

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028091.D
 Acq On : 06 Oct 2023 19:06
 Operator : MA/JU
 Sample : 04527-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYY7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 00:32:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4883	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	15123	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	8012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	15540	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	14115	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	15737	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4275	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	849	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1715	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	7399	0.172	ng/ul	98
7) 2-Methylnaphthalene	12.412	142	2359	0.087	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	972	0.035	ng/ul	100
10) Acenaphthylene	14.310	152	1541	0.042	ng/ul#	83
15) Phenanthrene	17.380	178	9692	0.209	ng/ul	97
16) Anthracene	17.472	178	1853	0.045	ng/ul#	80
19) Fluoranthene	19.394	202	24885	0.462	ng/ul	98
20) Pyrene	19.762	202	21407m	0.383	ng/ul	
21) Benzo(a)anthracene	21.510	228	17449	0.339	ng/ul#	89
22) Chrysene	21.565	228	29881	0.574	ng/ul#	93
24) Benzo(b)fluoranthene	23.228	252	50354m	0.863	ng/ul	
25) Benzo(k)fluoranthene	23.278	252	18489m	0.318	ng/ul	
26) Benzo(a)pyrene	23.880	252	24762	0.498	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.589	276	29139	0.484	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.596	278	7831	0.160	ng/ul#	23
29) Benzo(g,h,i)perylene	27.404	276	31264	0.635	ng/ul#	91

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

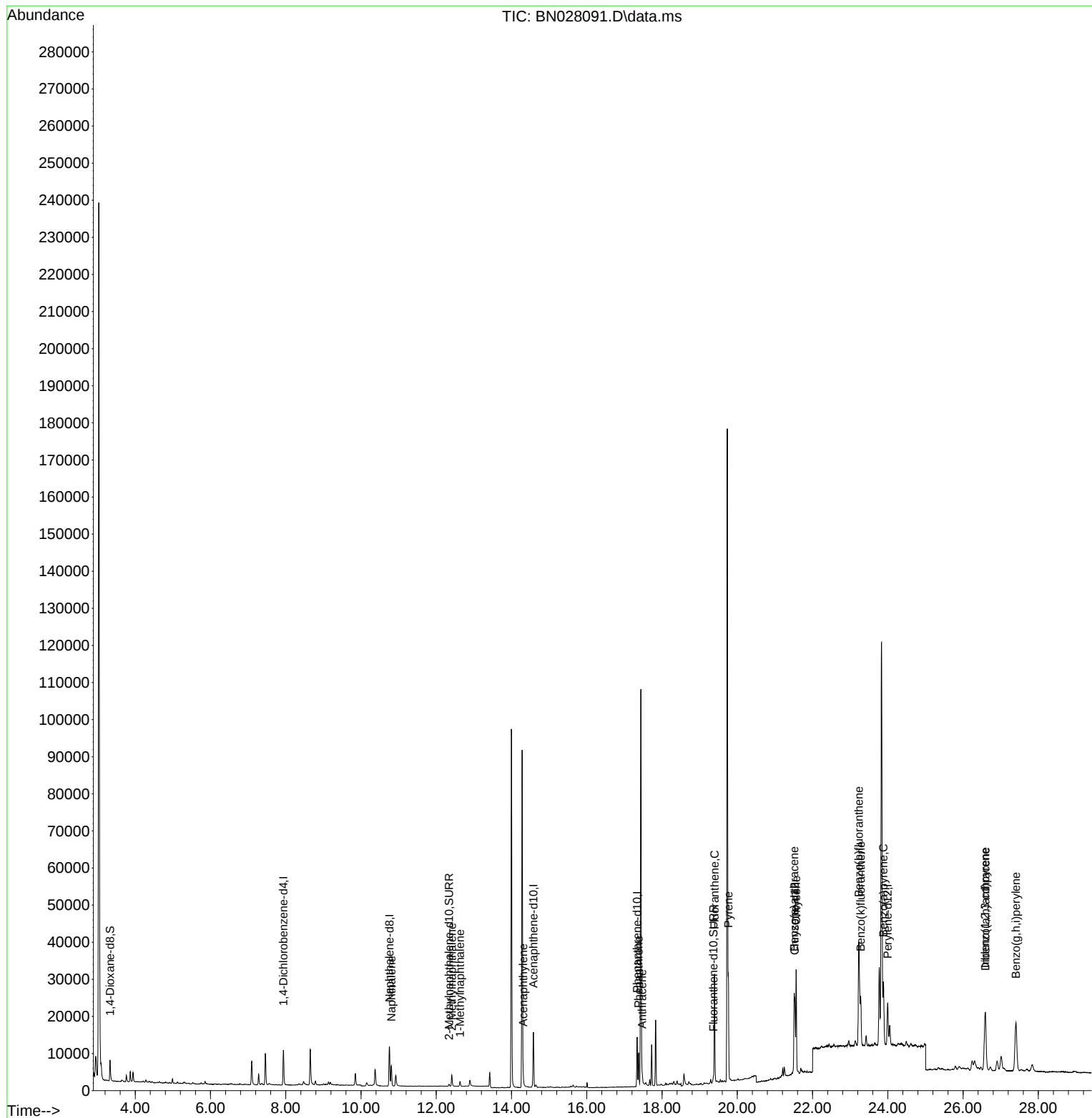
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028091.D
Acq On : 06 Oct 2023 19:06
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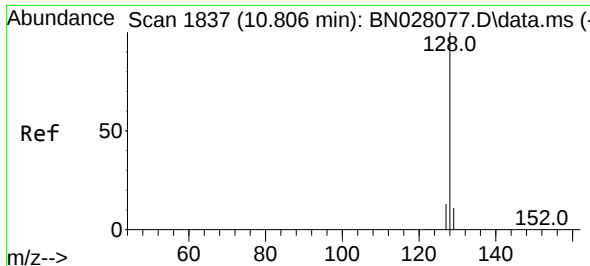
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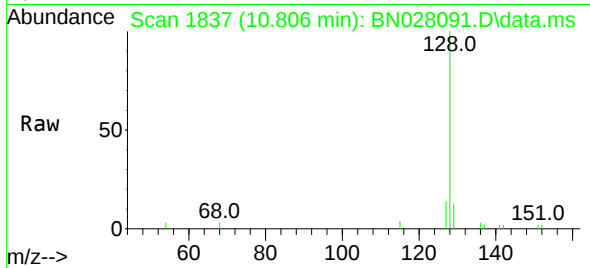
Quant Time: Oct 07 00:32:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

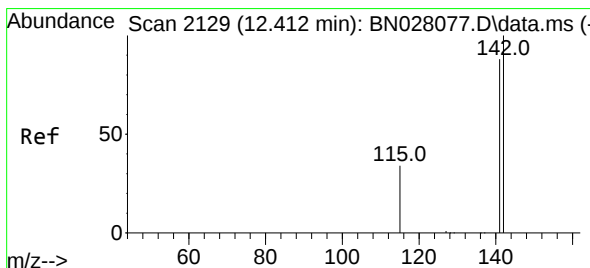
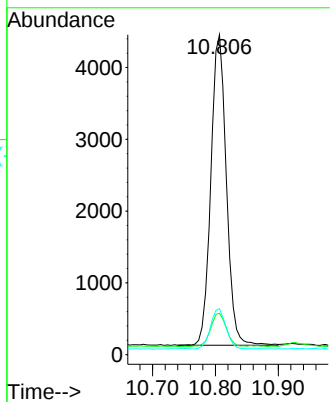
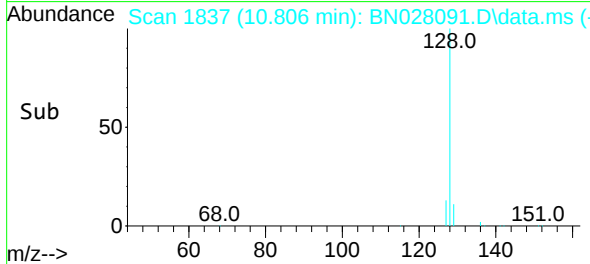
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:128 Resp: 7399
Ion Ratio Lower Upper
128 100
129 13.0 9.4 14.0
127 14.3 11.0 16.4

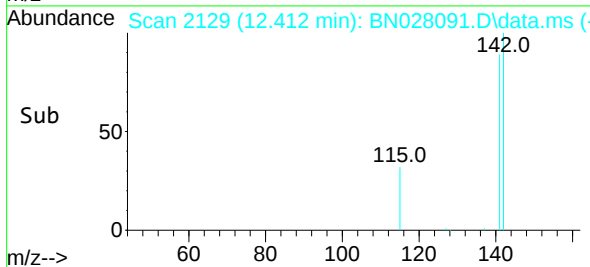
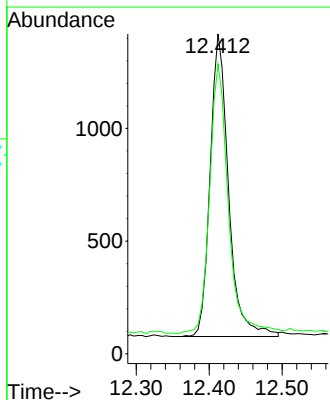
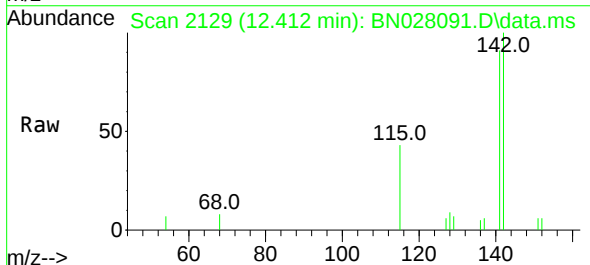
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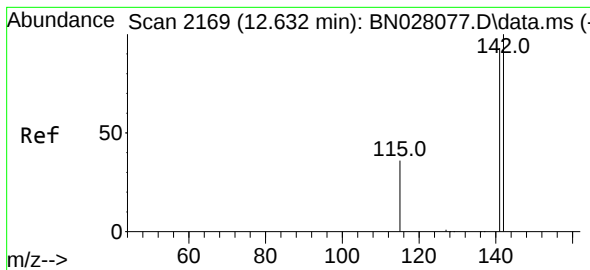
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

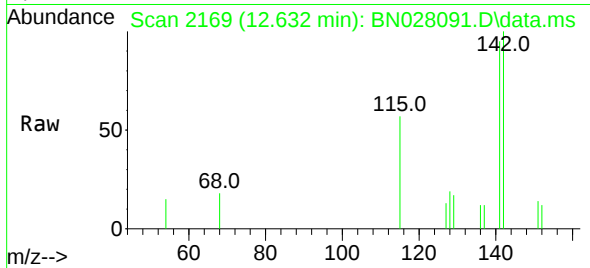
Tgt Ion:142 Resp: 2359
Ion Ratio Lower Upper
142 100
141 90.4 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

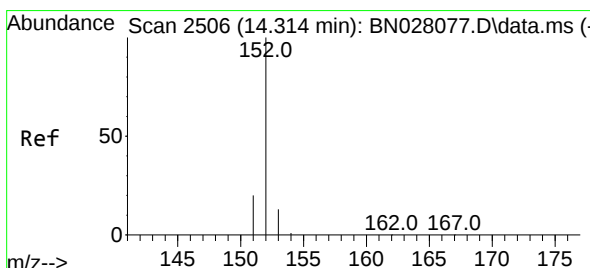
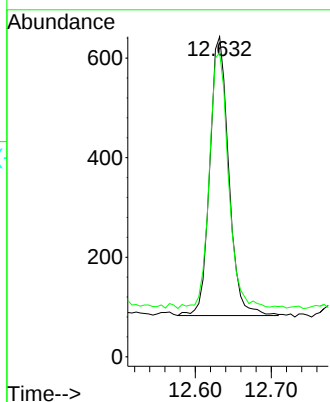
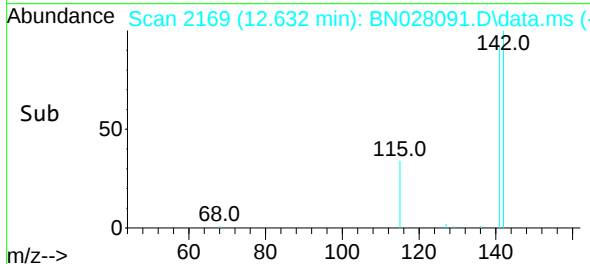
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:142 Resp: 972
Ion Ratio Lower Upper
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141 92.9 74.4 111.6

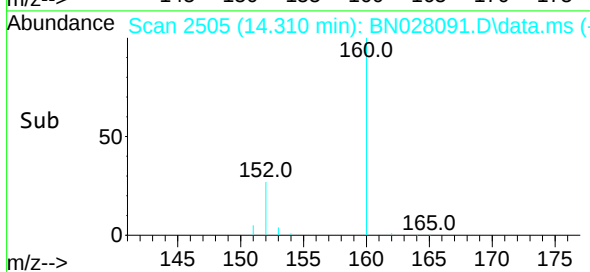
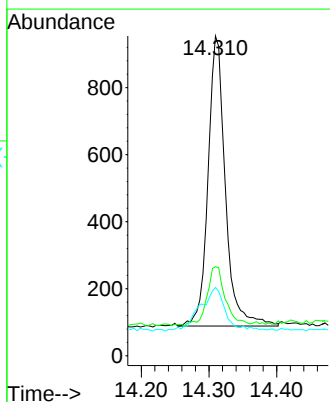
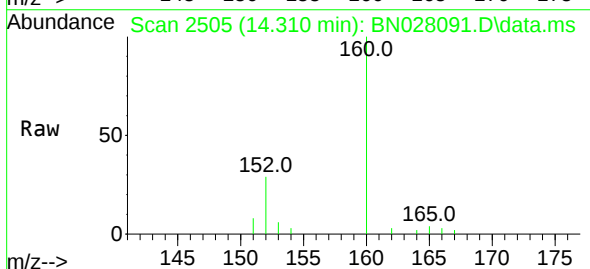
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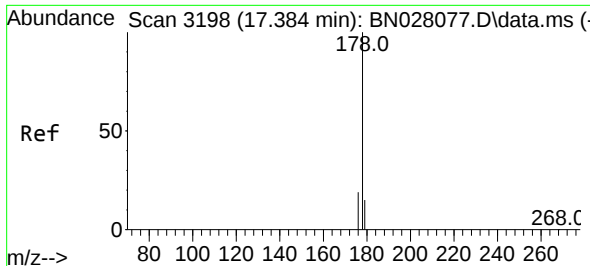
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

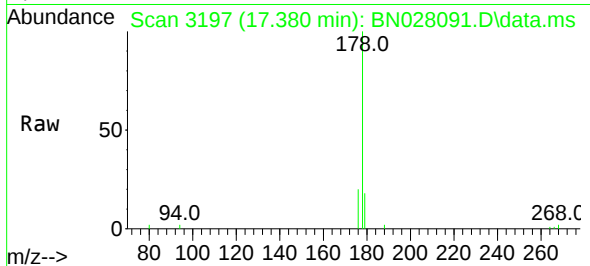
Tgt Ion:152 Resp: 1541
Ion Ratio Lower Upper
152 100
151 27.9 16.4 24.6#
153 21.4 10.9 16.3#





#15
Phenanthrene
Concen: 0.209 ng/u1
RT: 17.380 min Scan# 3198
Delta R.T. 0.004 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

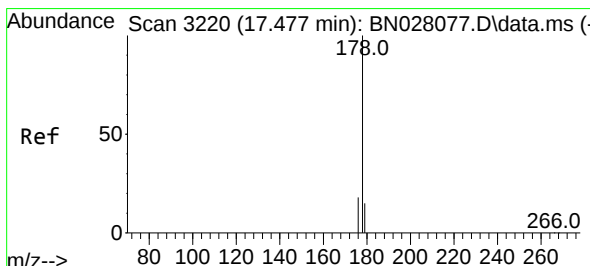
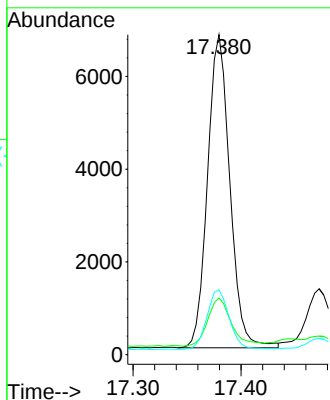
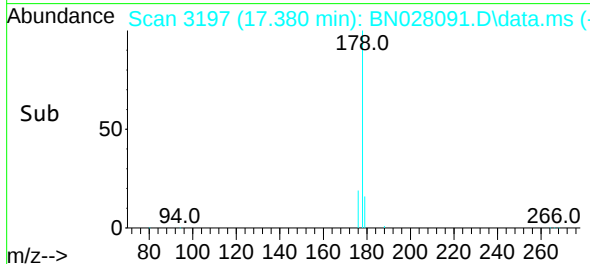
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:178 Resp: 9692
Ion Ratio Lower Upper
178 100
179 17.8 12.6 19.0
176 20.2 15.5 23.3

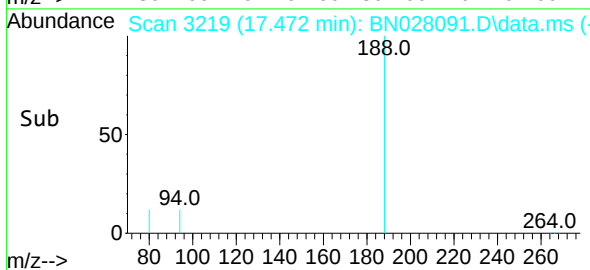
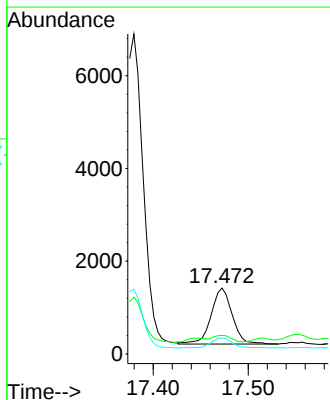
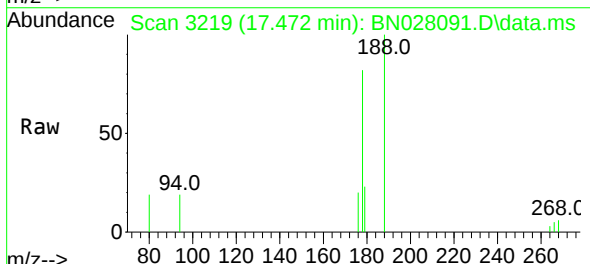
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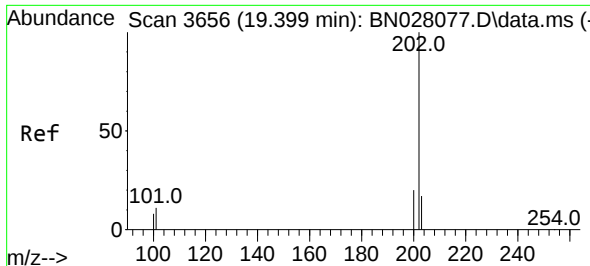
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#16
Anthracene
Concen: 0.045 ng/u1
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

Tgt Ion:178 Resp: 1853
Ion Ratio Lower Upper
178 100
179 28.3 12.8 19.2#
176 24.5 15.0 22.6#





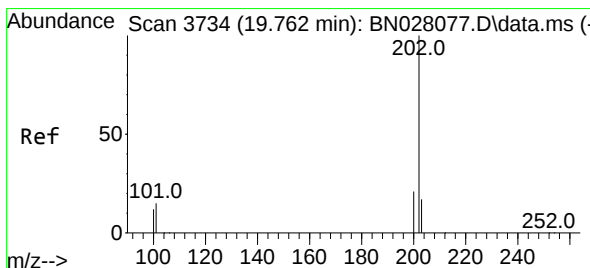
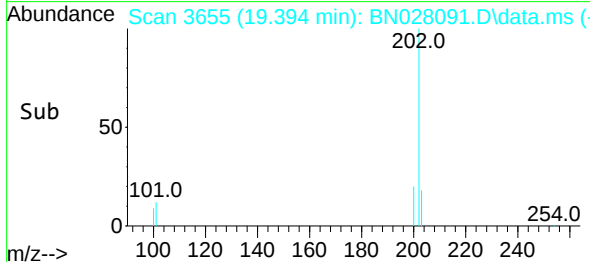
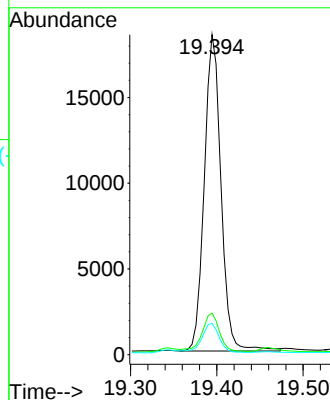
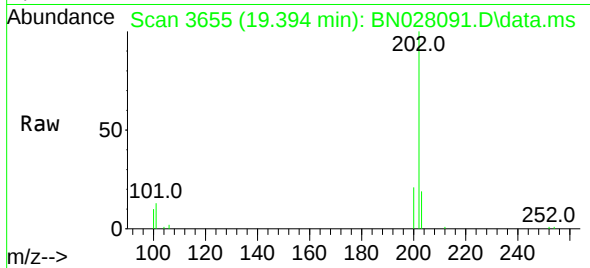
#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.394 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

Instrument :
BNA_N
ClientSampleId :
EZY7DL

Tgt Ion:202 Resp: 2488
Ion Ratio Lower Upper
202 100
101 13.0 9.6 14.4
100 9.8 7.4 11.0

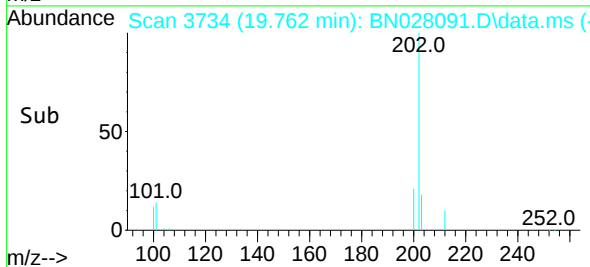
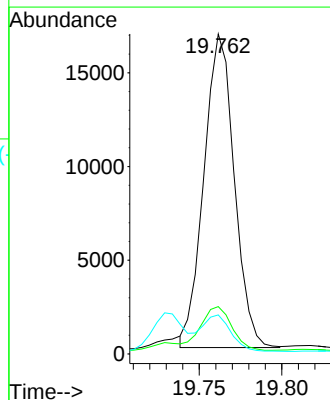
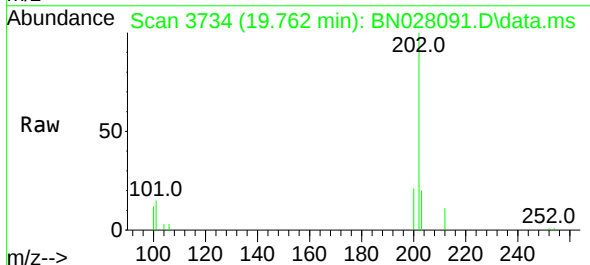
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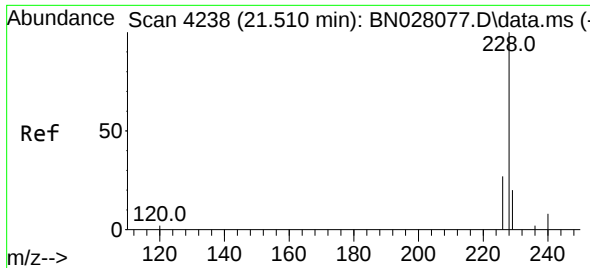
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#20
Pyrene
Concen: 0.383 ng/ul m
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

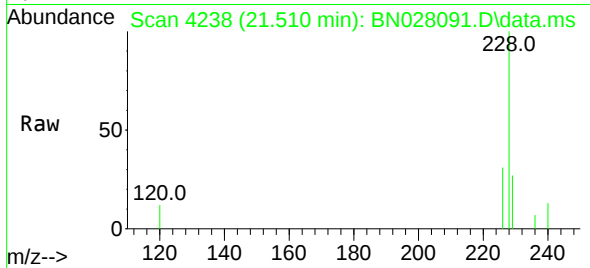
Tgt Ion:202 Resp: 21407
Ion Ratio Lower Upper
202 100
101 14.8 11.2 16.8
100 12.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.339 ng/u1
RT: 21.510 min Scan# 4238
Delta R.T. 0.009 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

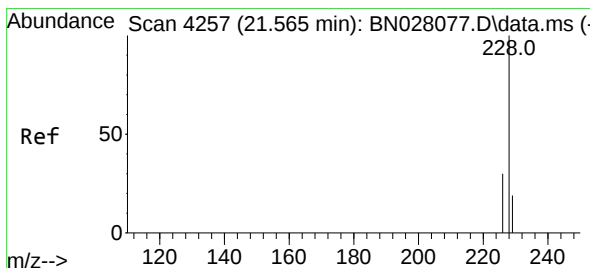
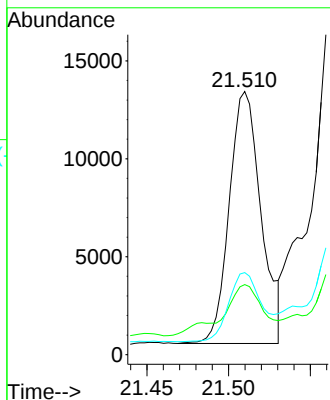
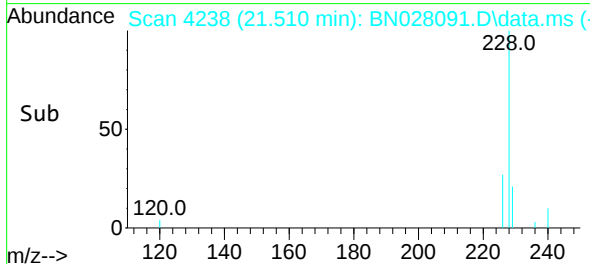
Instrument :
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EZY7DL



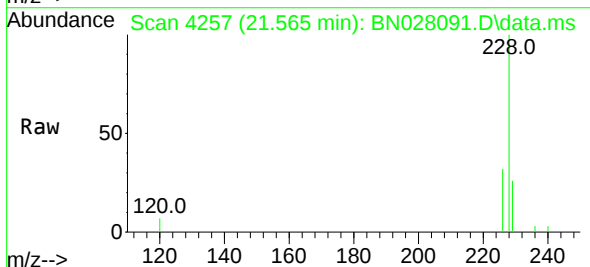
Tgt Ion:228 Resp: 17449
Ion Ratio Lower Upper
228 100
229 26.6 16.0 24.0
226 31.2 21.5 32.3

Manual Integrations
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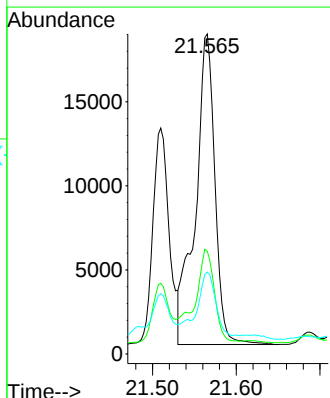
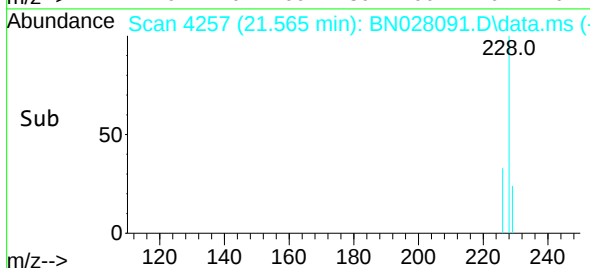
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

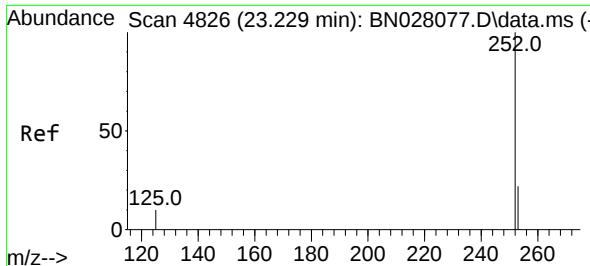


#22
Chrysene
Concen: 0.574 ng/u1
RT: 21.565 min Scan# 4257
Delta R.T. 0.009 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06



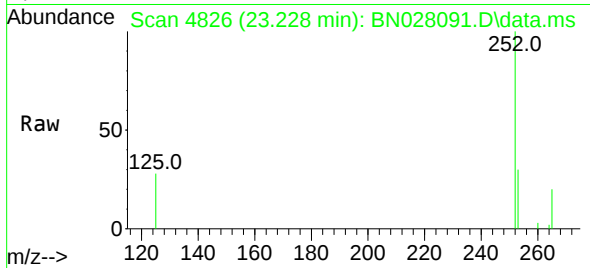
Tgt Ion:228 Resp: 29881
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.8
229 25.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.863 ng/ul m
RT: 23.228 min Scan# 4826
Delta R.T. 0.012 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

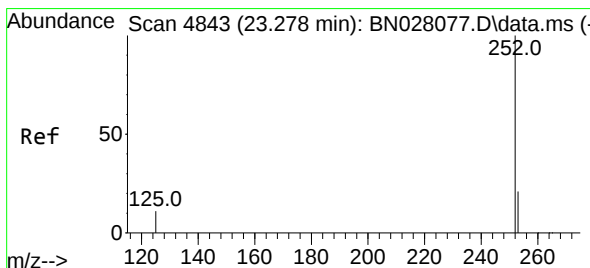
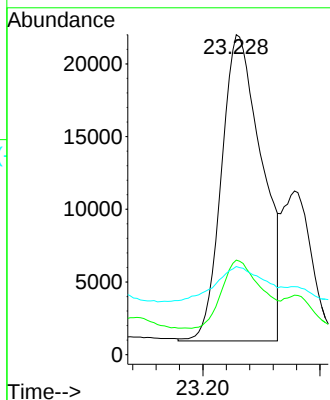
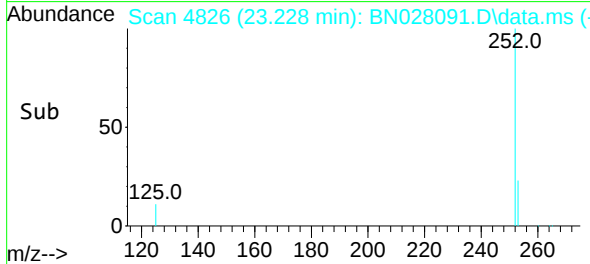
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:252 Resp: 50354
Ion Ratio Lower Upper
252 100
253 29.5 0.0 54.0
125 27.5 0.0 31.4

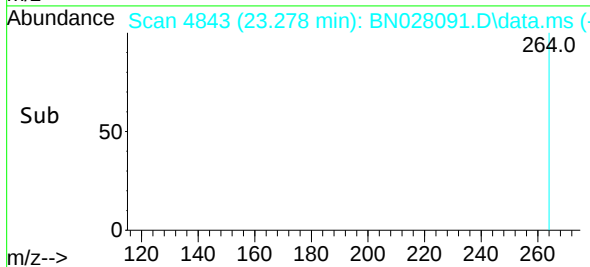
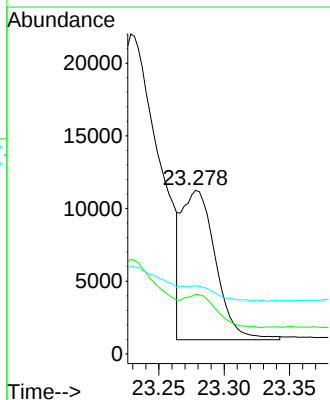
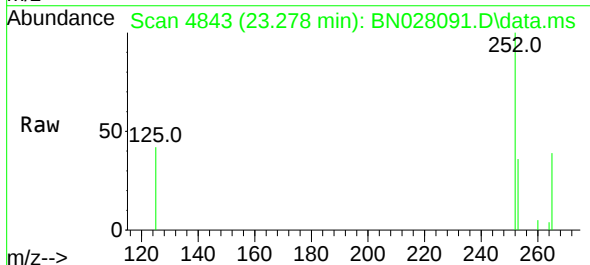
Manual Integrations
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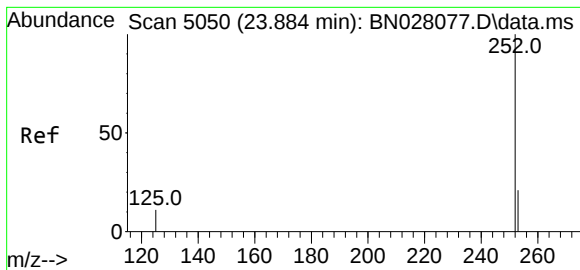
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul m
RT: 23.278 min Scan# 4843
Delta R.T. 0.012 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

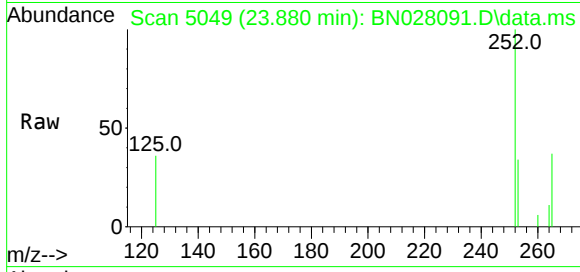
Tgt Ion:252 Resp: 18489
Ion Ratio Lower Upper
252 100
253 36.4 21.8 32.8#
125 41.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.498 ng/ul
RT: 23.880 min Scan# 5050
Delta R.T. 0.012 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

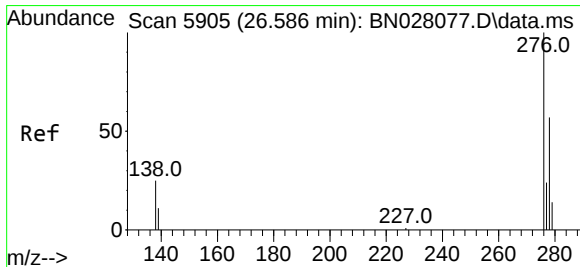
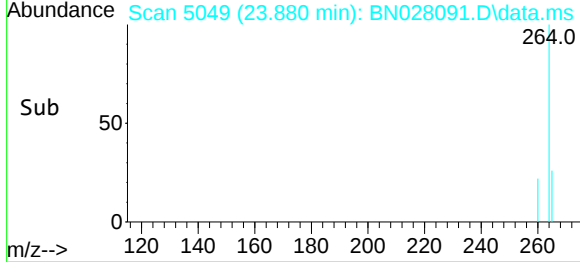
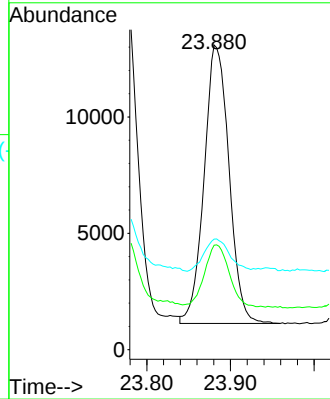
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:	252	Resp:	2476
Ion Ratio	Lower	Upper	
252	100		
253	34.3	23.4	35.2
125	36.3	15.3	22.9

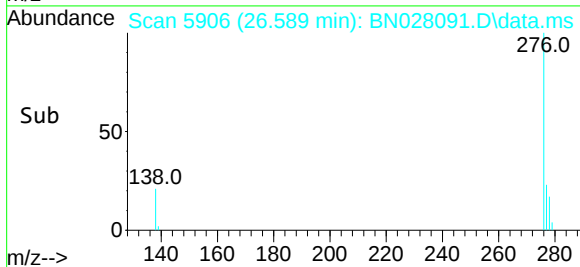
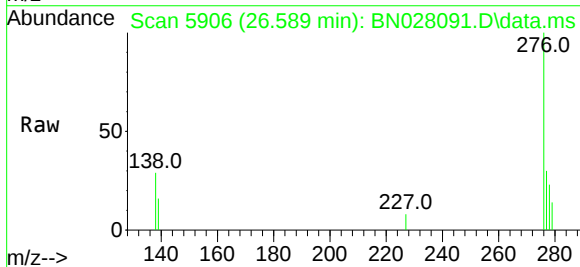
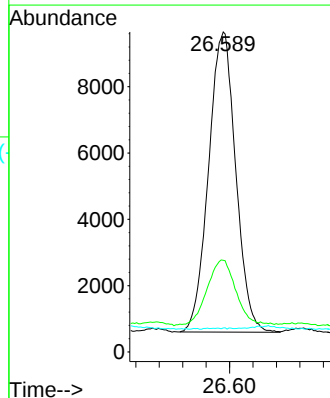
Manual Integrations
APPROVED

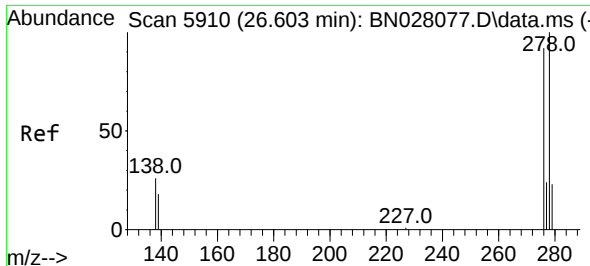
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.484 ng/ul
RT: 26.589 min Scan# 5906
Delta R.T. 0.023 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

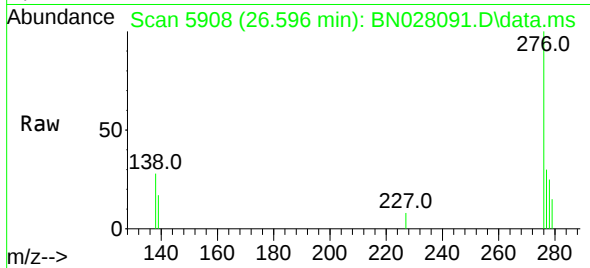
Tgt Ion:	276	Resp:	29139
Ion Ratio	Lower	Upper	
276	100		
138	23.7	21.6	32.4
227	0.1	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.160 ng/ul
RT: 26.596 min Scan# 5908
Delta R.T. 0.013 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06

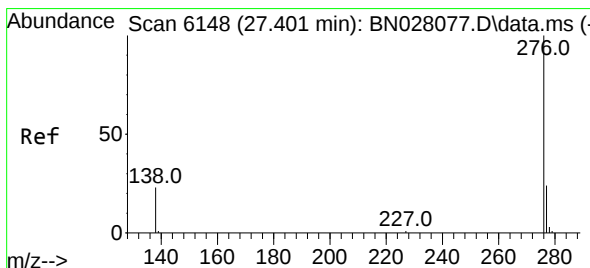
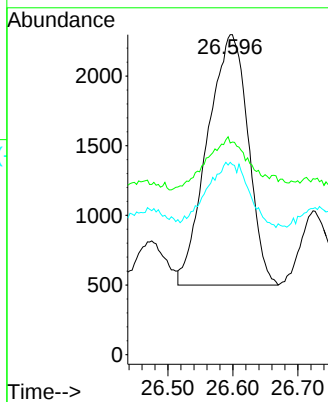
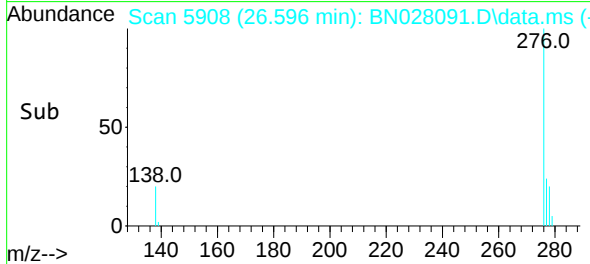
Instrument :
BNA_N
ClientSampleId :
EZY7DL



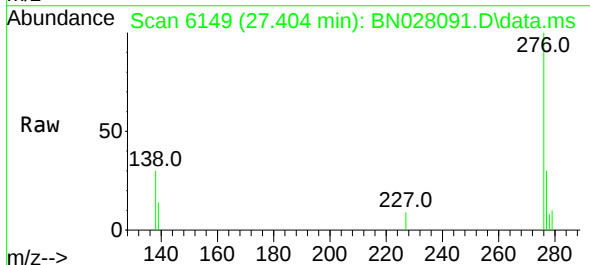
Tgt Ion:278 Resp: 783
Ion Ratio Lower Upper
278 100
139 66.2 15.9 23.9
279 60.1 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#29
Benzo(g,h,i)perylene
Concen: 0.635 ng/ul
RT: 27.404 min Scan# 6149
Delta R.T. 0.027 min
Lab File: BN028091.D
Acq: 06 Oct 2023 19:06



Tgt Ion:276 Resp: 31264
Ion Ratio Lower Upper
276 100
138 29.9 19.8 29.6
277 30.0 20.6 31.0

