

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027796.D
 Acq On : 21 Sep 2023 20:41
 Operator : MA/JU
 Sample : 04330-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL6

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 04:02:02 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	8.008	152	4999	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	17046	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.642	164	10328	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	23442	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	21003	0.400	ng/ul	# 0.00
23) Perylene-d12	24.073	264	20183	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	20556	3.264	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	8458	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	21758	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.877	128	5975	0.123	ng/ul	95
7) 2-Methylnaphthalene	12.478	142	3306	0.107	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	1831	0.057	ng/ul	98
10) Acenaphthylene	14.369	152	2465	0.055	ng/ul#	82
11) Acenaphthene	14.702	153	1680	0.043	ng/ul	97
12) Fluorene	15.688	166	962	0.021	ng/ul#	82
15) Phenanthrene	17.434	178	35753	0.485	ng/ul	99
16) Anthracene	17.527	178	7662	0.124	ng/ul#	91
19) Fluoranthene	19.445	202	100009	1.178	ng/ul	99
20) Pyrene	19.812	202	80153m	0.916	ng/ul	
21) Benzo(a)anthracene	21.559	228	46739	0.575	ng/ul	95
22) Chrysene	21.615	228	65677	0.782	ng/ul	96
24) Benzo(b)fluoranthene	23.298	252	74064m	0.823	ng/ul	
25) Benzo(k)fluoranthene	23.342	252	25434m	0.292	ng/ul	
26) Benzo(a)pyrene	23.959	252	38237	0.528	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.693	276	32764	0.353	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.706	278	8567	0.115	ng/ul#	1
29) Benzo(g,h,i)perylene	27.521	276	31548	0.401	ng/ul	94

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

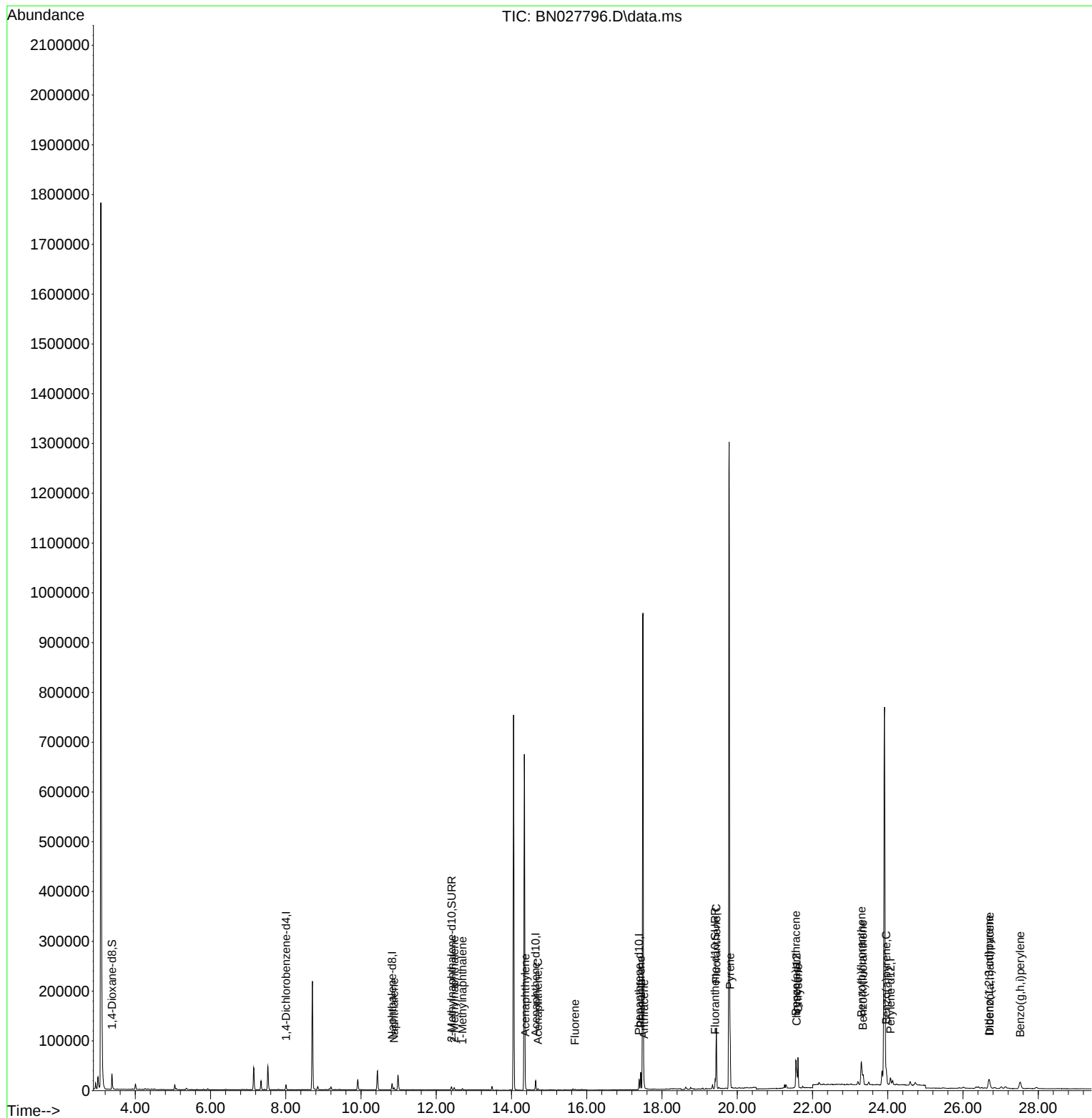
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027796.D
Acq On : 21 Sep 2023 20:41
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ALS Vial : 13 Sample Multiplier: 1

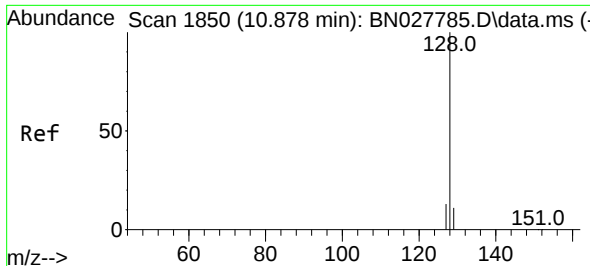
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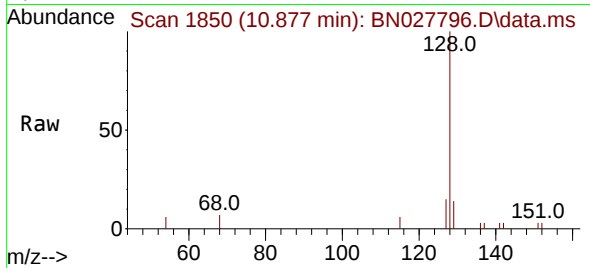
Quant Time: Sep 22 04:02:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.123 ng/ul
RT: 10.877 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

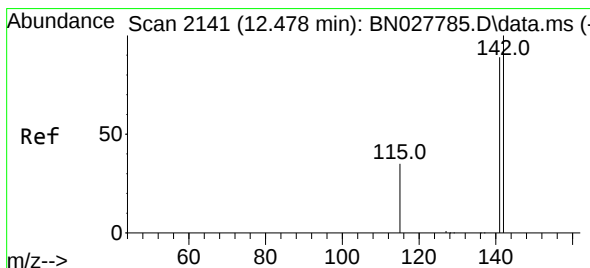
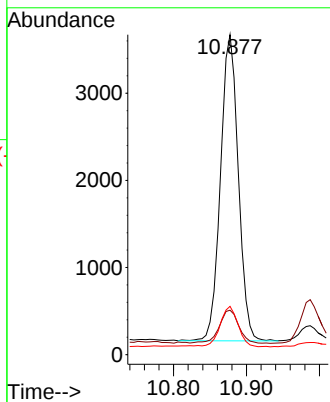
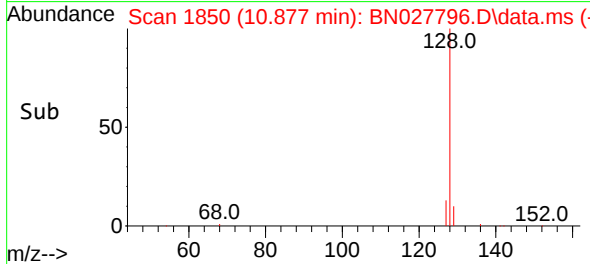
Instrument :
BNA_N
ClientSampleId :
EZY6



Tgt Ion:128 Resp: 597
Ion Ratio Lower Upper
128 100
129 13.9 9.3 13.9
127 15.1 10.7 16.1

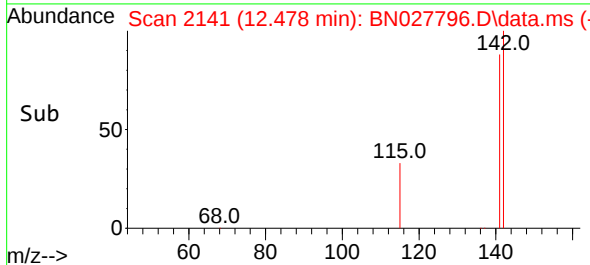
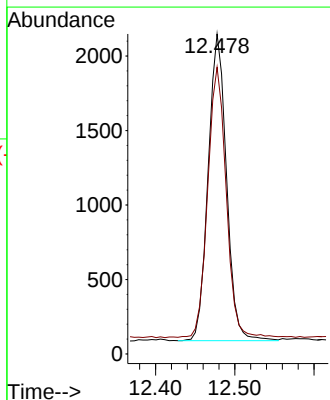
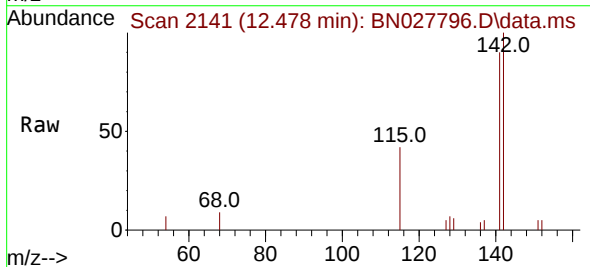
Manual Integrations
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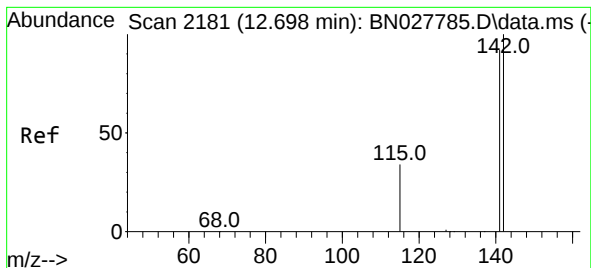
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

Tgt Ion:142 Resp: 3306
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 12.698 min Scan# 2181

Delta R.T. -0.000 min

Lab File: BN027796.D

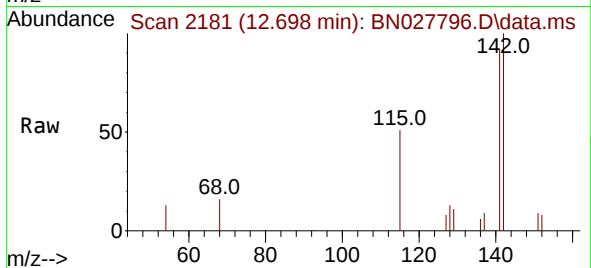
Acq: 21 Sep 2023 20:41

Instrument :

BNA_N

ClientSampleId :

EZYL6



Tgt Ion:142 Resp: 183

Ion Ratio Lower Upper

142 100

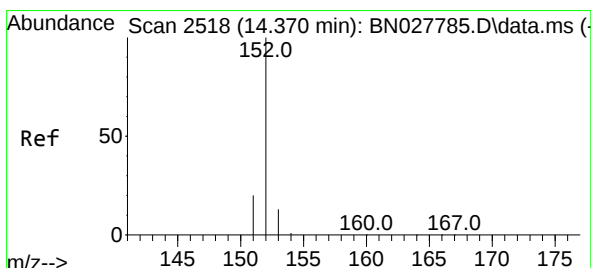
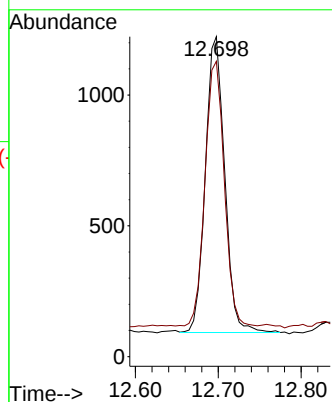
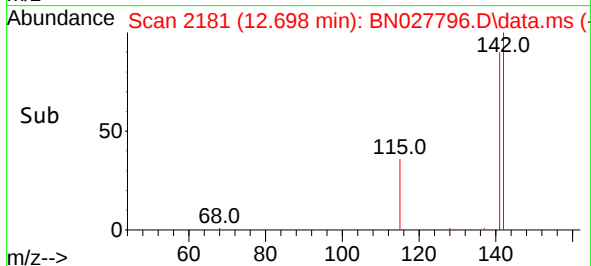
141 89.0 72.8 109.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/22/2023

Supervised By :mohammad ahmed 09/25/2023



#10

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.369 min Scan# 2518

Delta R.T. -0.000 min

Lab File: BN027796.D

Acq: 21 Sep 2023 20:41

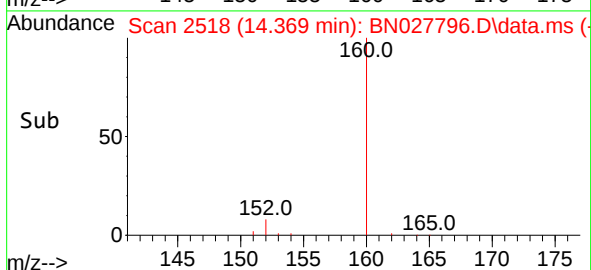
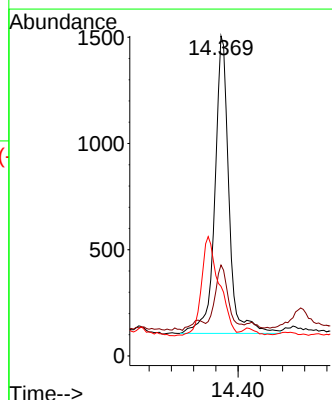
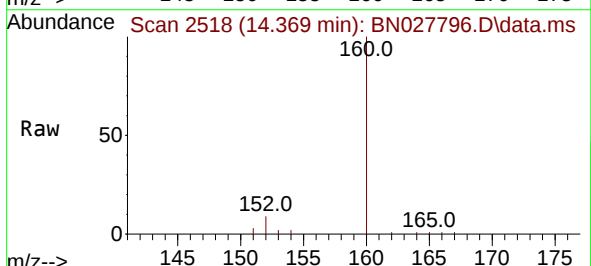
Tgt Ion:152 Resp: 2465

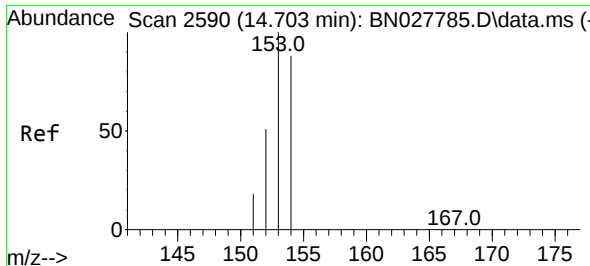
Ion Ratio Lower Upper

152 100

151 28.4 16.6 25.0#

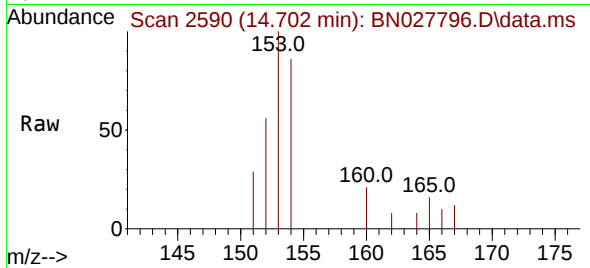
153 21.8 11.0 16.6#





#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.702 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

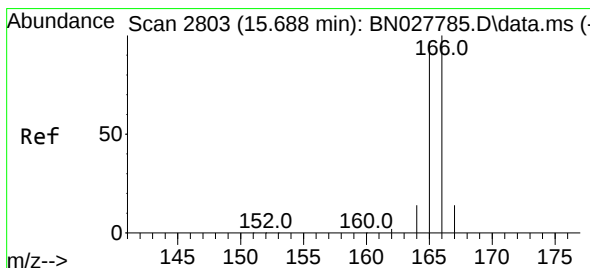
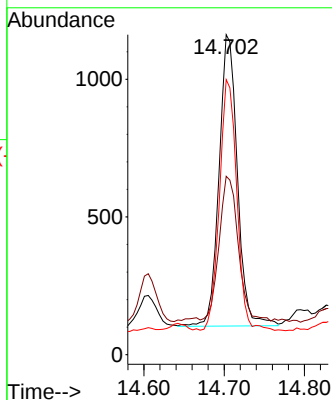
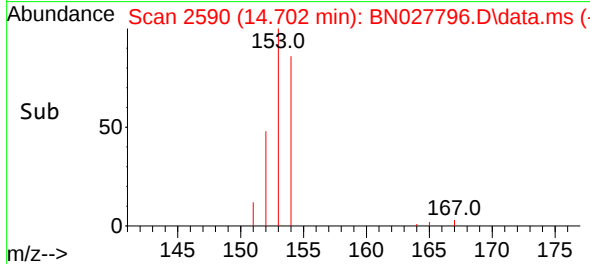
Instrument :
BNA_N
ClientSampleId :
EZY6



Tgt Ion:153 Resp: 1680
Ion Ratio Lower Upper
153 100
152 55.8 41.7 62.5
154 86.0 70.3 105.5

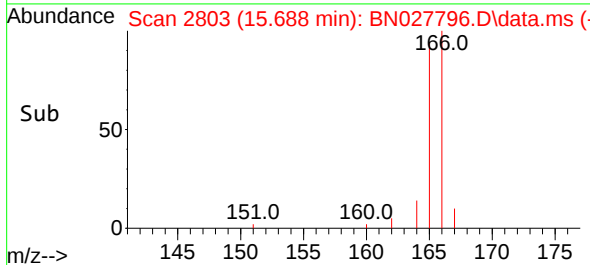
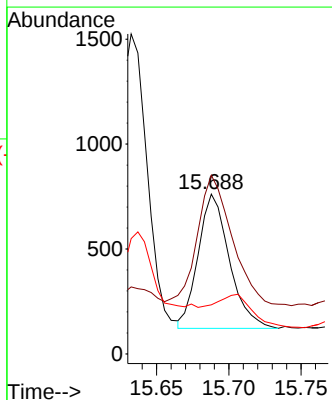
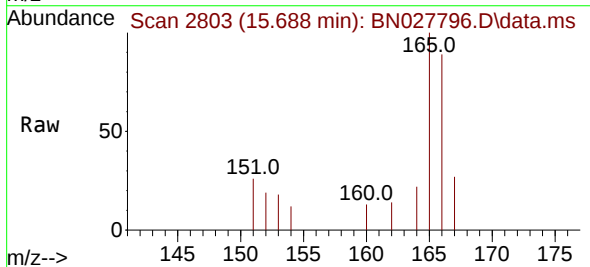
Manual Integrations
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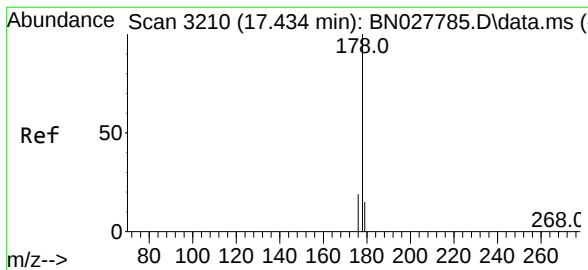
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. -0.000 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

Tgt Ion:166 Resp: 962
Ion Ratio Lower Upper
166 100
165 111.8 78.0 117.0
167 30.7 11.4 17.2#





#15

Phenanthrene

Concen: 0.485 ng/u1

RT: 17.434 min Scan# 3210

Delta R.T. -0.000 min

Lab File: BN027796.D

Acq: 21 Sep 2023 20:41

Instrument :

BNA_N

ClientSampleId :

EZYL6

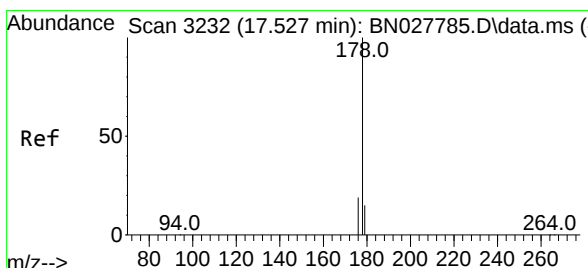
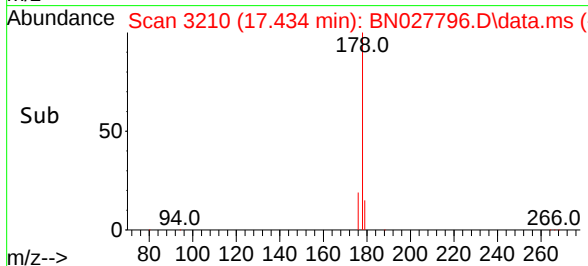
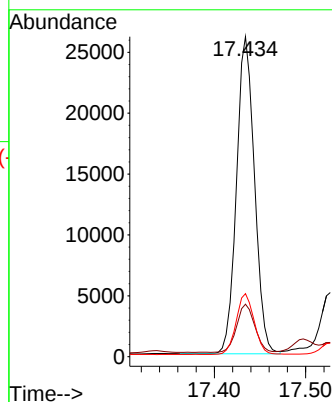
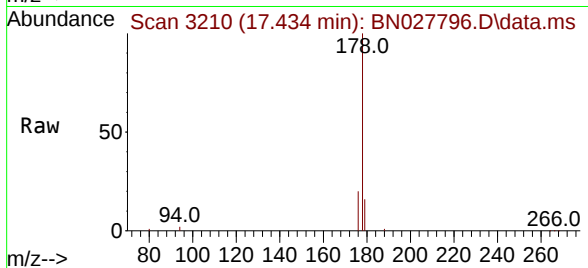
Tgt Ion:178	Resp:	3575
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.4 18.6
176	19.7	16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 09/25/2023



#16

Anthracene

Concen: 0.124 ng/u1

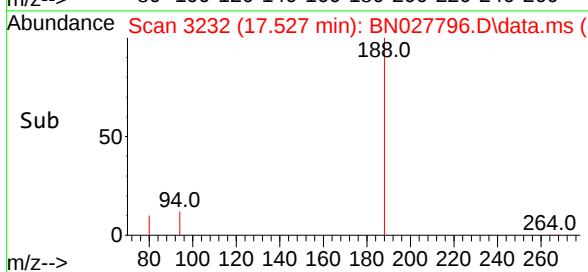
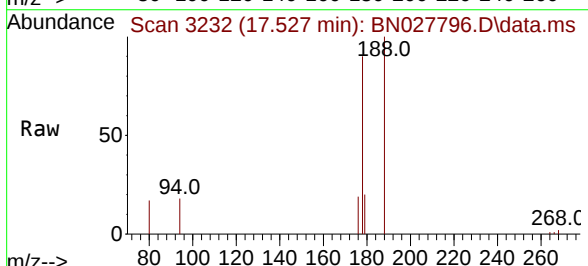
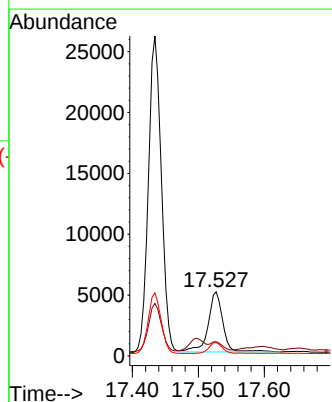
RT: 17.527 min Scan# 3232

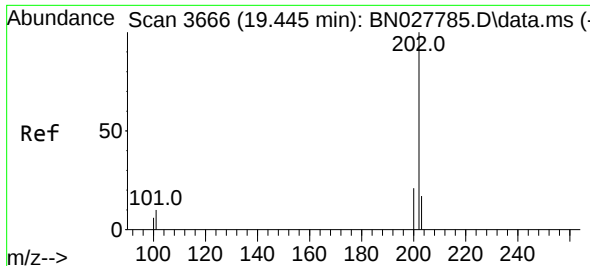
Delta R.T. -0.000 min

Lab File: BN027796.D

Acq: 21 Sep 2023 20:41

Tgt Ion:178	Resp:	7662
Ion Ratio	Lower	Upper
178	100	
179	22.2	12.6 19.0#
176	20.9	15.5 23.3





#19

Fluoranthene

Concen: 1.178 ng/ul

RT: 19.445 min Scan# 3666

Delta R.T. -0.000 min

Lab File: BN027796.D

Acq: 21 Sep 2023 20:41

Instrument :

BNA_N

ClientSampleId :

EZYL6

Tgt Ion:202 Resp: 100000

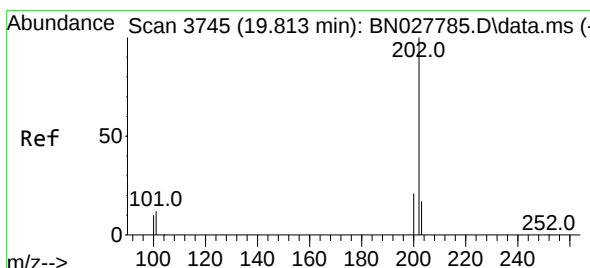
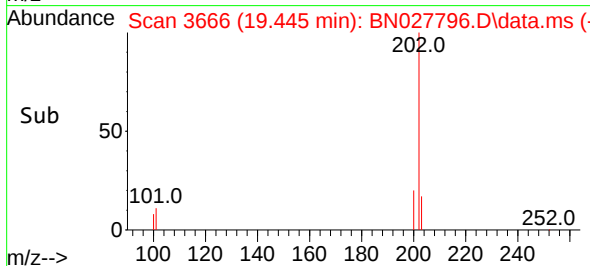
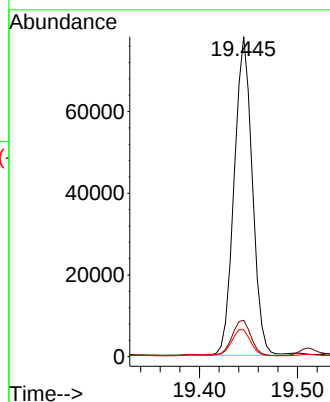
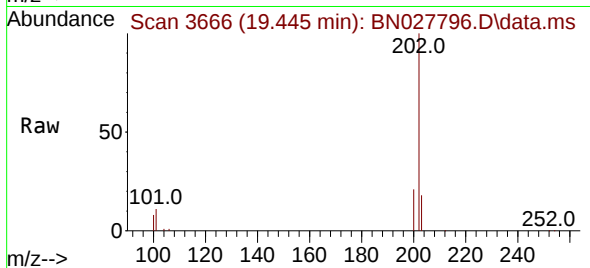
Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.3	13.9
100	8.4	7.0	10.4

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#20

Pyrene

Concen: 0.916 ng/ul m

RT: 19.812 min Scan# 3745

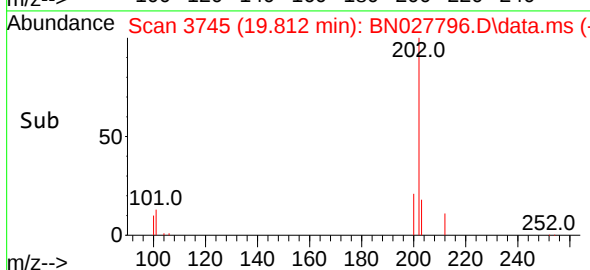
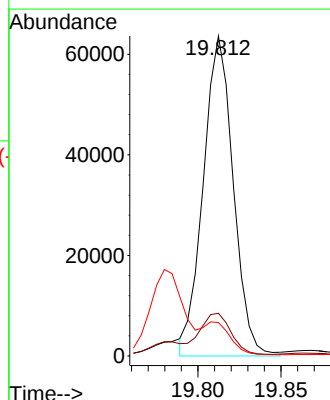
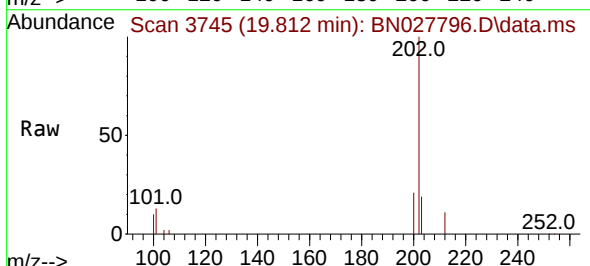
Delta R.T. -0.000 min

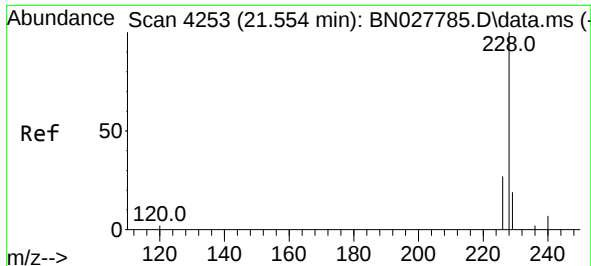
Lab File: BN027796.D

Acq: 21 Sep 2023 20:41

Tgt Ion:202 Resp: 80153

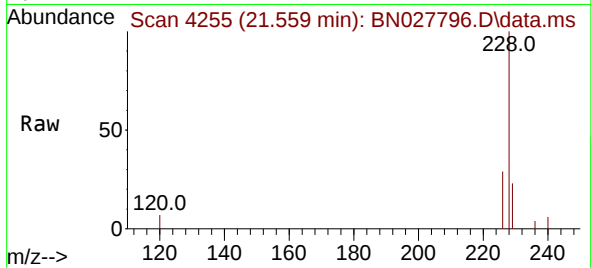
Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.4	17.0
100	10.4	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.575 ng/u1
RT: 21.559 min Scan# 4255
Delta R.T. 0.006 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

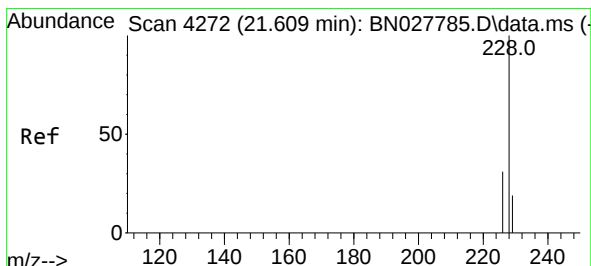
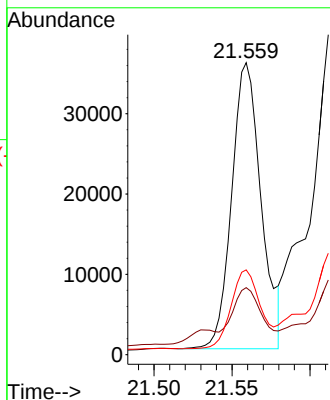
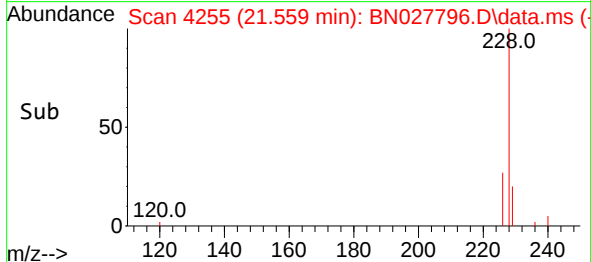
Instrument :
BNA_N
ClientSampleId :
EZY6



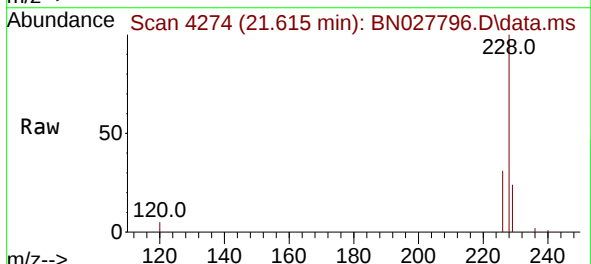
Tgt Ion:228 Resp: 46739
Ion Ratio Lower Upper
228 100
229 23.0 15.8 23.8
226 29.1 22.0 33.0

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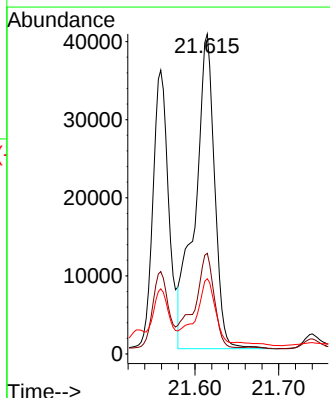
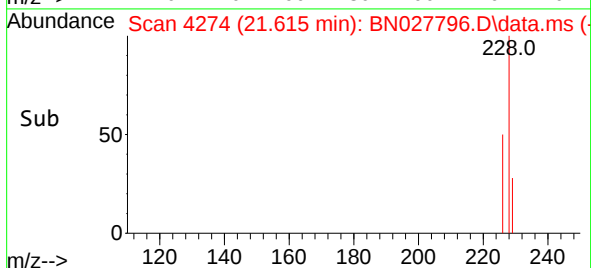
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

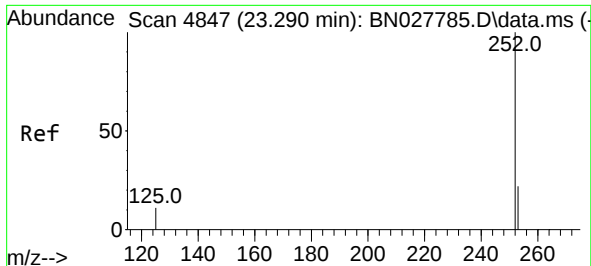


#22
Chrysene
Concen: 0.782 ng/u1
RT: 21.615 min Scan# 4274
Delta R.T. 0.006 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41



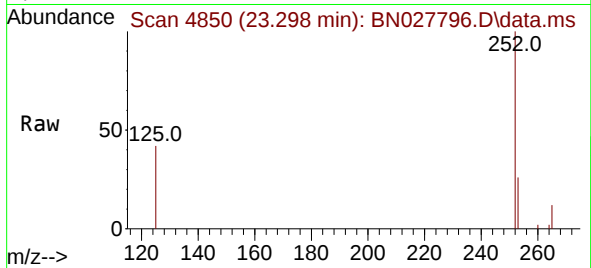
Tgt Ion:228 Resp: 65677
Ion Ratio Lower Upper
228 100
226 31.4 24.5 36.7
229 23.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.823 ng/ul m
RT: 23.298 min Scan# 4847
Delta R.T. 0.008 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

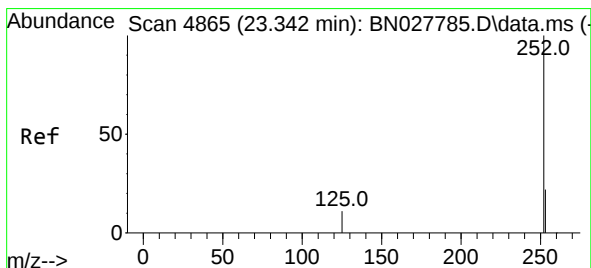
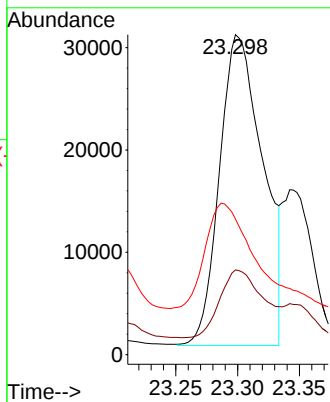
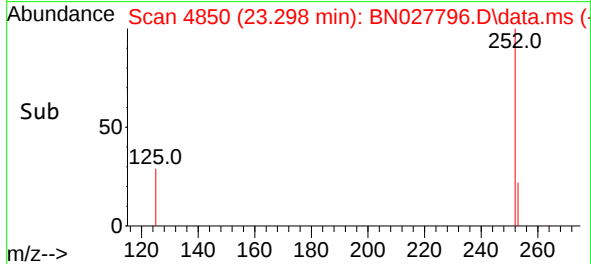
Instrument :
BNA_N
ClientSampleId :
EZY6



Tgt Ion:252 Resp: 74064
Ion Ratio Lower Upper
252 100
253 26.5 0.0 50.2
125 42.4 0.0 31.4

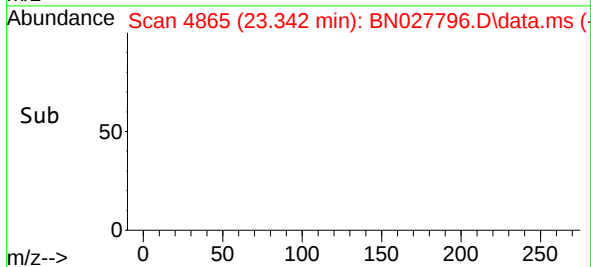
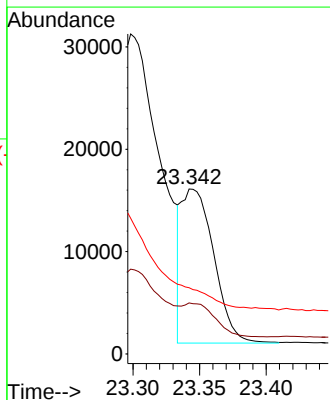
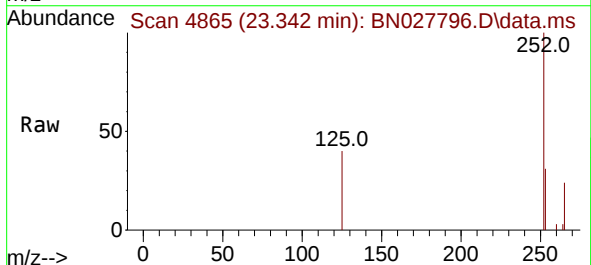
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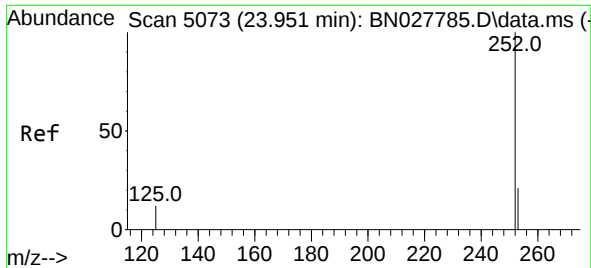
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul m
RT: 23.342 min Scan# 4865
Delta R.T. -0.000 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

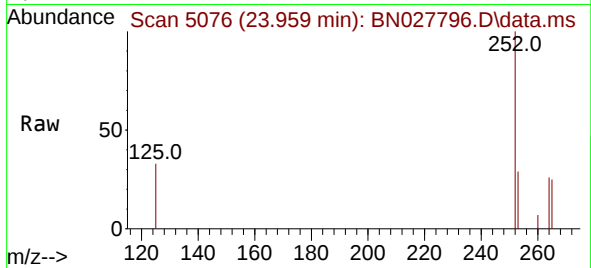
Tgt Ion:252 Resp: 25434
Ion Ratio Lower Upper
252 100
253 31.0 19.9 29.9#
125 40.2 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.528 ng/u1
RT: 23.959 min Scan# 5073
Delta R.T. 0.008 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

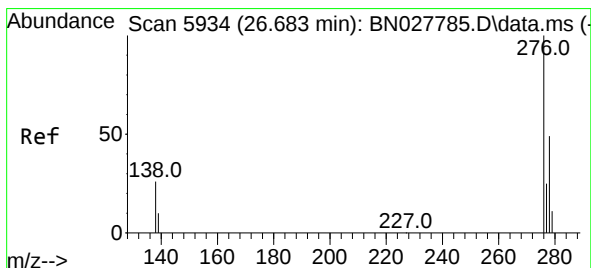
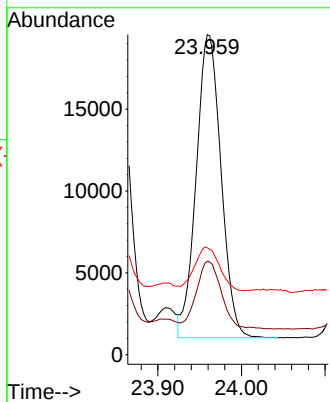
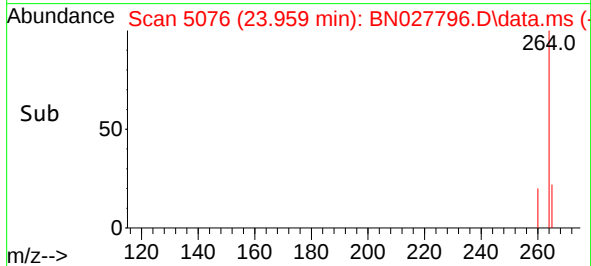
Instrument :
BNA_N
ClientSampleId :
EZY6



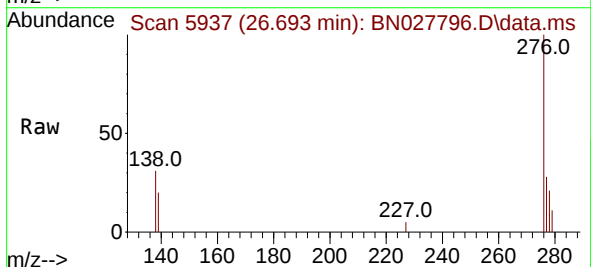
Tgt Ion:252 Resp: 3823
Ion Ratio Lower Upper
252 100
253 29.2 21.9 32.9
125 33.4 15.5 23.3

Manual Integrations
APPROVED

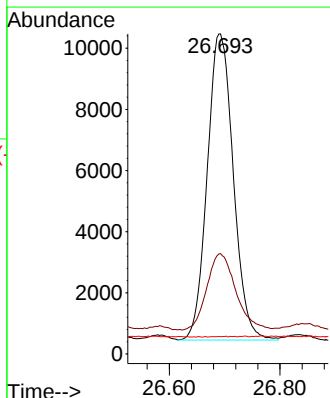
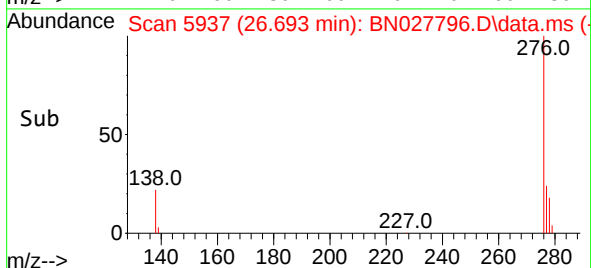
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

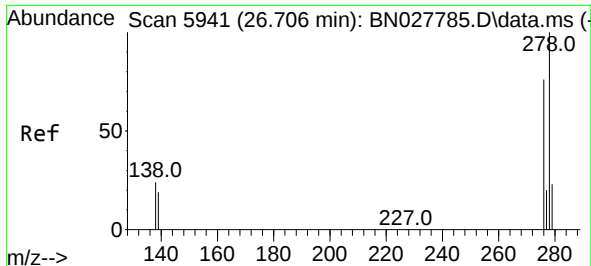


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/u1
RT: 26.693 min Scan# 5937
Delta R.T. 0.010 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41



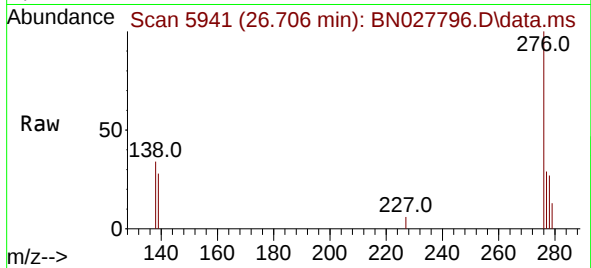
Tgt Ion:276 Resp: 32764
Ion Ratio Lower Upper
276 100
138 27.6 24.3 36.5
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 26.706 min Scan# 5941
Delta R.T. -0.000 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41

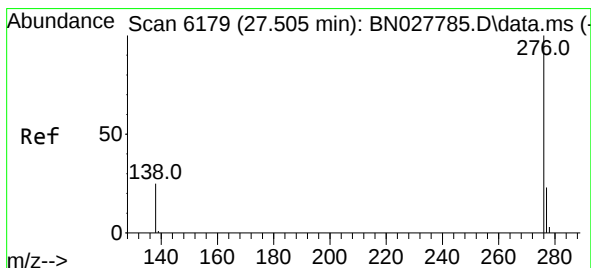
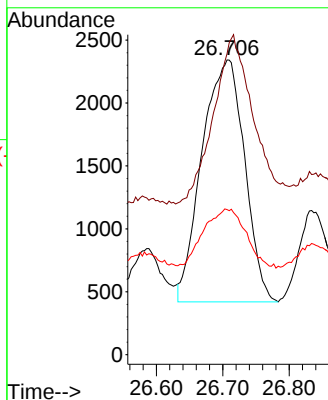
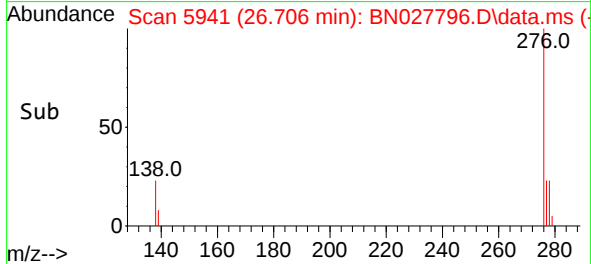
Instrument :
BNA_N
ClientSampleId :
EZY6



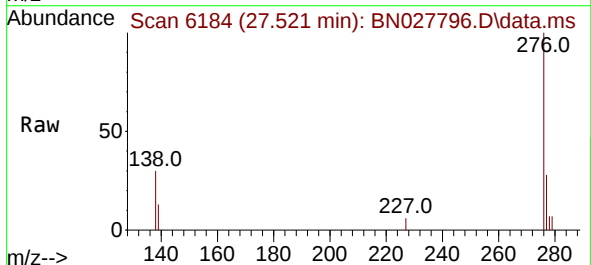
Tgt Ion:278 Resp: 856
Ion Ratio Lower Upper
278 100
139 102.1 17.2 25.8
279 49.3 21.4 32.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 27.521 min Scan# 6184
Delta R.T. 0.016 min
Lab File: BN027796.D
Acq: 21 Sep 2023 20:41



Tgt Ion:276 Resp: 31548
Ion Ratio Lower Upper
276 100
138 30.0 21.7 32.5
277 28.4 20.2 30.2

