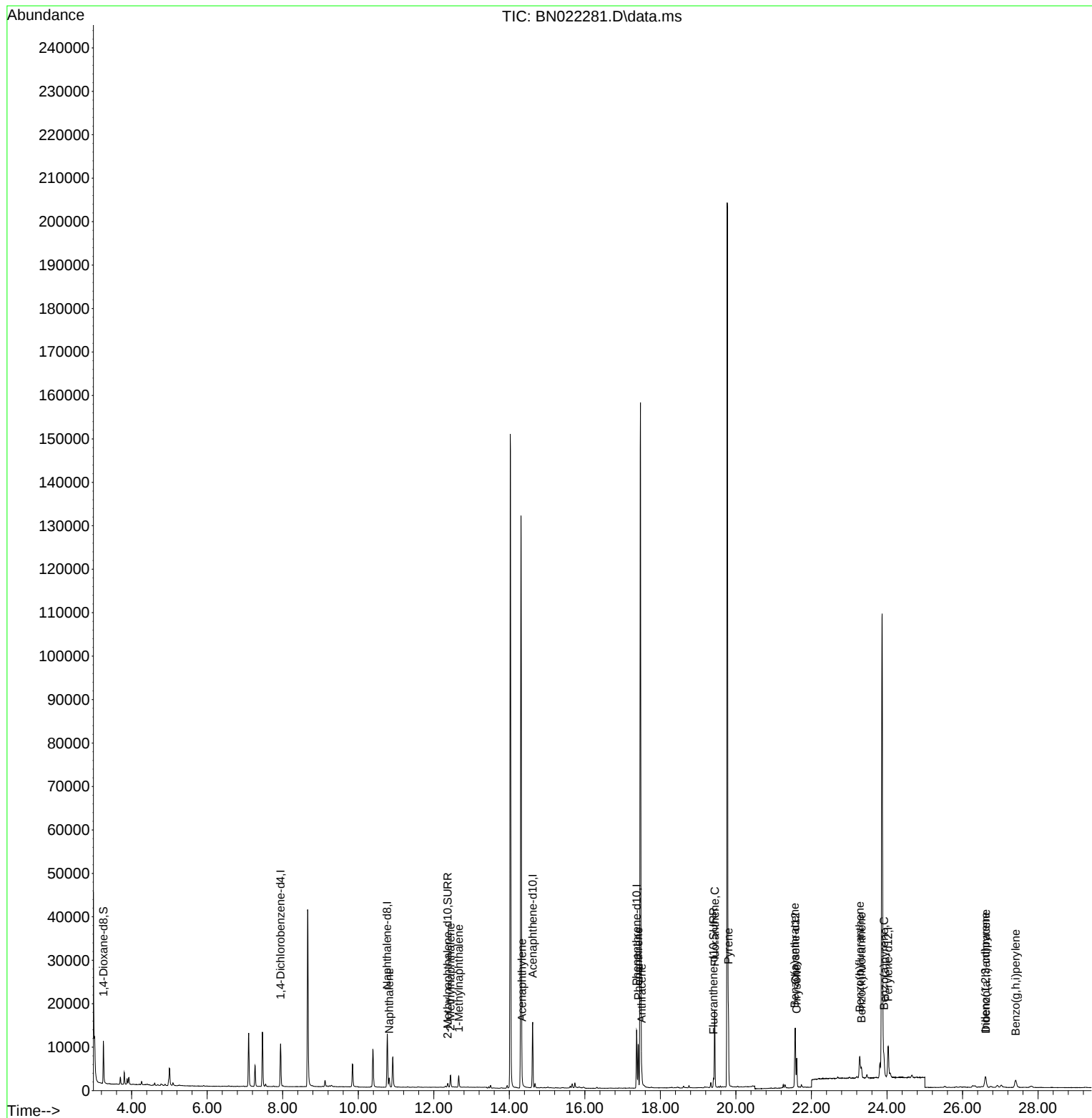
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022281.D
Acq On : 22 Oct 2022 08:14
Operator : CG/JU
Sample : N5064-15DL 5X
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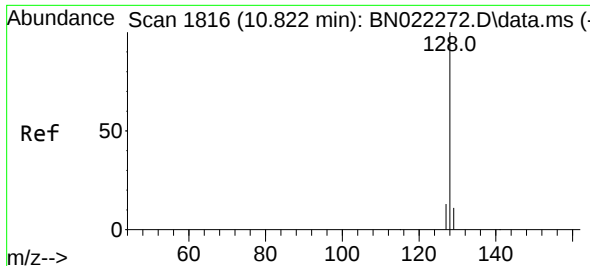
Instrument :
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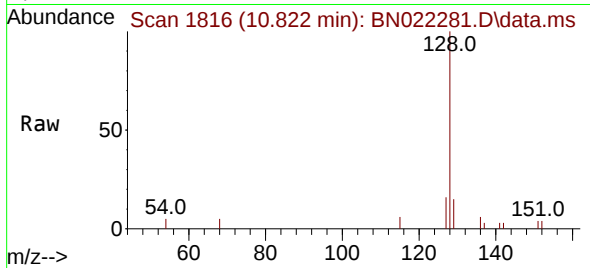
Quant Time: Oct 22 12:07:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

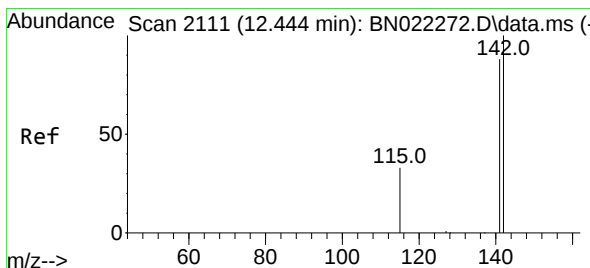
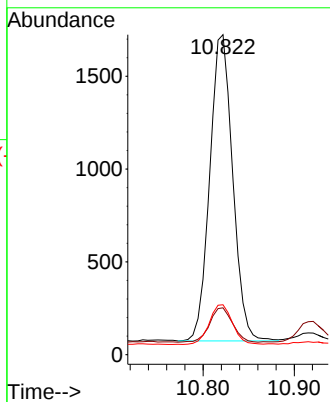
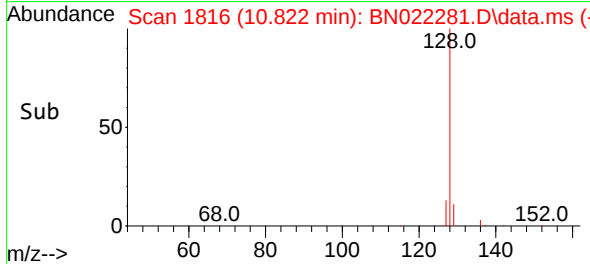
Instrument :
BNA_N
ClientSampleId :
C0BM3DL



Tgt Ion:128 Resp: 288
Ion Ratio Lower Upper
128 100
129 14.6 9.3 13.9
127 15.6 10.7 16.1

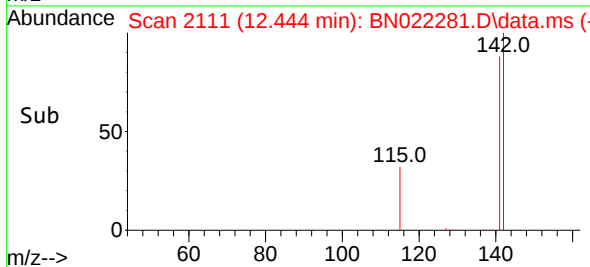
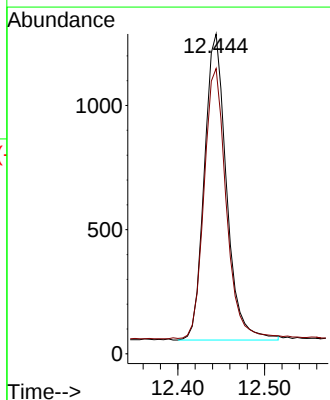
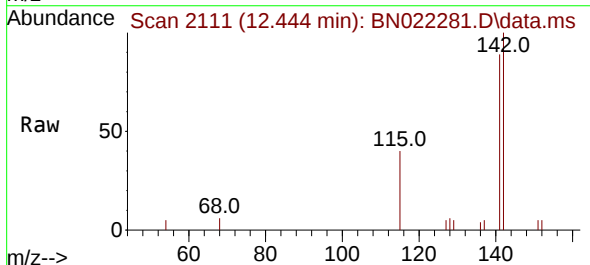
Manual Integrations
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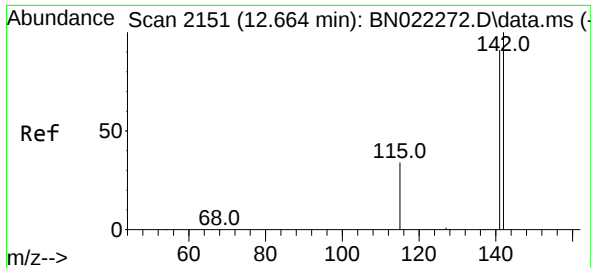
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

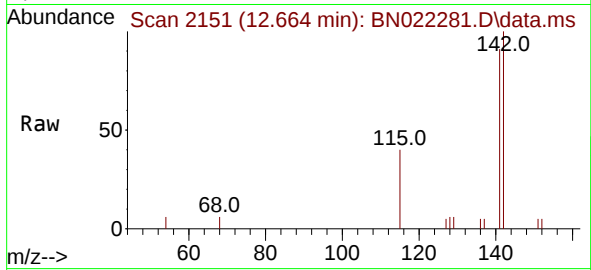
Tgt Ion:142 Resp: 2179
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

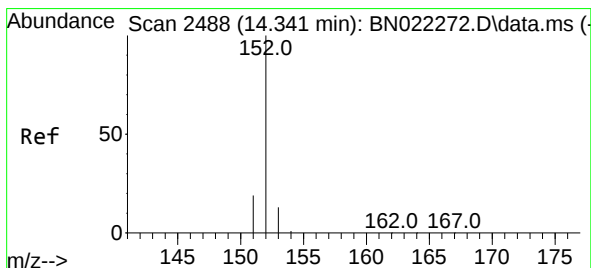
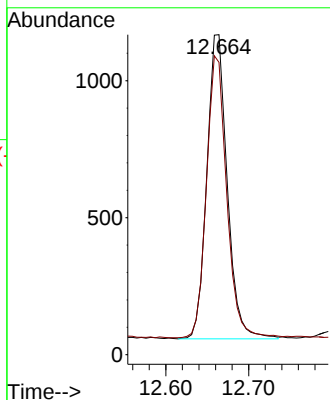
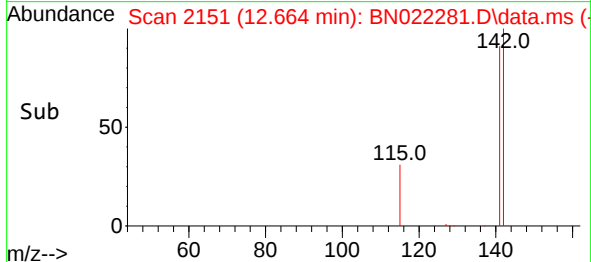
Instrument :
BNA_N
ClientSampleId :
C0BM3DL



Tgt Ion:142 Resp: 1900
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

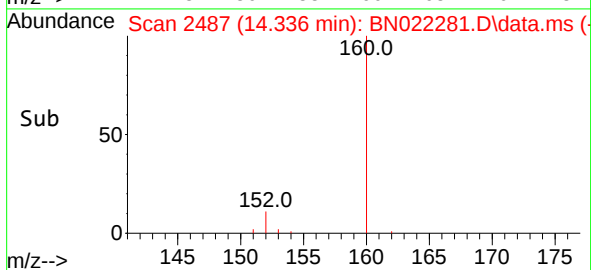
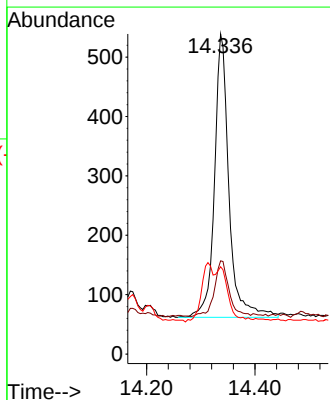
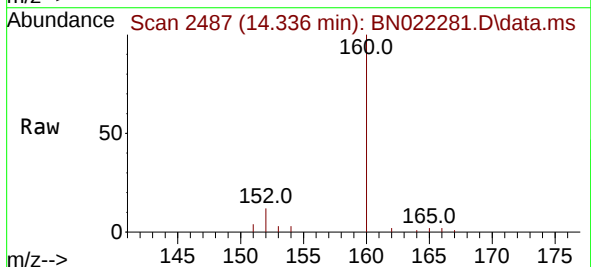
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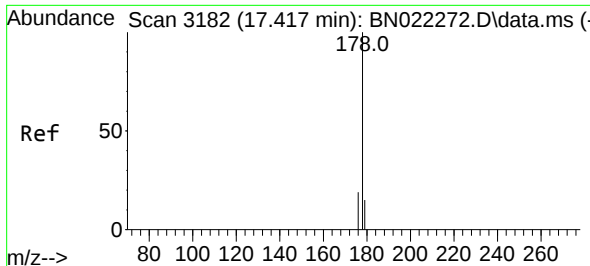
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

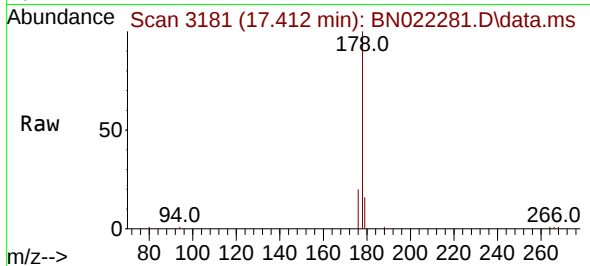
Tgt Ion:152 Resp: 886
Ion Ratio Lower Upper
152 100
151 29.1 15.9 23.9#
153 27.3 10.8 16.2#





#15
Phenanthrene
Concen: 0.212 ng/u1
RT: 17.412 min Scan# 3182
Delta R.T. -0.004 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

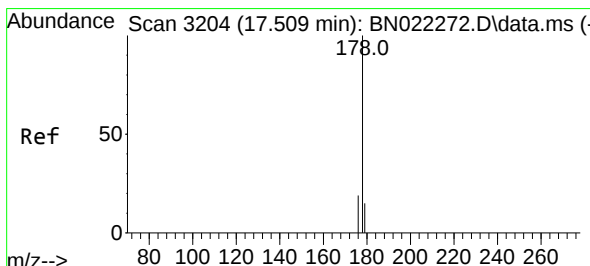
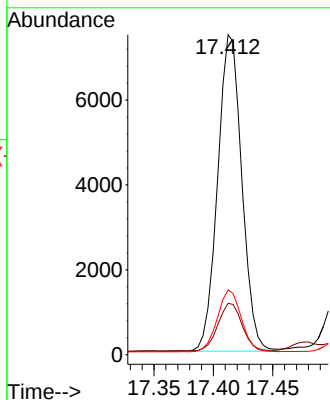
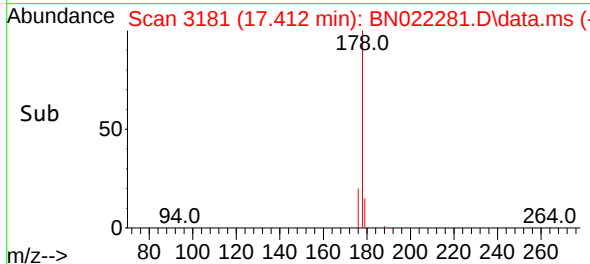
Instrument :
BNA_N
ClientSampleId :
C0BM3DL



Tgt Ion:178 Resp: 1058
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 20.3 15.4 23.2

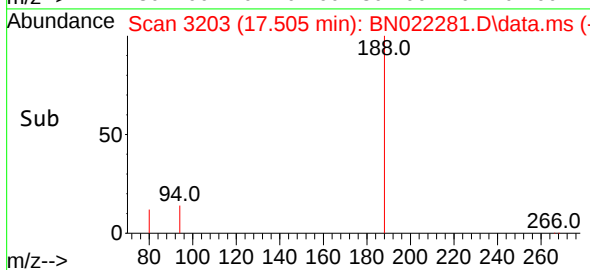
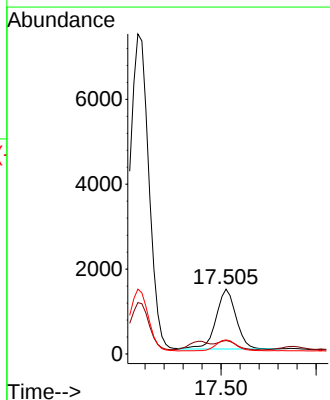
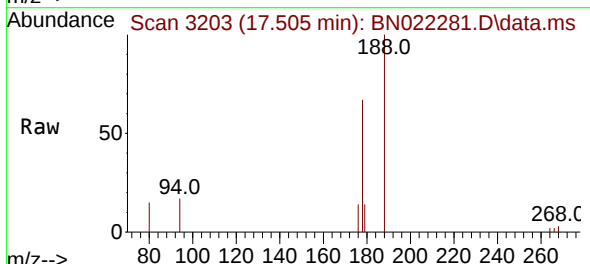
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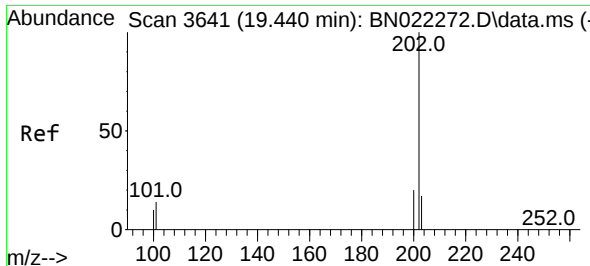
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.049 ng/u1
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

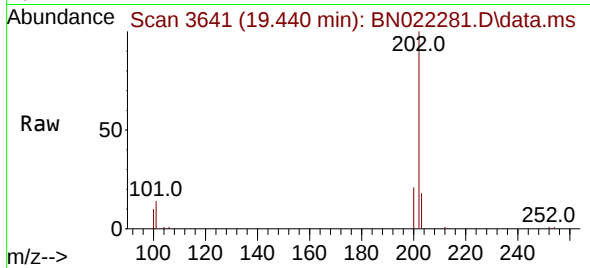
Tgt Ion:178 Resp: 2060
Ion Ratio Lower Upper
178 100
179 20.7 12.6 18.8#
176 21.7 15.0 22.6





#19
Fluoranthene
Concen: 0.297 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

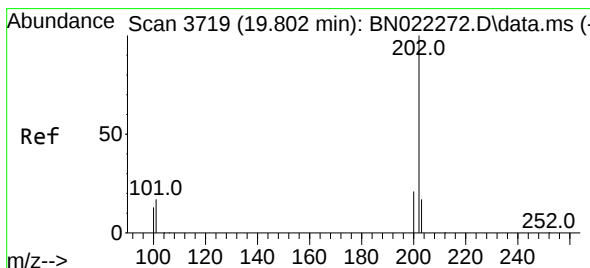
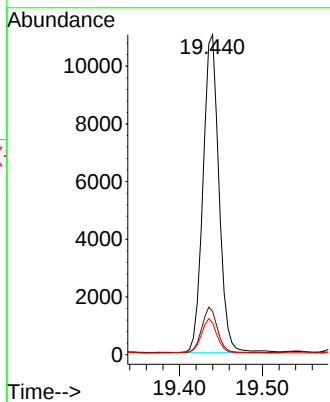
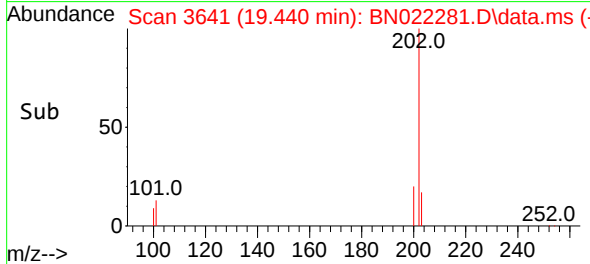
Instrument :
BNA_N
ClientSampleId :
C0BM3DL



Tgt Ion:202 Resp: 14710
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.0 8.7 13.1

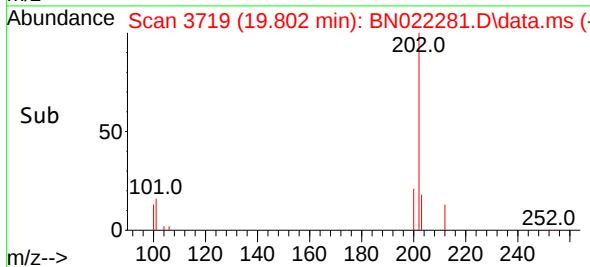
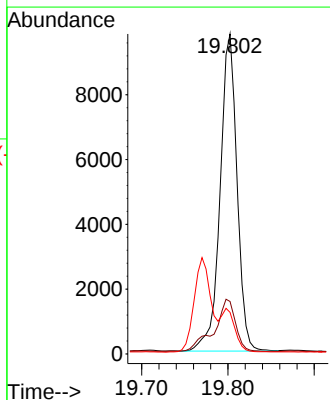
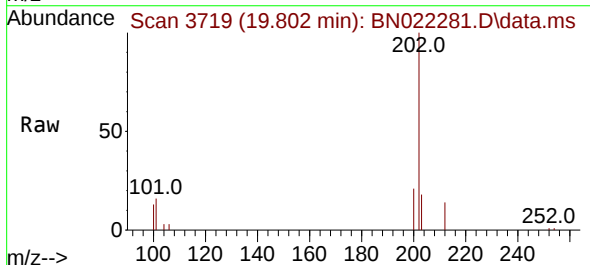
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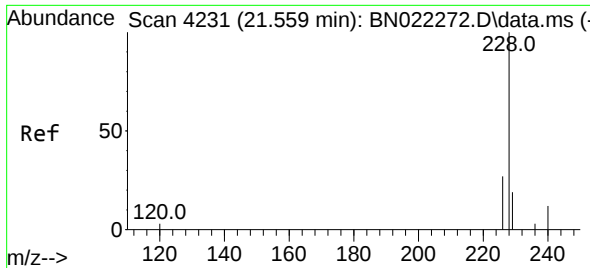
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 0.268 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

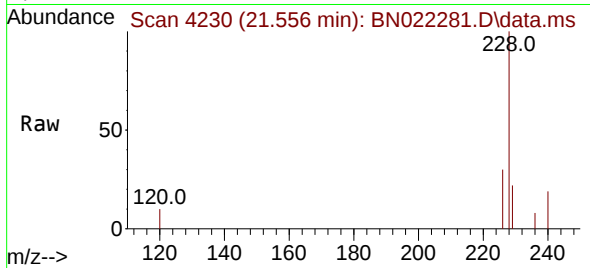
Tgt Ion:202 Resp: 13350
Ion Ratio Lower Upper
202 100
101 16.4 13.1 19.7
100 13.0 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.150 ng/ul
RT: 21.556 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

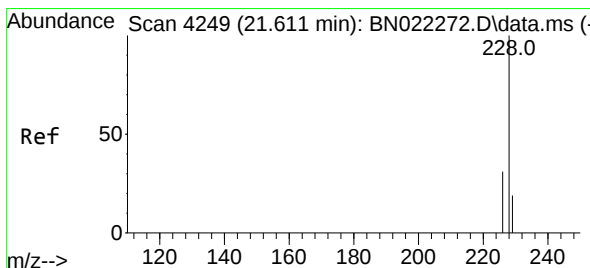
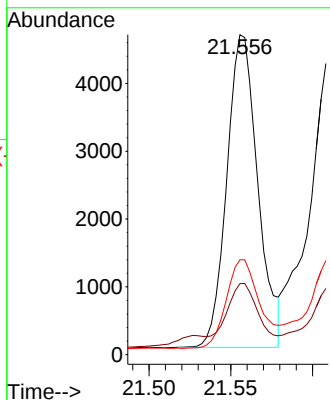
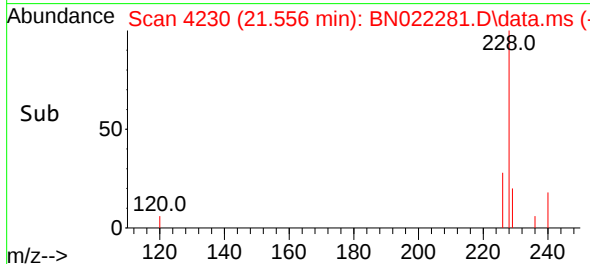
Instrument :
BNA_N
ClientSampleId :
C0BM3DL



Tgt Ion:228 Resp: 6081
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 29.6 21.5 32.3

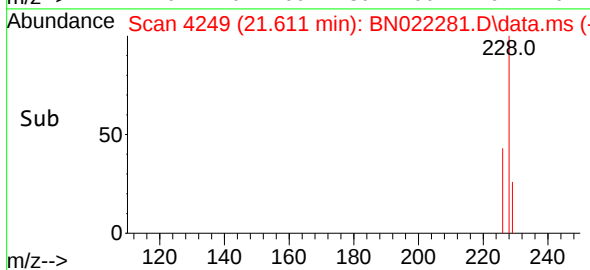
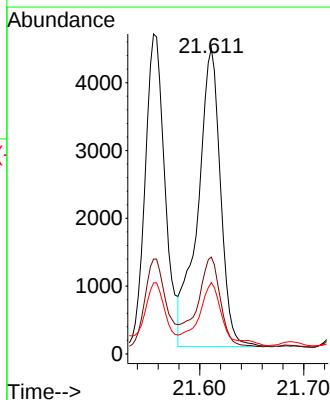
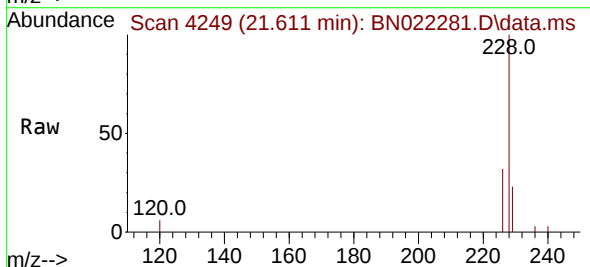
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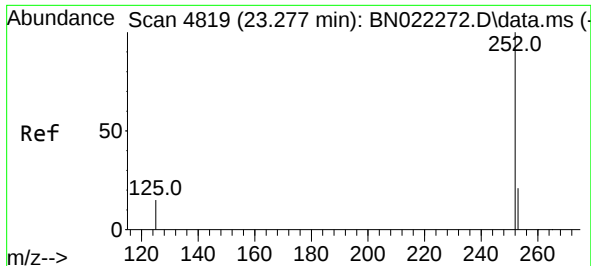
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 0.155 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

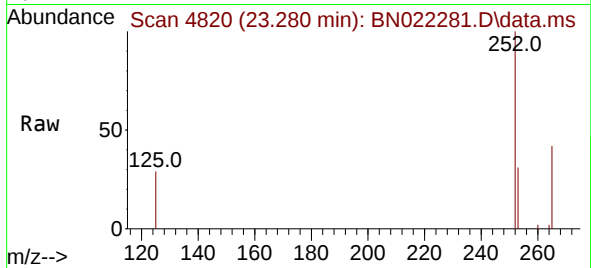
Tgt Ion:228 Resp: 6681
Ion Ratio Lower Upper
228 100
226 31.7 23.9 35.9
229 23.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.170 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

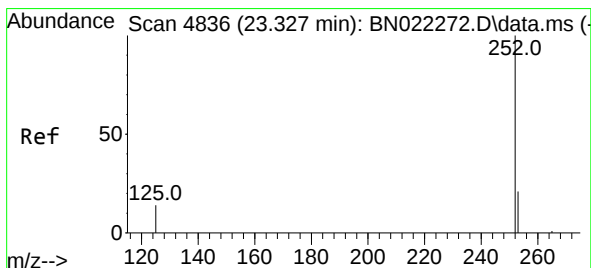
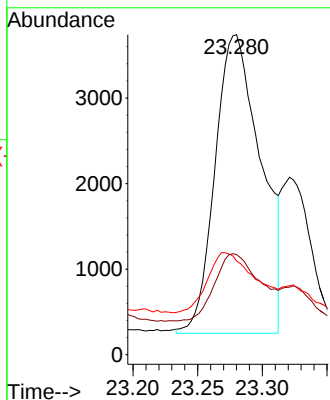
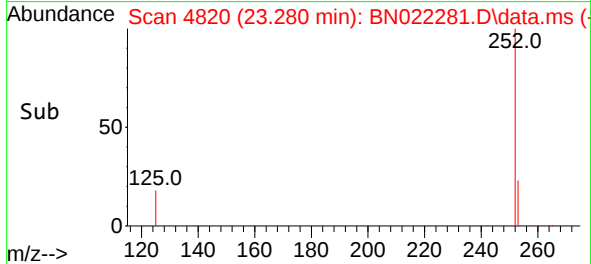
Instrument :
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C0BM3DL



Tgt Ion:252 Resp: 861
Ion Ratio Lower Upper
252 100
253 31.3 0.0 49.0
125 29.3 0.0 35.2

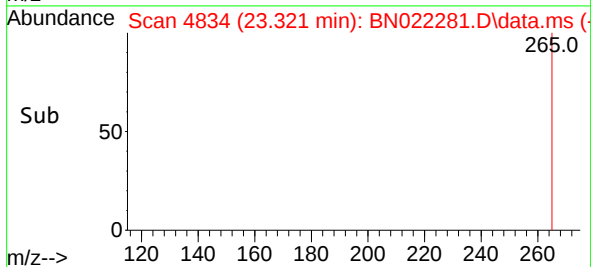
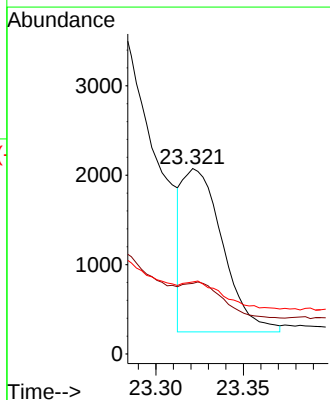
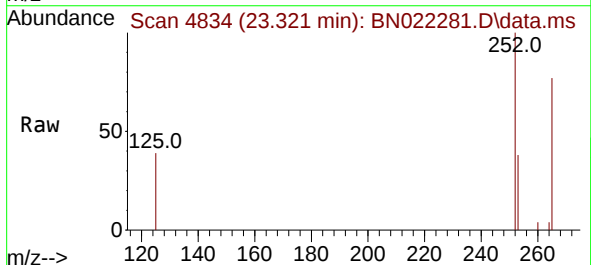
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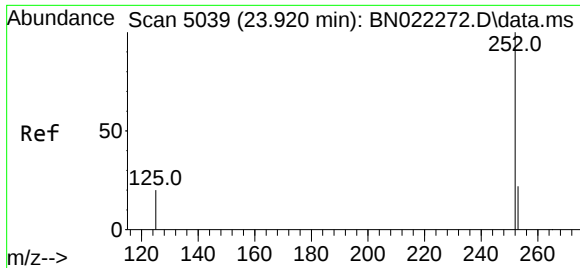
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.060 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

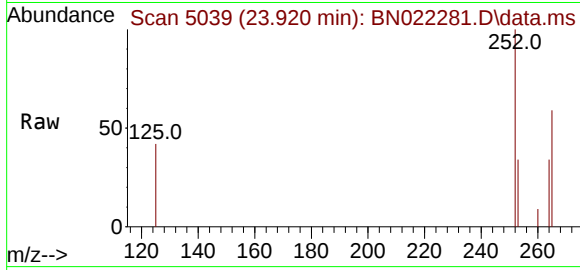
Tgt Ion:252 Resp: 2933
Ion Ratio Lower Upper
252 100
253 38.1 19.7 29.5#
125 38.9 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.139 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. -0.000 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

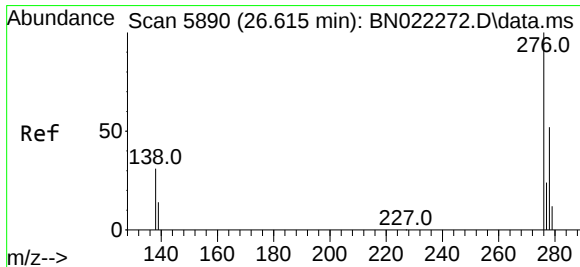
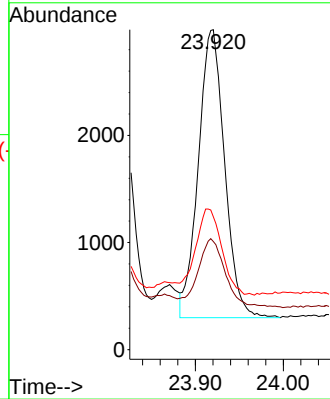
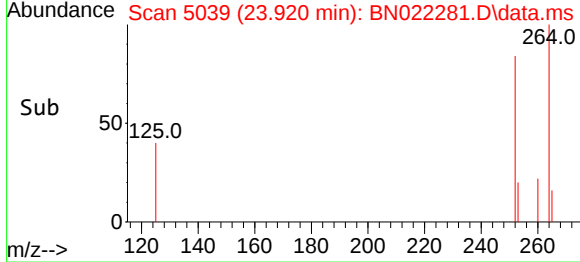
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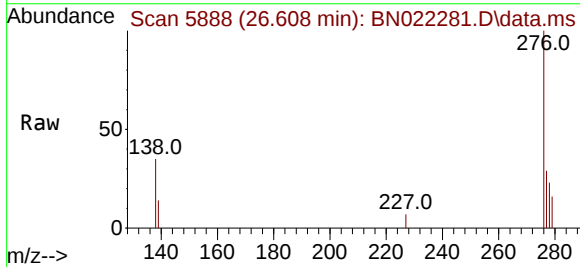
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Ion Ratio Lower Upper
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125 41.5 17.9 26.9

Manual Integrations
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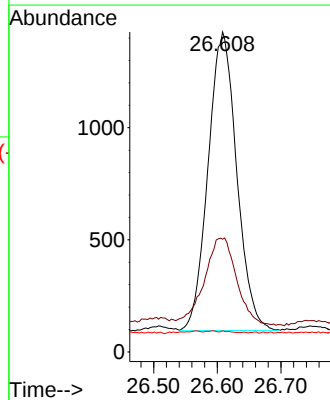
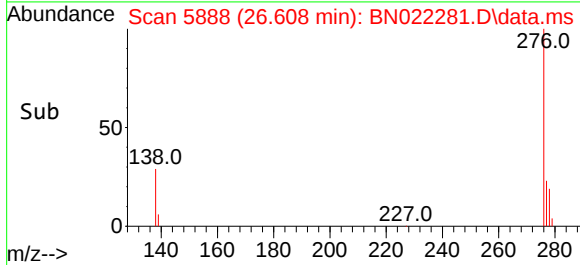
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

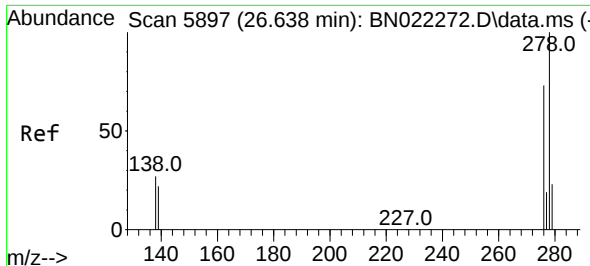


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. -0.007 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14



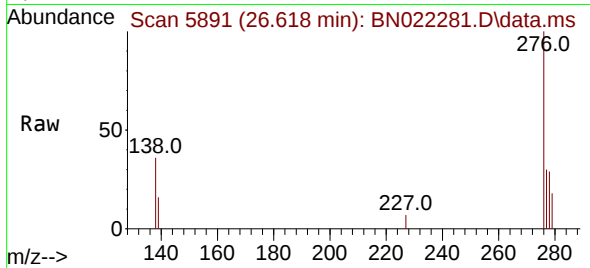
Tgt Ion:276 Resp: 4166
Ion Ratio Lower Upper
276 100
138 33.7 27.7 41.5
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 26.618 min Scan# 5897
Delta R.T. -0.020 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14

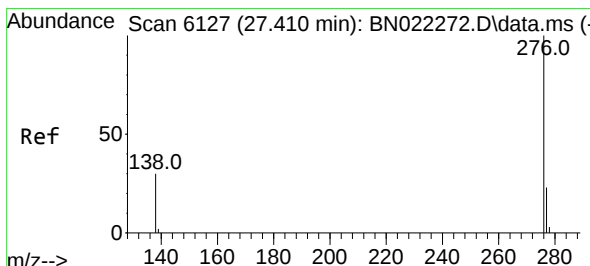
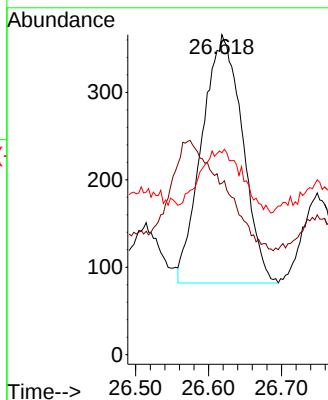
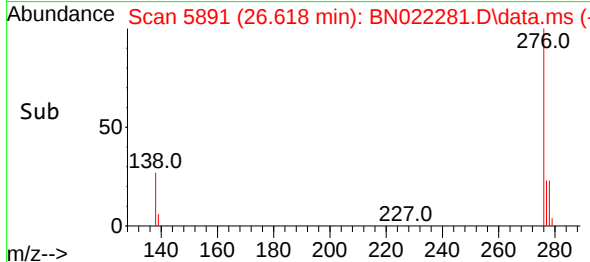
Instrument :
BNA_N
ClientSampleId :
C0BM3DL



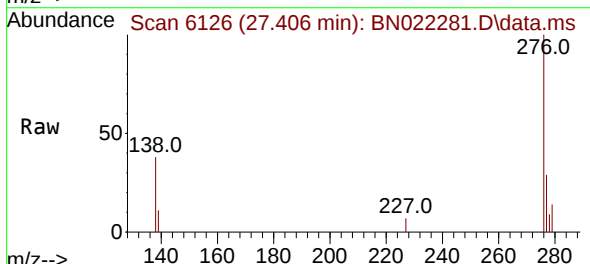
Tgt Ion:278 Resp: 1099
Ion Ratio Lower Upper
278 100
139 53.6 19.6 29.4
279 63.1 20.6 30.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 27.406 min Scan# 6126
Delta R.T. -0.003 min
Lab File: BN022281.D
Acq: 22 Oct 2022 08:14



Tgt Ion:276 Resp: 3958
Ion Ratio Lower Upper
276 100
138 37.6 25.2 37.8
277 29.1 19.9 29.9

