

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027811.D
 Acq On : 22 Sep 2023 06:21
 Operator : MA/JU
 Sample : 04332-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAN1

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 07:06:15 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	8.000	152	5678	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19730	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	27394	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	22798	0.400	ng/ul	0.00
23) Perylene-d12	24.062	264	20227	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	28431	3.975	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	7479	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	18831	0.270	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	2854	0.051	ng/ul#	87
7) 2-Methylnaphthalene	12.473	142	2506	0.070	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	2158	0.058	ng/ul	99
10) Acenaphthylene	14.370	152	2555	0.049	ng/ul#	89
15) Phenanthrene	17.430	178	22354	0.260	ng/ul	99
16) Anthracene	17.523	178	2827	0.039	ng/ul#	84
19) Fluoranthene	19.441	202	59306	0.643	ng/ul	96
20) Pyrene	19.808	202	49474m	0.521	ng/ul	
21) Benzo(a)anthracene	21.551	228	22371	0.254	ng/ul	95
22) Chrysene	21.609	228	28226	0.310	ng/ul	96
24) Benzo(b)fluoranthene	23.287	252	39577m	0.439	ng/ul	
25) Benzo(k)fluoranthene	23.334	252	13030m	0.149	ng/ul	
26) Benzo(a)pyrene	23.951	252	21531	0.297	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	26.680	276	17320	0.186	ng/ul#	1
29) Benzo(g,h,i)perylene	27.515	276	19089	0.242	ng/ul#	55

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

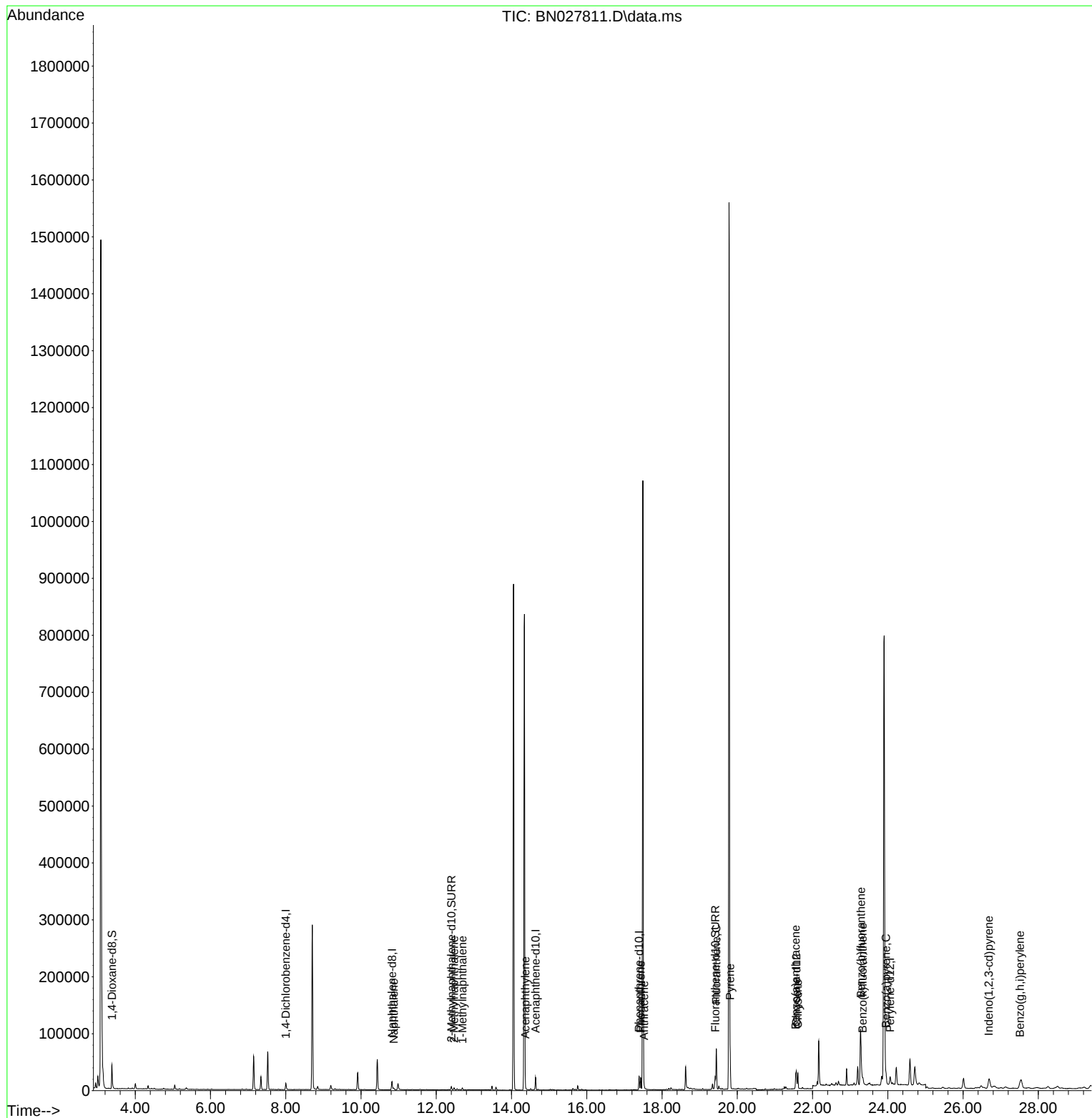
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027811.D
Acq On : 22 Sep 2023 06:21
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ALS Vial : 29 Sample Multiplier: 1

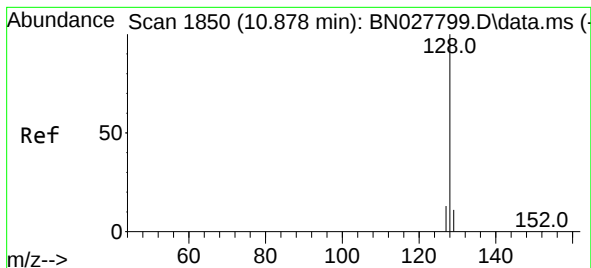
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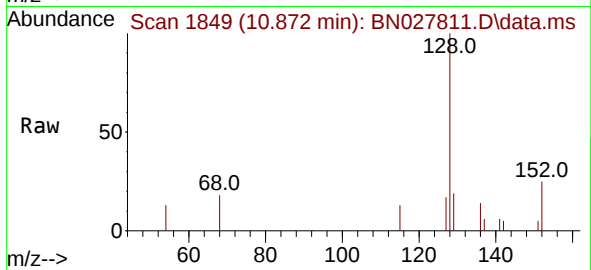
Quant Time: Sep 22 07:06:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21

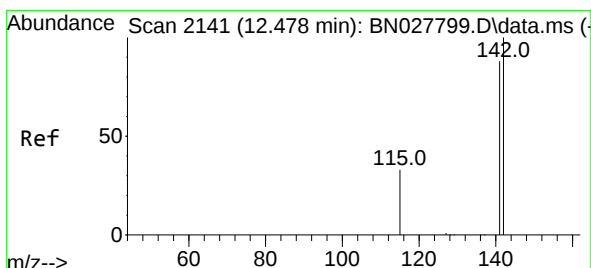
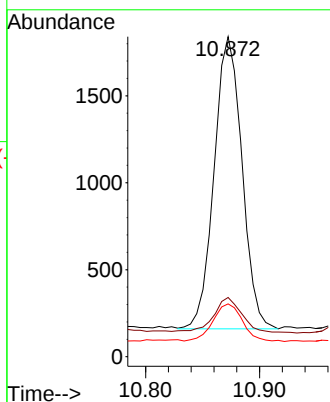
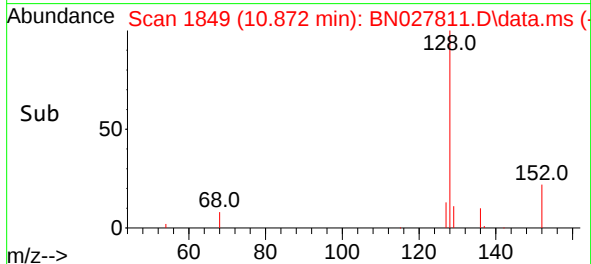
Instrument :
BNA_N
ClientSampleId :
COAN1



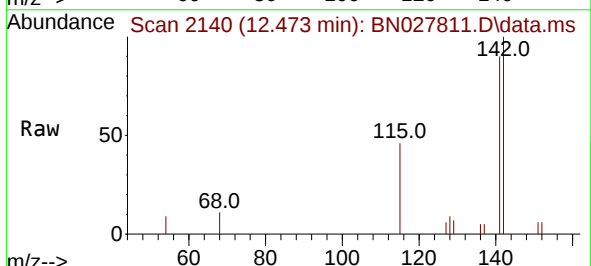
Tgt Ion:128 Resp: 2854
Ion Ratio Lower Upper
128 100
129 18.5 9.3 13.9
127 16.5 10.7 16.1

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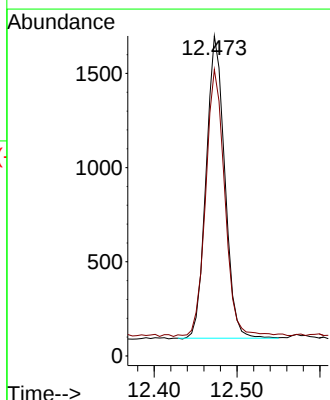
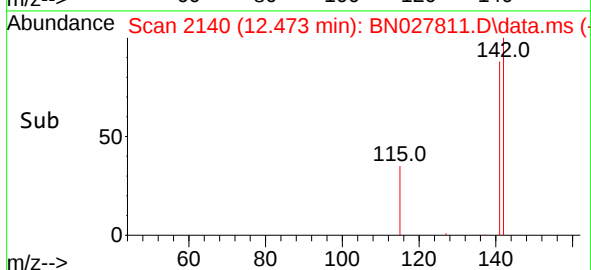
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

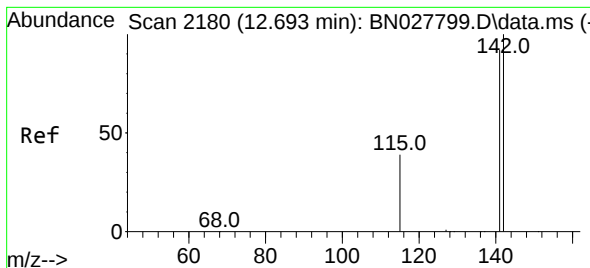


#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21



Tgt Ion:142 Resp: 2506
Ion Ratio Lower Upper
142 100
141 90.5 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.058 ng/ul

RT: 12.693 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BN027811.D

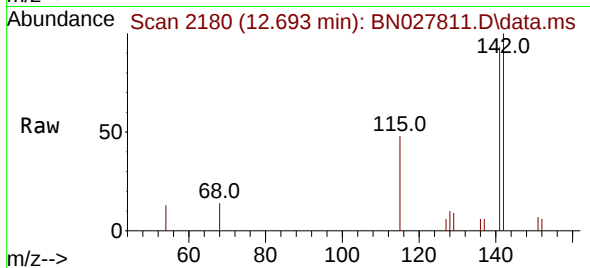
Acq: 22 Sep 2023 06:21

Instrument :

BNA_N

ClientSampleId :

COAN1



Tgt Ion:142 Resp: 2158

Ion Ratio Lower Upper

142 100

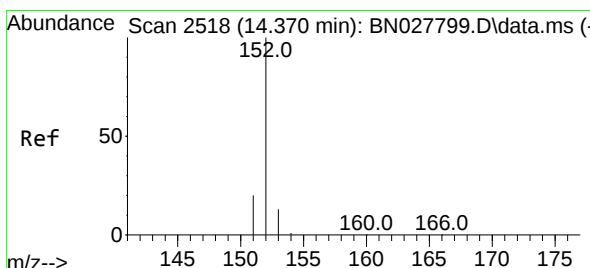
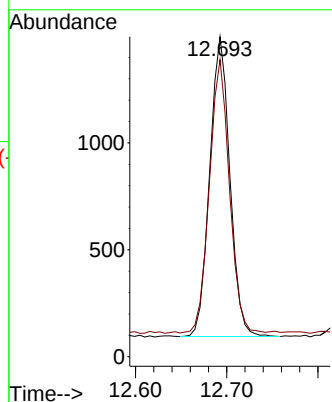
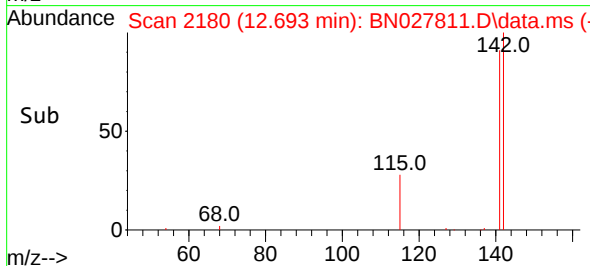
141 90.3 72.8 109.2

Manual Integrations

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#10

Acenaphthylene

Concen: 0.049 ng/ul

RT: 14.370 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BN027811.D

Acq: 22 Sep 2023 06:21

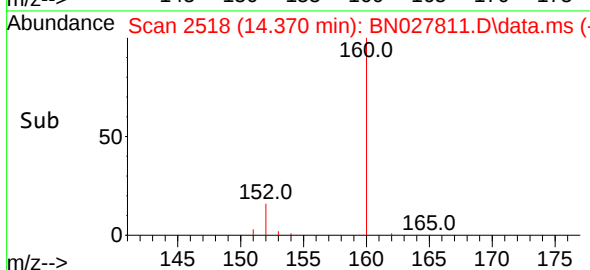
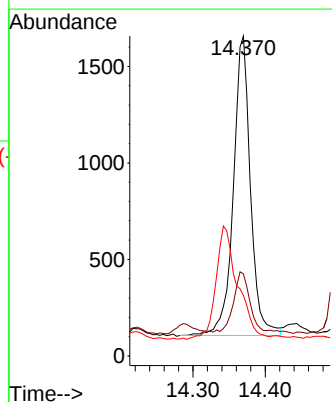
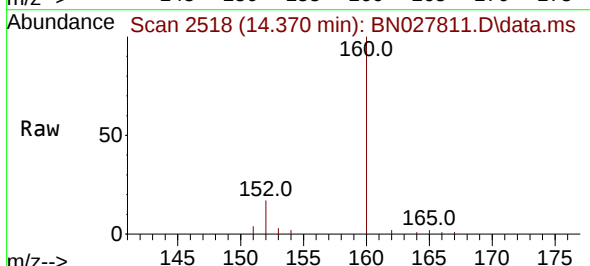
Tgt Ion:152 Resp: 2555

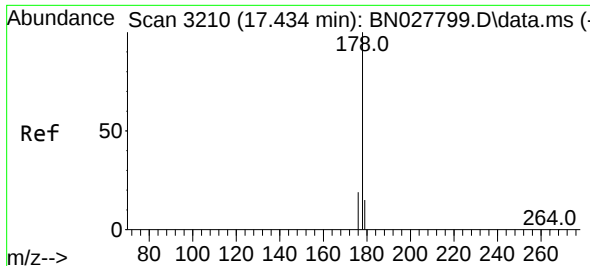
Ion Ratio Lower Upper

152 100

151 25.6 16.6 25.0#

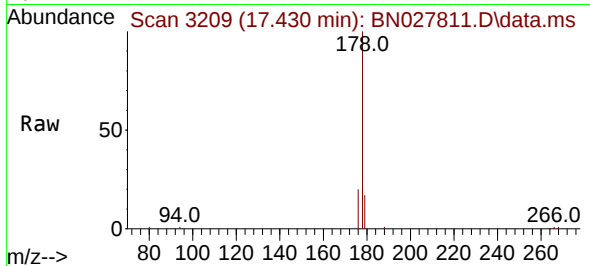
153 18.9 11.0 16.6#





#15
Phenanthrene
Concen: 0.260 ng/ul
RT: 17.430 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21

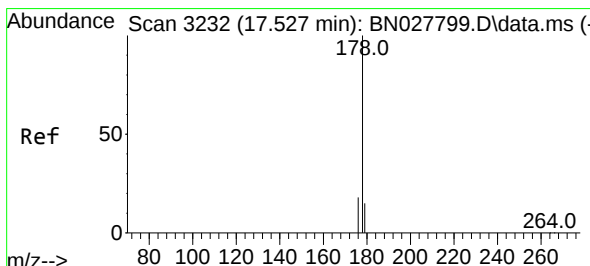
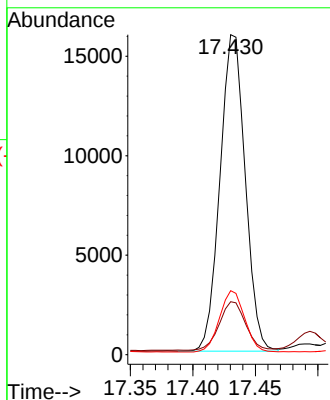
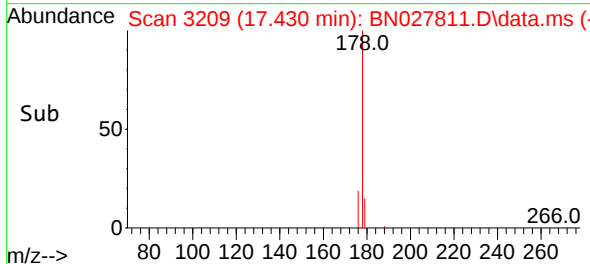
Instrument :
BNA_N
ClientSampleId :
COAN1



Tgt Ion:178 Resp: 22354
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 20.0 16.0 24.0

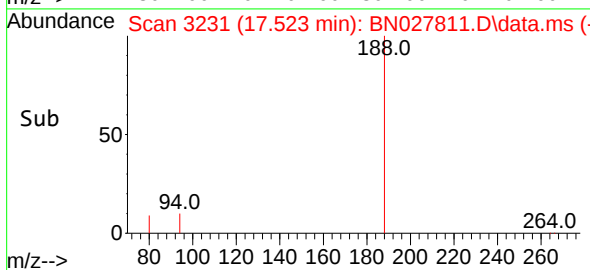
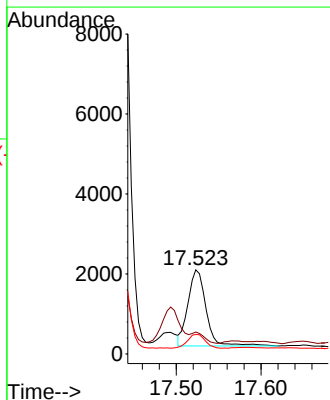
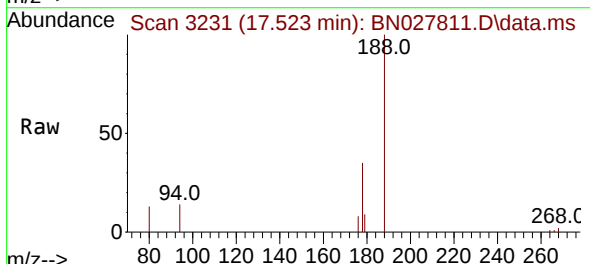
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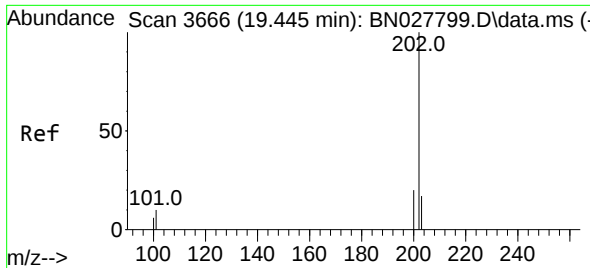
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.039 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21

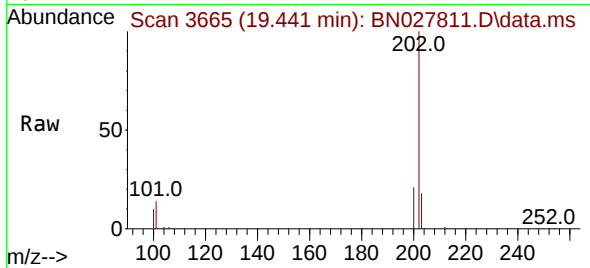
Tgt Ion:178 Resp: 2827
Ion Ratio Lower Upper
178 100
179 26.1 12.6 19.0#
176 23.2 15.5 23.3





#19
Fluoranthene
Concen: 0.643 ng/ul
RT: 19.441 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21

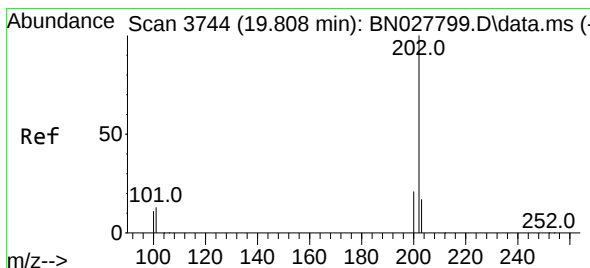
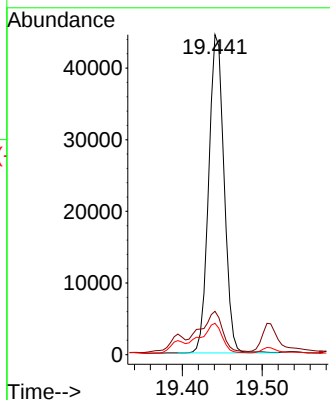
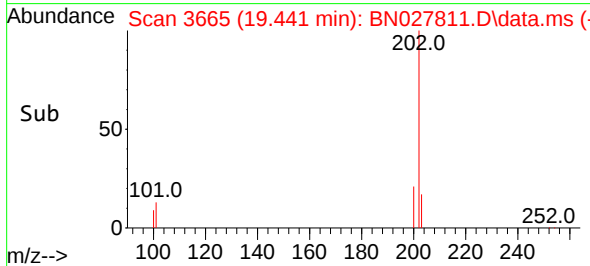
Instrument :
BNA_N
ClientSampleId :
COAN1



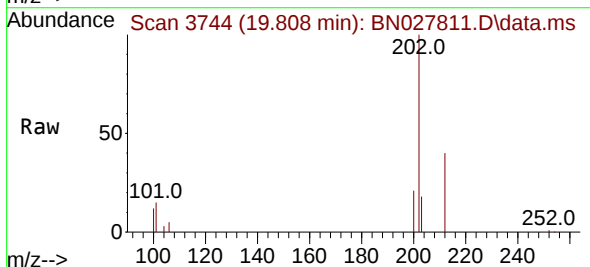
Tgt Ion:202 Resp: 59300
Ion Ratio Lower Upper
202 100
101 13.6 9.3 13.9
100 9.8 7.0 10.4

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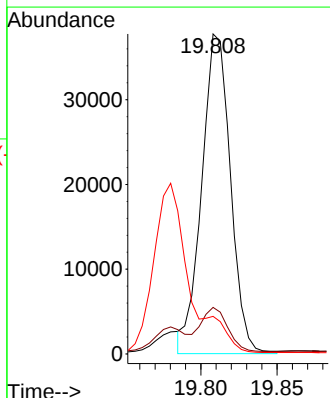
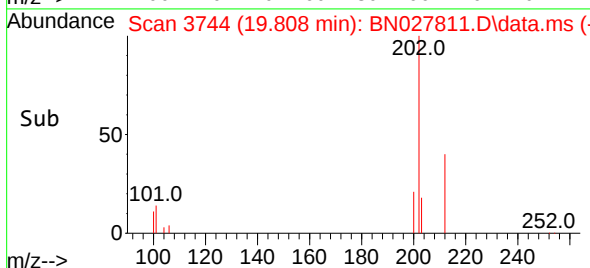
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

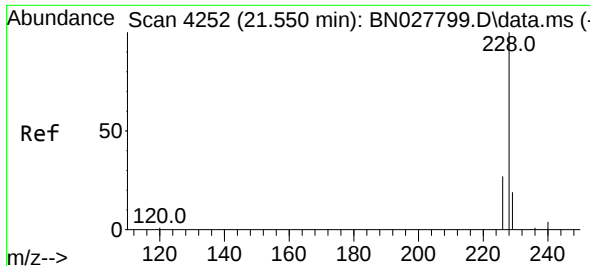


#20
Pyrene
Concen: 0.521 ng/ul m
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21



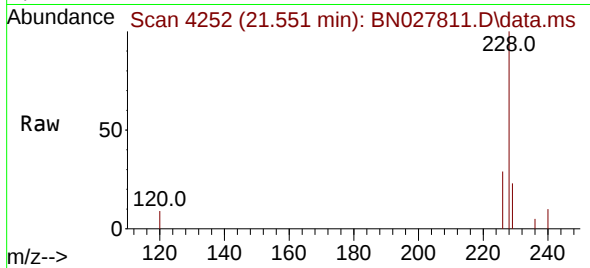
Tgt Ion:202 Resp: 49474
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 11.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.254 ng/ul
RT: 21.551 min Scan# 4252
Delta R.T. -0.003 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21

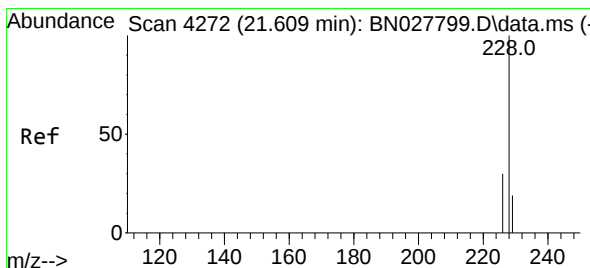
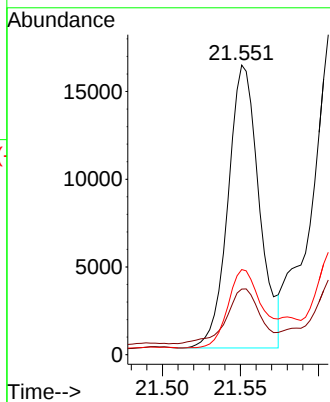
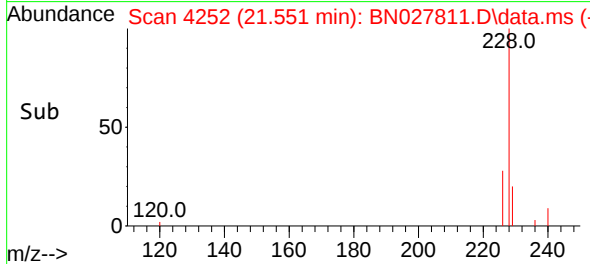
Instrument :
BNA_N
ClientSampleId :
COAN1



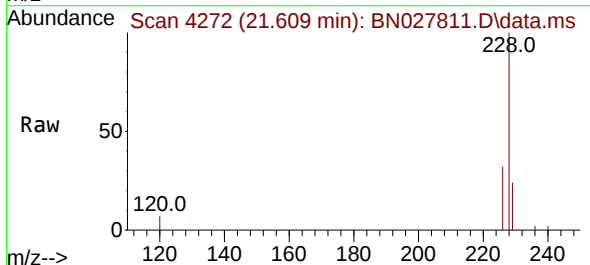
Tgt Ion:228 Resp: 2237
Ion Ratio Lower Upper
228 100
229 22.7 15.8 23.8
226 29.4 22.0 33.0

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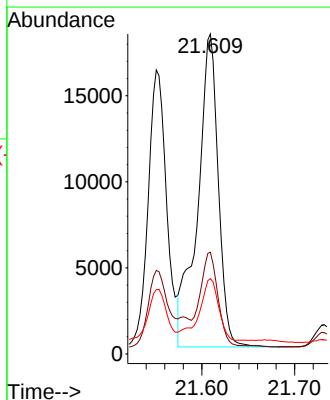
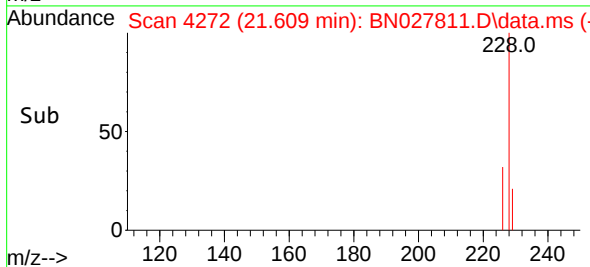
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

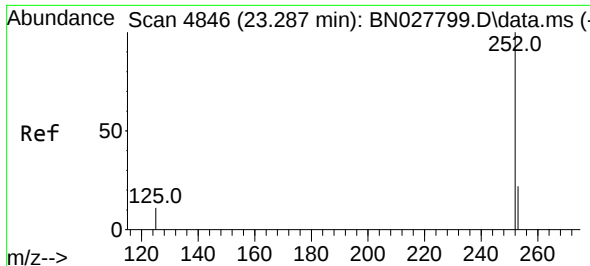


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Chrysene
Concen: 0.310 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21



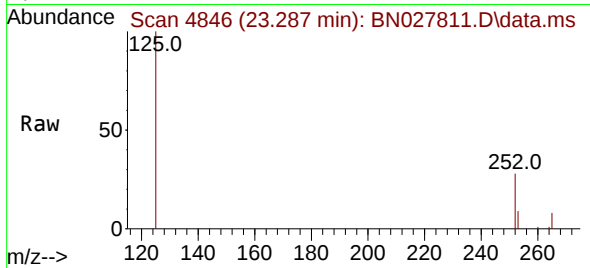
Tgt Ion:228 Resp: 28226
Ion Ratio Lower Upper
228 100
226 31.8 24.5 36.7
229 23.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.439 ng/ul m
RT: 23.287 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21

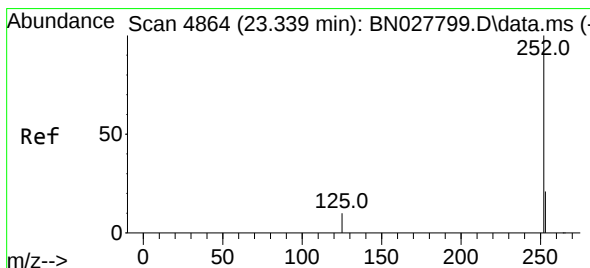
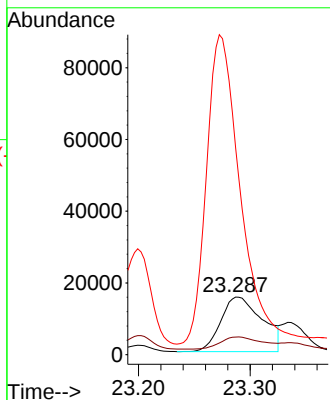
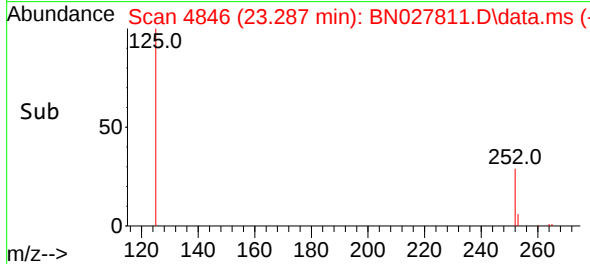
Instrument :
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COAN1



Tgt Ion:252 Resp: 3957
Ion Ratio Lower Upper
252 100
253 30.5 0.0 50.2
125 358.6 0.0 31.4

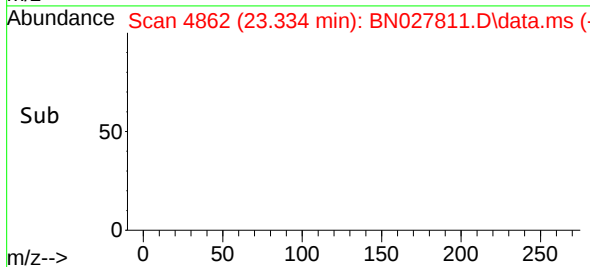
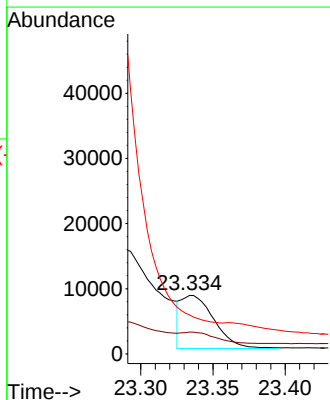
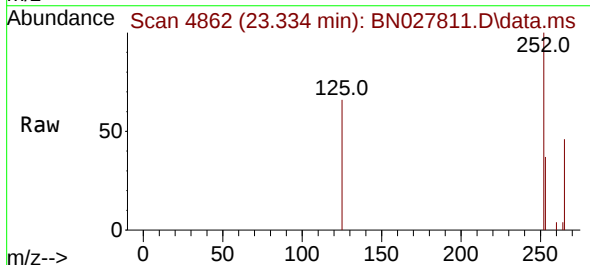
Manual Integrations
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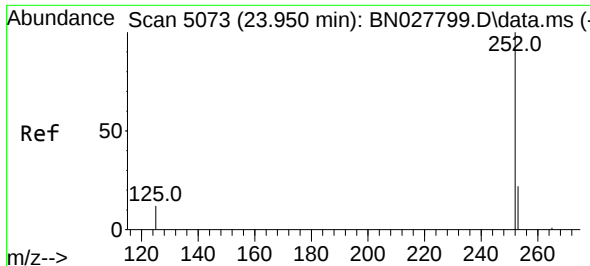
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.149 ng/ul m
RT: 23.334 min Scan# 4862
Delta R.T. -0.009 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21

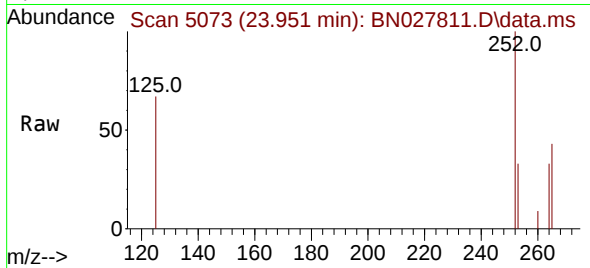
Tgt Ion:252 Resp: 13030
Ion Ratio Lower Upper
252 100
253 37.3 19.9 29.9#
125 66.5 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.951 min Scan# 5073
Delta R.T. 0.000 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21

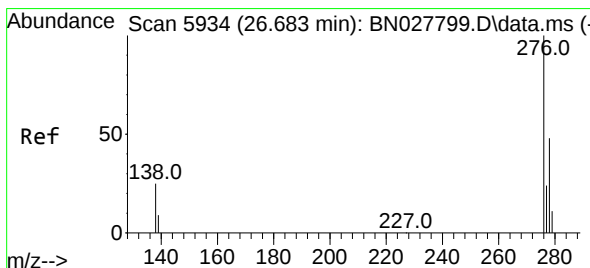
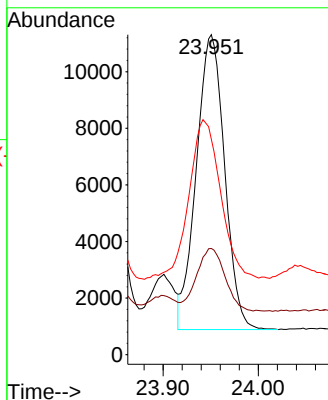
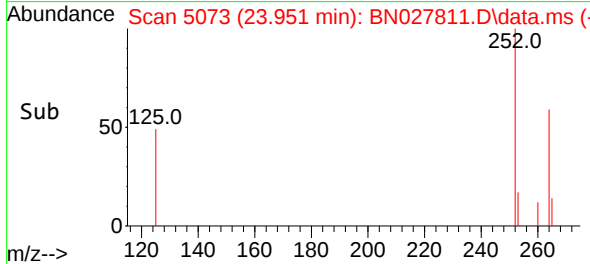
Instrument :
BNA_N
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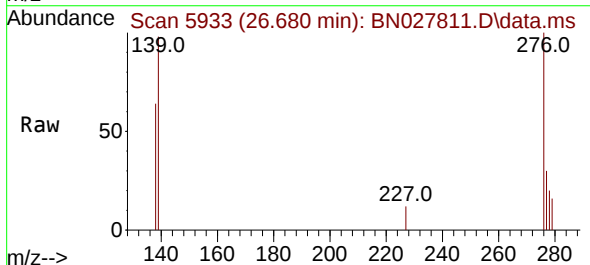
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Ion Ratio Lower Upper
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253 33.2 21.9 32.9
125 67.3 15.5 23.3

Manual Integrations
APPROVED

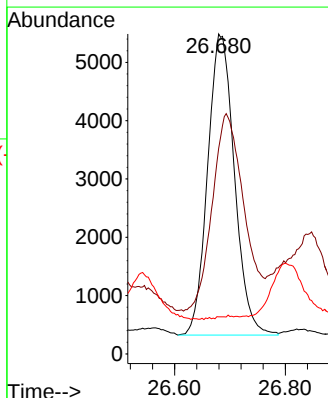
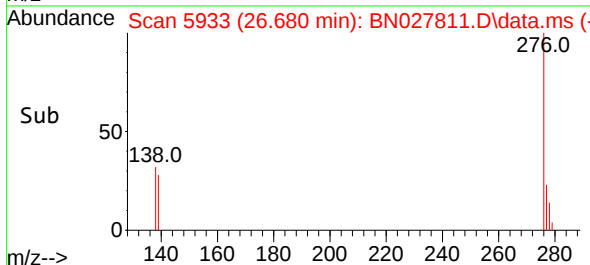
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

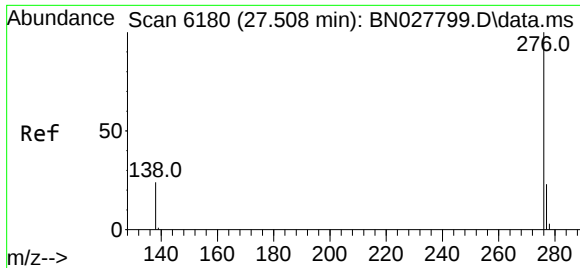


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng/ul
RT: 26.680 min Scan# 5933
Delta R.T. -0.003 min
Lab File: BN027811.D
Acq: 22 Sep 2023 06:21



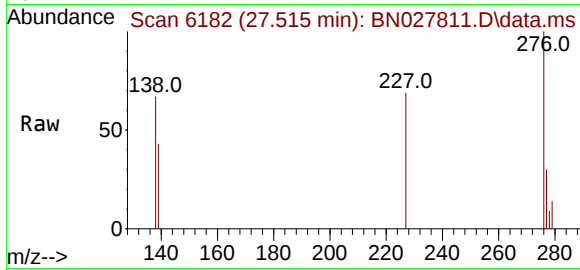
Tgt Ion:276 Resp: 17320
Ion Ratio Lower Upper
276 100
138 112.2 24.3 36.5
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.242 ng/ul
 RT: 27.515 min Scan# 6182
 Delta R.T. 0.010 min
 Lab File: BN027811.D
 Acq: 22 Sep 2023 06:21

Instrument :
 BNA_N
 ClientSampleId :
 COAN1



Tgt Ion: 276 Resp: 19089

Ion	Ratio	Lower	Upper
276	100		
138	66.9	21.7	32.5
277	30.3	20.2	30.2

Manual Integrations
 APPROVED

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