

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027843.D
 Acq On : 23 Sep 2023 03:04
 Operator : MA/JU
 Sample : 04387-15
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COANO

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 04:13:26 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	5639	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19413	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11687	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	26295	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	22071	0.400	ng/ul	0.00
23) Perylene-d12	24.067	264	18950	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	10262	1.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	6815	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	17146	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	1651	0.030	ng/ul#	81
7) 2-Methylnaphthalene	12.473	142	1354	0.038	ng/ul	99
8) 1-Methylnaphthalene	12.692	142	1231	0.034	ng/ul	100
10) Acenaphthylene	14.370	152	2925	0.057	ng/ul#	89
15) Phenanthrene	17.434	178	25828	0.313	ng/ul	99
16) Anthracene	17.527	178	3394	0.049	ng/ul#	90
19) Fluoranthene	19.441	202	72099	0.808	ng/ul	99
20) Pyrene	19.808	202	62548	0.680	ng/ul	99
21) Benzo(a)anthracene	21.551	228	26229	0.307	ng/ul	98
22) Chrysene	21.609	228	34049	0.386	ng/ul	97
24) Benzo(b)fluoranthene	23.290	252	46659m	0.552	ng/ul	
25) Benzo(k)fluoranthene	23.337	252	17281m	0.211	ng/ul	
26) Benzo(a)pyrene	23.951	252	26283	0.387	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.690	276	21024	0.242	ng/ul#	86
29) Benzo(g,h,i)perylene	27.515	276	21733	0.294	ng/ul#	74

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

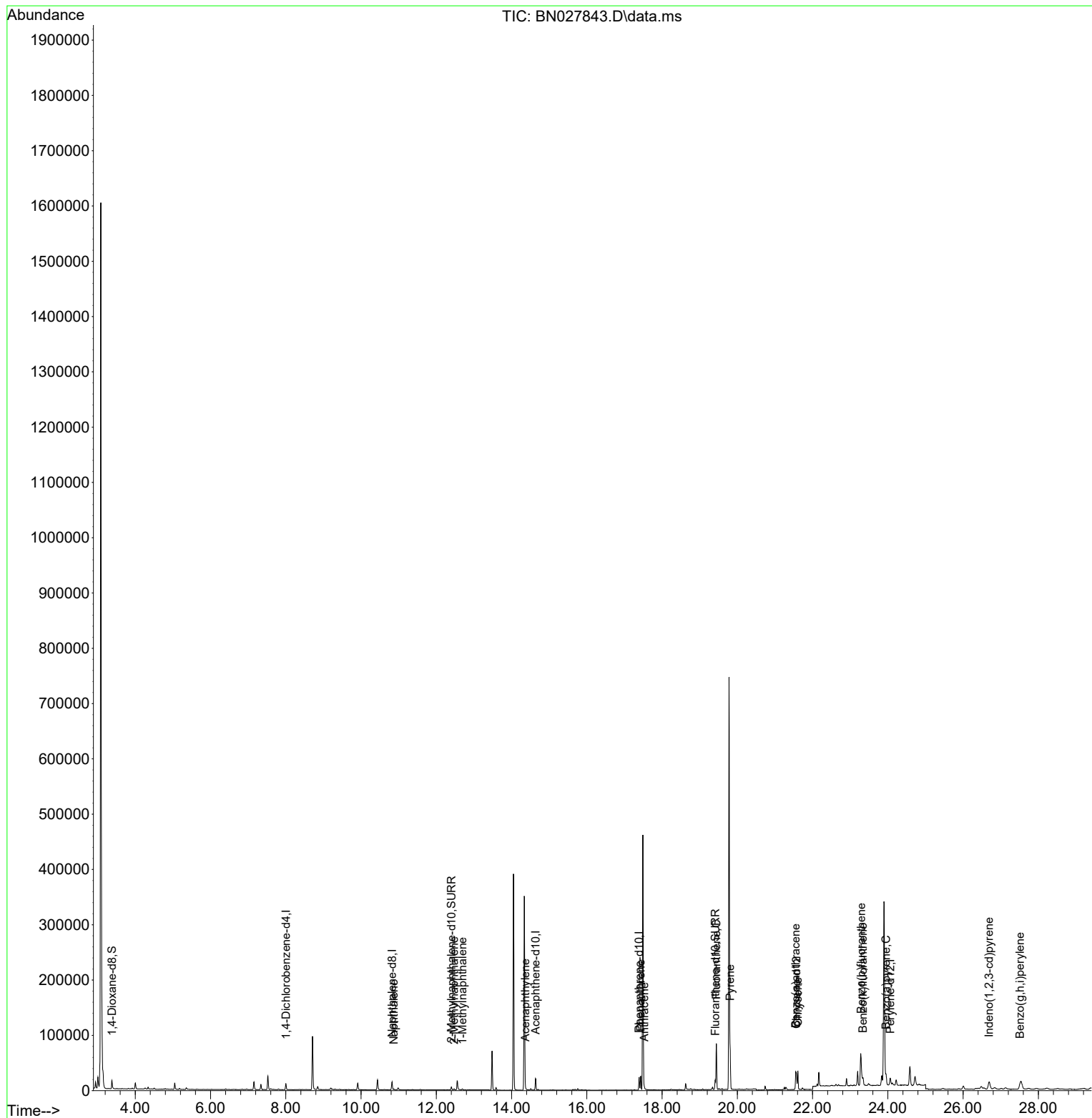
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027843.D
Acq On : 23 Sep 2023 03:04
Operator : MA/JU
Sample : 04387-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

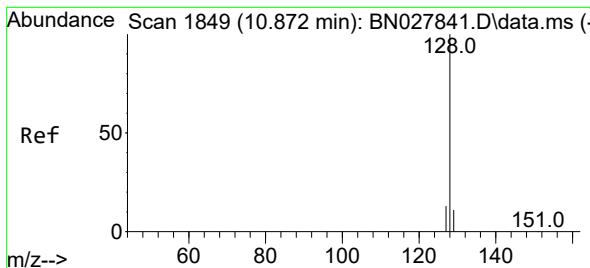
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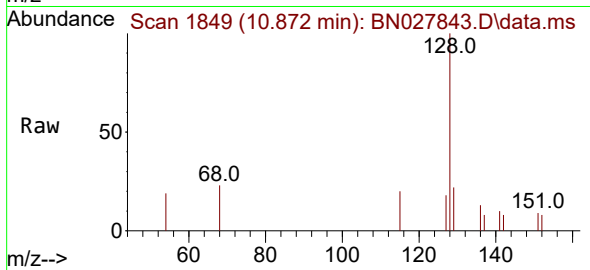
Quant Time: Sep 23 04:13:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

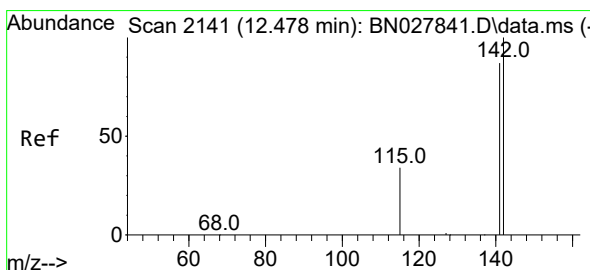
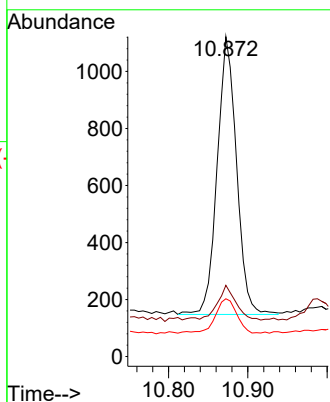
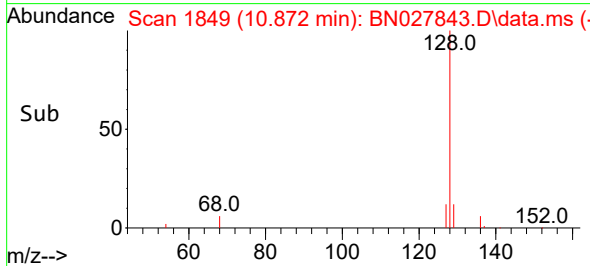
Instrument :
BNA_N
ClientSampleId :
COANO



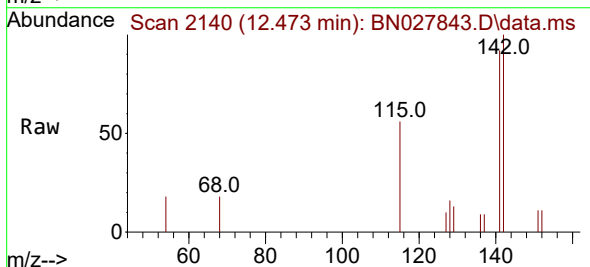
Tgt Ion:128 Resp: 165
Ion Ratio Lower Upper
128 100
129 22.3 9.3 13.9
127 18.1 10.7 16.1

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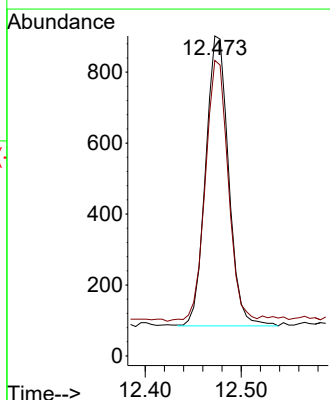
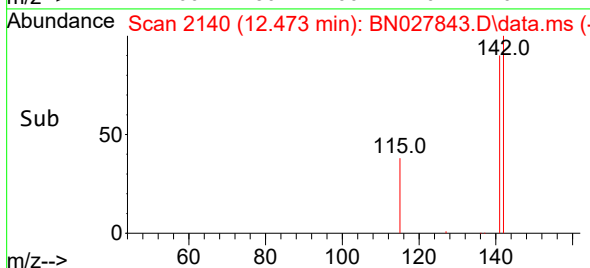
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

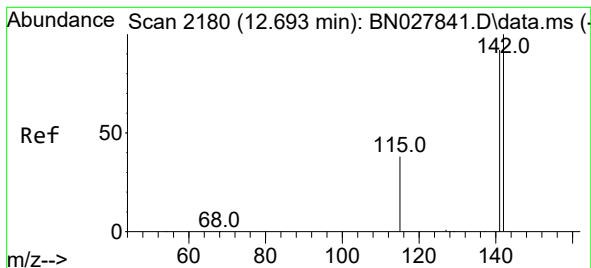


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04



Tgt Ion:142 Resp: 1354
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.692 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BN027843.D

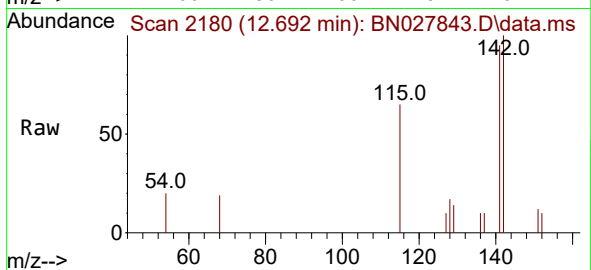
Acq: 23 Sep 2023 03:04

Instrument :

BNA_N

ClientSampleId :

COANO



Tgt Ion:142 Resp: 123

Ion Ratio Lower Upper

142 100

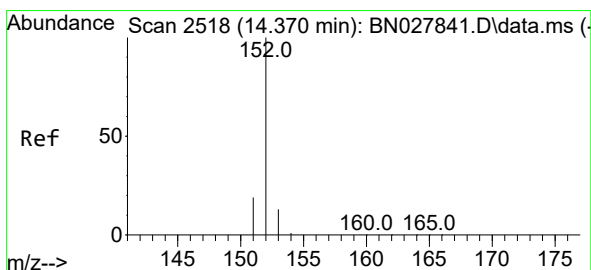
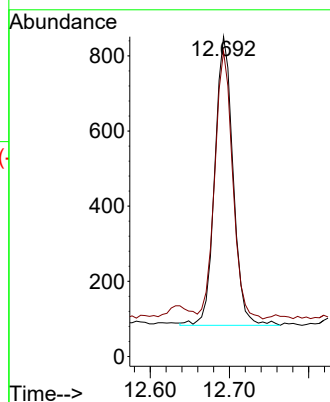
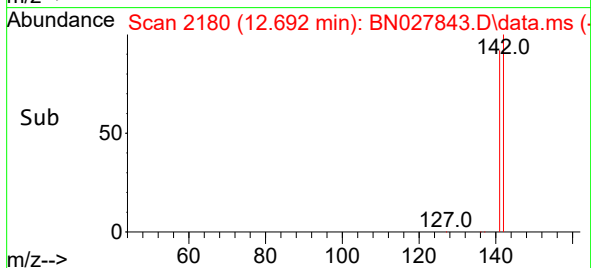
141 90.7 72.8 109.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#10

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.370 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BN027843.D

Acq: 23 Sep 2023 03:04

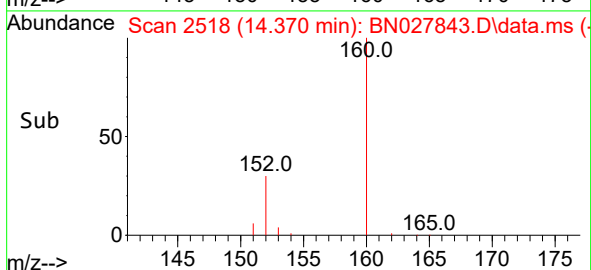
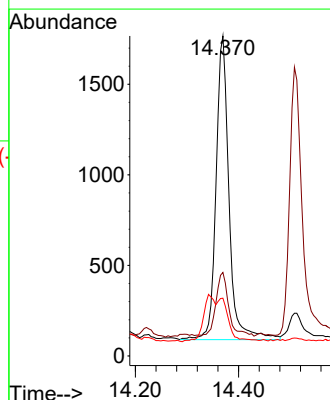
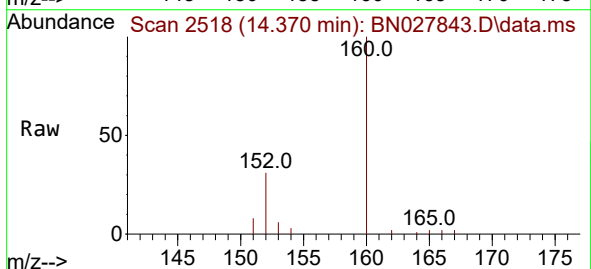
Tgt Ion:152 Resp: 2925

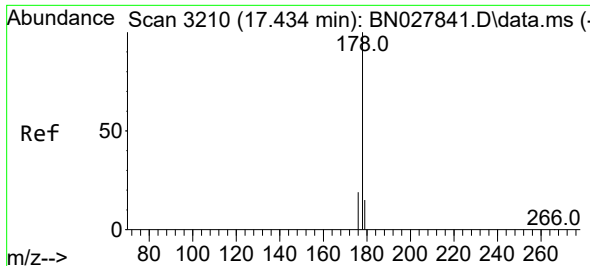
Ion Ratio Lower Upper

152 100

151 26.1 16.6 25.0#

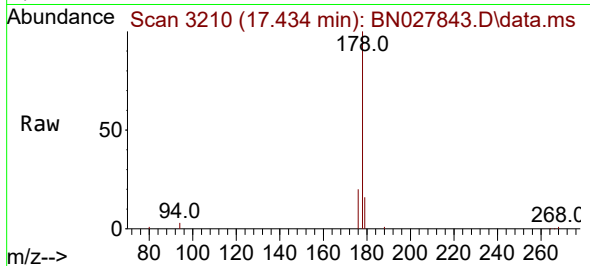
153 18.1 11.0 16.6#





#15
Phenanthrene
Concen: 0.313 ng/u1
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

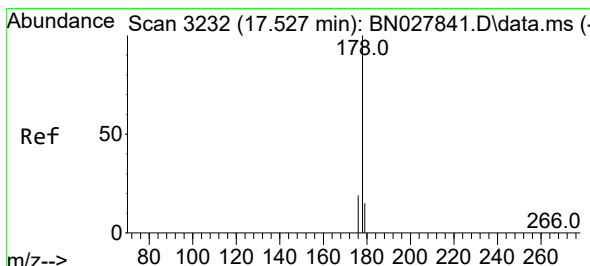
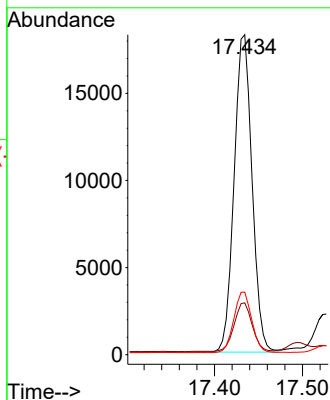
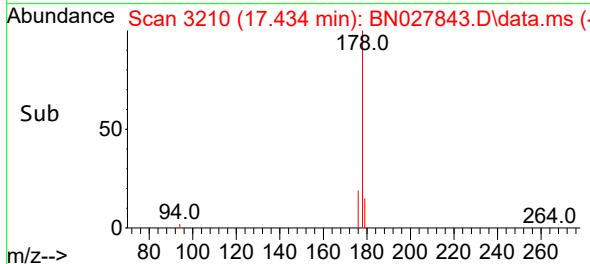
Instrument :
BNA_N
ClientSampleId :
COANO



Tgt Ion:178 Resp: 25828
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.6 16.0 24.0

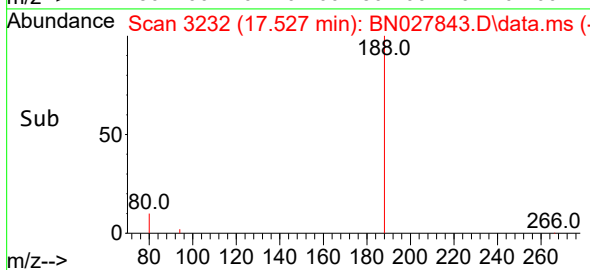
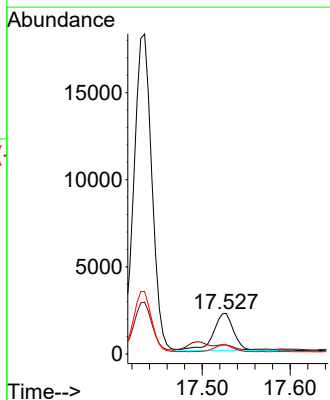
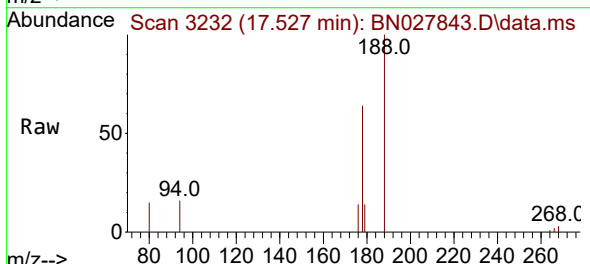
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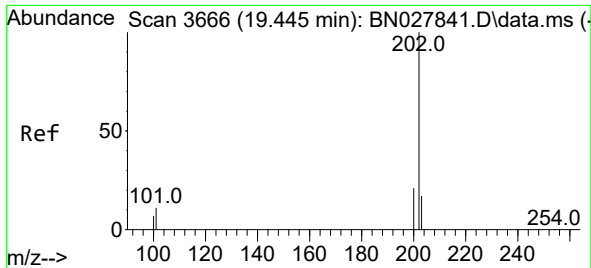
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.049 ng/u1
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

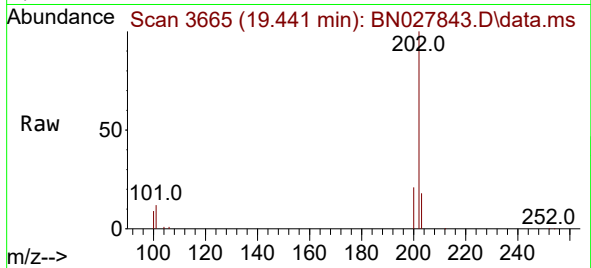
Tgt Ion:178 Resp: 3394
Ion Ratio Lower Upper
178 100
179 22.2 12.6 19.0#
176 21.9 15.5 23.3





#19
Fluoranthene
Concen: 0.808 ng/u1
RT: 19.441 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

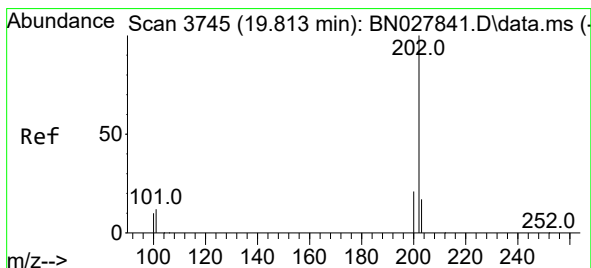
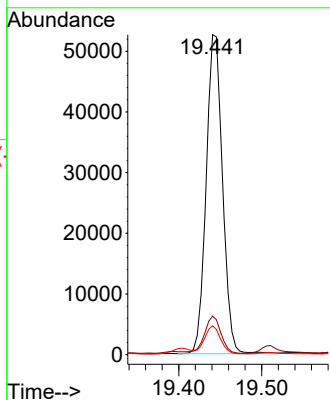
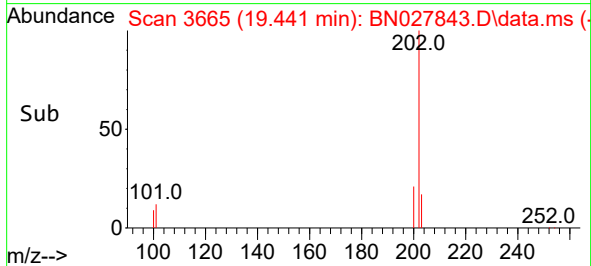
Instrument :
BNA_N
ClientSampleId :
COANO



Tgt Ion:202 Resp: 72099
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.1 7.0 10.4

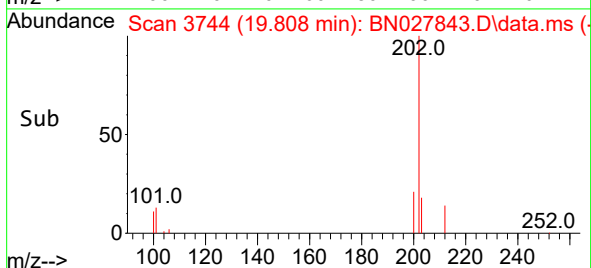
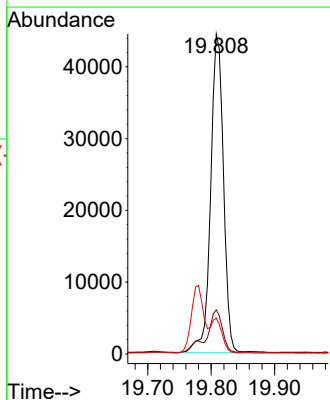
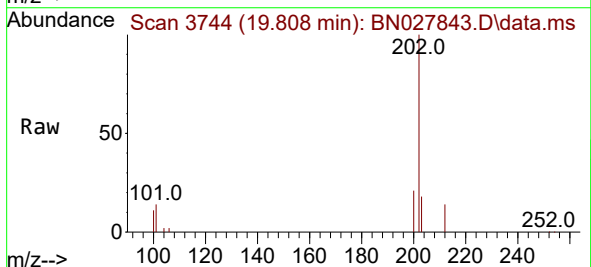
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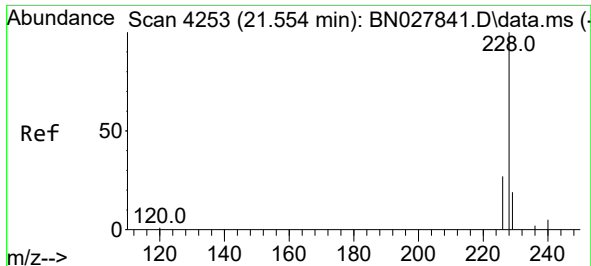
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 0.680 ng/u1
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

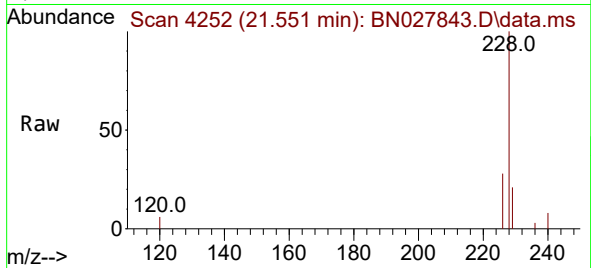
Tgt Ion:202 Resp: 62548
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.307 ng/ul
RT: 21.551 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

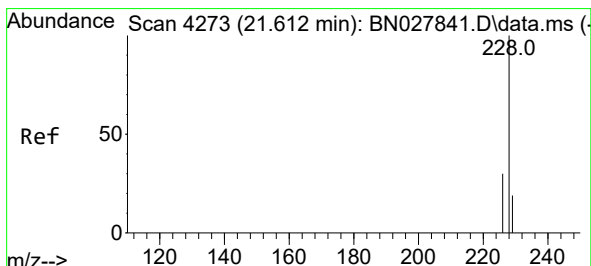
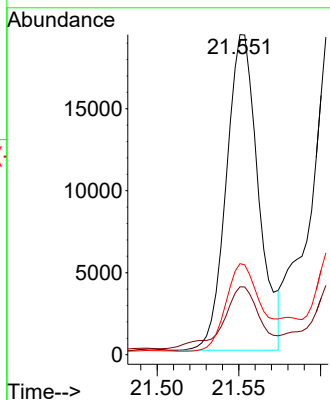
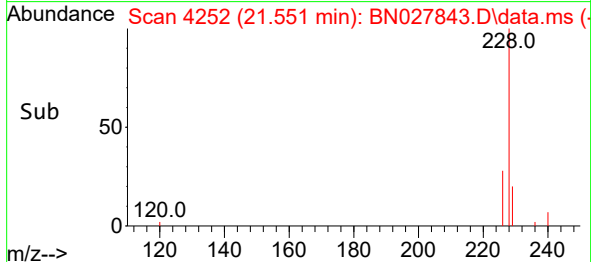
Instrument :
BNA_N
ClientSampleId :
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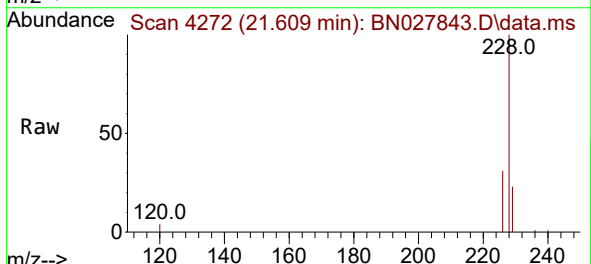
Tgt Ion:228 Resp: 26229
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.8
226 28.4 22.0 33.0

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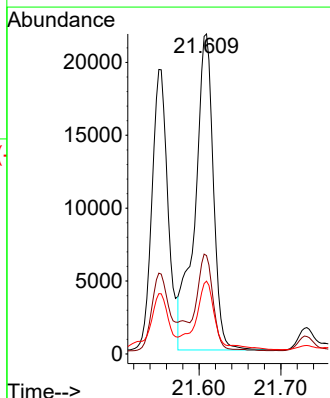
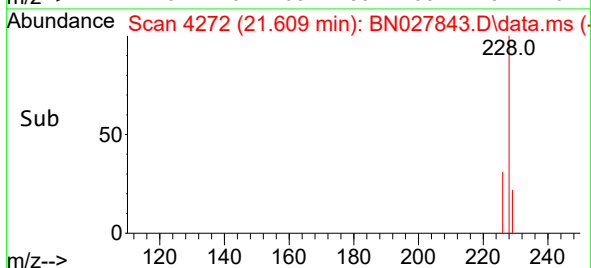
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

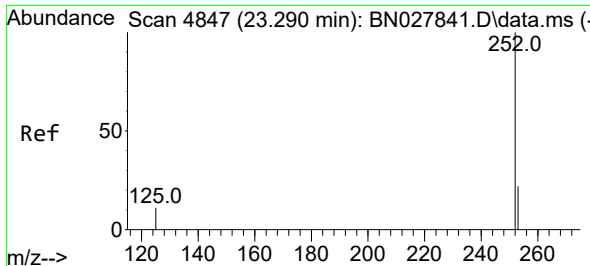


#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04



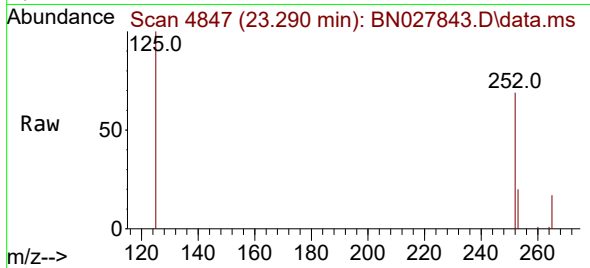
Tgt Ion:228 Resp: 34049
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 22.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.552 ng/ul m
RT: 23.290 min Scan# 4847
Delta R.T. 0.000 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

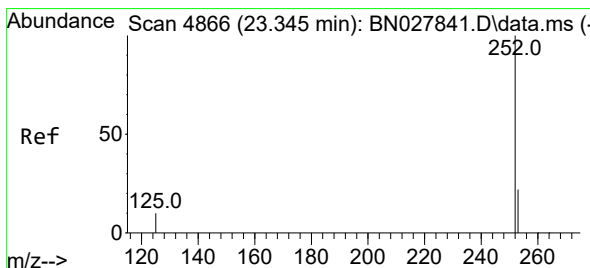
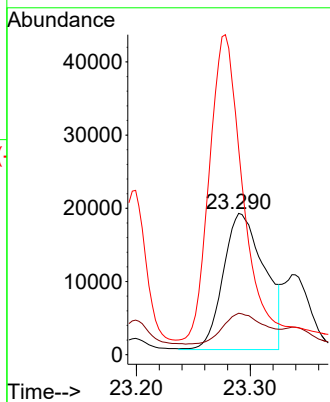
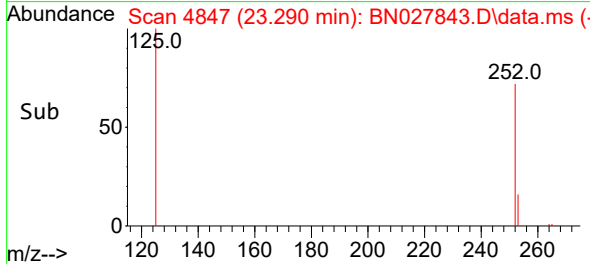
Instrument :
BNA_N
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COANO



Tgt Ion:252 Resp: 46659
Ion Ratio Lower Upper
252 100
253 29.3 0.0 50.2
125 145.9 0.0 31.4

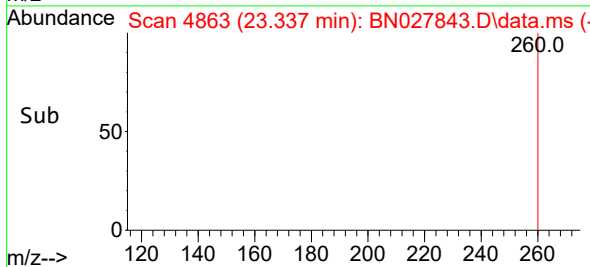
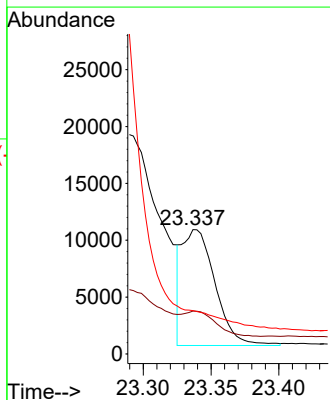
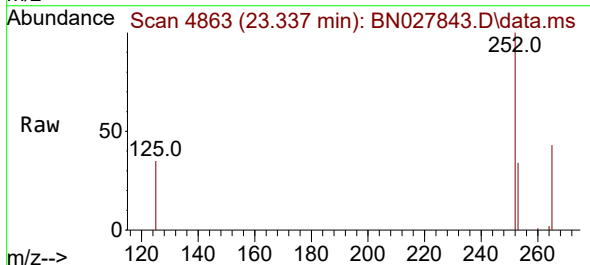
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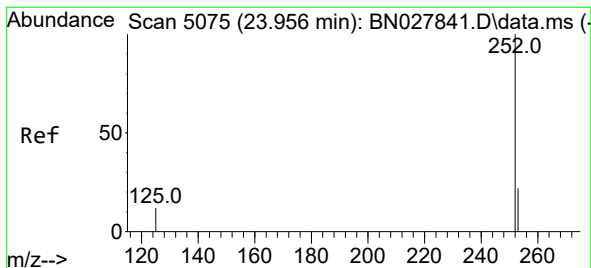
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.211 ng/ul m
RT: 23.337 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

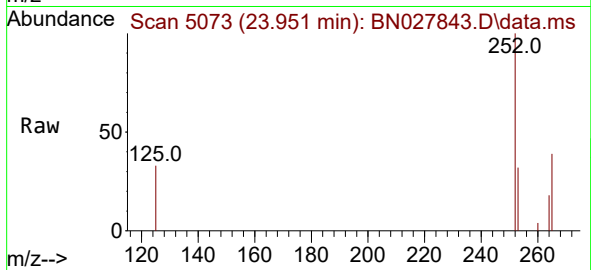
Tgt Ion:252 Resp: 17281
Ion Ratio Lower Upper
252 100
253 34.5 19.9 29.9#
125 34.9 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.951 min Scan# 5075
Delta R.T. 0.000 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

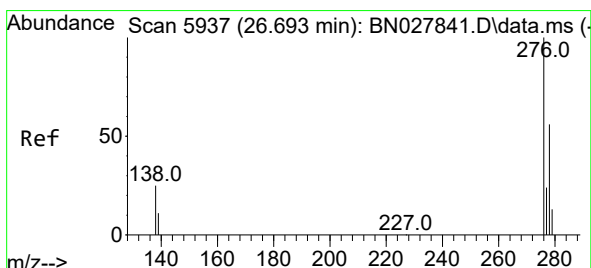
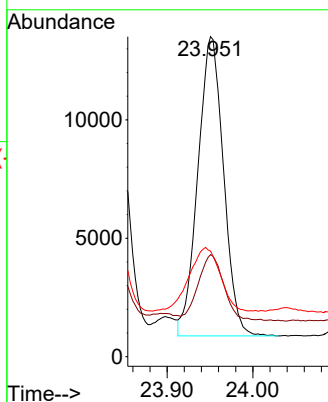
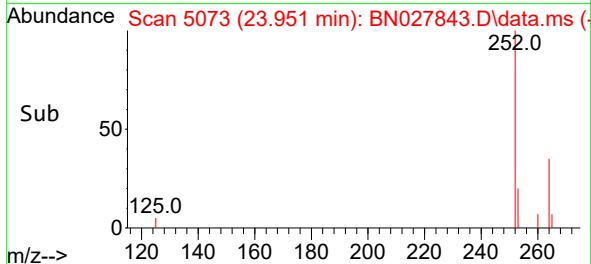
Instrument :
BNA_N
ClientSampleId :
COANO



Tgt Ion:252 Resp: 26283
Ion Ratio Lower Upper
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253 31.9 21.9 32.9
125 33.0 15.5 23.3

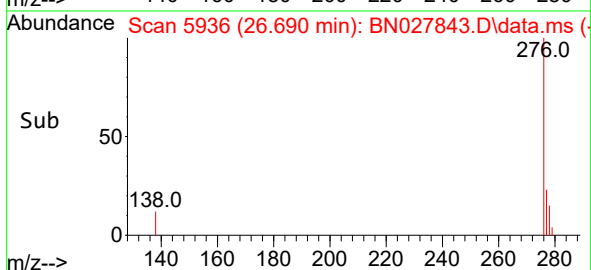
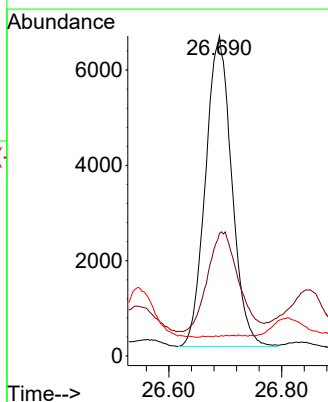
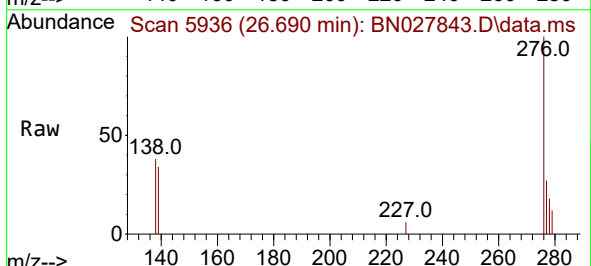
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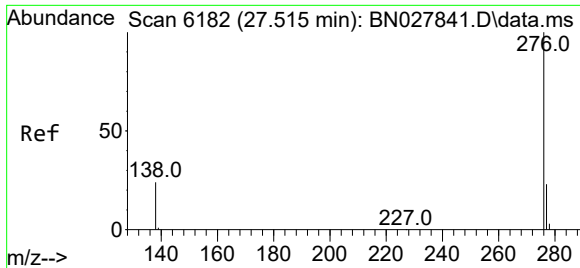
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng/ul
RT: 26.690 min Scan# 5936
Delta R.T. 0.007 min
Lab File: BN027843.D
Acq: 23 Sep 2023 03:04

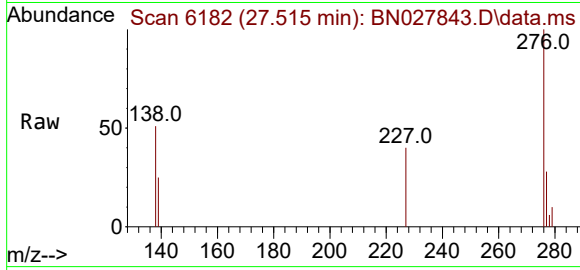
Tgt Ion:276 Resp: 21024
Ion Ratio Lower Upper
276 100
138 37.8 24.3 36.5#
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.294 ng/ul
 RT: 27.515 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: BN027843.D
 Acq: 23 Sep 2023 03:04

Instrument :
 BNA_N
 ClientSampleId :
 COANO



Tgt Ion: 276 Resp: 2173

Ion	Ratio	Lower	Upper
276	100		
138	50.7	21.7	32.5
277	27.9	20.2	30.2

Manual Integrations
 APPROVED

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

