

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027803.D
 Acq On : 22 Sep 2023 01:33
 Operator : MA/JU
 Sample : 04330-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYX7

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 04:03:56 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	5994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	20309	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	12968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	28015	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.574	240	21244	0.400	ng/ul	# 0.00
23) Perylene-d12	24.073	264	19243	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	16919	2.241	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8813	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	23010	0.355	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	54263	0.935	ng/ul	100
7) 2-Methylnaphthalene	12.478	142	29907	0.812	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	15596	0.411	ng/ul	99
10) Acenaphthylene	14.370	152	61848	1.092	ng/ul	99
11) Acenaphthene	14.703	153	7559	0.154	ng/ul	95
12) Fluorene	15.688	166	7338	0.127	ng/ul#	76
15) Phenanthrene	17.434	178	169098	1.921	ng/ul	97
16) Anthracene	17.527	178	47648	0.646	ng/ul#	87
19) Fluoranthene	19.445	202	440086	5.123	ng/ul	99
20) Pyrene	19.812	202	458869	5.185	ng/ul	100
21) Benzo(a)anthracene	21.556	228	213235	2.594	ng/ul#	90
22) Chrysene	21.612	228	259513m	3.055	ng/ul	
24) Benzo(b)fluoranthene	23.298	252	360275m	4.200	ng/ul	
25) Benzo(k)fluoranthene	23.342	252	118566m	1.426	ng/ul	
26) Benzo(a)pyrene	23.959	252	207340	3.006	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.696	276	171556	1.941	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.710	278	41380	0.581	ng/ul#	1
29) Benzo(g,h,i)perylene	27.518	276	191521	2.551	ng/ul#	91

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

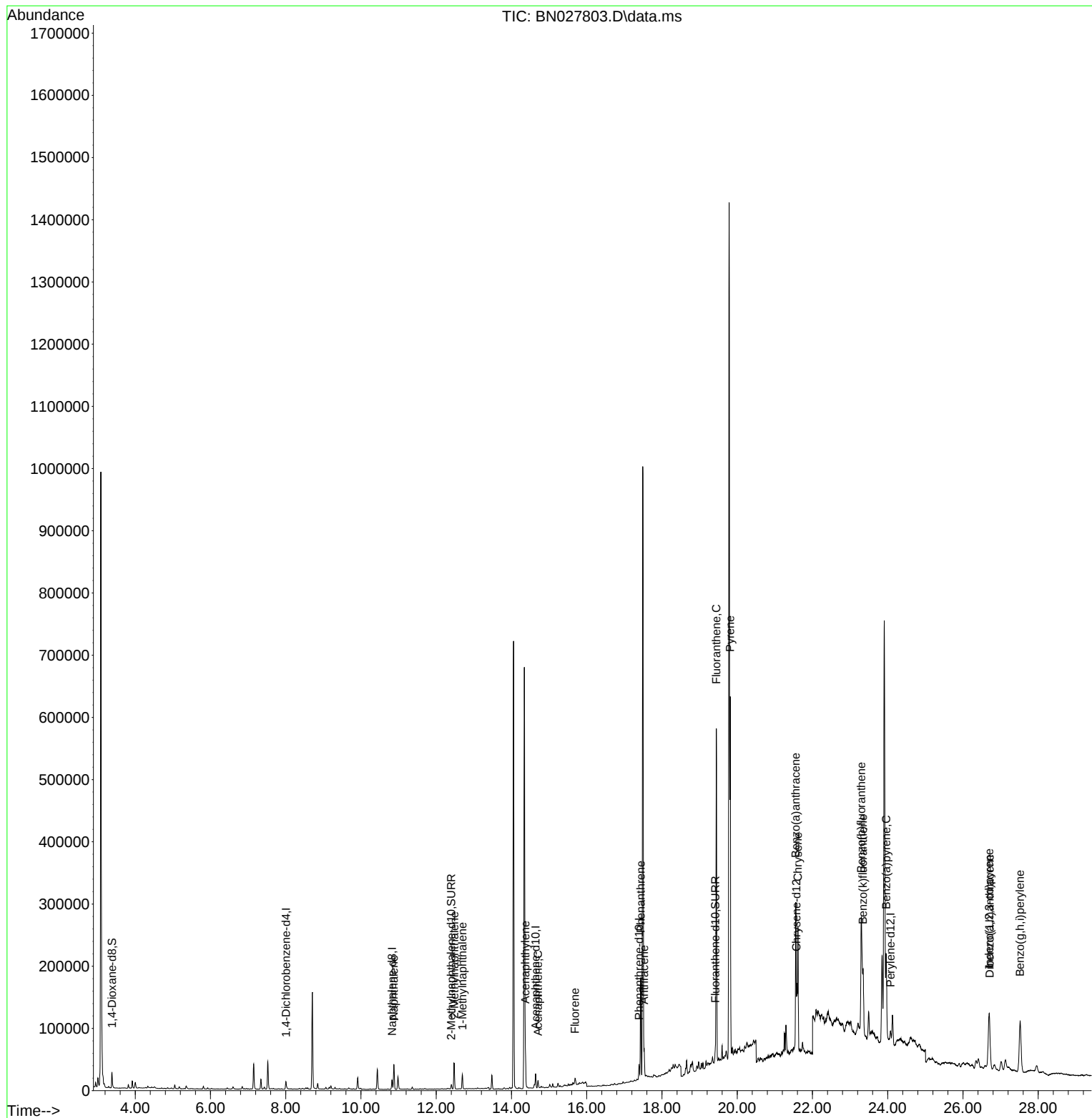
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027803.D
Acq On : 22 Sep 2023 01:33
Operator : MA/JU
Sample : 04330-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

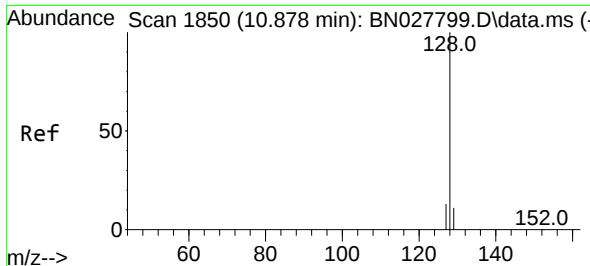
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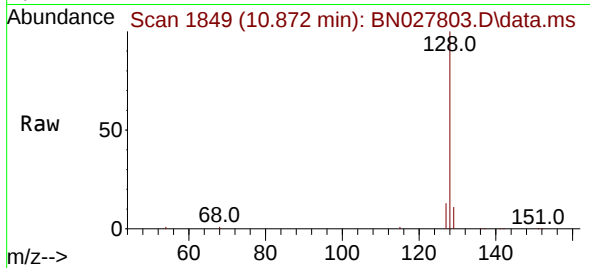
Quant Time: Sep 22 04:03:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.935 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

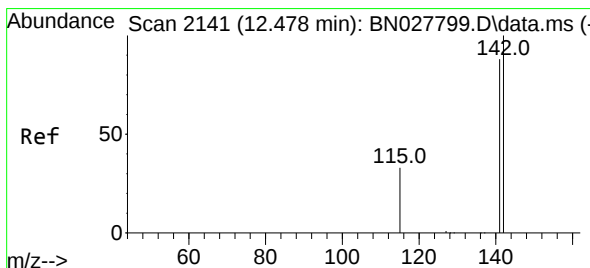
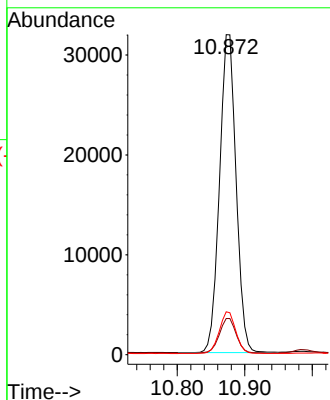
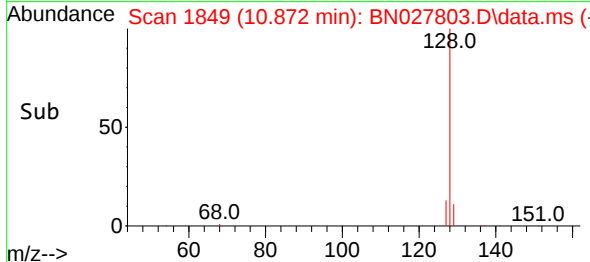
Instrument :
BNA_N
ClientSampleId :
EZYX7



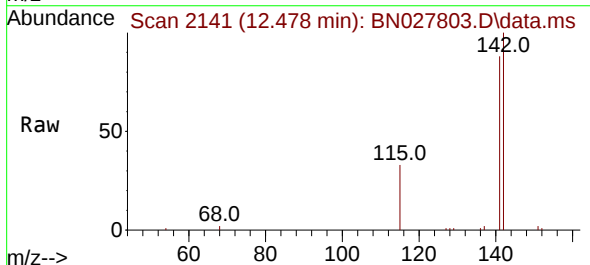
Tgt Ion:128 Resp: 5426
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.7 16.1

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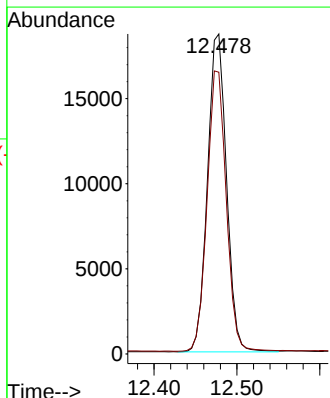
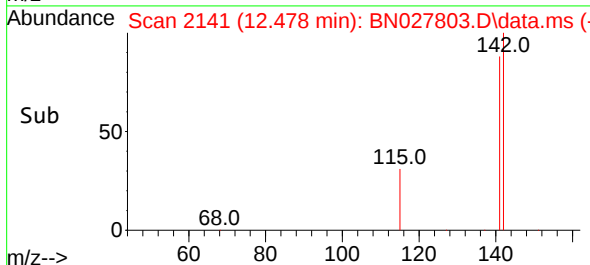
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

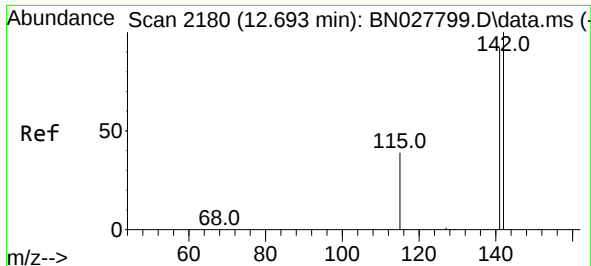


#7
2-Methylnaphthalene
Concen: 0.812 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33



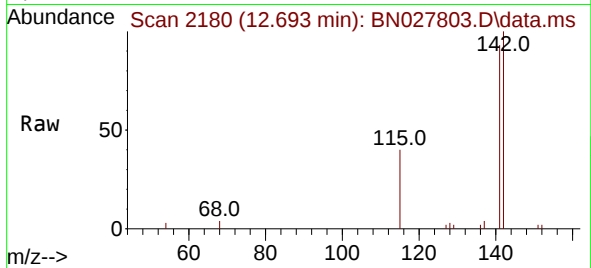
Tgt Ion:142 Resp: 29907
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

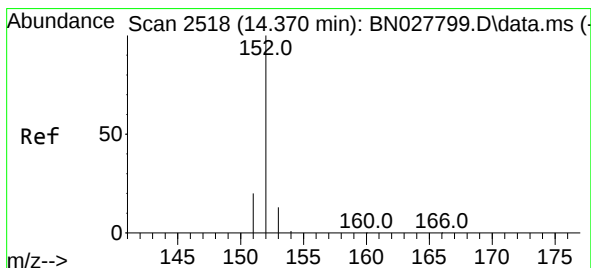
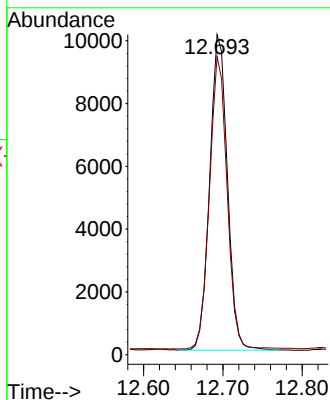
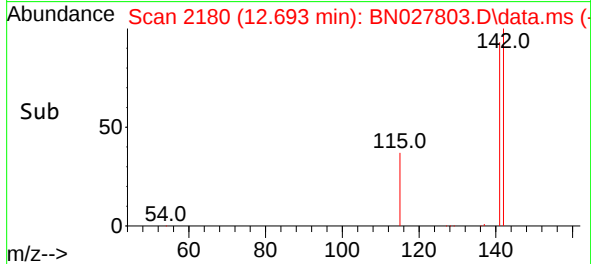
Instrument :
BNA_N
ClientSampleId :
EZYX7



Tgt Ion:142 Resp: 15590
Ion Ratio Lower Upper
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141 91.8 72.8 109.2

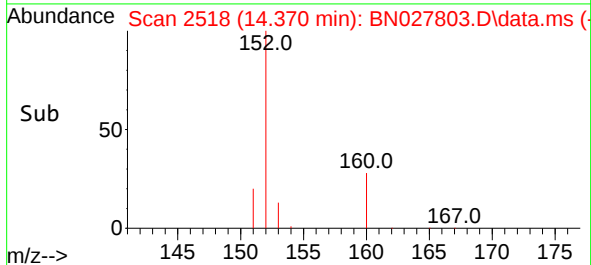
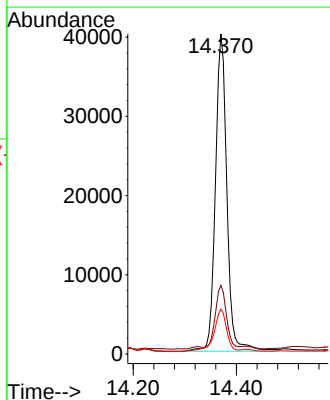
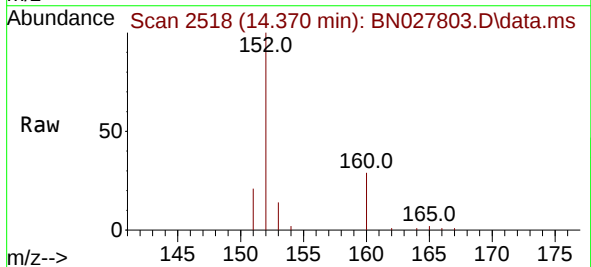
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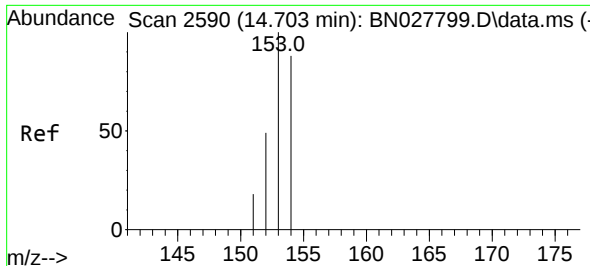
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 1.092 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

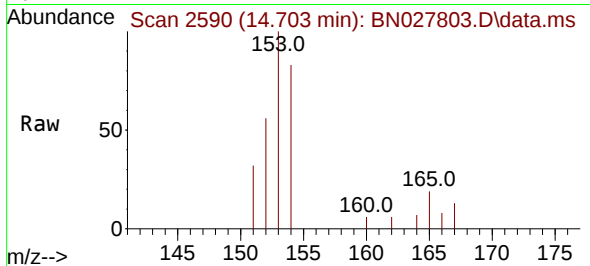
Tgt Ion:152 Resp: 61848
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0
153 14.0 11.0 16.6





#11
Acenaphthene
Concen: 0.154 ng/u1
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

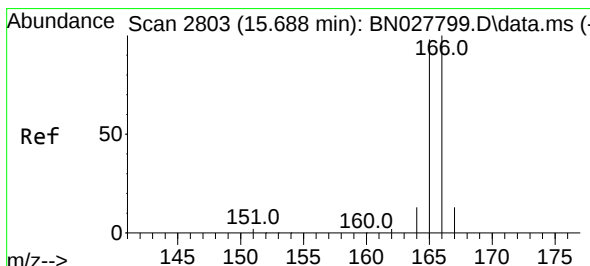
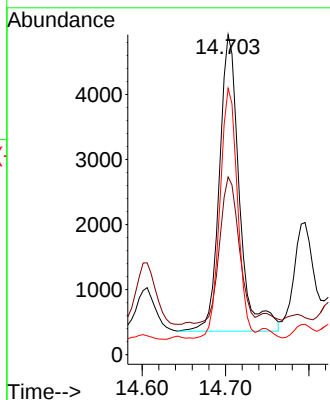
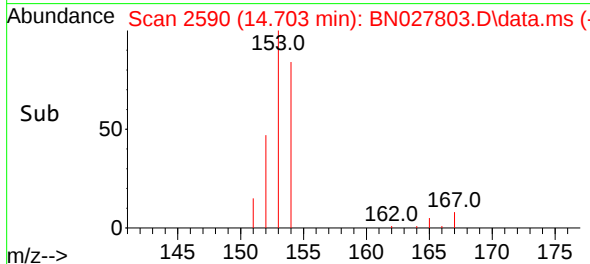
Instrument :
BNA_N
ClientSampleId :
EZYX7



Tgt Ion:153 Resp: 7559
Ion Ratio Lower Upper
153 100
152 55.5 41.7 62.5
154 83.2 70.3 105.5

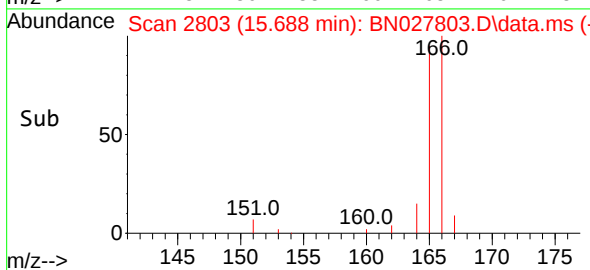
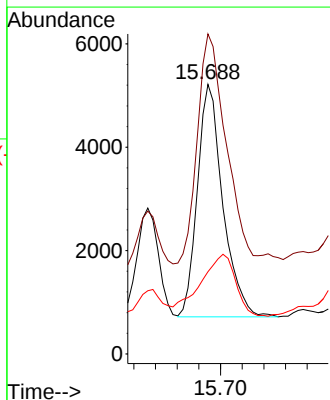
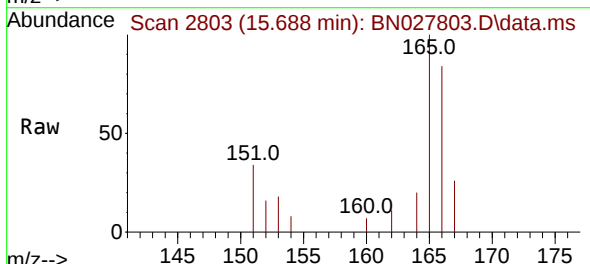
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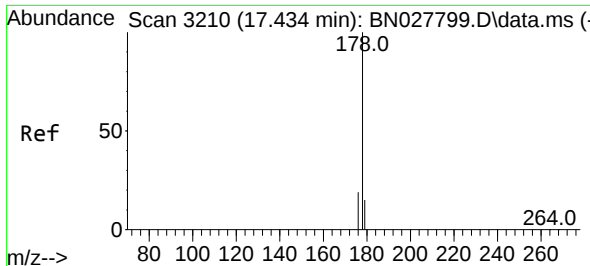
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#12
Fluorene
Concen: 0.127 ng/u1
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

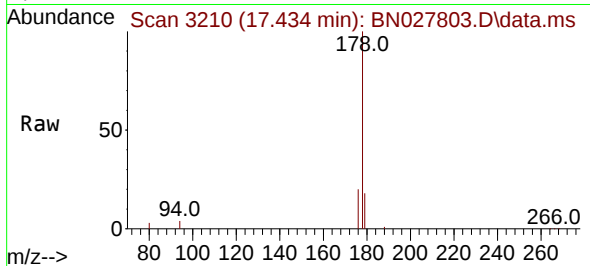
Tgt Ion:166 Resp: 7338
Ion Ratio Lower Upper
166 100
165 118.7 78.0 117.0#
167 30.5 11.4 17.2#





#15
Phenanthrene
Concen: 1.921 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

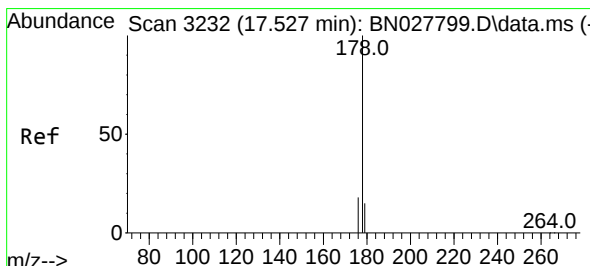
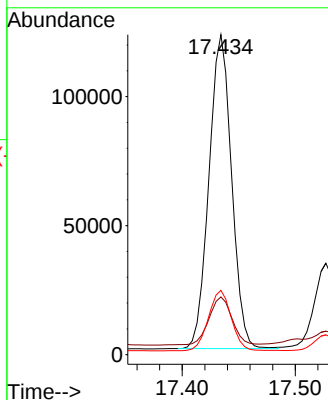
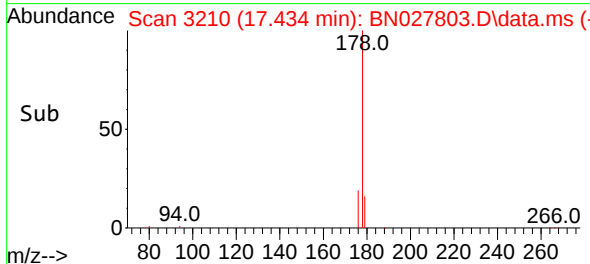
Instrument :
BNA_N
ClientSampleId :
EZYX7



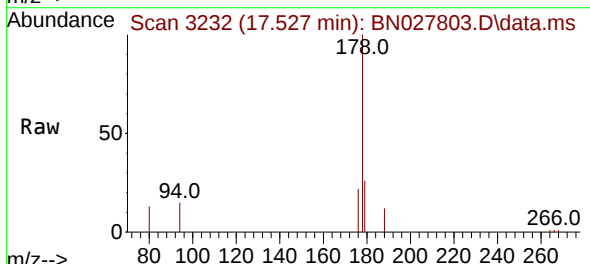
Tgt Ion:178 Resp: 169098
Ion Ratio Lower Upper
178 100
179 18.1 12.4 18.6
176 20.1 16.0 24.0

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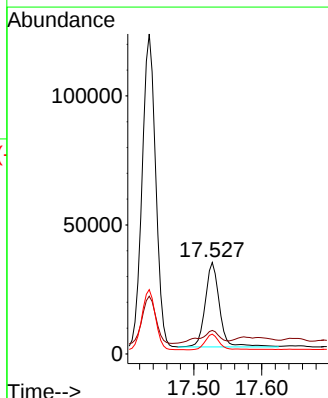
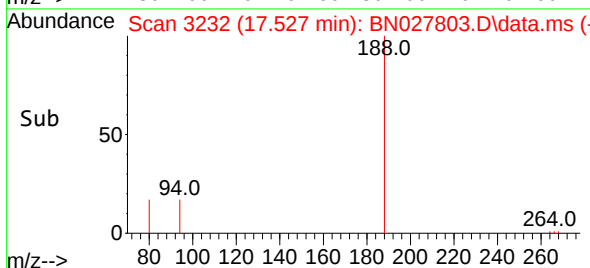
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

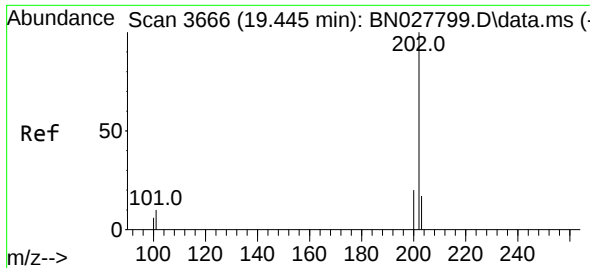


#16
Anthracene
Concen: 0.646 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. -0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33



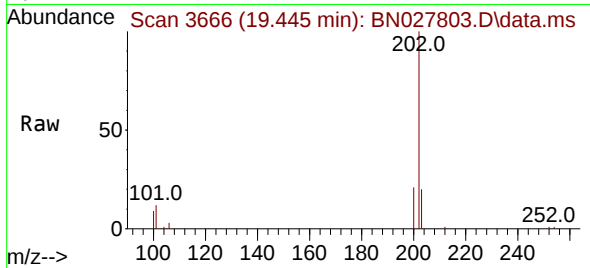
Tgt Ion:178 Resp: 47648
Ion Ratio Lower Upper
178 100
179 25.7 12.6 19.0#
176 21.6 15.5 23.3





#19
Fluoranthene
Concen: 5.123 ng/u1
RT: 19.445 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

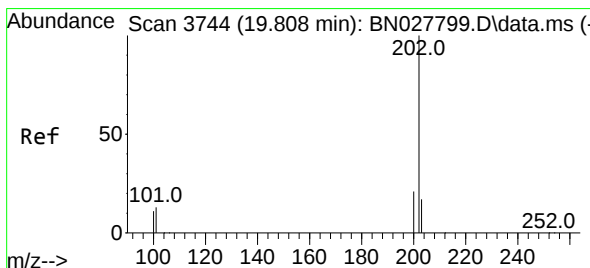
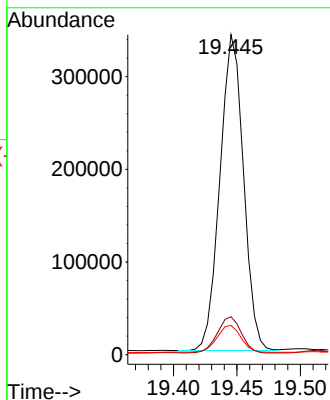
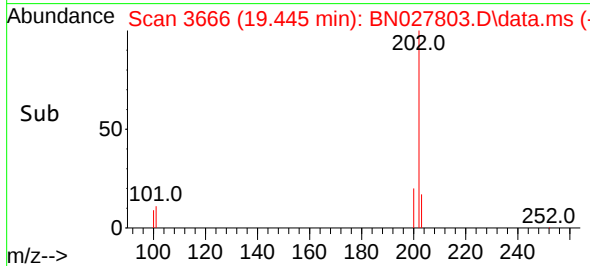
Instrument :
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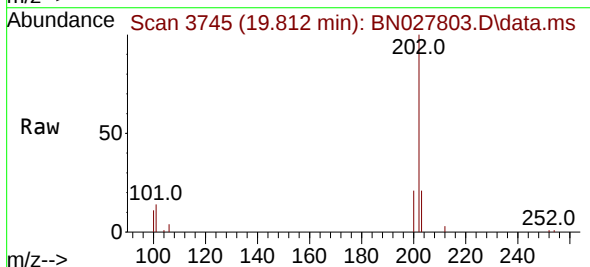
Tgt Ion:202 Resp: 440080
Ion Ratio Lower Upper
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101 11.8 9.3 13.9
100 9.1 7.0 10.4

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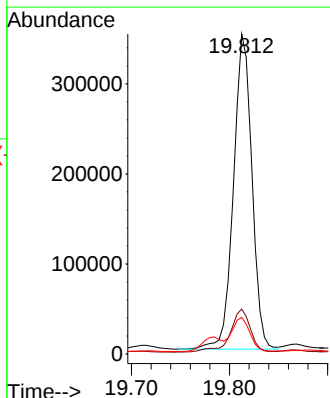
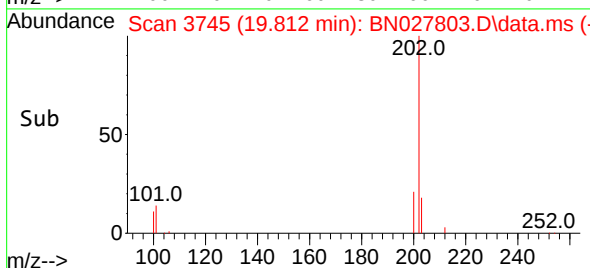
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

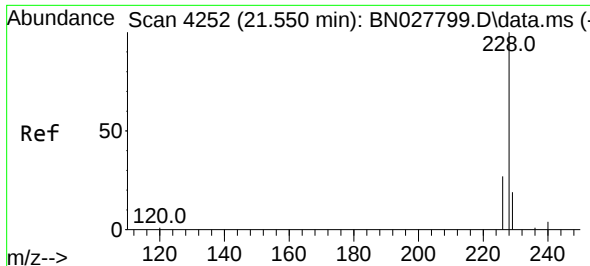


#20
Pyrene
Concen: 5.185 ng/u1
RT: 19.812 min Scan# 3745
Delta R.T. -0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33



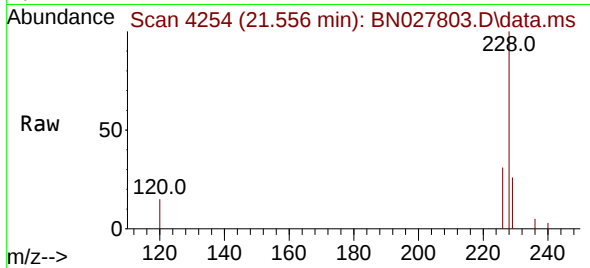
Tgt Ion:202 Resp: 458869
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.594 ng/ul
RT: 21.556 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

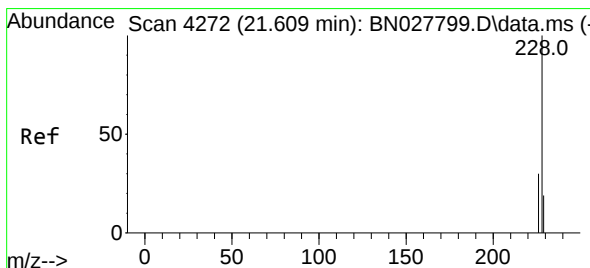
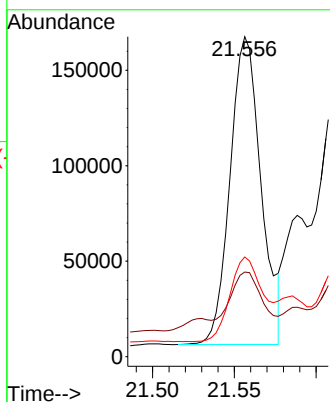
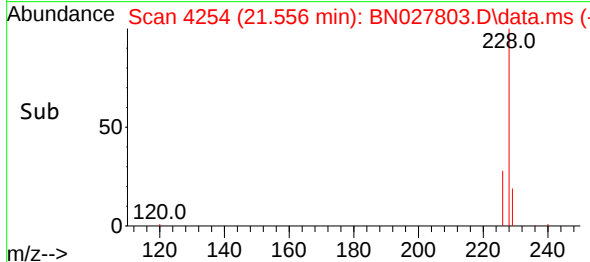
Instrument :
BNA_N
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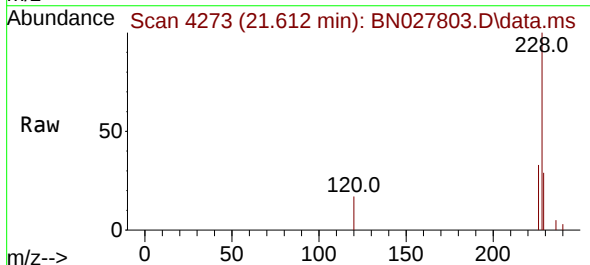
Tgt Ion:228 Resp: 213235
Ion Ratio Lower Upper
228 100
229 26.5 15.8 23.8
226 31.2 22.0 33.0

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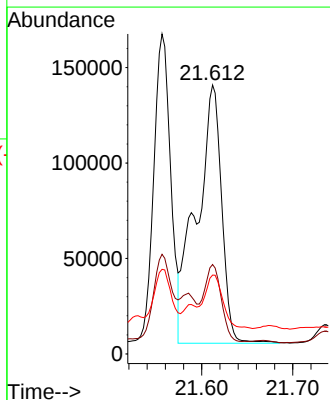
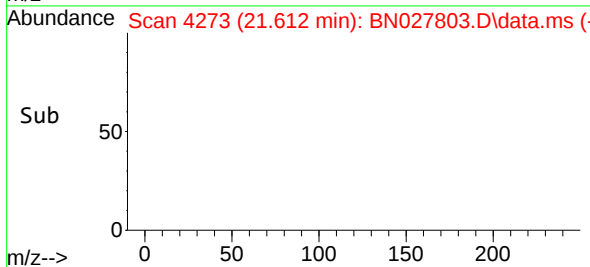
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

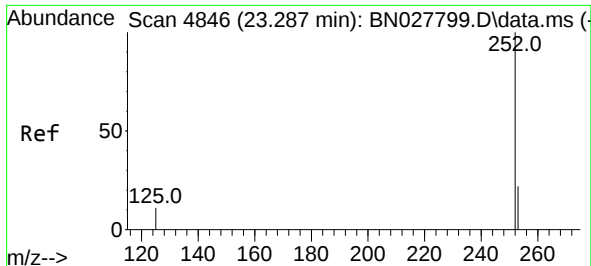


#22
Chrysene
Concen: 3.055 ng/ul m
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33



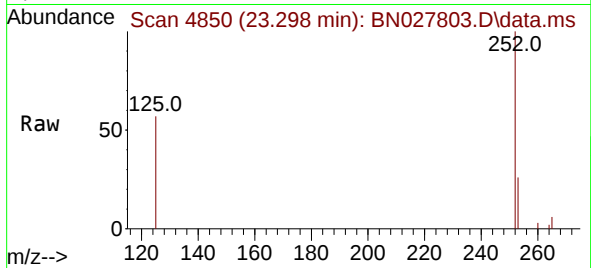
Tgt Ion:228 Resp: 259513
Ion Ratio Lower Upper
228 100
226 33.3 24.5 36.7
229 29.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.200 ng/ul m
RT: 23.298 min Scan# 4850
Delta R.T. 0.009 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

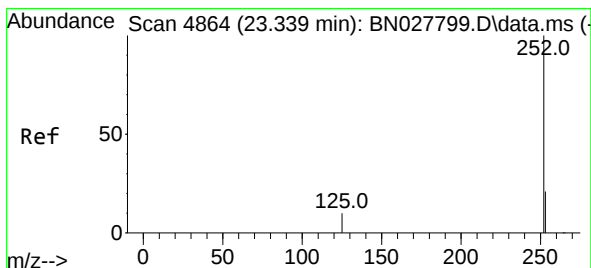
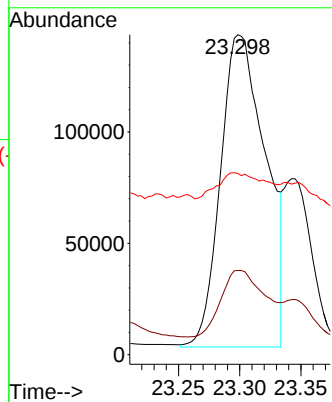
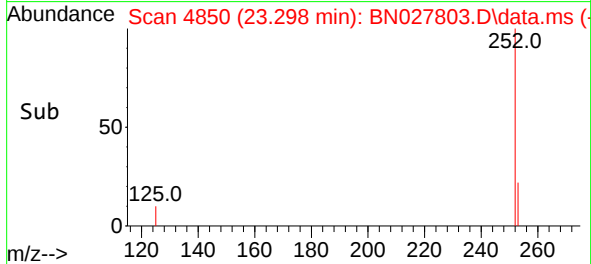
Instrument :
BNA_N
ClientSampleId :
EZYX7



Tgt Ion:252 Resp: 360275
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.2
125 56.6 0.0 31.4

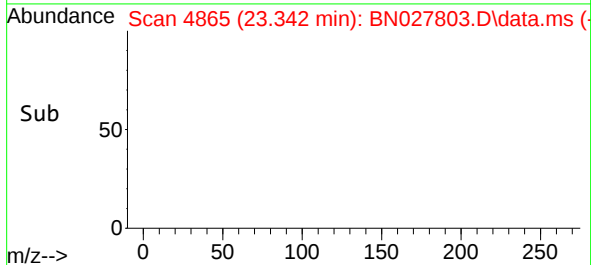
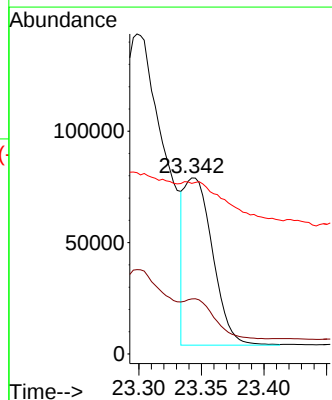
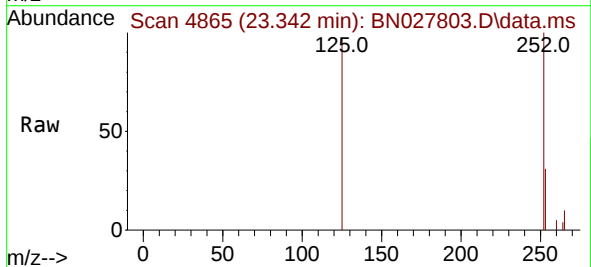
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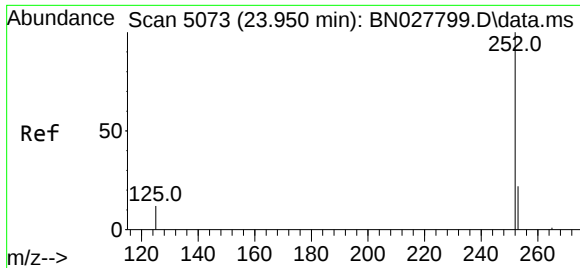
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 1.426 ng/ul m
RT: 23.342 min Scan# 4865
Delta R.T. -0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

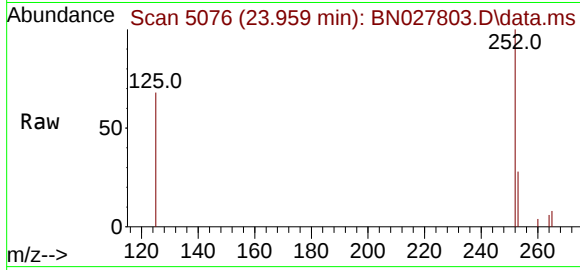
Tgt Ion:252 Resp: 118566
Ion Ratio Lower Upper
252 100
253 31.3 19.9 29.9#
125 96.9 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 3.006 ng/ul
RT: 23.959 min Scan# 5073
Delta R.T. 0.009 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

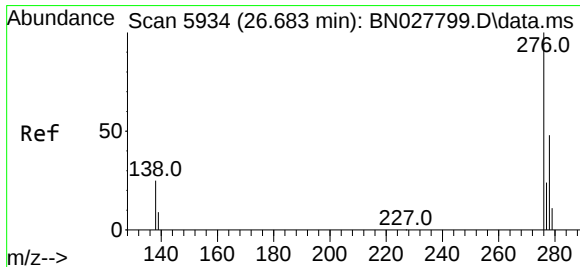
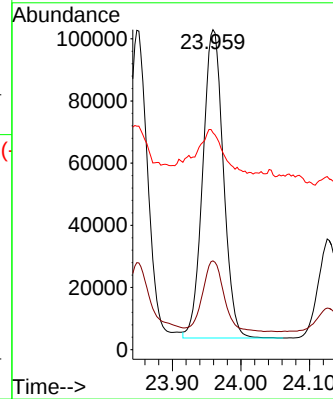
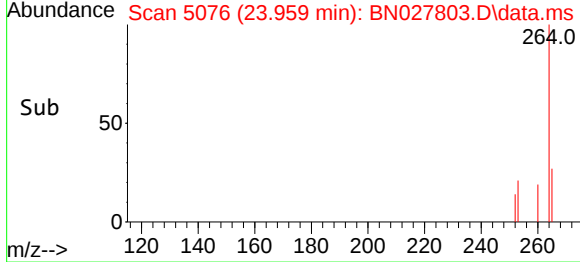
Instrument :
BNA_N
ClientSampleId :
EZYX7



Tgt Ion:252 Resp: 207340
Ion Ratio Lower Upper
252 100
253 27.7 21.9 32.9
125 67.8 15.5 23.3

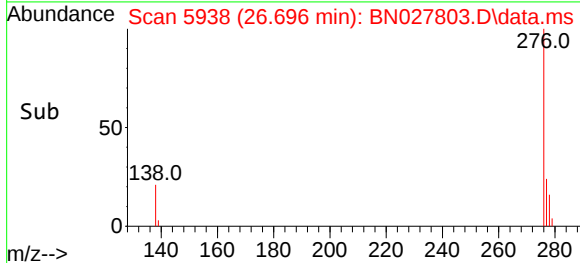
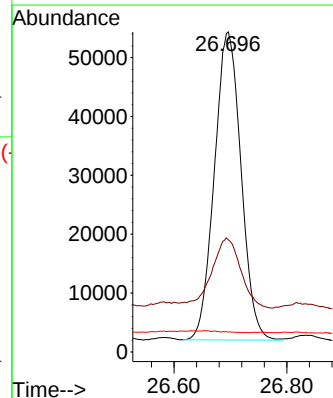
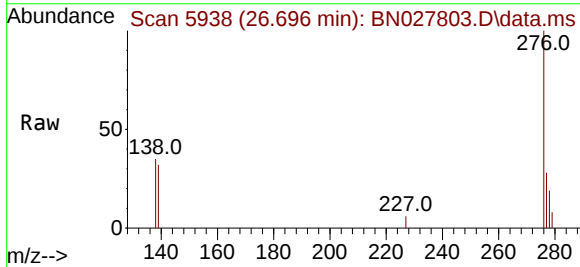
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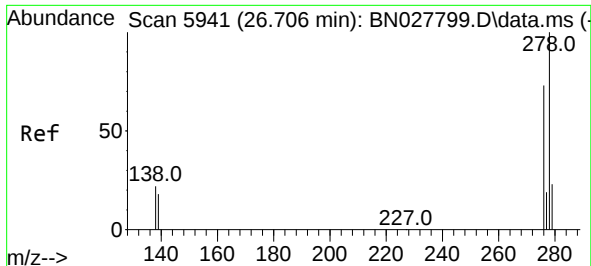
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.941 ng/ul
RT: 26.696 min Scan# 5938
Delta R.T. 0.013 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

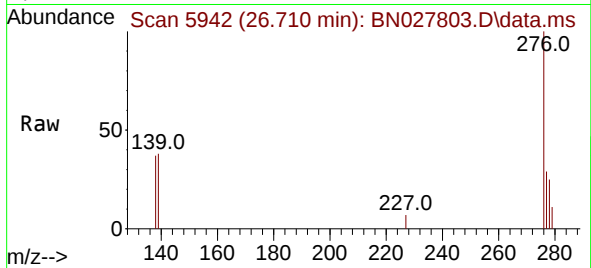
Tgt Ion:276 Resp: 171556
Ion Ratio Lower Upper
276 100
138 24.3 24.3 36.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.581 ng/ul
RT: 26.710 min Scan# 5941
Delta R.T. 0.003 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

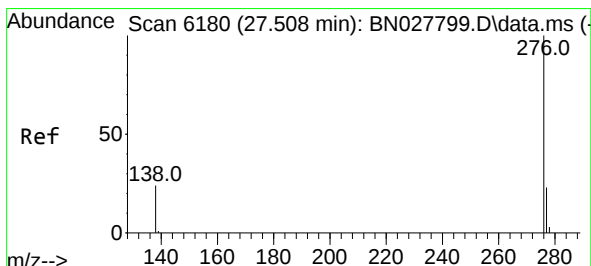
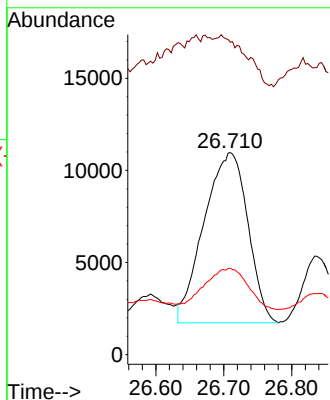
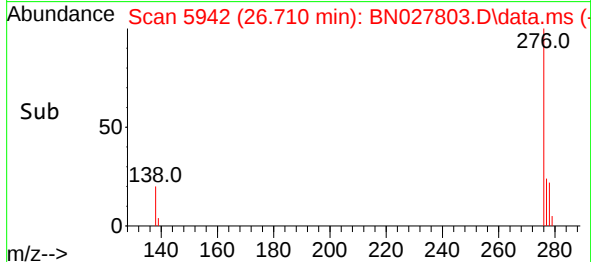
Instrument :
BNA_N
ClientSampleId :
EZYX7



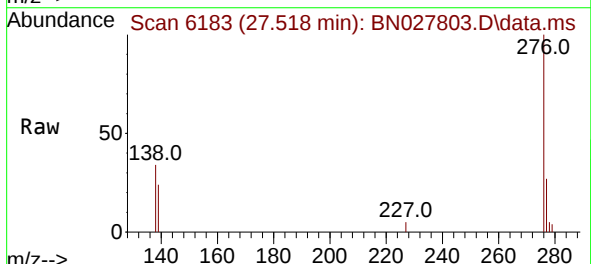
Tgt Ion:278 Resp: 41380
Ion Ratio Lower Upper
278 100
139 154.7 17.2 25.8
279 42.8 21.4 32.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.551 ng/ul
RT: 27.518 min Scan# 6183
Delta R.T. 0.013 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33



Tgt Ion:276 Resp: 191521
Ion Ratio Lower Upper
276 100
138 33.9 21.7 32.5
277 27.1 20.2 30.2

