

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027789.D
 Acq On : 21 Sep 2023 16:24
 Operator : MA/JU
 Sample : 04330-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 04:00:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5325	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	17824	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	10751	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	24425	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	21850	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	20677	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	15866	2.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	4562	0.169	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	13303	0.199	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.878	128	1061	0.021	ng/ul#	63
7) 2-Methylnaphthalene	12.478	142	2029	0.063	ng/ul	98
8) 1-Methylnaphthalene	12.698	142	1783	0.053	ng/ul	95
11) Acenaphthene	14.703	153	1465	0.036	ng/ul	95
12) Fluorene	15.688	166	1787	0.037	ng/ul#	89
15) Phenanthrene	17.434	178	38879	0.507	ng/ul	99
16) Anthracene	17.527	178	2227	0.035	ng/ul#	82
19) Fluoranthene	19.445	202	56940	0.644	ng/ul	100
20) Pyrene	19.813	202	50070m	0.550	ng/ul	
21) Benzo(a)anthracene	21.554	228	13902	0.164	ng/ul#	79
22) Chrysene	21.612	228	28806m	0.330	ng/ul	
24) Benzo(b)fluoranthene	23.293	252	24210m	0.263	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	8930m	0.100	ng/ul	
26) Benzo(a)pyrene	23.951	252	15166	0.205	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	26.686	276	10812	0.114	ng/ul#	87
29) Benzo(g,h,i)perylene	27.511	276	25248	0.313	ng/ul#	81

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

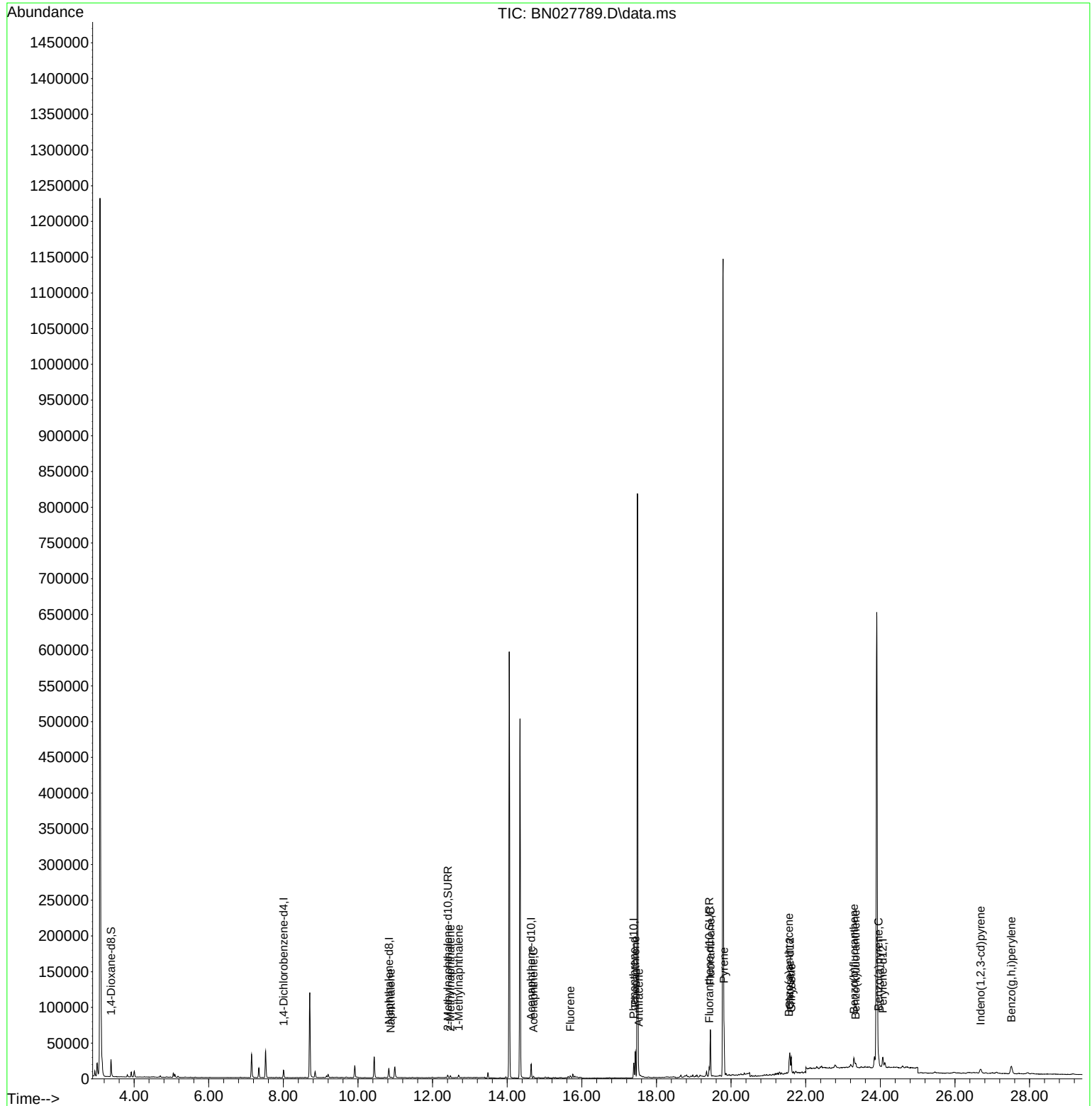
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027789.D
Acq On : 21 Sep 2023 16:24
Operator : MA/JU
Sample : 04330-12
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ALS Vial : 6 Sample Multiplier: 1

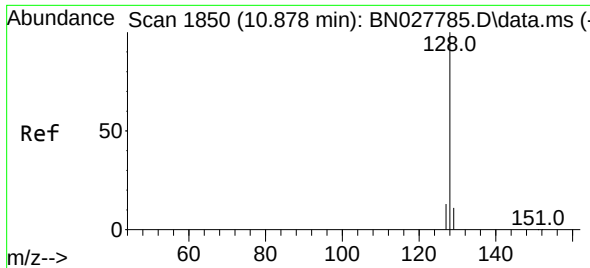
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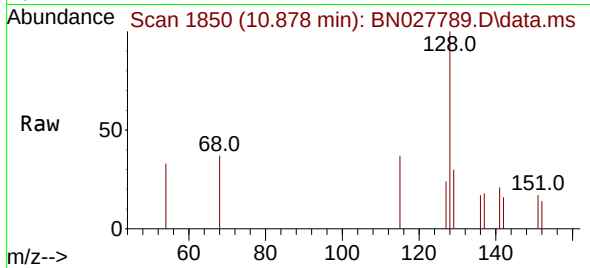
Quant Time: Sep 22 04:00:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

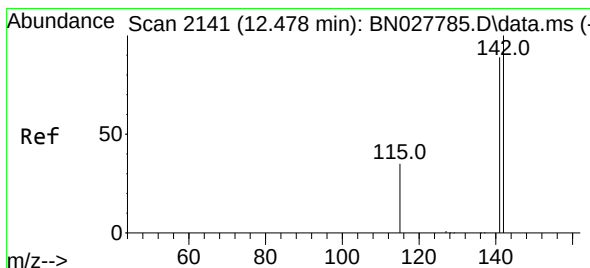
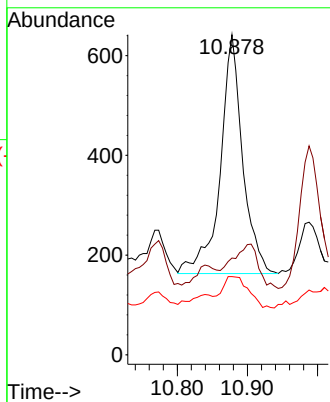
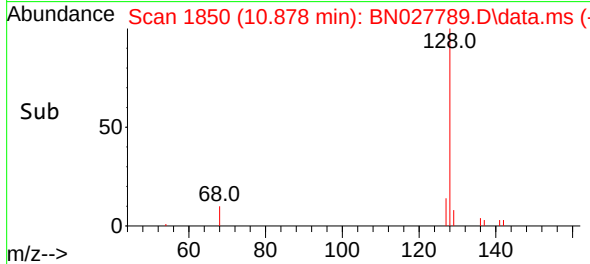
Instrument :
BNA_N
ClientSampleId :
EZYF8



Tgt Ion:128 Resp: 1063
Ion Ratio Lower Upper
128 100
129 30.2 9.3 13.9
127 24.5 10.7 16.1

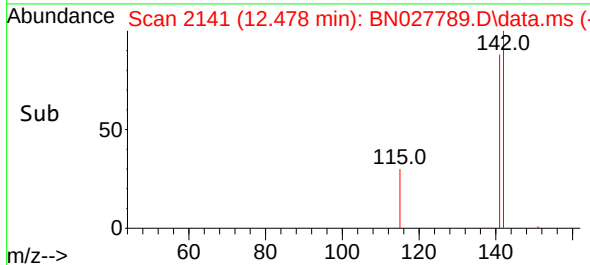
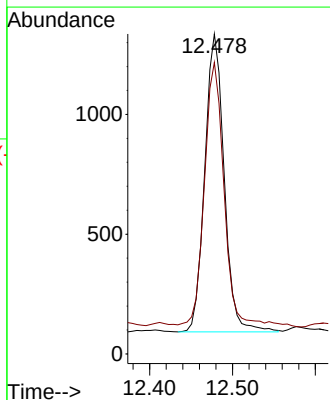
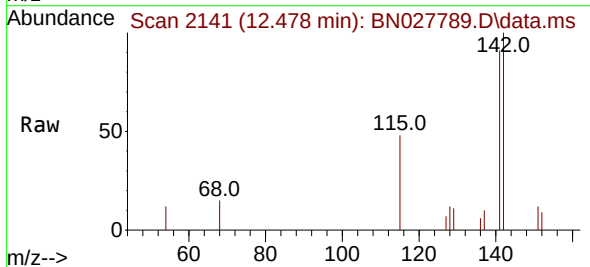
Manual Integrations
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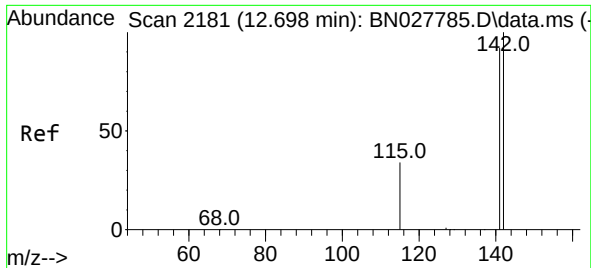
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

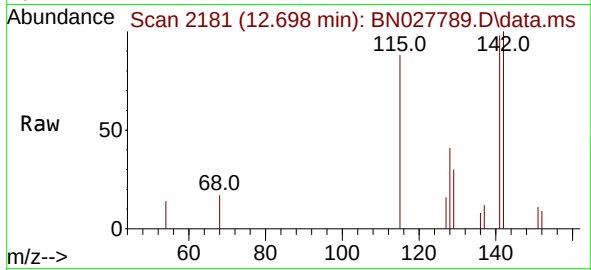
Tgt Ion:142 Resp: 2029
Ion Ratio Lower Upper
142 100
141 87.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.053 ng/u1
RT: 12.698 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

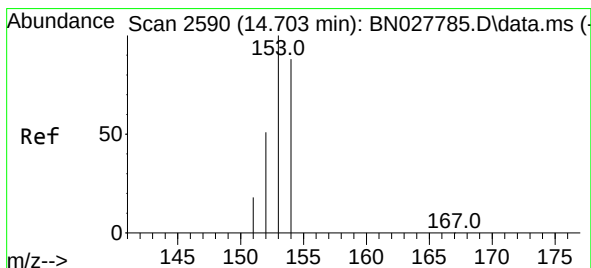
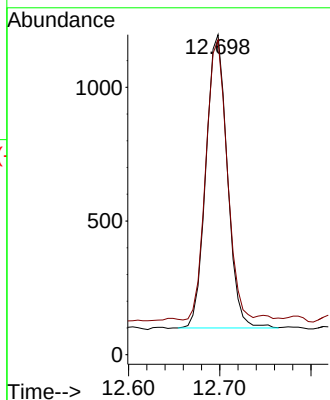
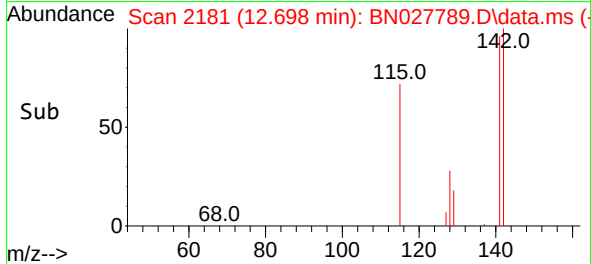
Instrument :
BNA_N
ClientSampleId :
EZYF8



Tgt Ion:142 Resp: 178
Ion Ratio Lower Upper
142 100
141 96.1 72.8 109.2

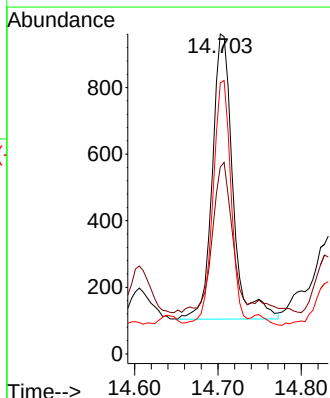
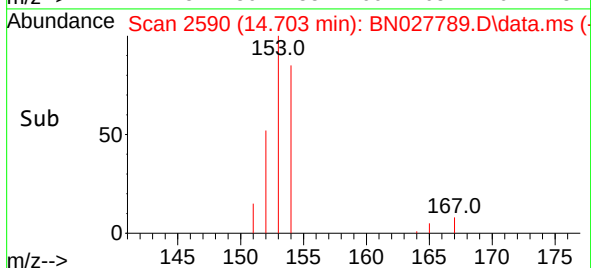
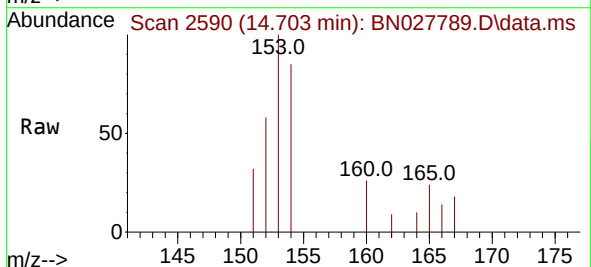
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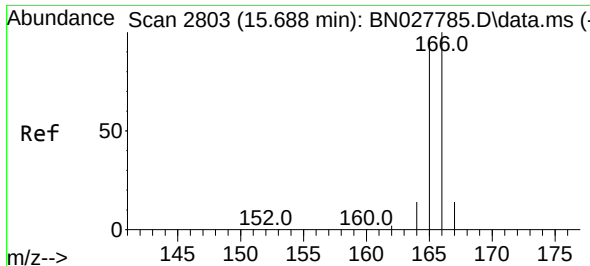
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

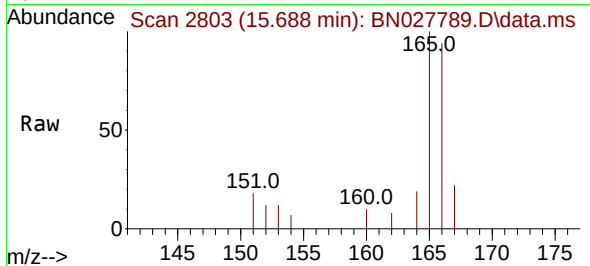
Tgt Ion:153 Resp: 1465
Ion Ratio Lower Upper
153 100
152 58.4 41.7 62.5
154 84.7 70.3 105.5





#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.688 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

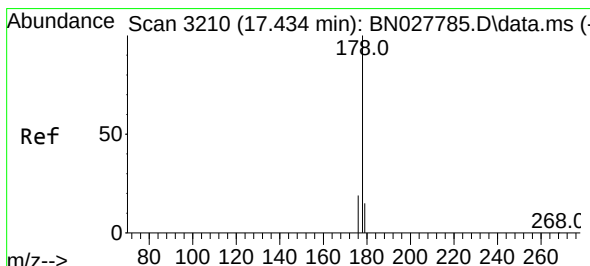
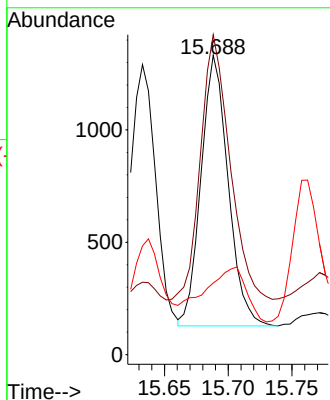
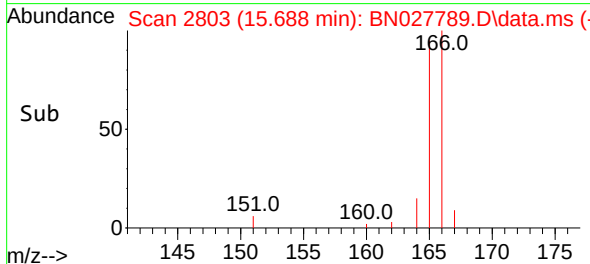
Instrument :
BNA_N
ClientSampleId :
EZYF8



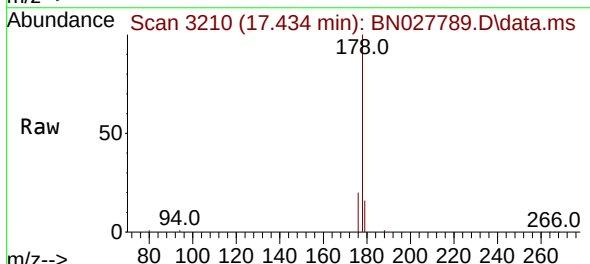
Tgt Ion:166 Resp: 178
Ion Ratio Lower Upper
166 100
165 106.8 78.0 117.0
167 23.9 11.4 17.2

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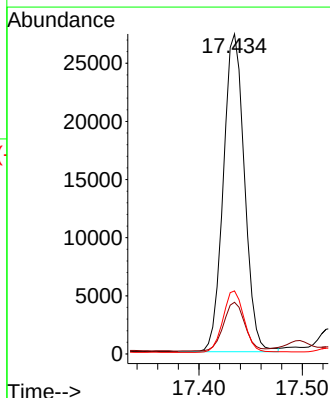
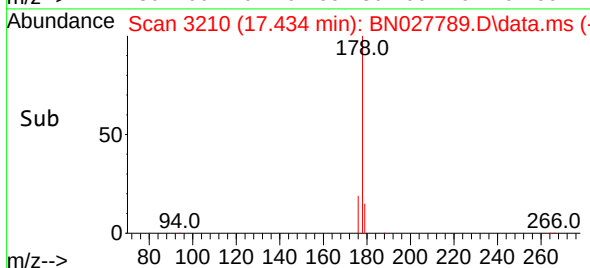
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

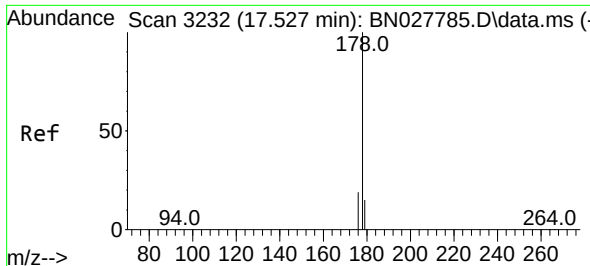


#15
Phenanthrene
Concen: 0.507 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24



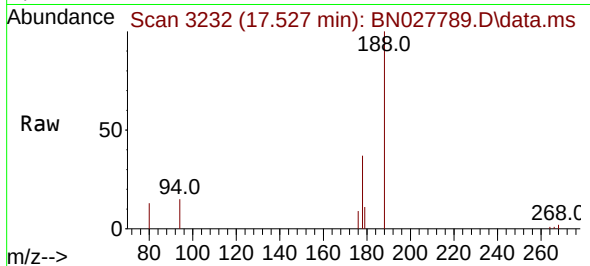
Tgt Ion:178 Resp: 38879
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.7 16.0 24.0





#16
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.527 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027789.D
 Acq: 21 Sep 2023 16:24

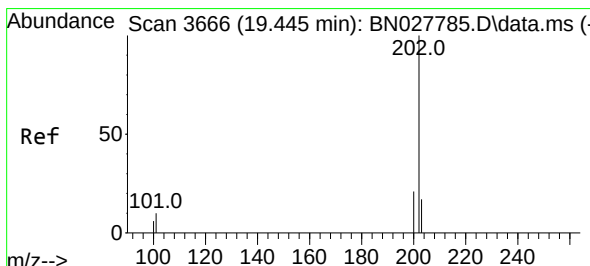
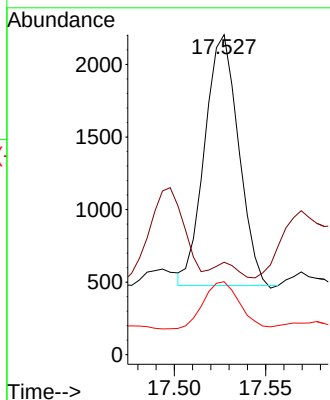
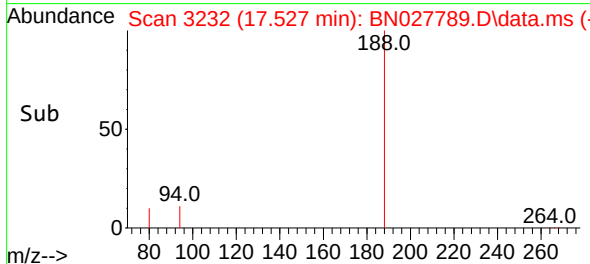
Instrument :
 BNA_N
 ClientSampleId :
 EZYF8



Tgt Ion:178 Resp: 222
 Ion Ratio Lower Upper
 178 100
 179 28.9 12.6 19.0
 176 22.8 15.5 23.3

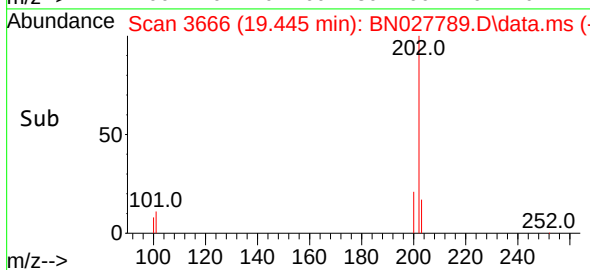
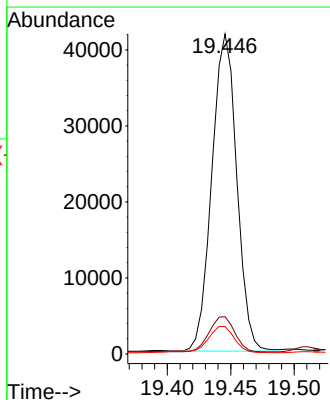
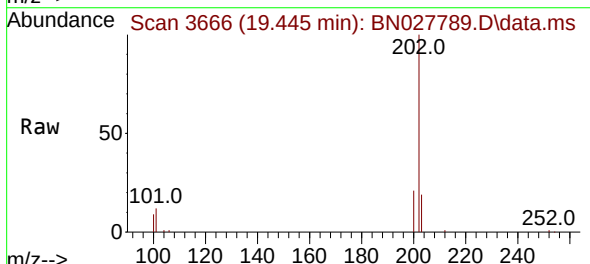
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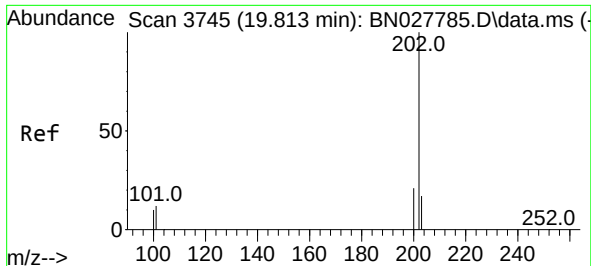
Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023



#19
 Fluoranthene
 Concen: 0.644 ng/ul
 RT: 19.445 min Scan# 3666
 Delta R.T. 0.000 min
 Lab File: BN027789.D
 Acq: 21 Sep 2023 16:24

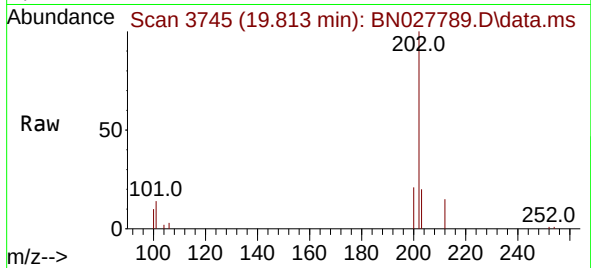
Tgt Ion:202 Resp: 56940
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.3 13.9
 100 8.5 7.0 10.4





#20
Pyrene
Concen: 0.550 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

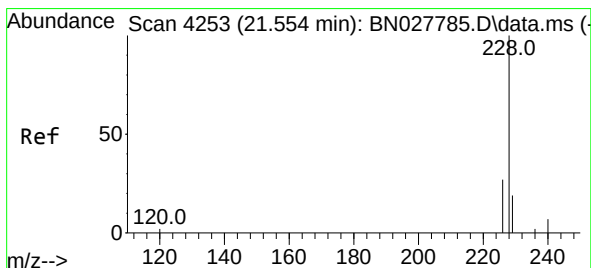
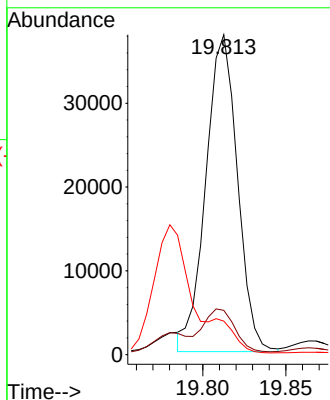
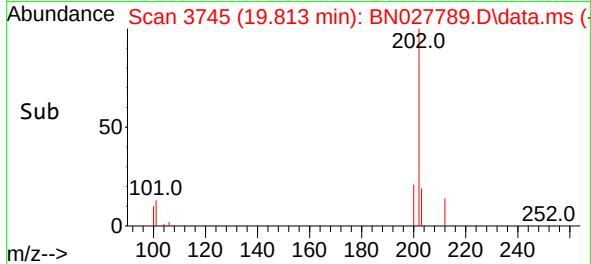
Instrument :
BNA_N
ClientSampleId :
EZYF8



Tgt Ion:202 Resp: 50070
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.5 9.1 13.7

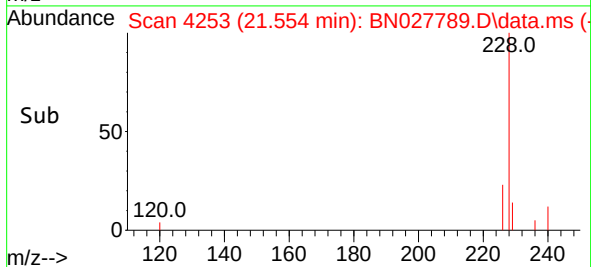
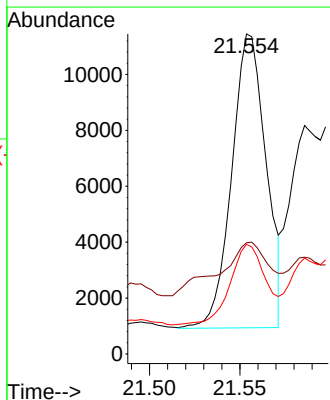
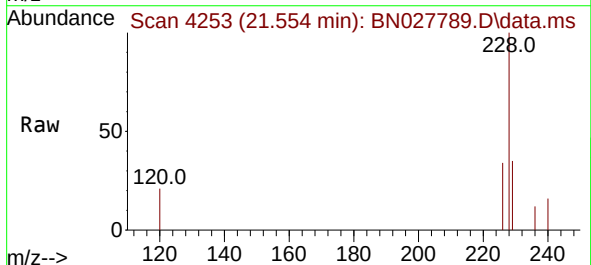
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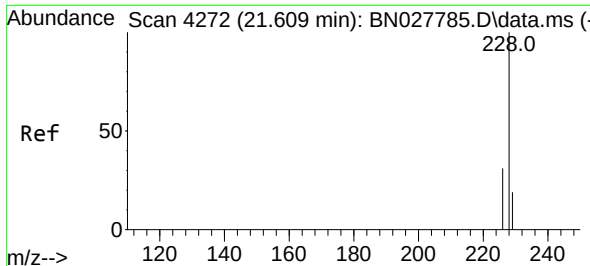
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#21
Benzo(a)anthracene
Concen: 0.164 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

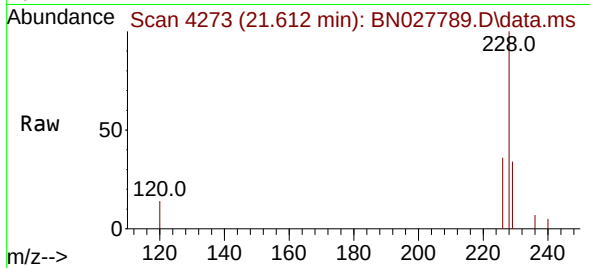
Tgt Ion:228 Resp: 13902
Ion Ratio Lower Upper
228 100
229 34.7 15.8 23.8#
226 34.2 22.0 33.0#





#22
Chrysene
Concen: 0.330 ng/ul m
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

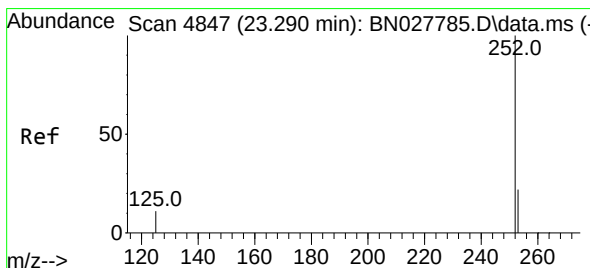
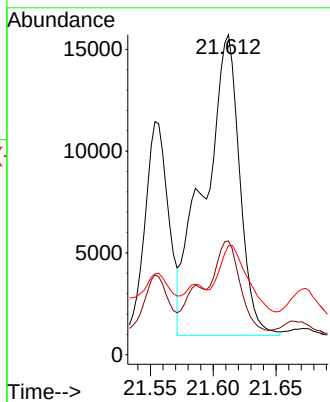
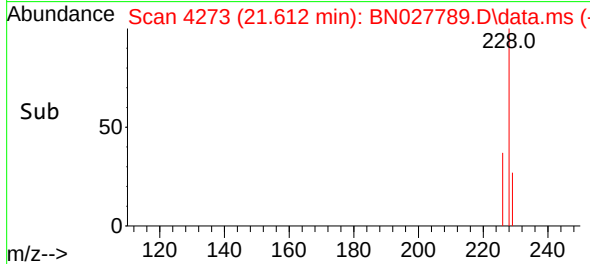
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ClientSampleId :
EZYF8



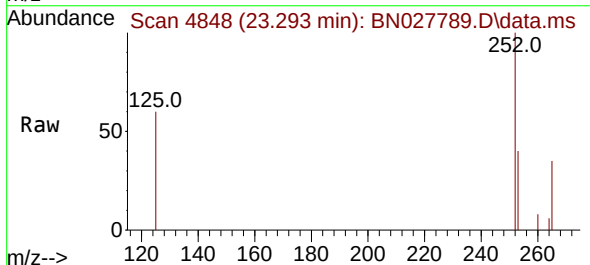
Tgt Ion:228 Resp: 28800
Ion Ratio Lower Upper
228 100
226 35.5 24.5 36.7
229 34.0 16.0 24.0

Manual Integrations
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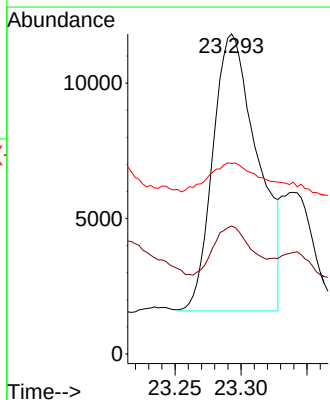
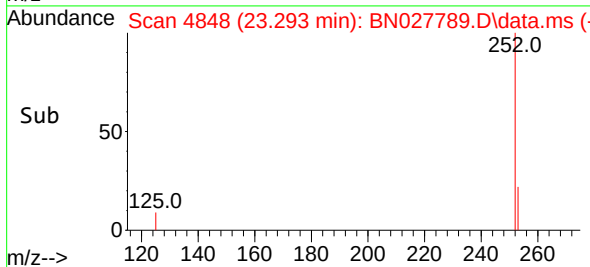
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

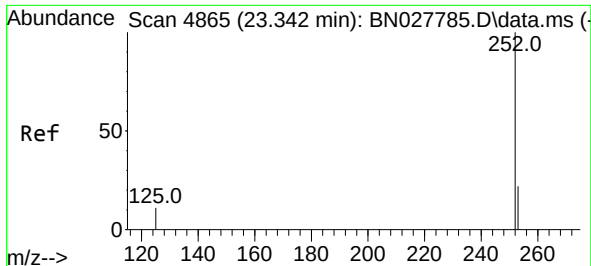


#24
Benzo(b)fluoranthene
Concen: 0.263 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24



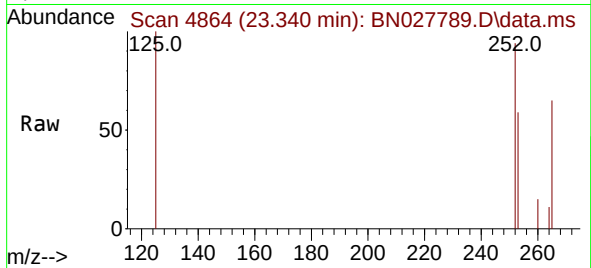
Tgt Ion:252 Resp: 24210
Ion Ratio Lower Upper
252 100
253 40.0 0.0 50.2
125 59.6 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.100 ng/ul m
RT: 23.340 min Scan# 4865
Delta R.T. -0.003 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

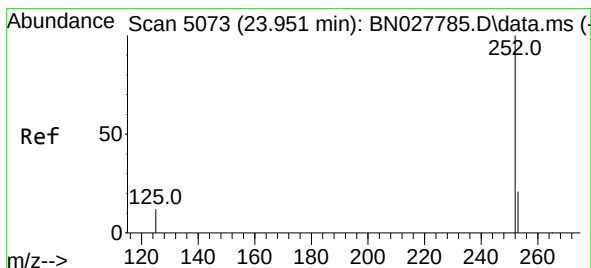
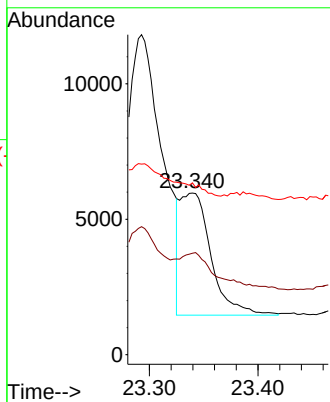
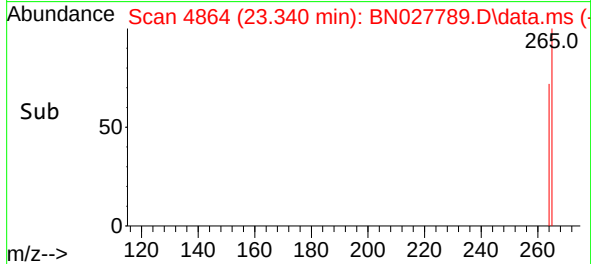
Instrument :
BNA_N
ClientSampleId :
EZYF8



Tgt Ion:252 Resp: 8930
Ion Ratio Lower Upper
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253 62.8 19.9 29.9#
125 106.4 12.6 19.0#

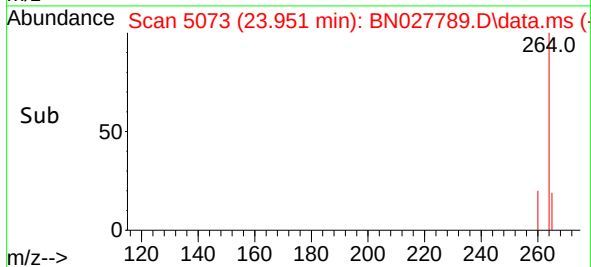
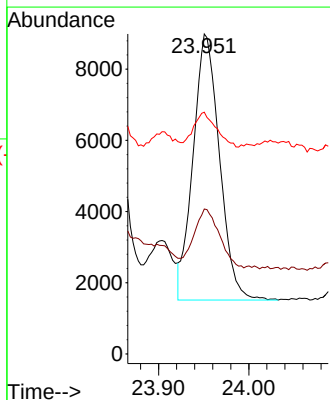
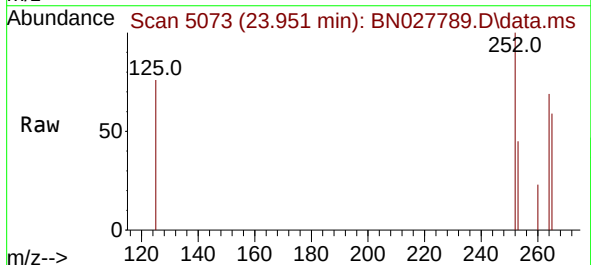
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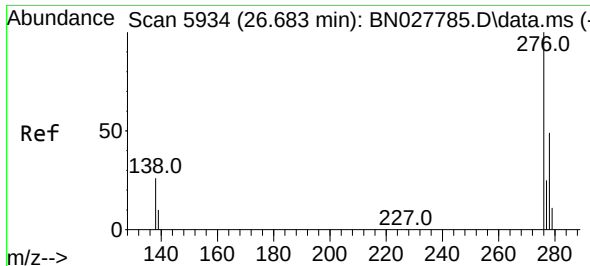
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#26
Benzo(a)pyrene
Concen: 0.205 ng/ul
RT: 23.951 min Scan# 5073
Delta R.T. 0.000 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

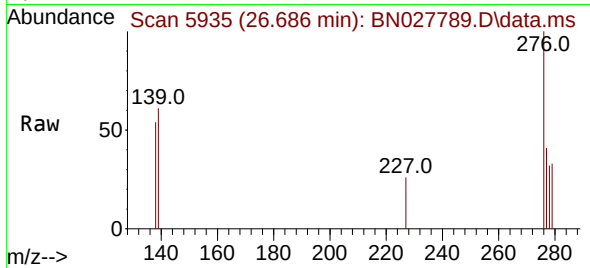
Tgt Ion:252 Resp: 15166
Ion Ratio Lower Upper
252 100
253 45.3 21.9 32.9#
125 75.5 15.5 23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.686 min Scan# 5934
Delta R.T. 0.003 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24

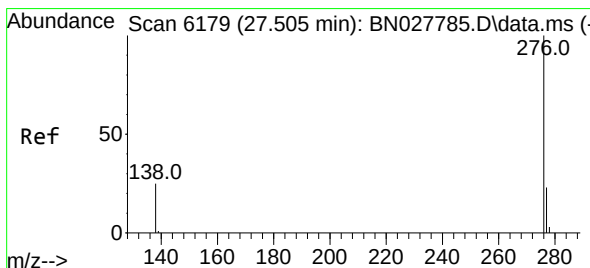
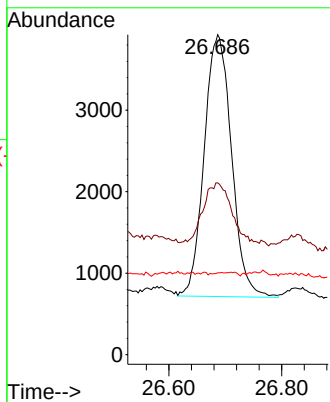
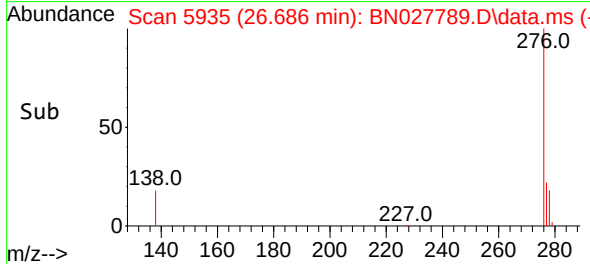
Instrument :
BNA_N
ClientSampleId :
EZYF8



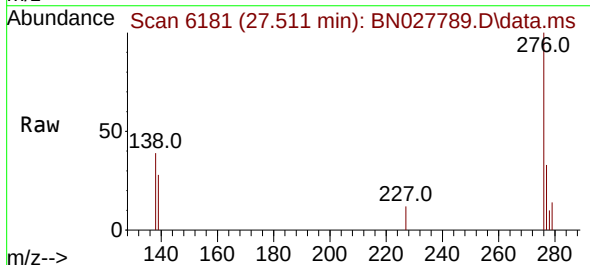
Tgt Ion:276 Resp: 10812
Ion Ratio Lower Upper
276 100
138 23.6 24.3 36.5#
227 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.511 min Scan# 6181
Delta R.T. 0.007 min
Lab File: BN027789.D
Acq: 21 Sep 2023 16:24



Tgt Ion:276 Resp: 25248
Ion Ratio Lower Upper
276 100
138 39.1 21.7 32.5#
277 32.6 20.2 30.2#

