

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027794.D
 Acq On : 21 Sep 2023 19:28
 Operator : MA/JU
 Sample : 04330-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL4

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 04:01:28 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	5750	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	19270	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	11778	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.392	188	25334	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	21154	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	19239	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	15395	2.126	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	7598	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	18626	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.878	128	13751	0.250	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	9786	0.280	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	5441	0.151	ng/ul	99
10) Acenaphthylene	14.370	152	29284	0.569	ng/ul	99
11) Acenaphthene	14.707	153	10128	0.228	ng/ul	99
12) Fluorene	15.688	166	4040	0.077	ng/ul#	95
15) Phenanthrene	17.434	178	88670	1.114	ng/ul	99
16) Anthracene	17.527	178	38854	0.583	ng/ul	99
19) Fluoranthene	19.445	202	395746	4.626	ng/ul	99
20) Pyrene	19.813	202	457007	5.186	ng/ul	97
21) Benzo(a)anthracene	21.557	228	385596	4.711	ng/ul	99
22) Chrysene	21.612	228	467991	5.533	ng/ul	97
24) Benzo(b)fluoranthene	23.296	252	748690m	8.730	ng/ul	
25) Benzo(k)fluoranthene	23.342	252	278998m	3.357	ng/ul	
26) Benzo(a)pyrene	23.956	252	537432	7.792	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.690	276	377256	4.269	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.703	278	90055	1.266	ng/ul#	91
29) Benzo(g,h,i)perylene	27.515	276	395834	5.274	ng/ul	97

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

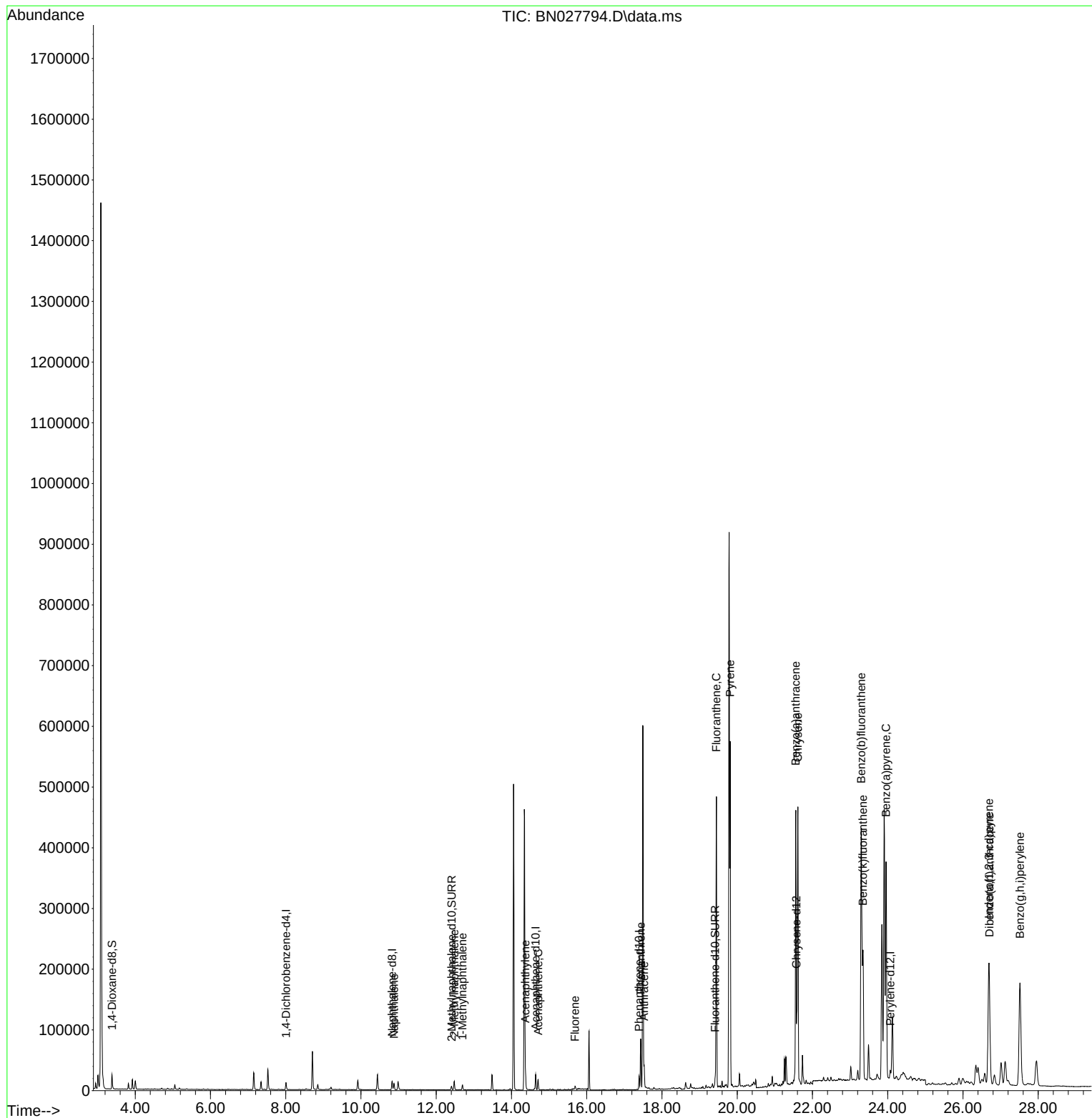
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027794.D
Acq On : 21 Sep 2023 19:28
Operator : MA/JU
Sample : 04330-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

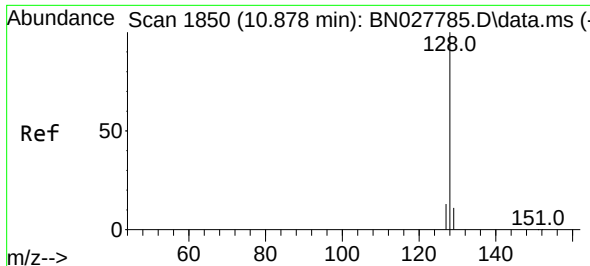
Instrument :
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EZY4

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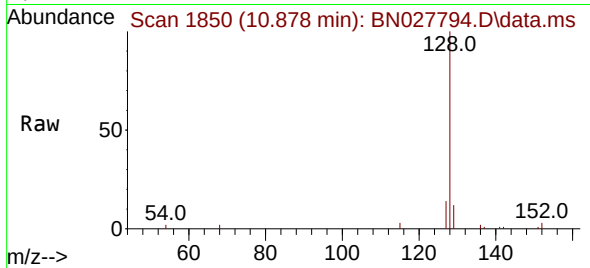
Quant Time: Sep 22 04:01:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.250 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

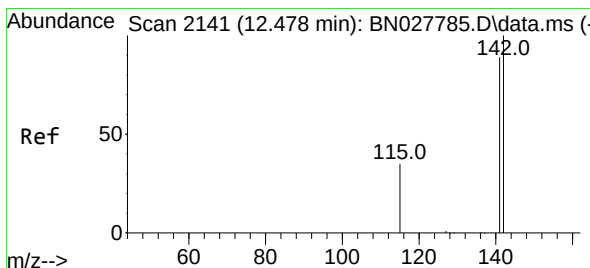
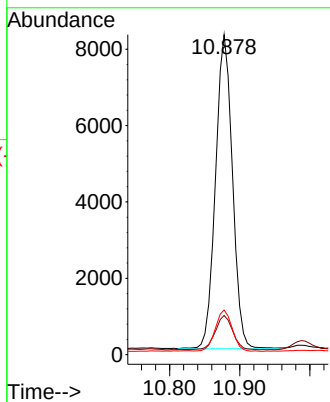
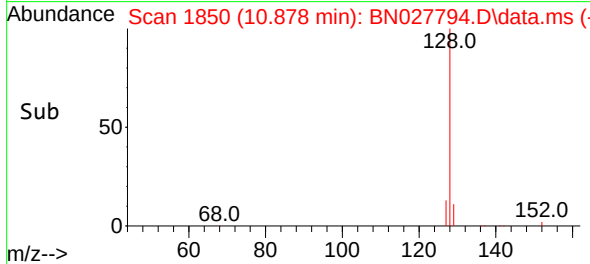
Instrument :
BNA_N
ClientSampleId :
EZY4



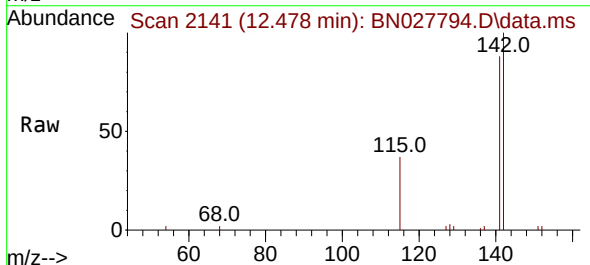
Tgt Ion:128 Resp: 1375
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 14.0 10.7 16.1

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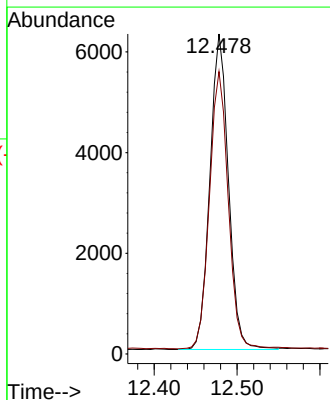
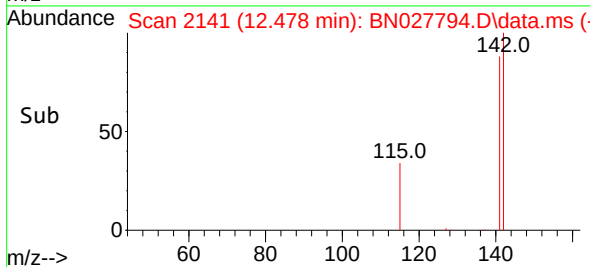
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

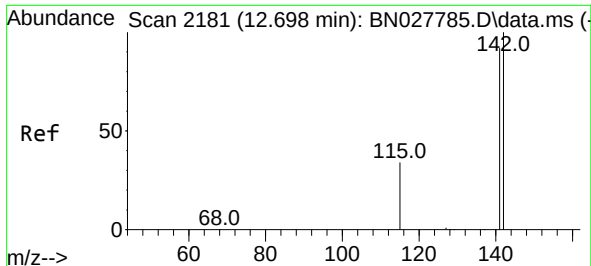


#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28



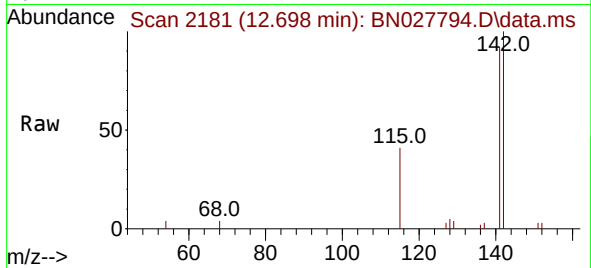
Tgt Ion:142 Resp: 9786
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.698 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

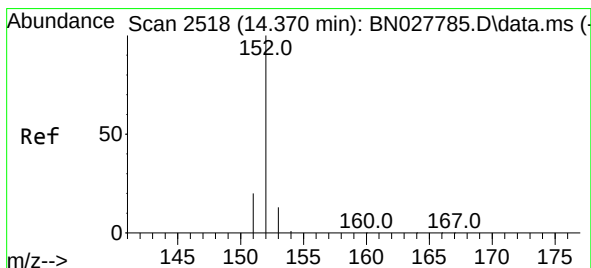
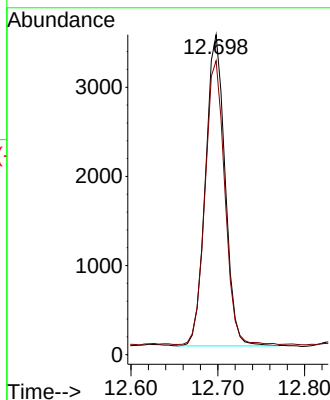
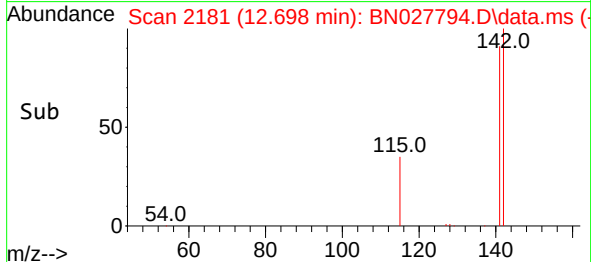
Instrument :
BNA_N
ClientSampleId :
EZY4



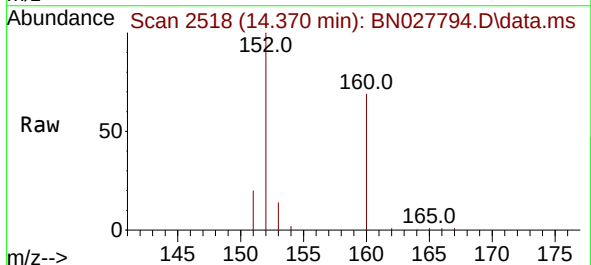
Tgt Ion:142 Resp: 544
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2

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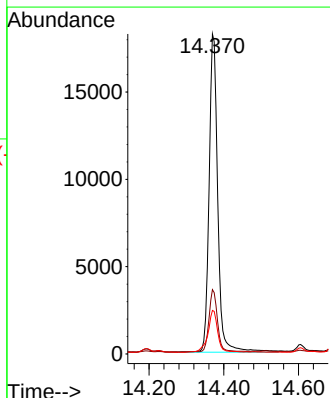
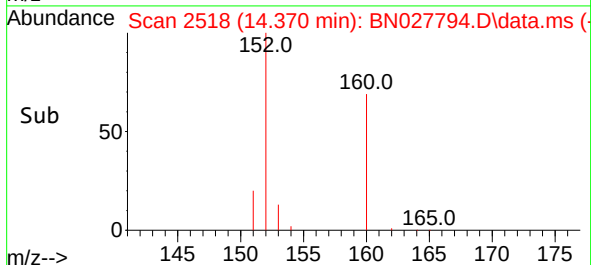
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

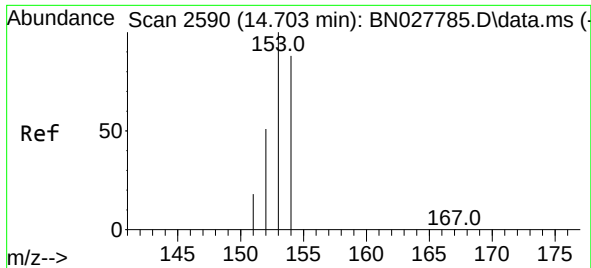


#10
Acenaphthylene
Concen: 0.569 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28



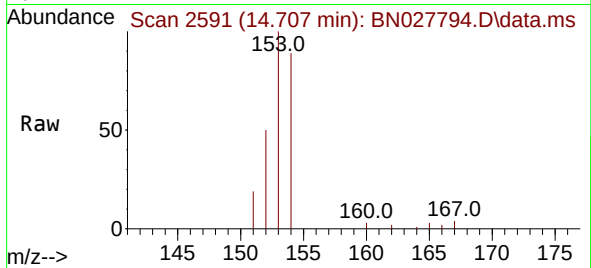
Tgt Ion:152 Resp: 29284
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.6 11.0 16.6





#11
Acenaphthene
Concen: 0.228 ng/ul
RT: 14.707 min Scan# 2591
Delta R.T. 0.005 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

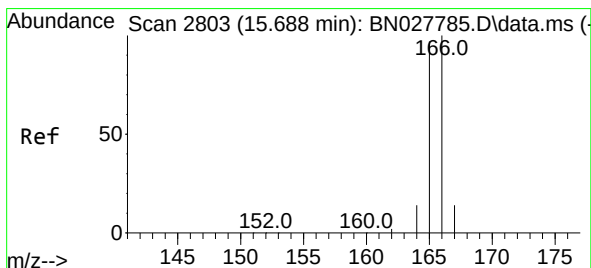
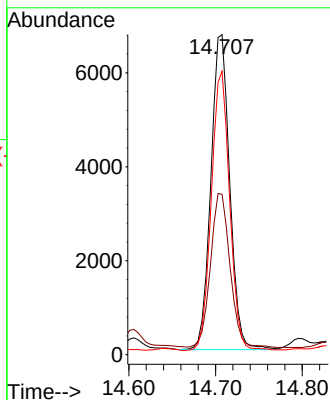
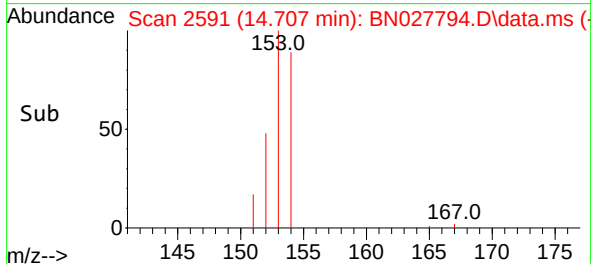
Instrument :
BNA_N
ClientSampleId :
EZY4



Tgt Ion:153 Resp: 10128
Ion Ratio Lower Upper
153 100
152 50.2 41.7 62.5
154 88.5 70.3 105.5

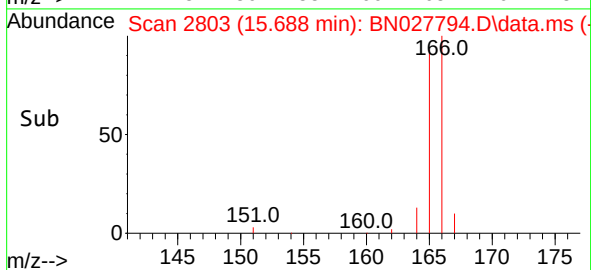
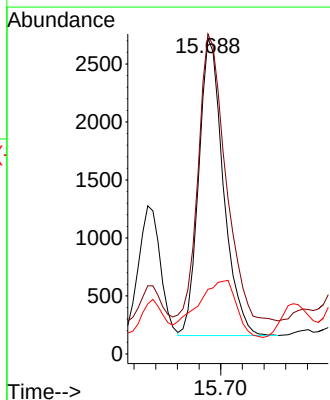
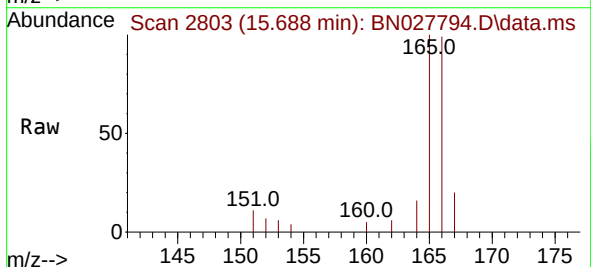
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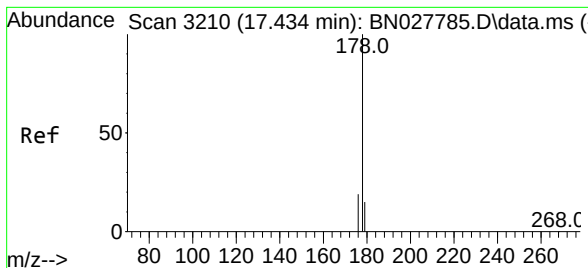
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

Tgt Ion:166 Resp: 4040
Ion Ratio Lower Upper
166 100
165 101.3 78.0 117.0
167 20.4 11.4 17.2#





#15

Phenanthrene

Concen: 1.114 ng/ul

RT: 17.434 min Scan# 3210

Delta R.T. 0.000 min

Lab File: BN027794.D

Acq: 21 Sep 2023 19:28

Instrument :

BNA_N

ClientSampleId :

EZYL4

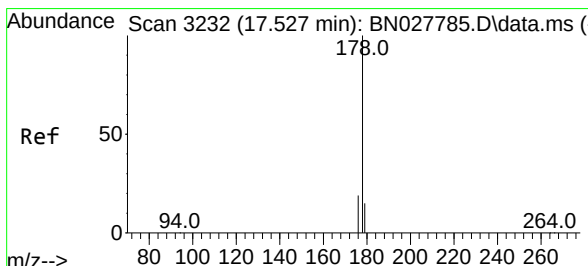
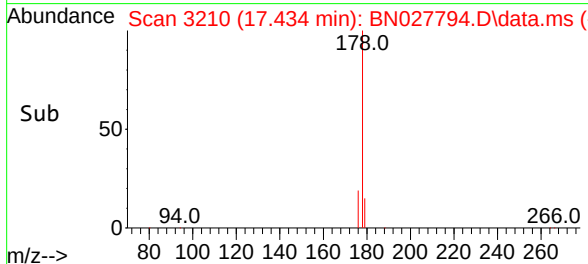
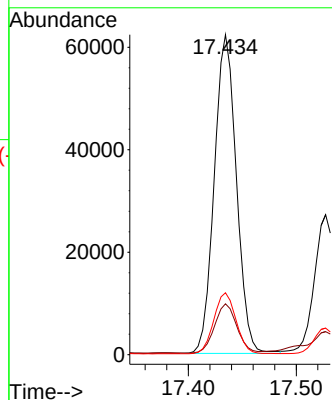
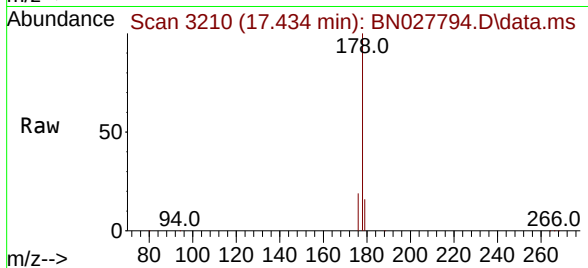
Tgt Ion:178	Resp:	88670
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.4 18.6
176	19.4	16.0 24.0

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Supervised By :mohammad ahmed 09/25/2023



#16

Anthracene

Concen: 0.583 ng/ul

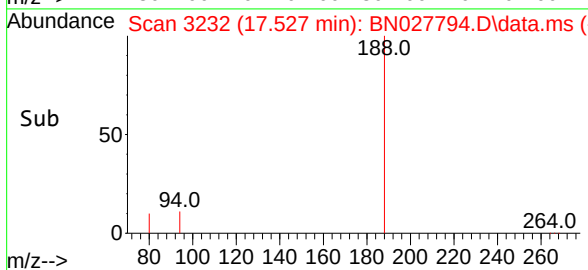
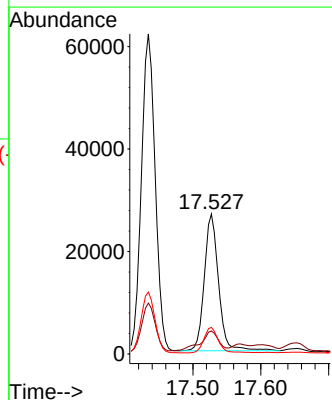
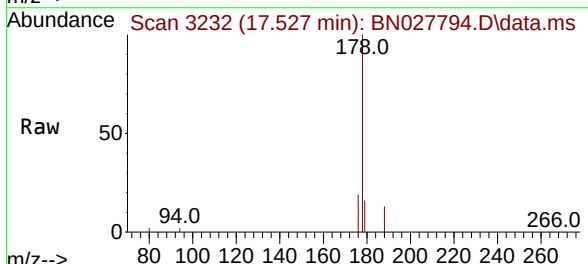
RT: 17.527 min Scan# 3232

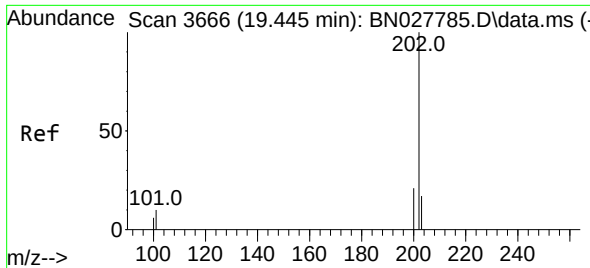
Delta R.T. 0.000 min

Lab File: BN027794.D

Acq: 21 Sep 2023 19:28

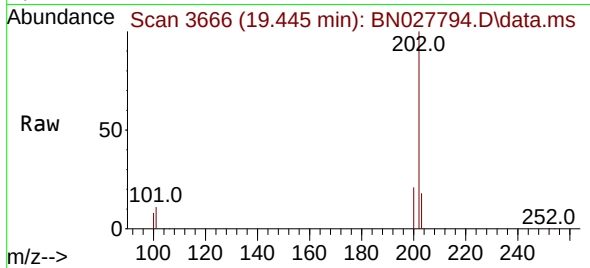
Tgt Ion:178	Resp:	38854
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.6 19.0
176	19.0	15.5 23.3





#19
Fluoranthene
Concen: 4.626 ng/u1
RT: 19.445 min Scan# 3074
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

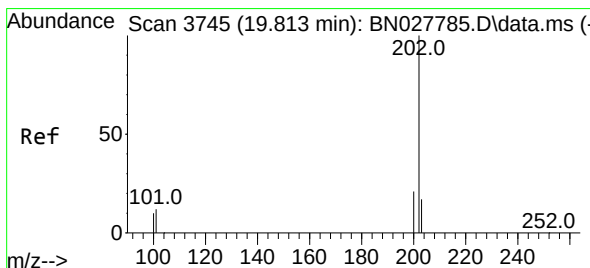
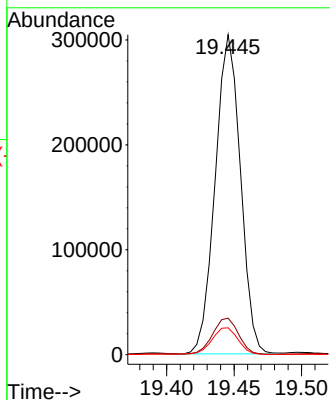
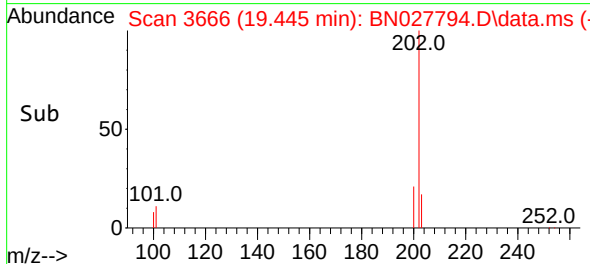
Instrument :
BNA_N
ClientSampleId :
EZY4



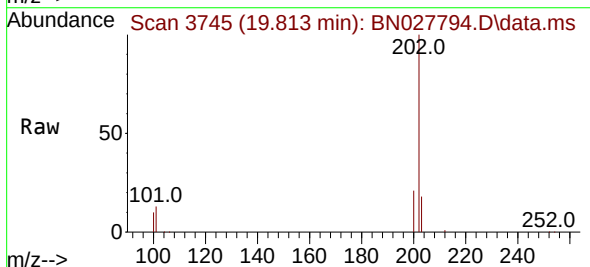
Tgt Ion:202 Resp: 395740
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 8.4 7.0 10.4

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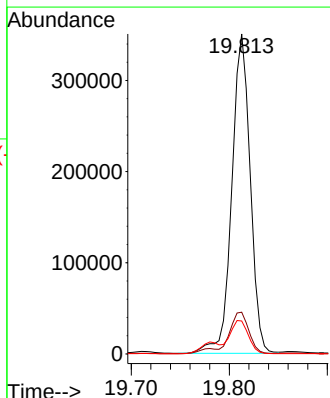
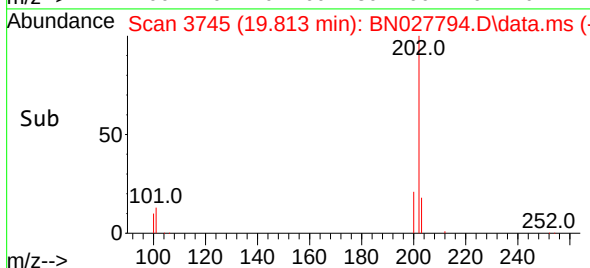
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

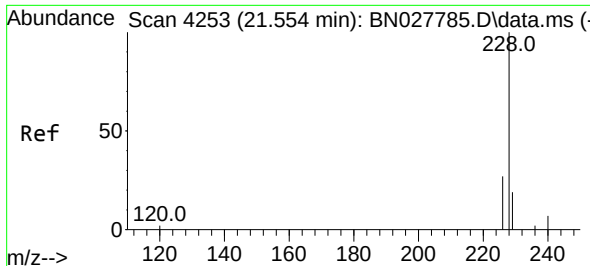


#20
Pyrene
Concen: 5.186 ng/u1
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28



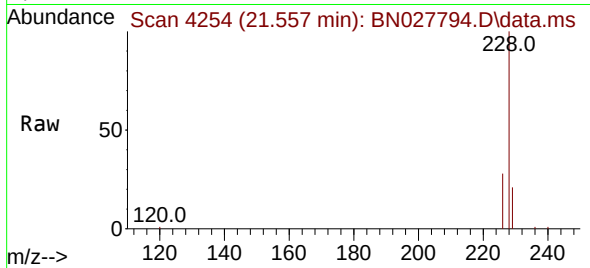
Tgt Ion:202 Resp: 457007
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.711 ng/ul
RT: 21.557 min Scan# 4253
Delta R.T. 0.003 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

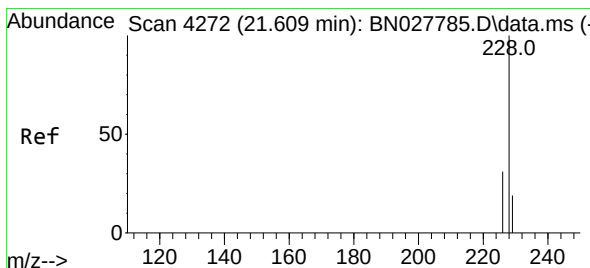
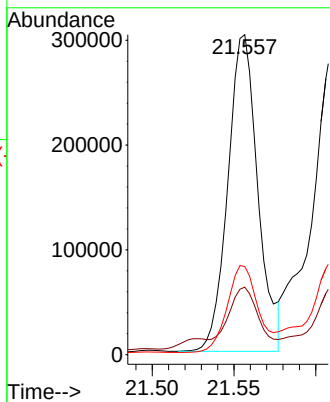
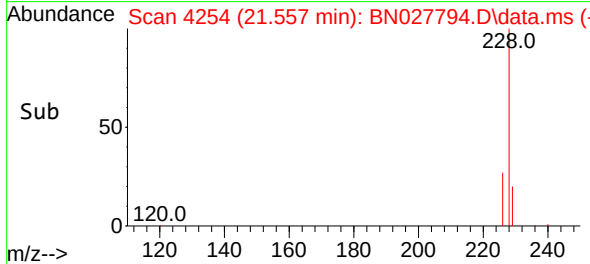
Instrument :
BNA_N
ClientSampleId :
EZY4



Tgt Ion:228 Resp: 385590
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 27.5 22.0 33.0

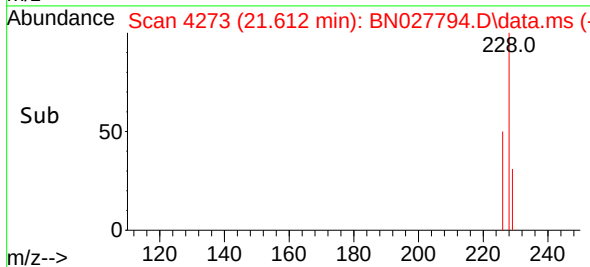
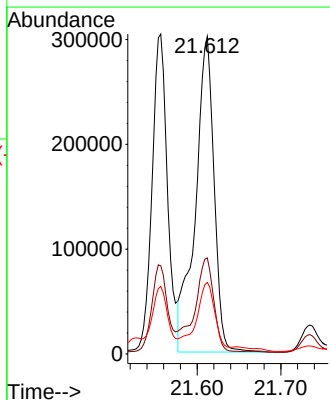
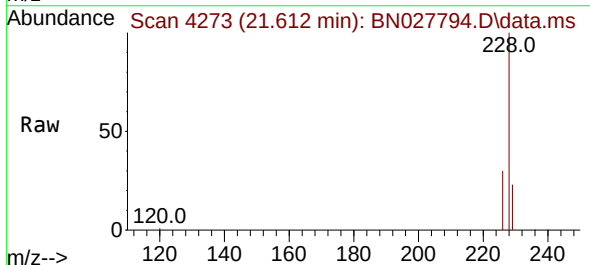
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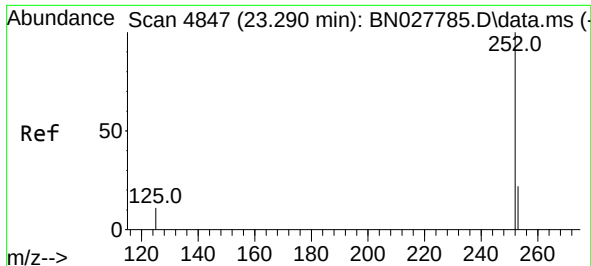
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#22
Chrysene
Concen: 5.533 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

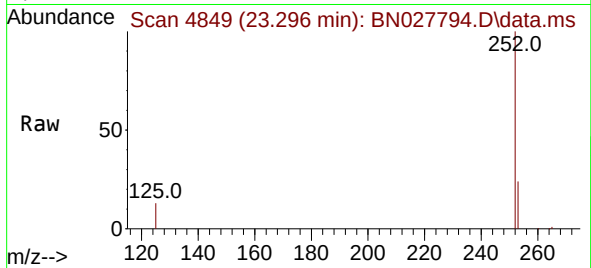
Tgt Ion:228 Resp: 467991
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 8.730 ng/ul m
RT: 23.296 min Scan# 4847
Delta R.T. 0.006 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

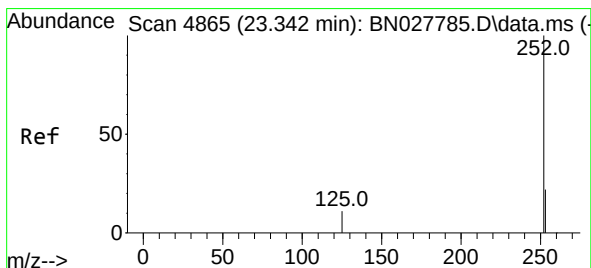
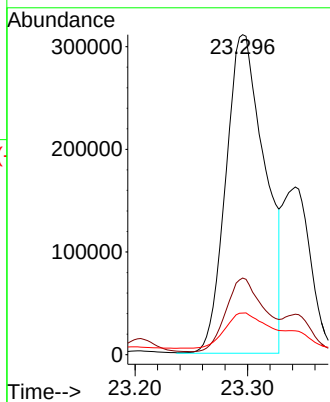
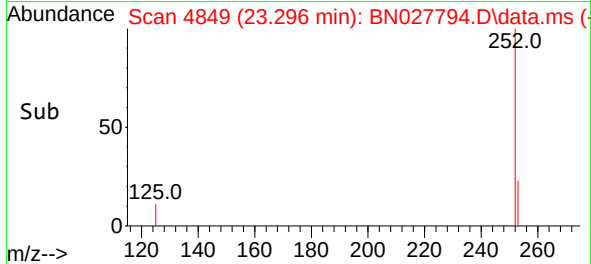
Instrument :
BNA_N
ClientSampleId :
EZY4



Tgt Ion:252 Resp: 748690
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 13.0 0.0 31.4

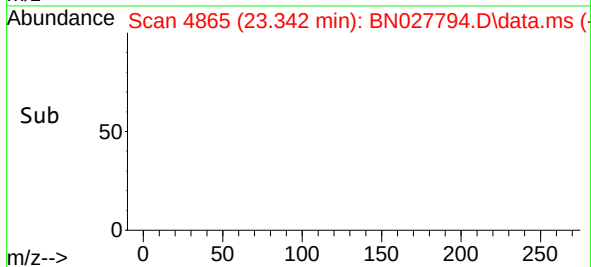
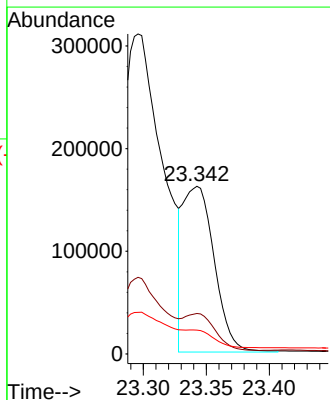
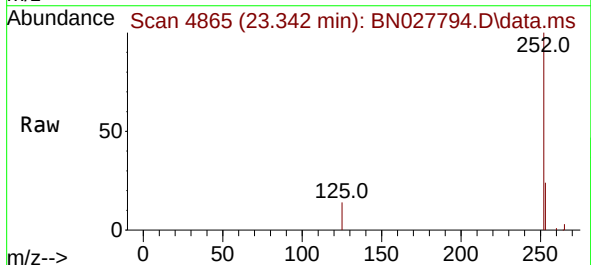
Manual Integrations
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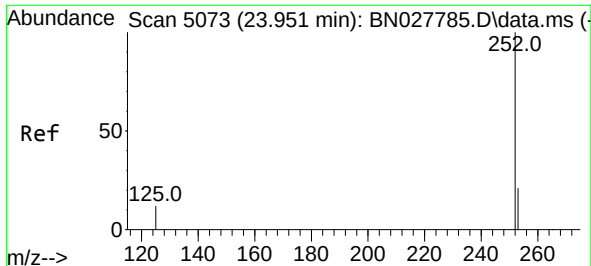
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 3.357 ng/ul m
RT: 23.342 min Scan# 4865
Delta R.T. 0.000 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

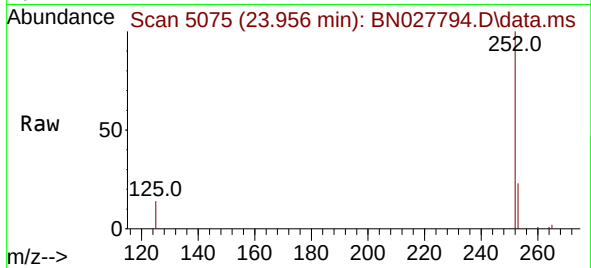
Tgt Ion:252 Resp: 278998
Ion Ratio Lower Upper
252 100
253 24.1 19.9 29.9
125 14.2 12.6 19.0





#26
Benzo(a)pyrene
Concen: 7.792 ng/ul
RT: 23.956 min Scan# 5073
Delta R.T. 0.006 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

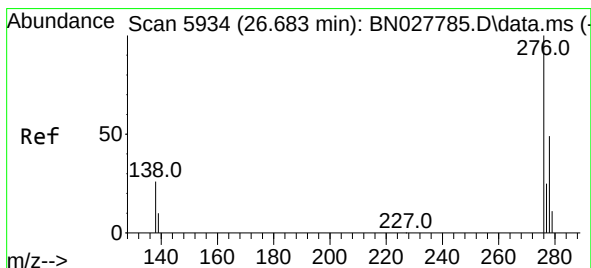
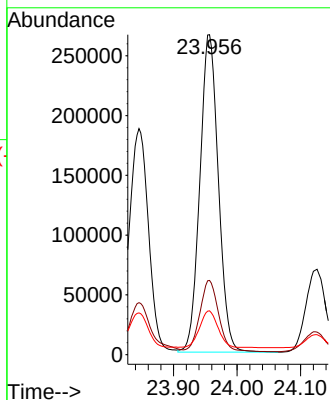
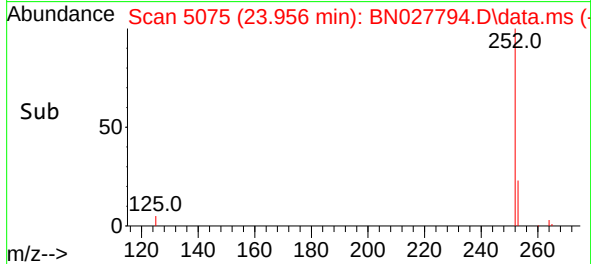
Instrument :
BNA_N
ClientSampleId :
EZY4



Tgt Ion:252 Resp: 537432
Ion Ratio Lower Upper
252 100
253 23.2 21.9 32.9
125 13.7 15.5 23.3

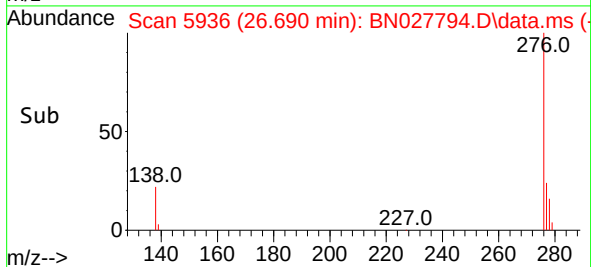
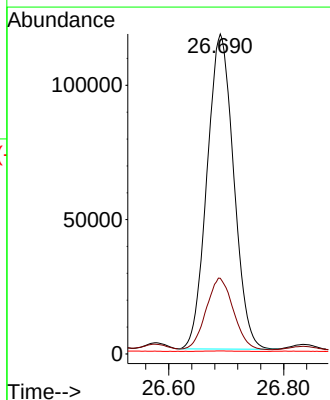
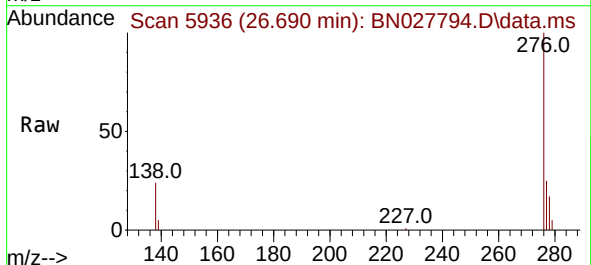
Manual Integrations
APPROVED

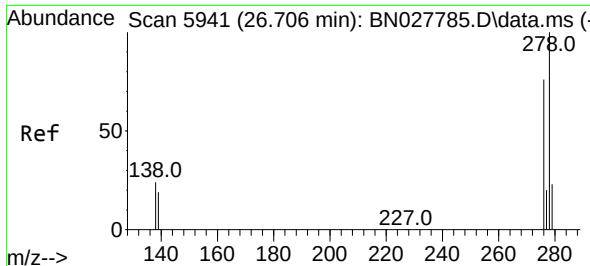
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.269 ng/ul
RT: 26.690 min Scan# 5936
Delta R.T. 0.007 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

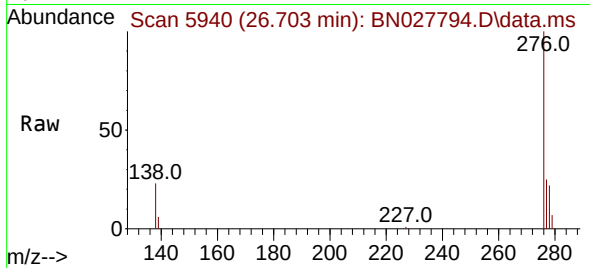
Tgt Ion:276 Resp: 377256
Ion Ratio Lower Upper
276 100
138 23.1 24.3 36.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.266 ng/ul
RT: 26.703 min Scan# 5941
Delta R.T. -0.003 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28

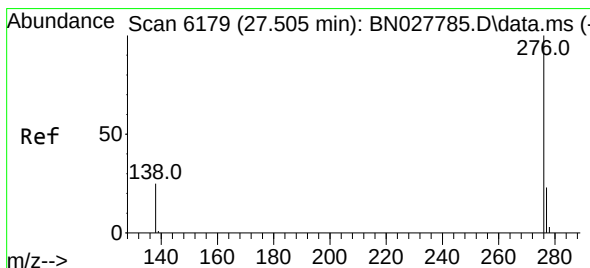
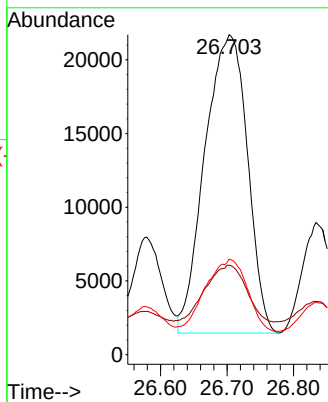
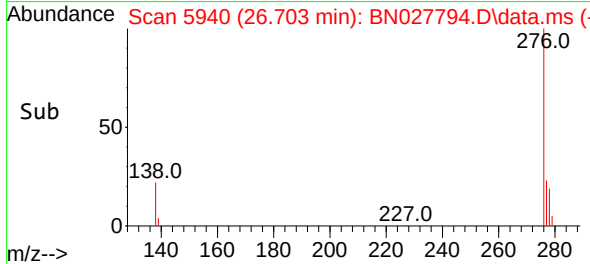
Instrument :
BNA_N
ClientSampleId :
EZY4



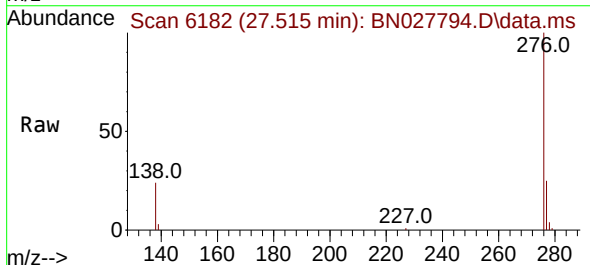
Tgt Ion:278 Resp: 9005
Ion Ratio Lower Upper
278 100
139 27.9 17.2 25.8
279 29.8 21.4 32.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 5.274 ng/ul
RT: 27.515 min Scan# 6182
Delta R.T. 0.010 min
Lab File: BN027794.D
Acq: 21 Sep 2023 19:28



Tgt Ion:276 Resp: 395834
Ion Ratio Lower Upper
276 100
138 24.4 21.7 32.5
277 24.7 20.2 30.2

