

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028891.D
 Acq On : 27 Nov 2023 22:34
 Operator : MA/JU
 Sample : 05416-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 04:31:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	4847m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.424	136	16930	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.289	164	9947	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.044	188	17336	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.261	240	10992	0.400	ng/ul	# 0.00
23) Perylene-d12	23.535	264	12074	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	17503	3.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	4087	0.160	ng/ul	-0.04
18) Fluoranthene-d10	19.086	212	8326	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.473	128	42385	0.893	ng/ul	99
7) 2-Methylnaphthalene	12.096	142	40320	1.290	ng/ul	99
8) 1-Methylnaphthalene	12.316	142	39656	1.249	ng/ul	100
12) Fluorene	15.344	166	1798	0.042	ng/ul#	76
15) Phenanthrene	17.082	178	133885	2.514	ng/ul	100
16) Anthracene	17.175	178	4730	0.097	ng/ul#	80
19) Fluoranthene	19.113	202	50668	1.084	ng/ul	98
20) Pyrene	19.476	202	42379	0.875	ng/ul#	94
21) Benzo(a)anthracene	21.247	228	18612m	0.428	ng/ul	
22) Chrysene	21.296	228	40212m	0.946	ng/ul	
24) Benzo(b)fluoranthene	22.848	252	31833m	0.702	ng/ul	
25) Benzo(k)fluoranthene	22.889	252	9369m	0.197	ng/ul	
26) Benzo(a)pyrene	23.433	252	15573	0.364	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.858	276	12841	0.270	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.878	278	3515	0.093	ng/ul#	26
29) Benzo(g,h,i)perylene	26.569	276	15517	0.399	ng/ul	93

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

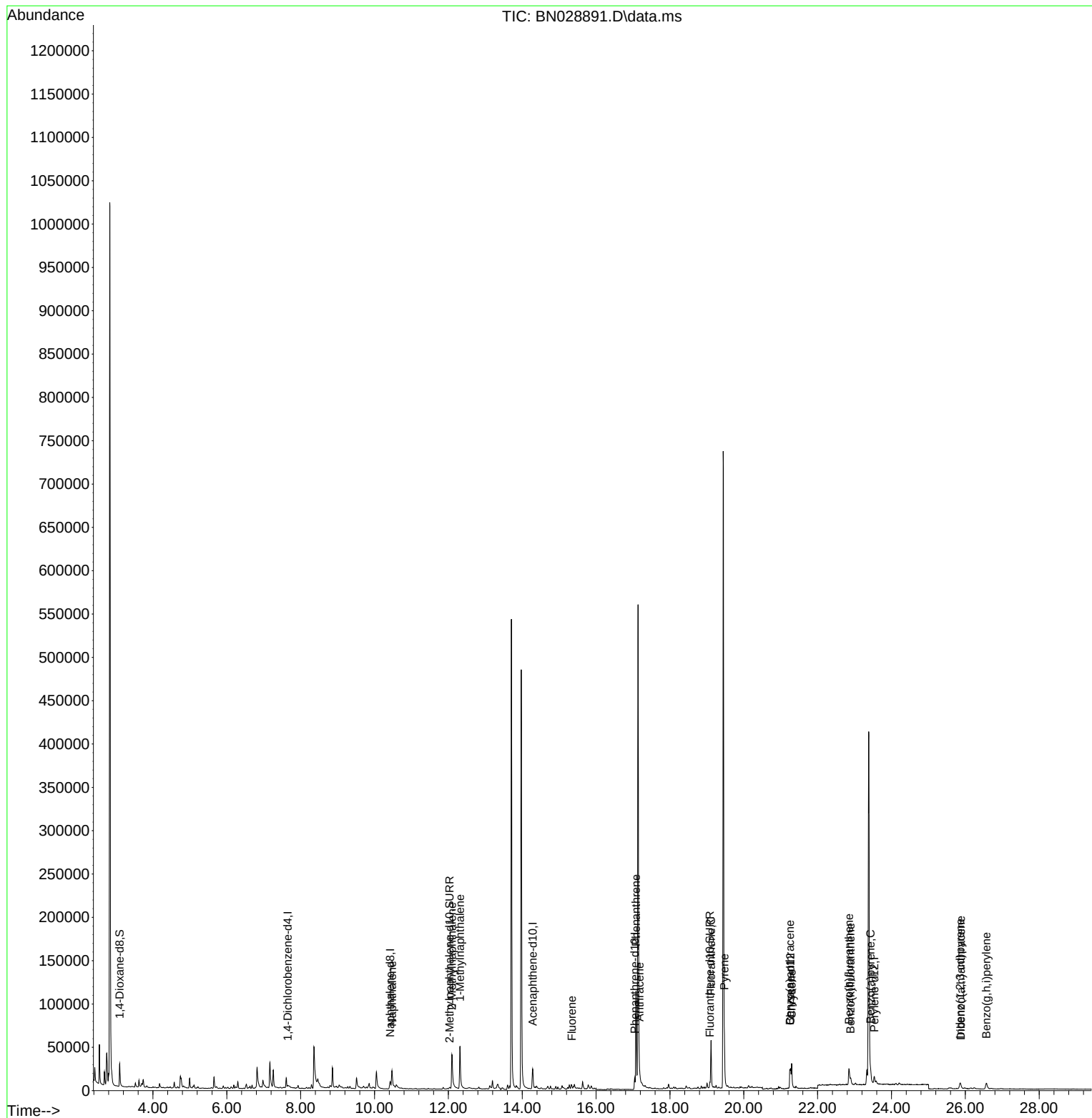
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028891.D
Acq On : 27 Nov 2023 22:34
Operator : MA/JU
Sample : 05416-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

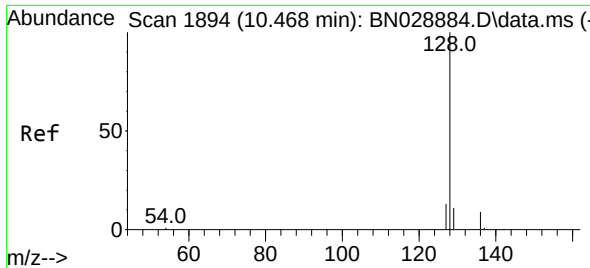
Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

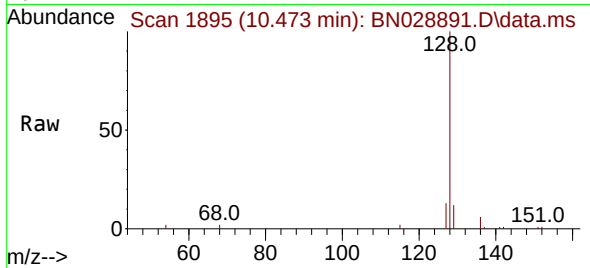
Quant Time: Nov 28 04:31:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.893 ng/ul
RT: 10.473 min Scan# 1895
Delta R.T. -0.033 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

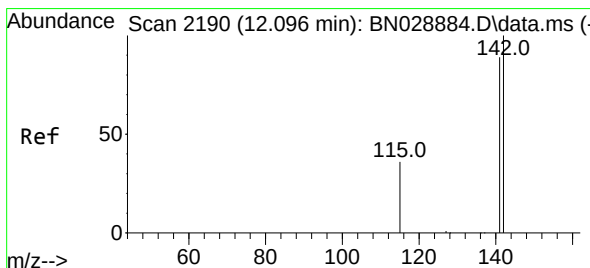
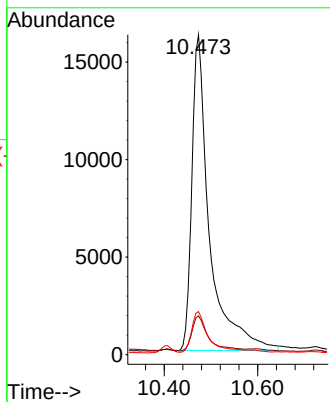
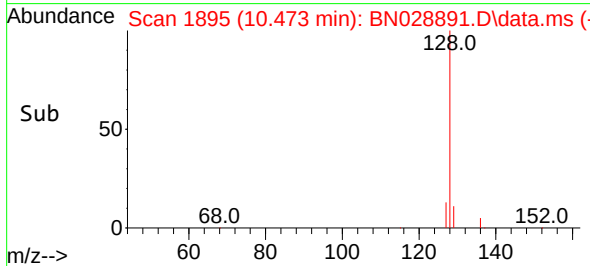
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:128 Resp: 42385
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.4 10.7 16.1

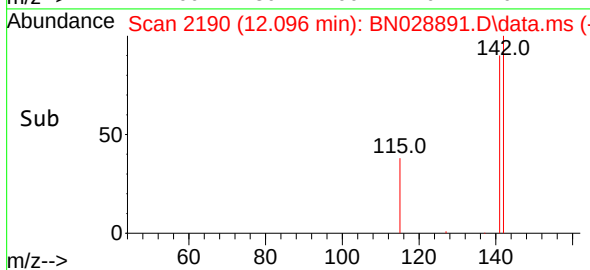
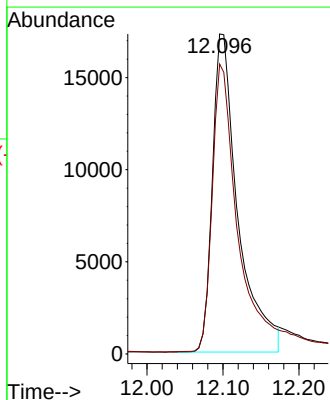
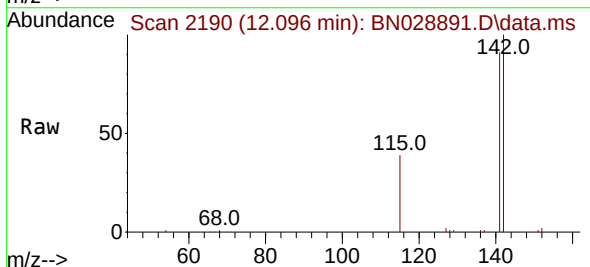
Manual Integrations
APPROVED

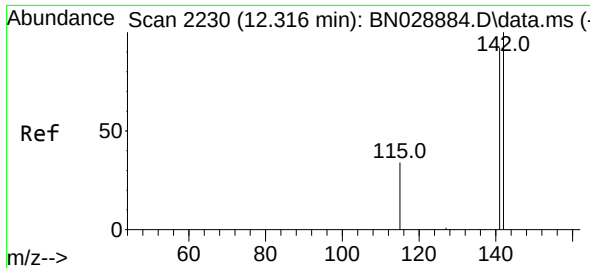
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 1.290 ng/ul
RT: 12.096 min Scan# 2190
Delta R.T. -0.044 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

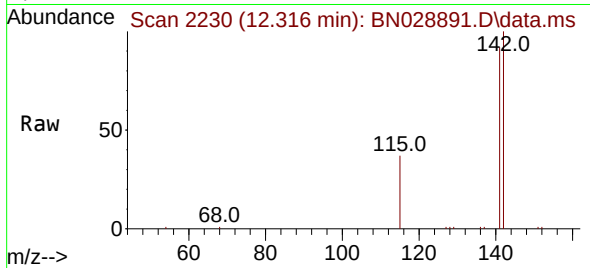
Tgt Ion:142 Resp: 40320
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2





#8
1-Methylnaphthalene
Concen: 1.249 ng/ul
RT: 12.316 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

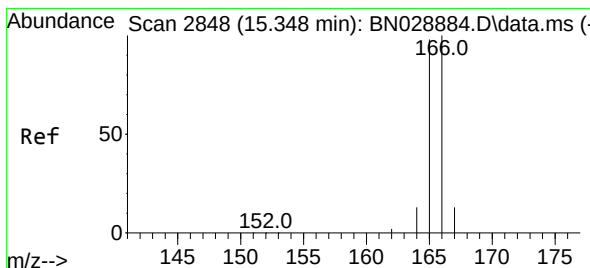
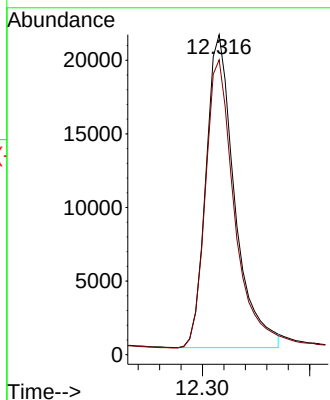
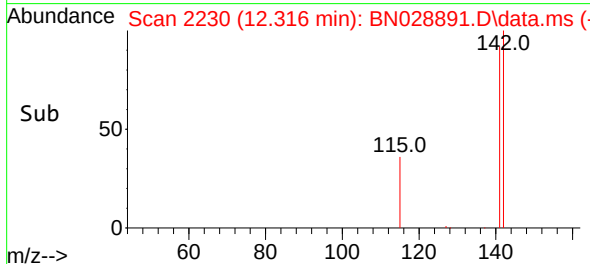
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:142 Resp: 39650
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

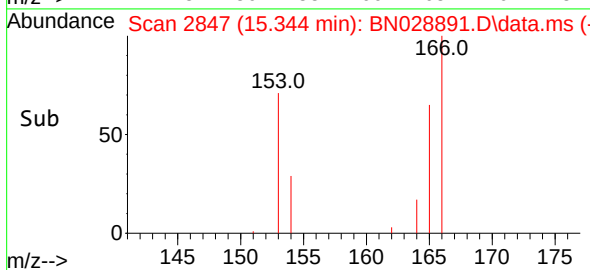
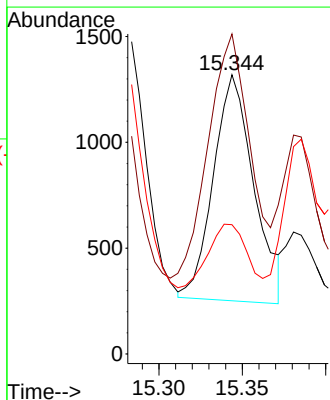
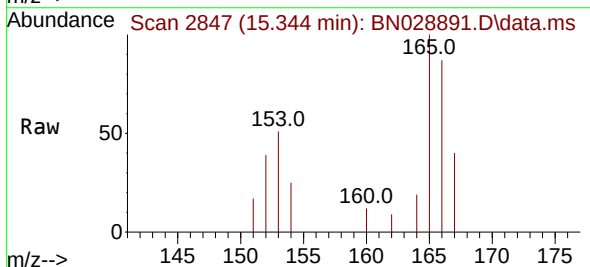
Manual Integrations
APPROVED

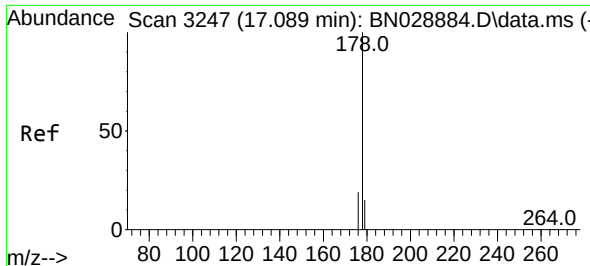
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.344 min Scan# 2847
Delta R.T. -0.023 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

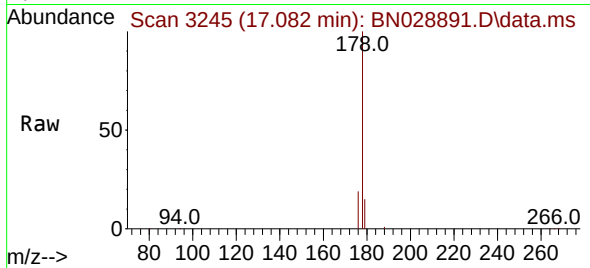
Tgt Ion:166 Resp: 1798
Ion Ratio Lower Upper
166 100
165 114.6 78.6 118.0
167 46.3 11.0 16.6#





#15
Phenanthrene
Concen: 2.514 ng/u1
RT: 17.082 min Scan# 31
Delta R.T. -0.021 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

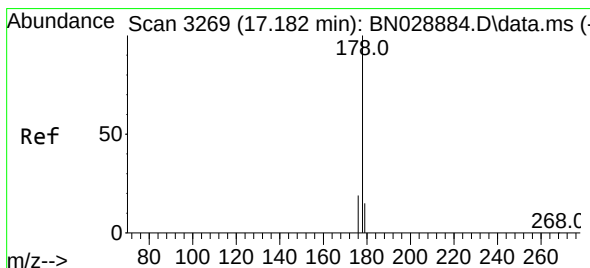
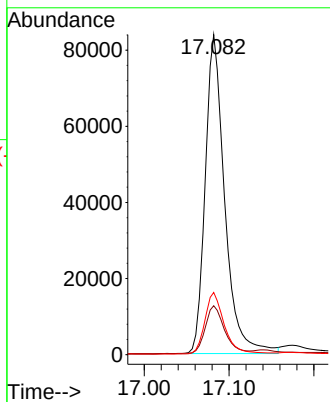
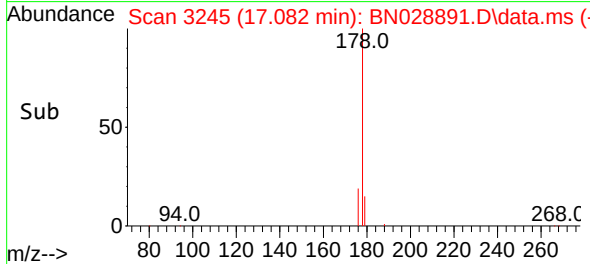
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:178 Resp: 13388
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.5 15.4 23.2

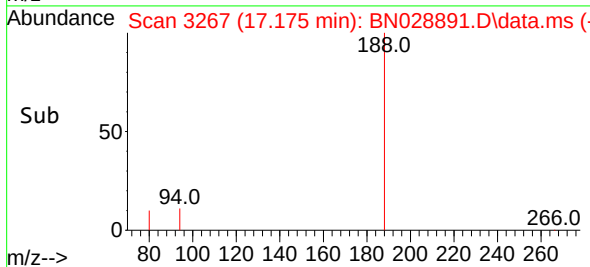
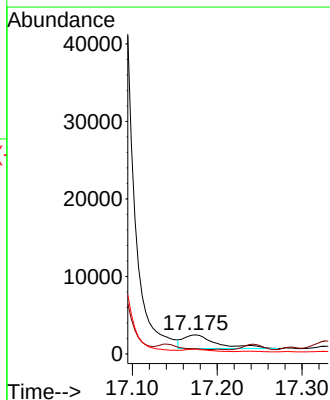
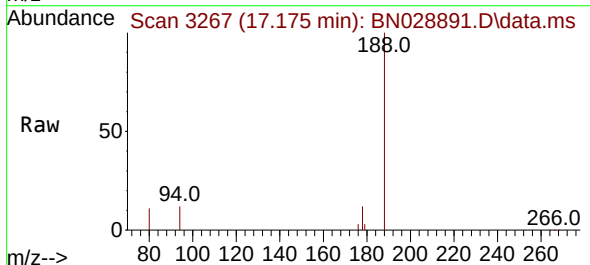
Manual Integrations
APPROVED

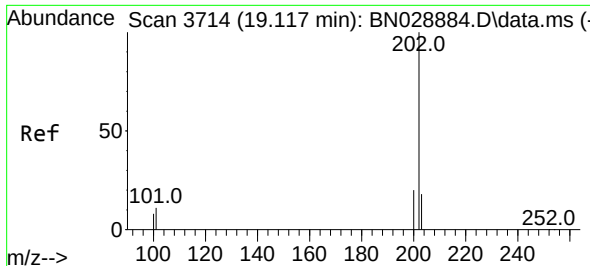
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#16
Anthracene
Concen: 0.097 ng/u1
RT: 17.175 min Scan# 3267
Delta R.T. -0.030 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

Tgt Ion:178 Resp: 4730
Ion Ratio Lower Upper
178 100
179 27.3 12.6 18.8#
176 24.8 14.9 22.3#





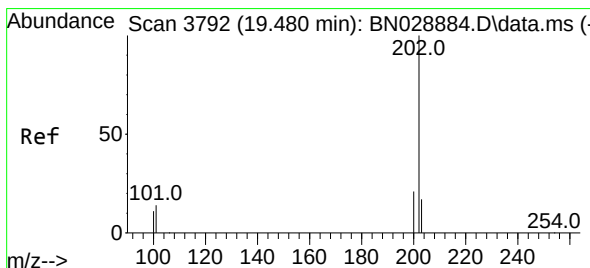
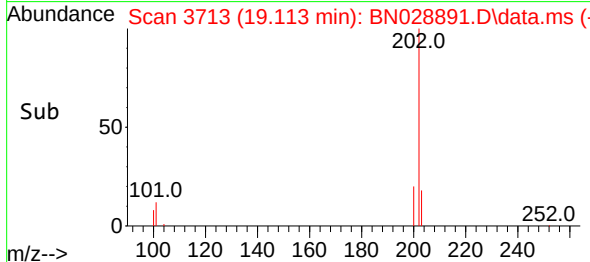
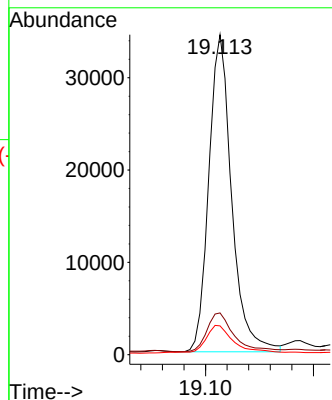
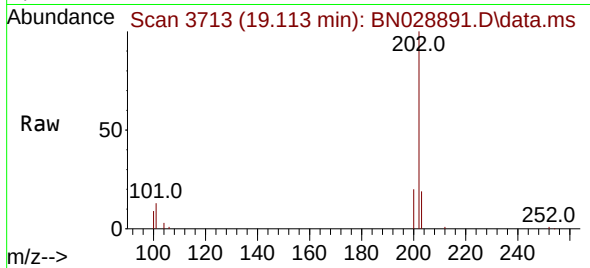
#19
Fluoranthene
Concen: 1.084 ng/u1
RT: 19.113 min Scan# 3714
Delta R.T. -0.009 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

Instrument :
BNA_N
ClientSampleId :
C0AB4

Tgt Ion:202 Resp: 50668
Ion Ratio Lower Upper
202 100
101 13.1 9.5 14.3
100 9.0 7.2 10.8

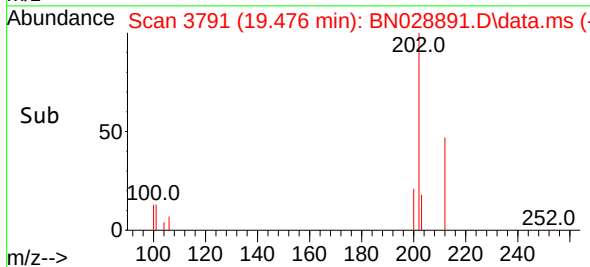
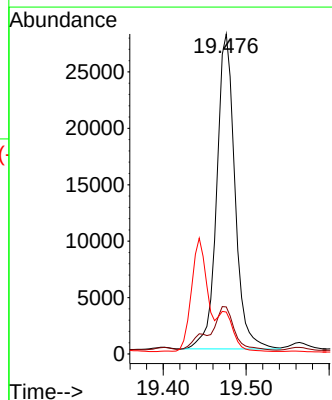
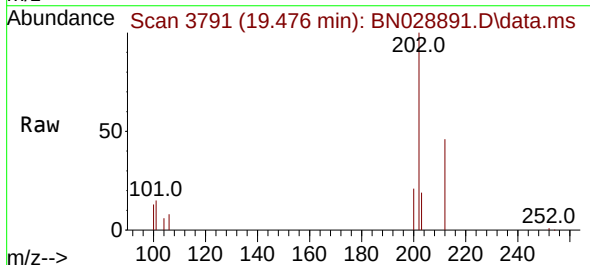
Manual Integrations
APPROVED

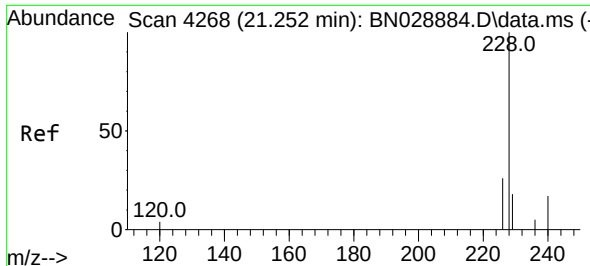
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 0.875 ng/u1
RT: 19.476 min Scan# 3791
Delta R.T. -0.009 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

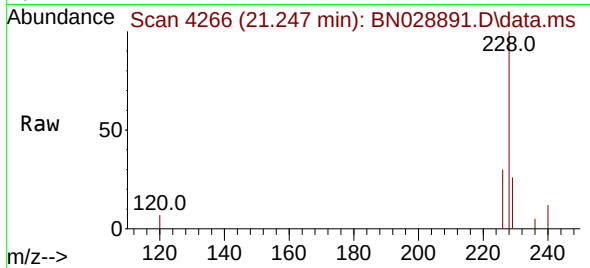
Tgt Ion:202 Resp: 42379
Ion Ratio Lower Upper
202 100
101 14.7 10.3 15.5
100 13.1 8.2 12.2#





#21
Benzo(a)anthracene
Concen: 0.428 ng/ul m
RT: 21.247 min Scan# 4266
Delta R.T. -0.009 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

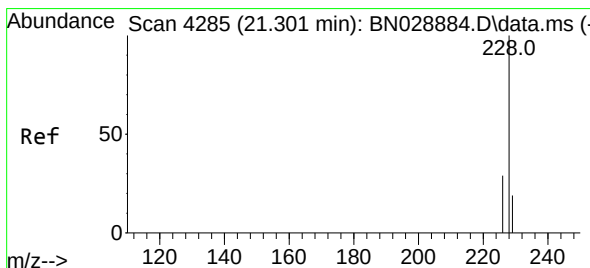
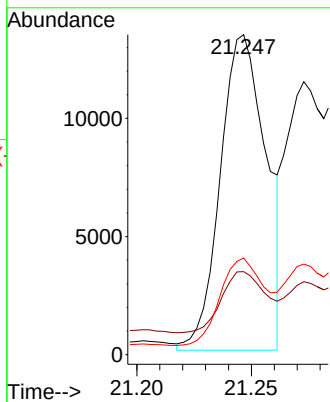
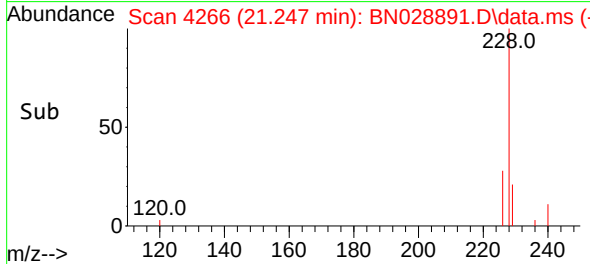
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:228 Resp: 18612
Ion Ratio Lower Upper
228 100
229 26.0 15.7 23.5
226 30.2 21.4 32.0

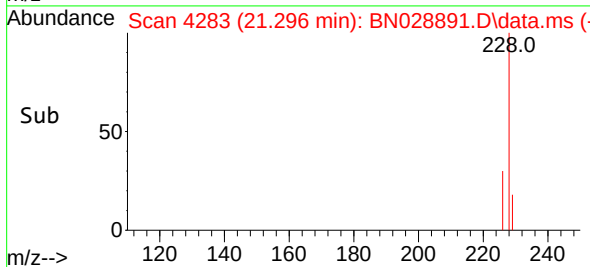
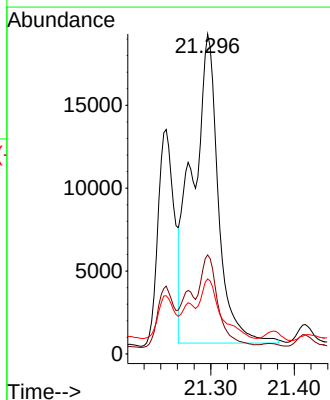
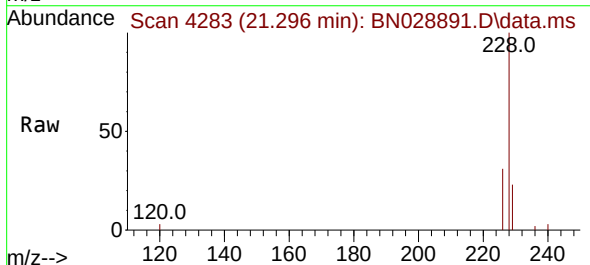
Manual Integrations
APPROVED

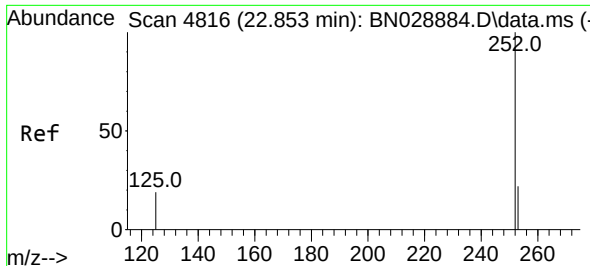
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 0.946 ng/ul m
RT: 21.296 min Scan# 4283
Delta R.T. -0.009 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

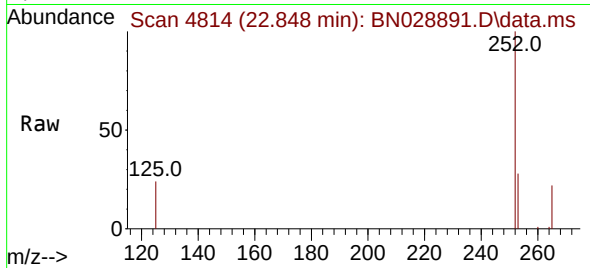
Tgt Ion:228 Resp: 40212
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 23.4 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.702 ng/ul m
RT: 22.848 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

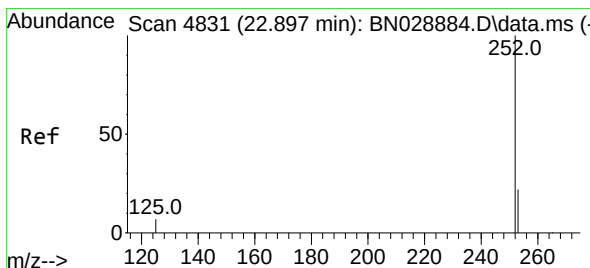
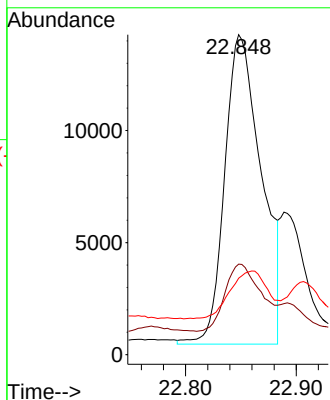
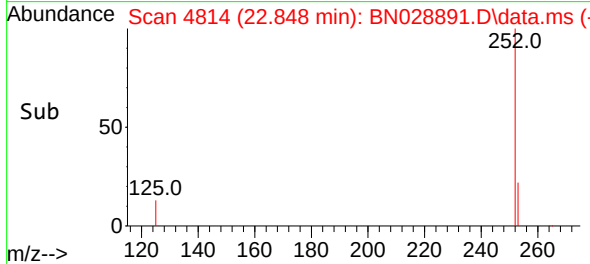
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:252 Resp: 3183
Ion Ratio Lower Upper
252 100
253 28.3 0.0 46.6
125 23.9 0.0 27.6

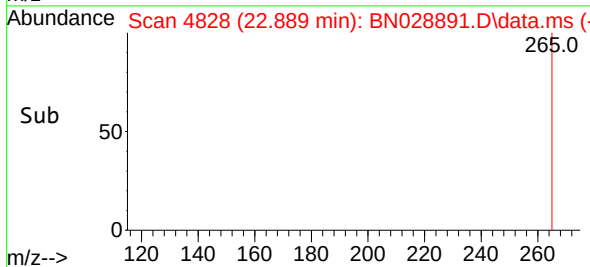
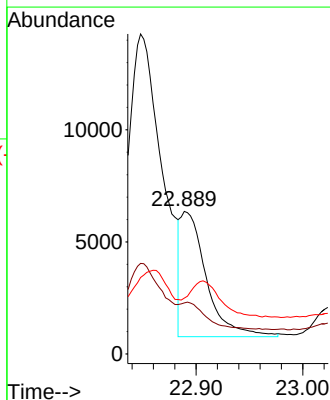
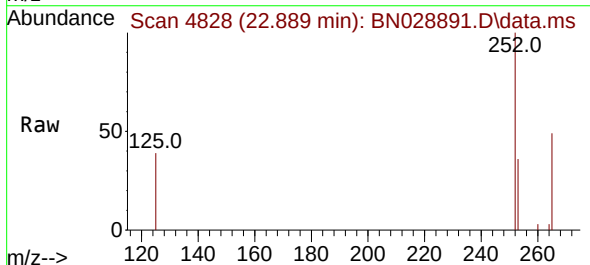
Manual Integrations
APPROVED

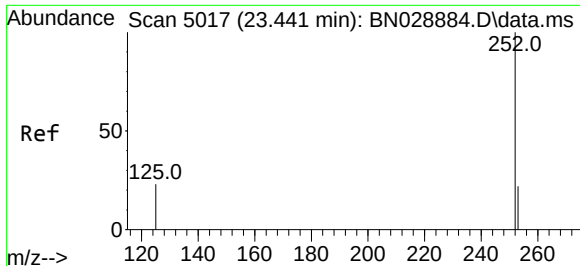
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul m
RT: 22.889 min Scan# 4828
Delta R.T. -0.015 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

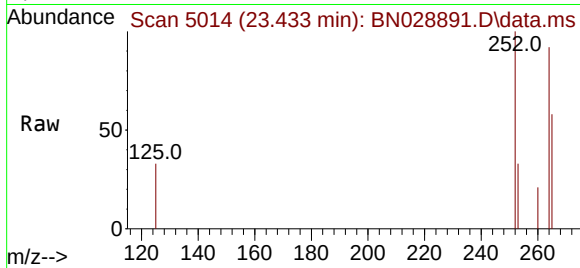
Tgt Ion:252 Resp: 9369
Ion Ratio Lower Upper
252 100
253 35.8 18.6 28.0#
125 39.1 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.433 min Scan# 5017
Delta R.T. -0.012 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

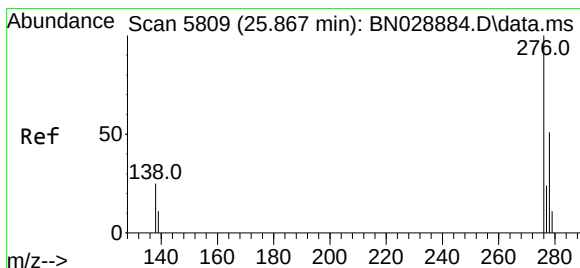
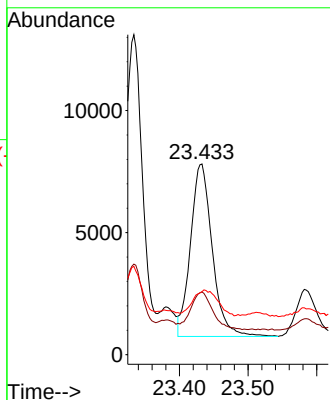
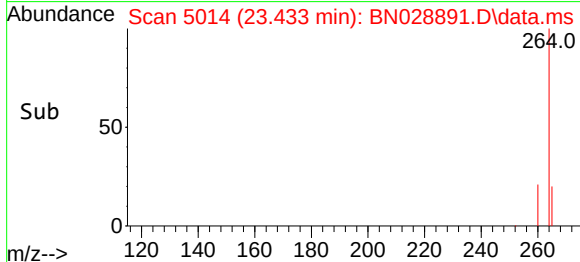
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:252 Resp: 1557
Ion Ratio Lower Upper
252 100
253 32.9 19.0 28.6
125 33.1 13.2 19.8

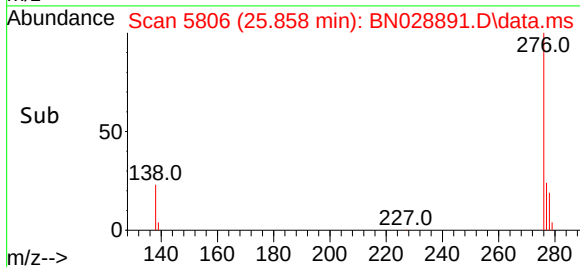
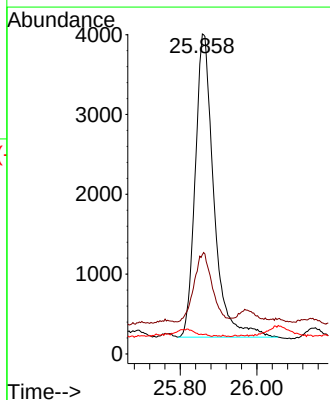
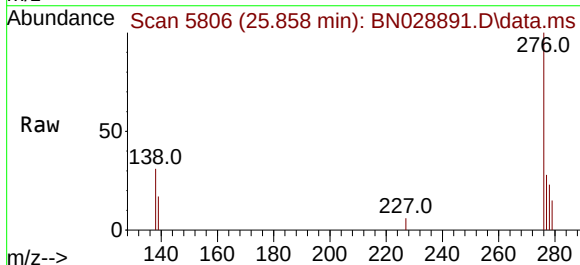
Manual Integrations
APPROVED

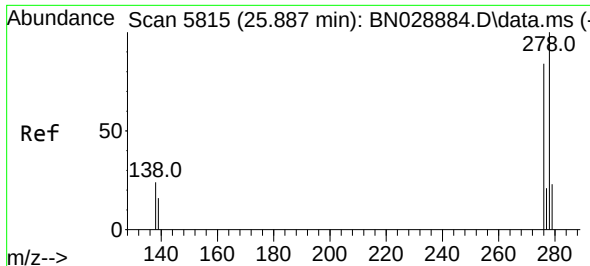
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.270 ng/ul
RT: 25.858 min Scan# 5806
Delta R.T. -0.017 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

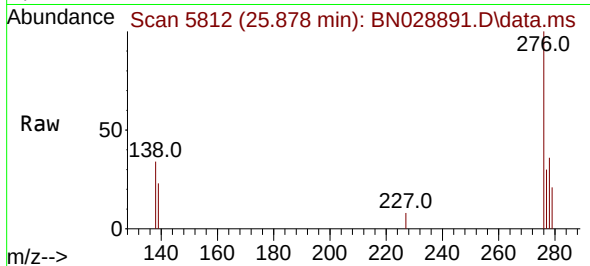
Tgt Ion:276 Resp: 12841
Ion Ratio Lower Upper
276 100
138 22.8 23.8 35.6#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.878 min Scan# 5815
Delta R.T. -0.020 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34

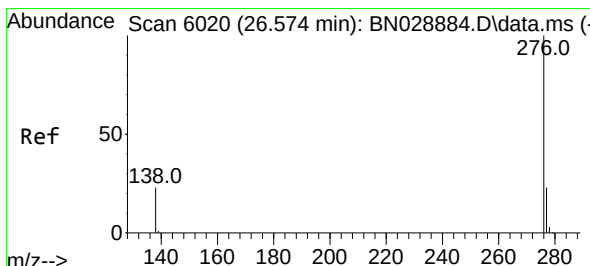
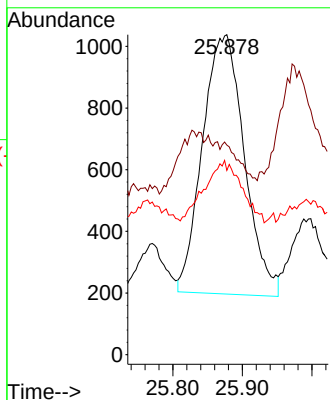
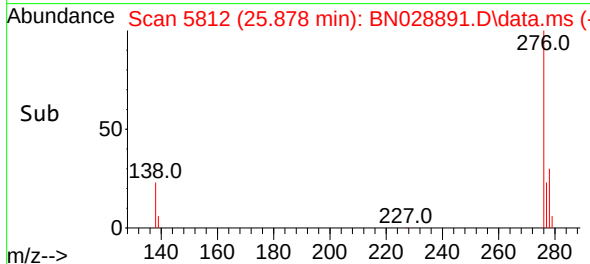
Instrument :
BNA_N
ClientSampleId :
C0AB4



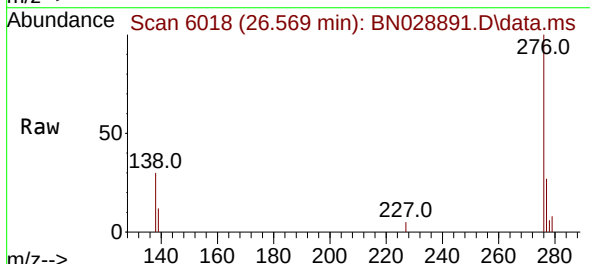
Tgt Ion:278 Resp: 351
Ion Ratio Lower Upper
278 100
139 65.5 18.2 27.4
279 57.6 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.569 min Scan# 6018
Delta R.T. -0.010 min
Lab File: BN028891.D
Acq: 27 Nov 2023 22:34



Tgt Ion:276 Resp: 15517
Ion Ratio Lower Upper
276 100
138 30.4 20.5 30.7
277 26.6 19.4 29.0

