

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027813.D
 Acq On : 22 Sep 2023 07:33
 Operator : MA/JU
 Sample : 04332-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 08:02:27 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	5832	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19587	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11794	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	27193	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	21847	0.400	ng/ul	# 0.00
23) Perylene-d12	24.064	264	19260	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	16210	2.207	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4230	0.143	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	10513	0.158	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	3194	0.057	ng/ul#	90
7) 2-Methylnaphthalene	12.472	142	2797	0.079	ng/ul	100
8) 1-Methylnaphthalene	12.692	142	2416	0.066	ng/ul	99
10) Acenaphthylene	14.365	152	1968	0.038	ng/ul#	78
15) Phenanthrene	17.430	178	18077	0.212	ng/ul	98
16) Anthracene	17.523	178	2144	0.030	ng/ul#	80
19) Fluoranthene	19.441	202	46670	0.528	ng/ul	95
20) Pyrene	19.808	202	38195m	0.420	ng/ul	
21) Benzo(a)anthracene	21.551	228	17193	0.203	ng/ul#	93
22) Chrysene	21.609	228	23061	0.264	ng/ul#	93
24) Benzo(b)fluoranthene	23.290	252	33055m	0.385	ng/ul	
25) Benzo(k)fluoranthene	23.339	252	10961m	0.132	ng/ul	
26) Benzo(a)pyrene	23.950	252	16294	0.236	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	26.686	276	14678	0.166	ng/ul#	16
29) Benzo(g,h,i)perylene	27.511	276	18494	0.246	ng/ul#	46

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

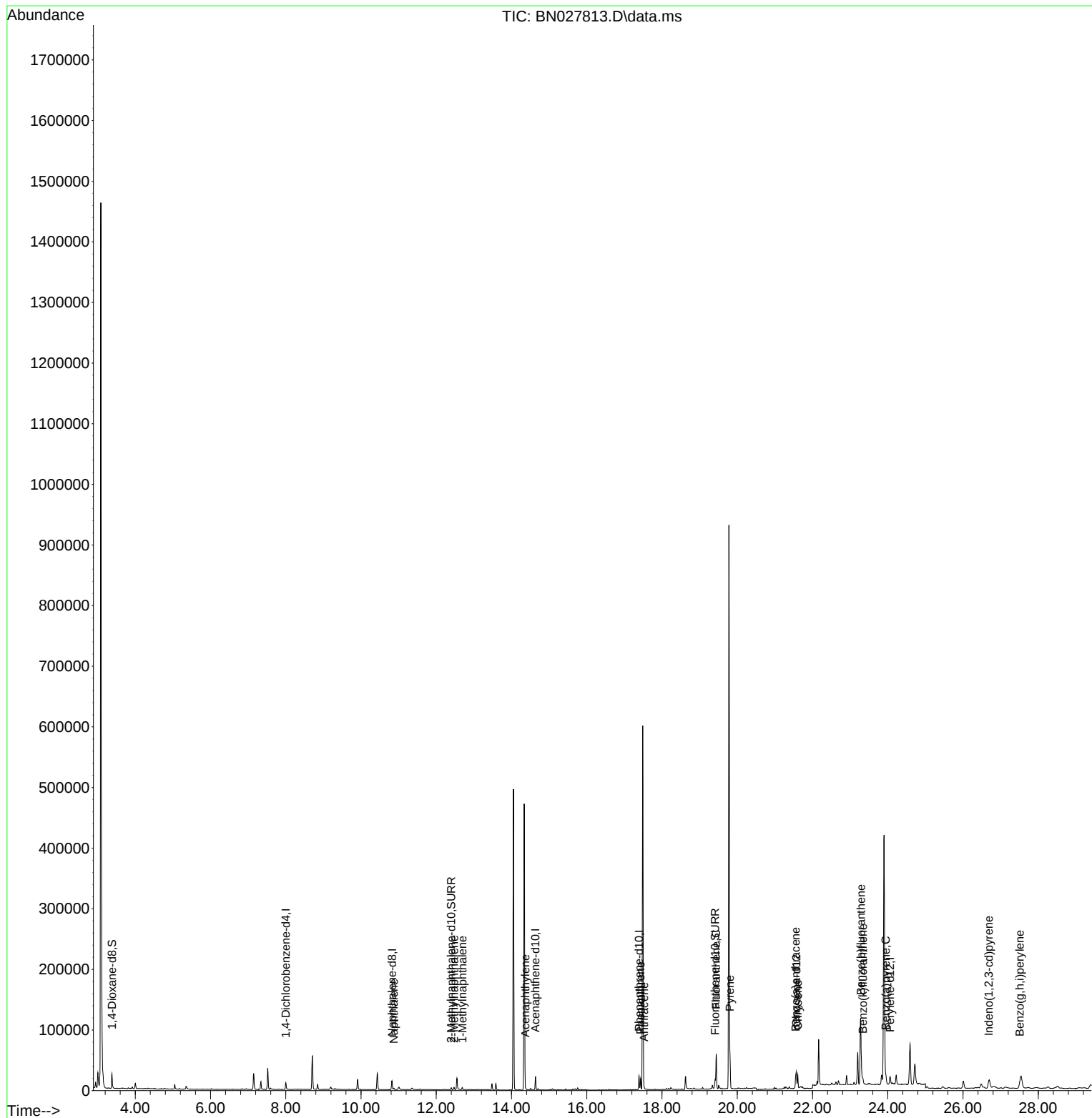
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027813.D
Acq On : 22 Sep 2023 07:33
Operator : MA/JU
Sample : 04332-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

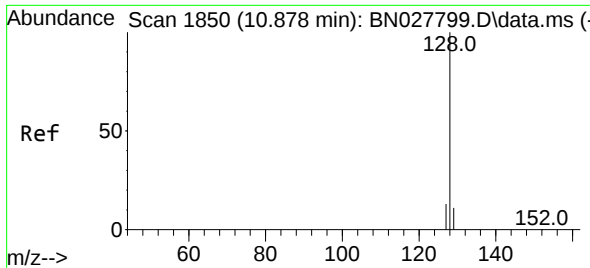
Instrument :
BNA_N
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

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

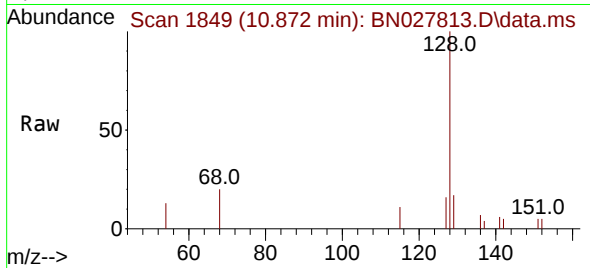
Quant Time: Sep 22 08:02:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

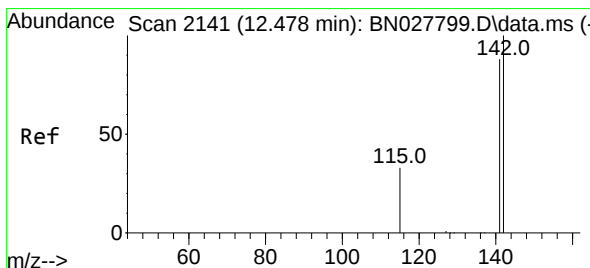
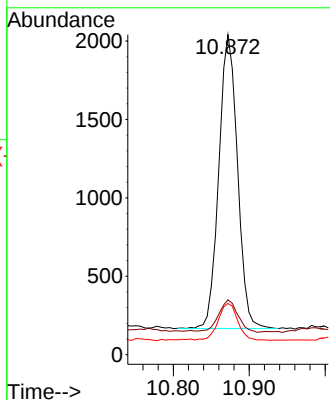
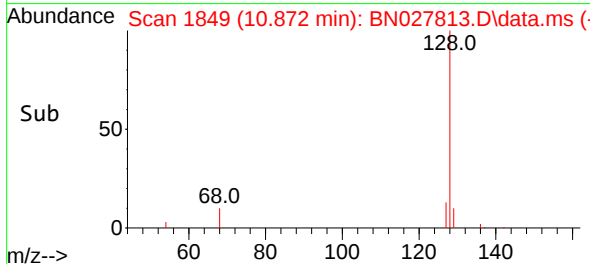
Instrument :
BNA_N
ClientSampleId :
C0AC8



Tgt Ion:128 Resp: 3194
Ion Ratio Lower Upper
128 100
129 17.1 9.3 13.9
127 16.0 10.7 16.1

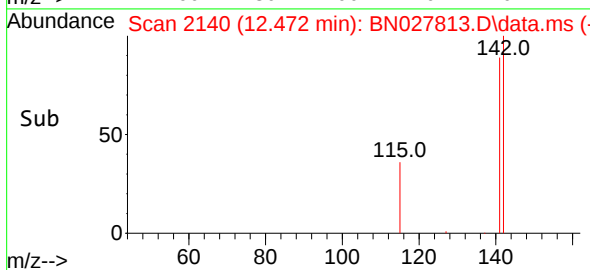
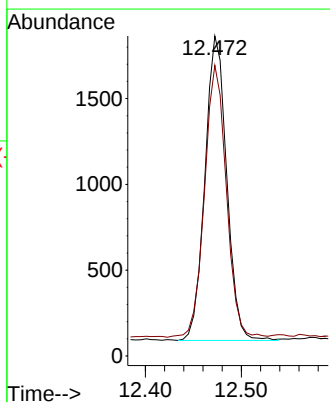
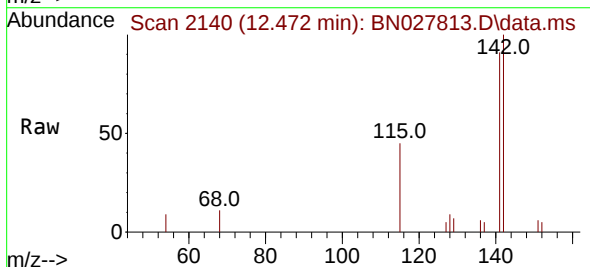
Manual Integrations
APPROVED

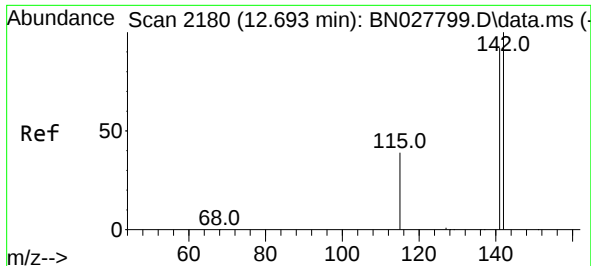
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.472 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

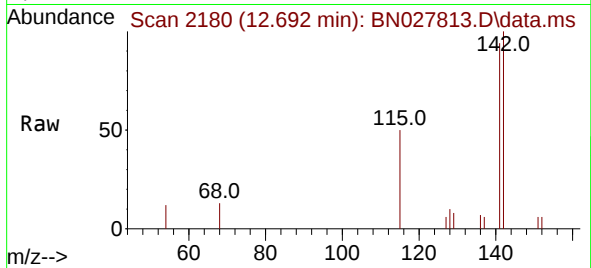
Tgt Ion:142 Resp: 2797
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.692 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

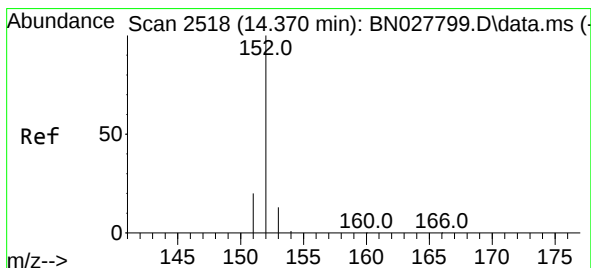
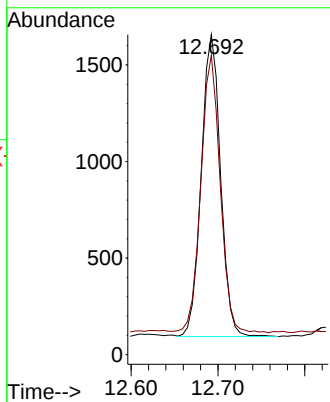
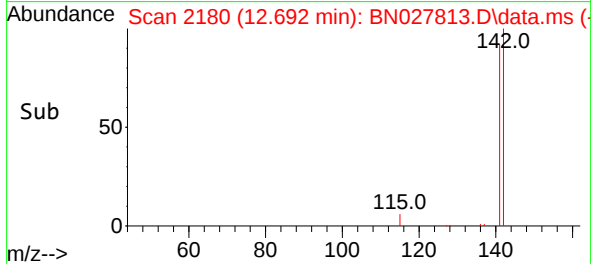
Instrument :
BNA_N
ClientSampleId :
C0AC8



Tgt Ion:142 Resp: 2410
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2

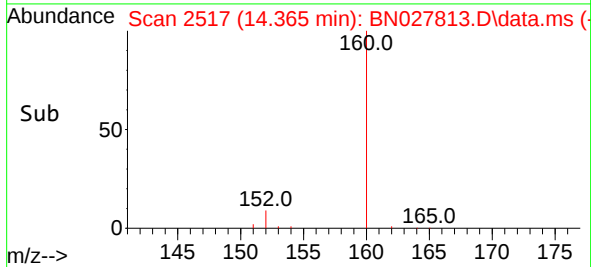
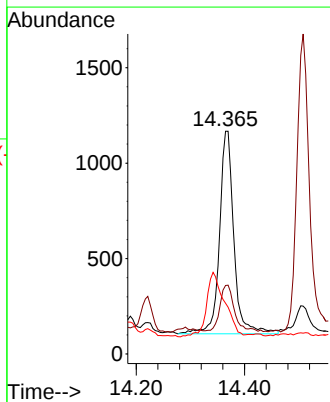
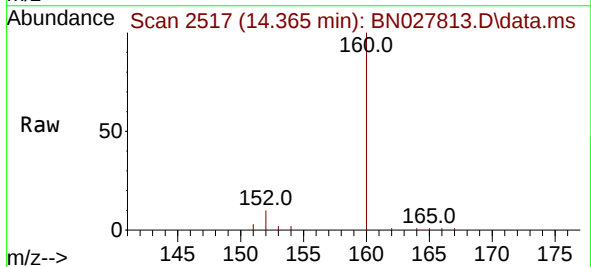
Manual Integrations
APPROVED

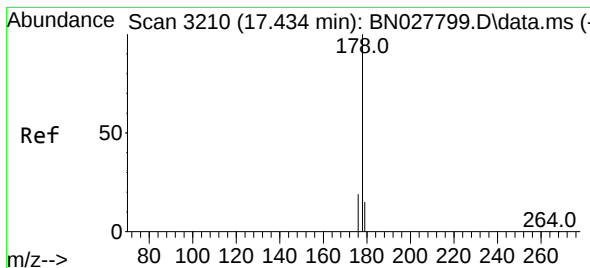
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.365 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

Tgt Ion:152 Resp: 1968
Ion Ratio Lower Upper
152 100
151 30.8 16.6 25.0#
153 22.8 11.0 16.6#





#15

Phenanthrene

Concen: 0.212 ng/ul

RT: 17.430 min Scan# 3210

Delta R.T. -0.004 min

Lab File: BN027813.D

Acq: 22 Sep 2023 07:33

Instrument :

BNA_N

ClientSampleId :

C0AC8

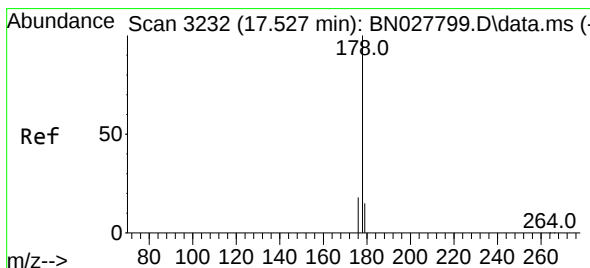
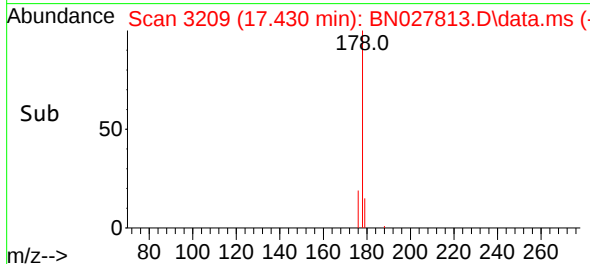
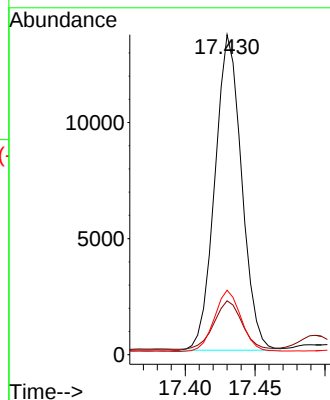
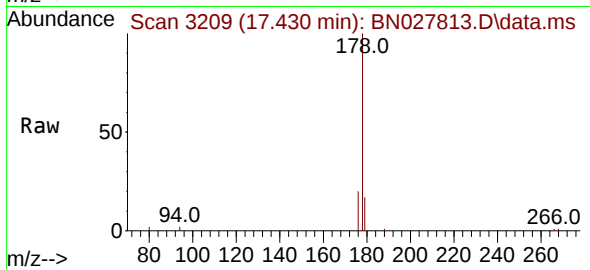
Tgt Ion:	178	Resp:	1807
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.4	18.6
176	20.1	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#16

Anthracene

Concen: 0.030 ng/ul

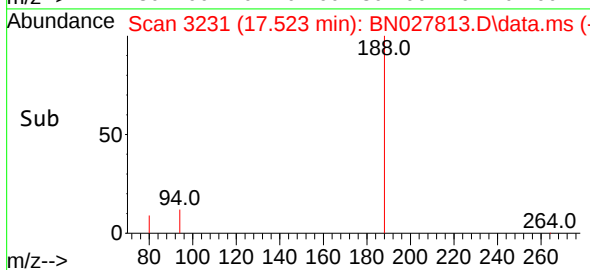
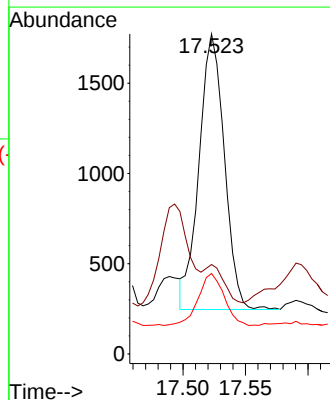
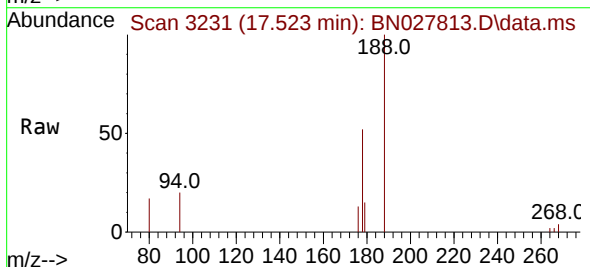
RT: 17.523 min Scan# 3231

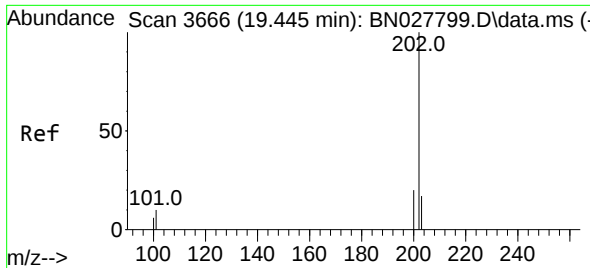
Delta R.T. -0.004 min

Lab File: BN027813.D

Acq: 22 Sep 2023 07:33

Tgt Ion:	178	Resp:	2144
Ion Ratio	Lower	Upper	
178	100		
179	28.0	12.6	19.0#
176	25.2	15.5	23.3#





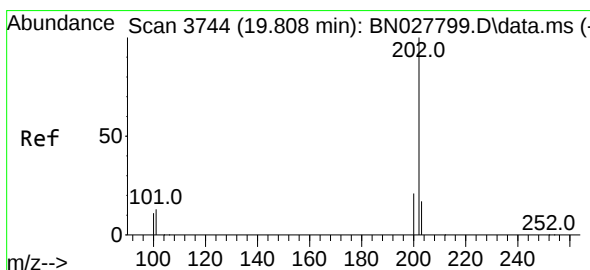
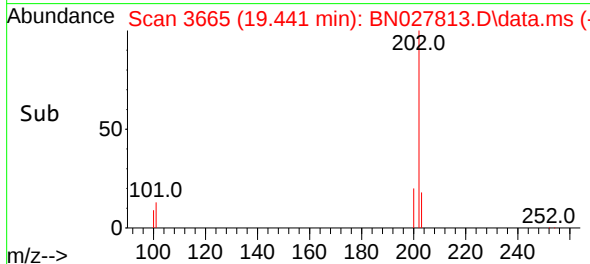
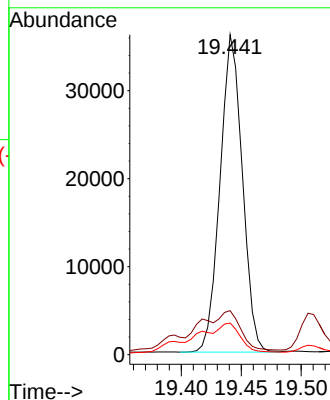
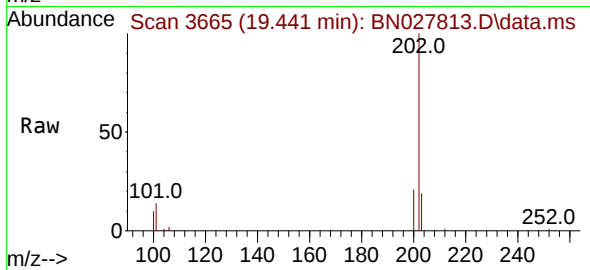
#19
Fluoranthene
Concen: 0.528 ng/ul
RT: 19.441 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

Instrument :
BNA_N
ClientSampleId :
C0AC8

Tgt Ion:202 Resp: 46670
Ion Ratio Lower Upper
202 100
101 13.7 9.3 13.9
100 9.9 7.0 10.4

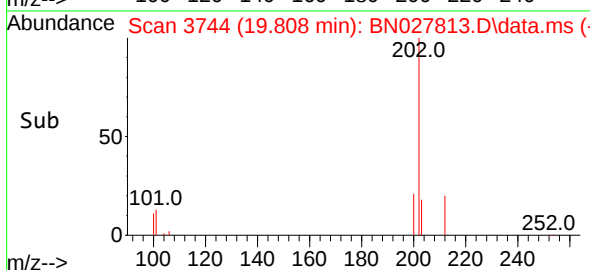
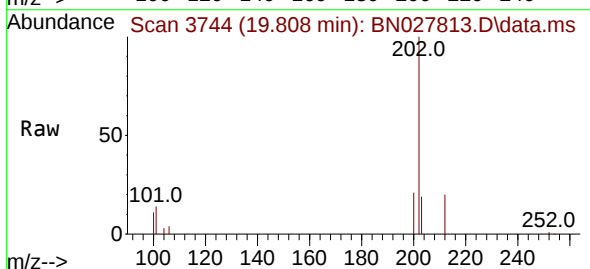
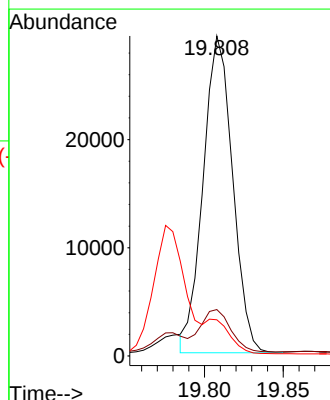
Manual Integrations
APPROVED

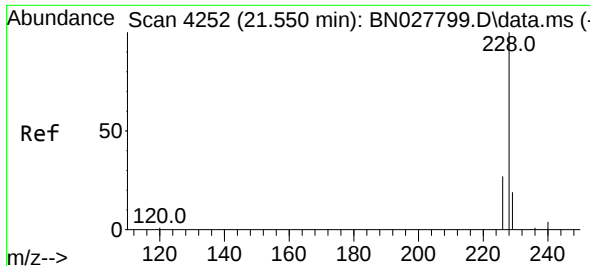
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 0.420 ng/ul m
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

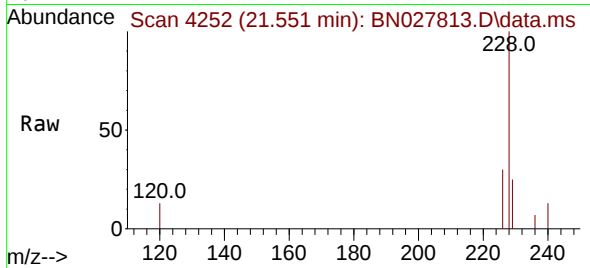
Tgt Ion:202 Resp: 38195
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.203 ng/u1
RT: 21.551 min Scan# 4252
Delta R.T. -0.003 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

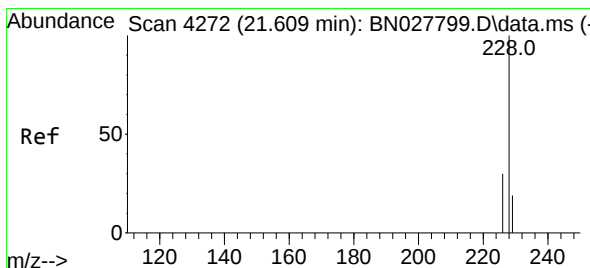
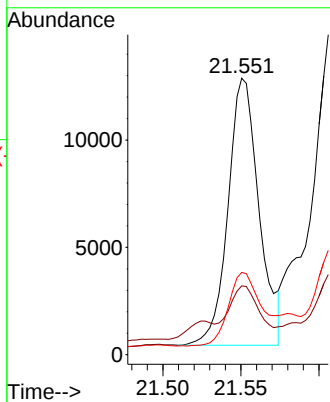
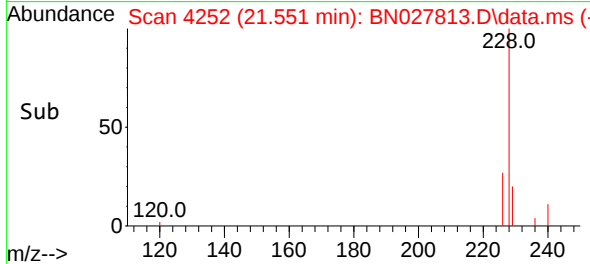
Instrument :
BNA_N
ClientSampleId :
C0AC8



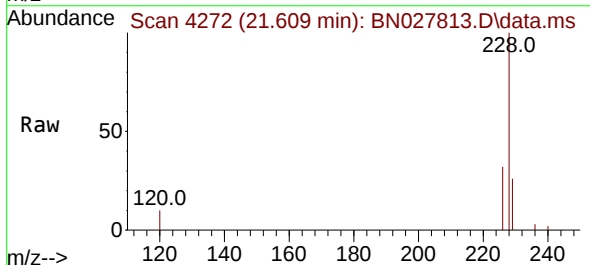
Tgt Ion:228 Resp: 17193
Ion Ratio Lower Upper
228 100
229 24.9 15.8 23.8
226 29.7 22.0 33.0

Manual Integrations
APPROVED

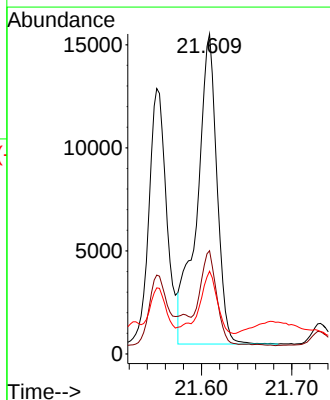
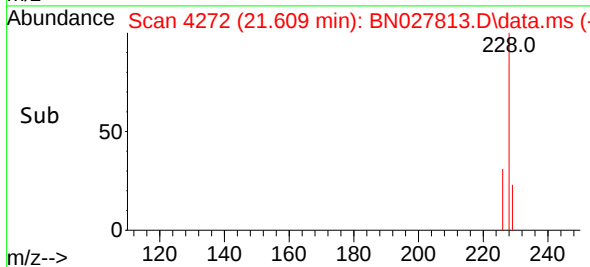
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

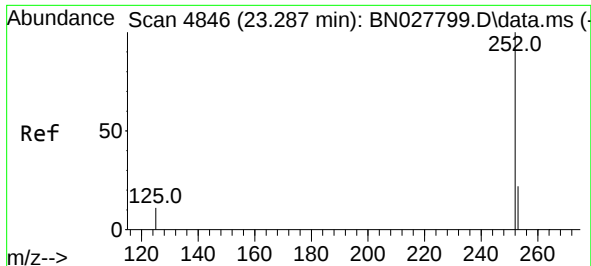


#22
Chrysene
Concen: 0.264 ng/u1
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33



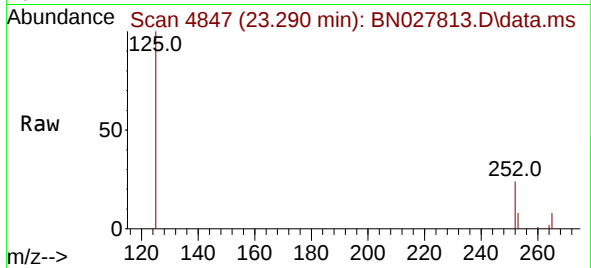
Tgt Ion:228 Resp: 23061
Ion Ratio Lower Upper
228 100
226 32.3 24.5 36.7
229 25.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul m
RT: 23.290 min Scan# 4846
Delta R.T. -0.000 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

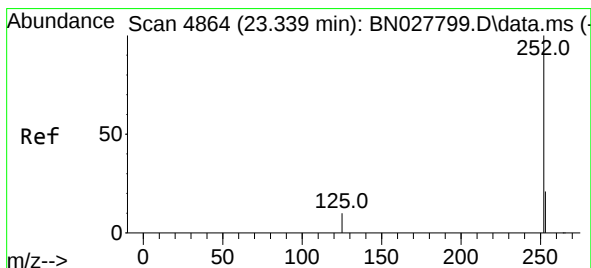
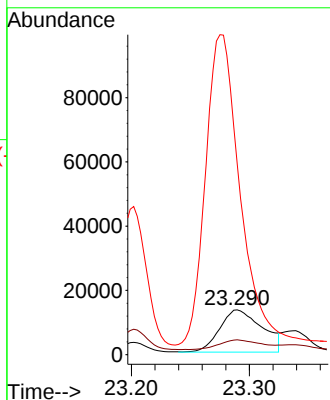
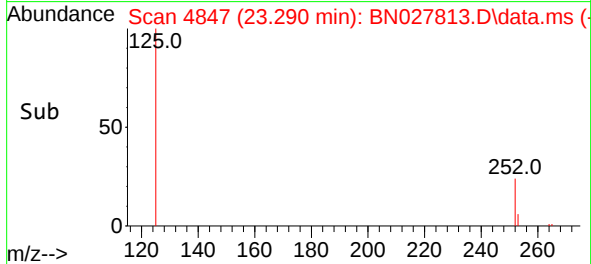
Instrument :
BNA_N
ClientSampleId :
C0AC8



Tgt Ion:252 Resp: 3305
Ion Ratio Lower Upper
252 100
253 33.2 0.0 50.2
125 425.3 0.0 31.4

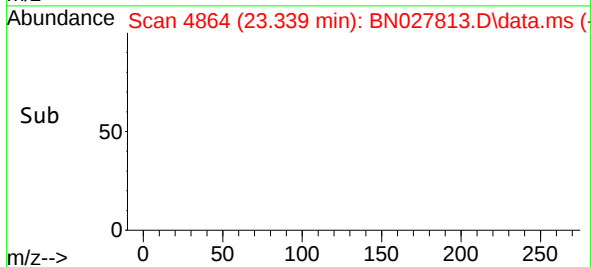
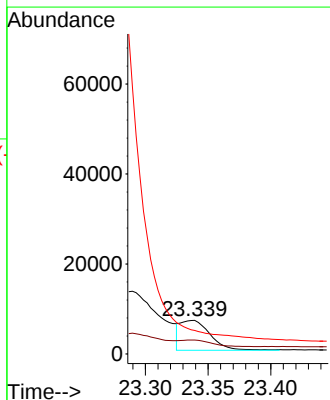
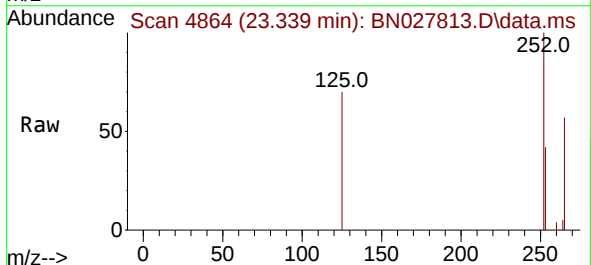
Manual Integrations
APPROVED

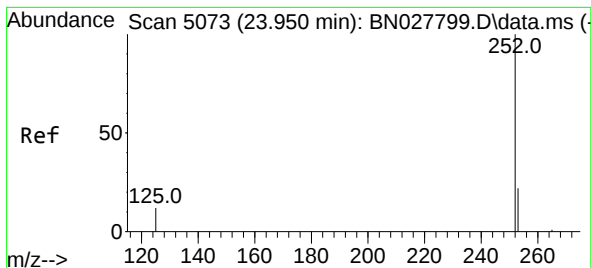
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 23.339 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027813.D
Acq: 22 Sep 2023 07:33

Tgt Ion:252 Resp: 10961
Ion Ratio Lower Upper
252 100
253 41.6 19.9 29.9#
125 70.1 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.236 ng/ul

RT: 23.950 min Scan# 5073

Delta R.T. -0.000 min

Lab File: BN027813.D

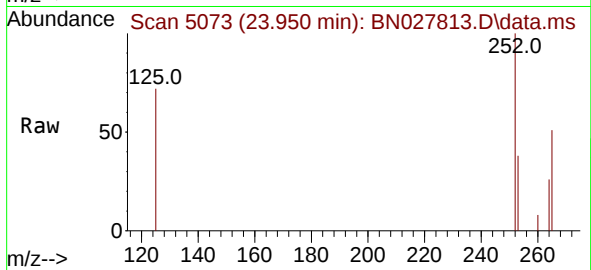
Acq: 22 Sep 2023 07:33

Instrument :

BN027813.D

ClientSampleId :

C0AC8



Tgt Ion:252 Resp: 16294

Ion Ratio Lower Upper

252 100

253 37.8 21.9 32.9

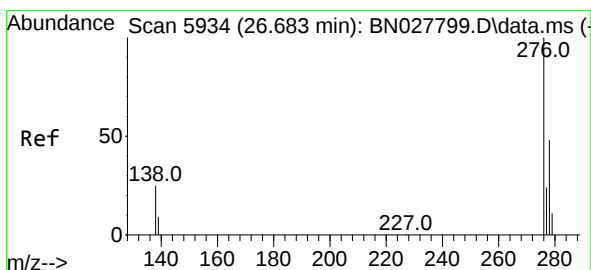
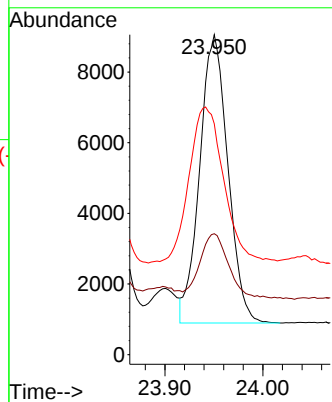
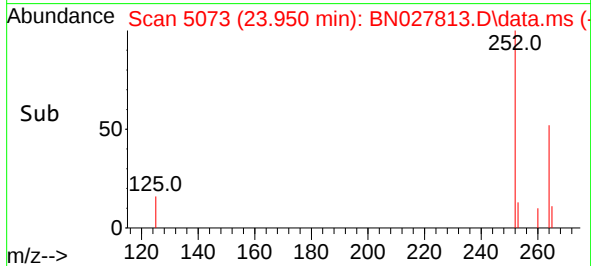
125 72.1 15.5 23.3

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: 0.166 ng/ul

RT: 26.686 min Scan# 5935

Delta R.T. 0.003 min

Lab File: BN027813.D

Acq: 22 Sep 2023 07:33

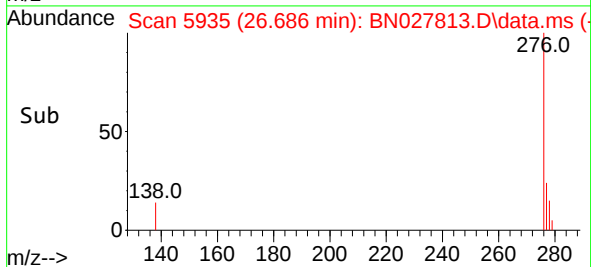
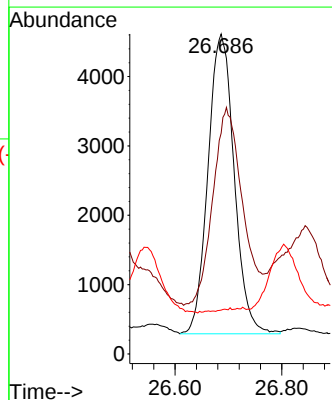
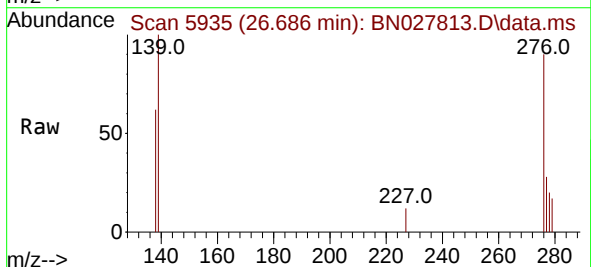
Tgt Ion:276 Resp: 14678

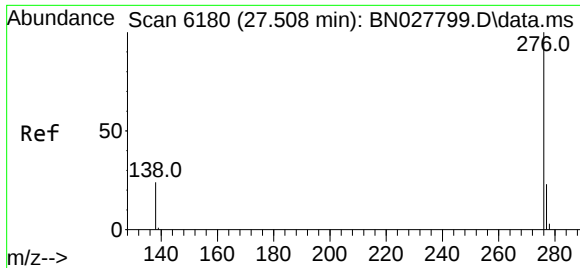
Ion Ratio Lower Upper

276 100

138 75.9 24.3 36.5

227 0.0 0.0 0.0





#29

Benzo(g,h,i)perylene

Concen: 0.246 ng/ul

RT: 27.511 min Scan# 61

Delta R.T. 0.007 min

Lab File: BN027813.D

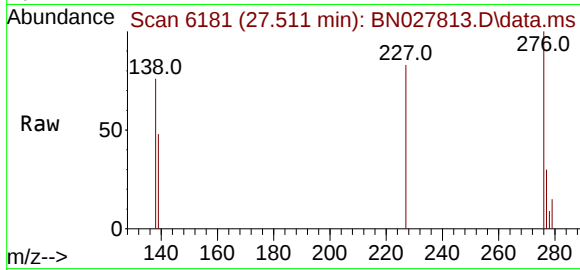
Acq: 22 Sep 2023 07:33

Instrument :

BNA_N

ClientSampleId :

C0AC8



Tgt Ion:276 Resp: 18494

Ion Ratio Lower Upper

276 100

138 76.0 21.7 32.5

277 30.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023

