

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027817.D
 Acq On : 22 Sep 2023 09:57
 Operator : MA/JU
 Sample : 04332-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH2

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 11:16:55 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	6094	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	20635	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12635	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	28981	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	23680	0.400	ng/ul	# 0.00
23) Perylene-d12	24.065	264	20699	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	9444	1.230	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	2502	0.080	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	6918	0.096	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	2021	0.034	ng/ul#	84
7) 2-Methylnaphthalene	12.473	142	1789	0.048	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	1513	0.039	ng/ul	100
10) Acenaphthylene	14.370	152	1254	0.023	ng/ul#	72
15) Phenanthrene	17.430	178	12433	0.137	ng/ul	96
16) Anthracene	17.523	178	1657	0.022	ng/ul#	71
19) Fluoranthene	19.441	202	32369	0.338	ng/ul#	93
20) Pyrene	19.808	202	27825m	0.282	ng/ul	
21) Benzo(a)anthracene	21.554	228	11845	0.129	ng/ul#	91
22) Chrysene	21.609	228	15905	0.168	ng/ul#	92
24) Benzo(b)fluoranthene	23.290	252	23139m	0.251	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	7835m	0.088	ng/ul	
26) Benzo(a)pyrene	23.954	252	11479	0.155	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	26.683	276	9815	0.103	ng/ul#	44
29) Benzo(g,h,i)perylene	27.515	276	12271	0.152	ng/ul#	34

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

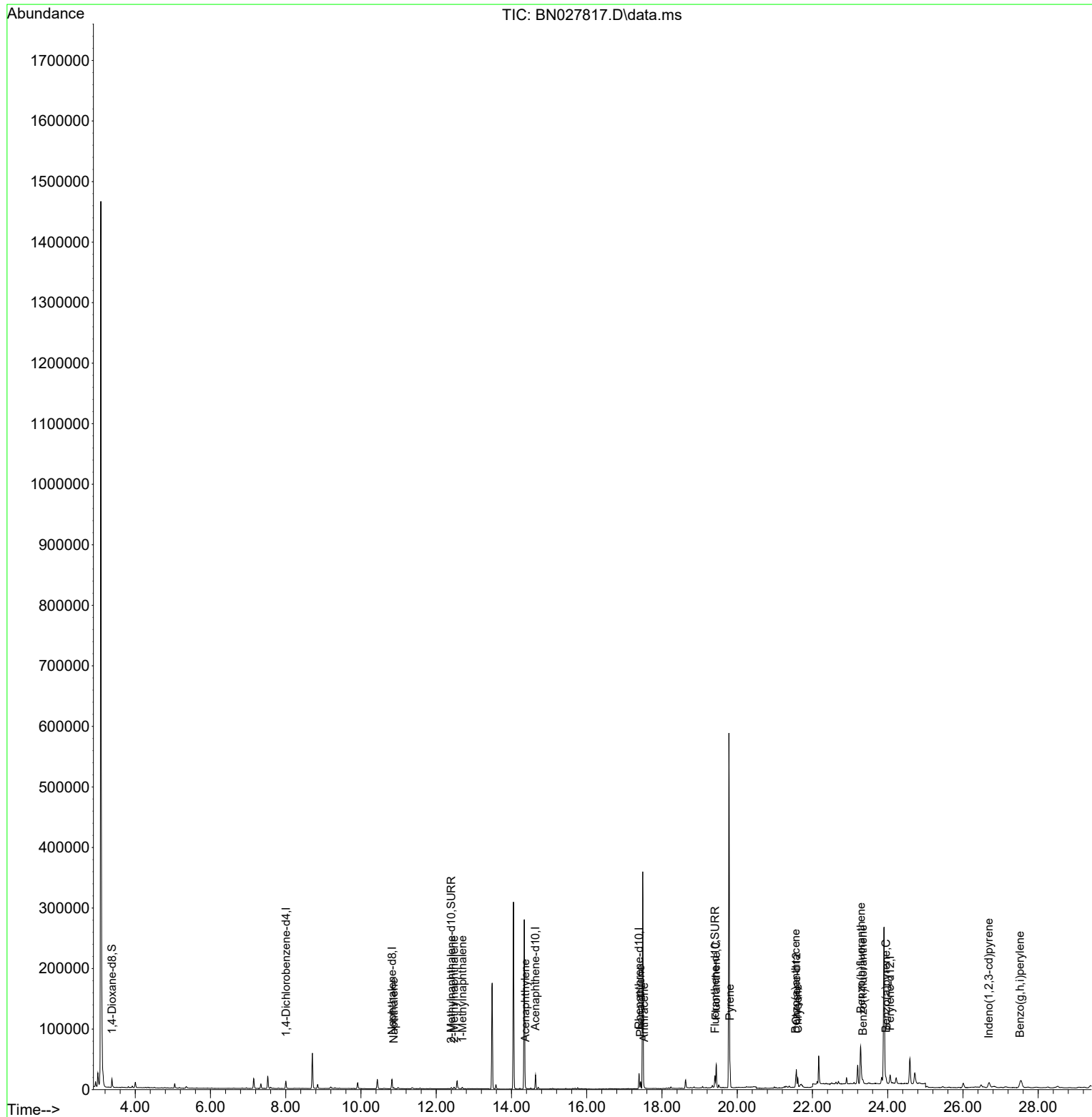
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027817.D
Acq On : 22 Sep 2023 09:57
Operator : MA/JU
Sample : 04332-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

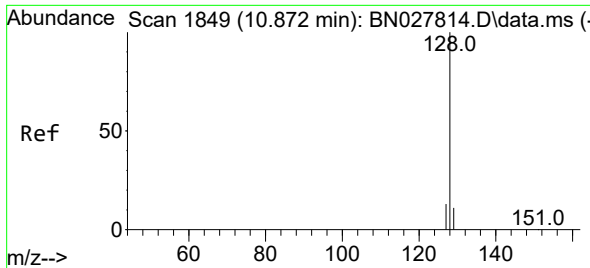
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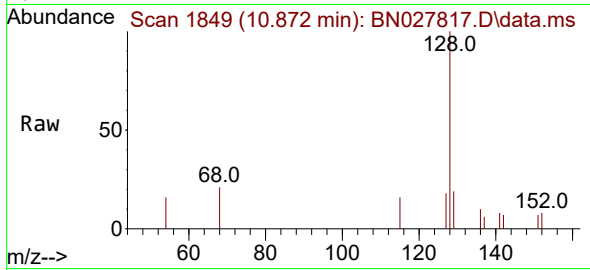
Quant Time: Sep 22 11:16:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

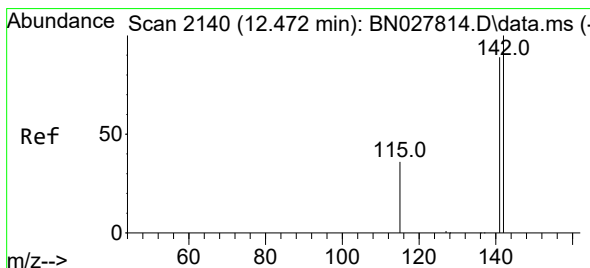
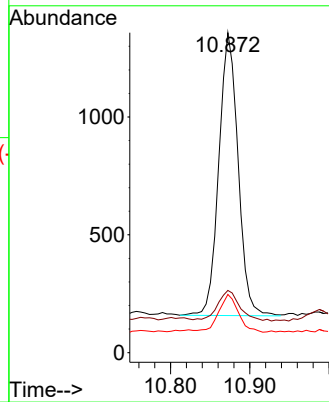
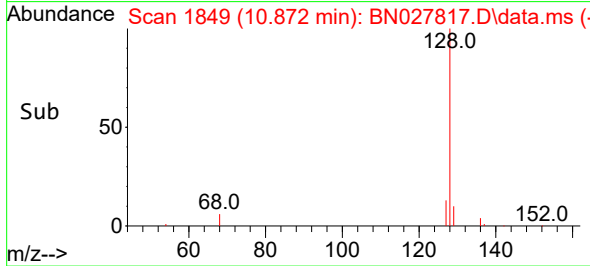
Instrument :
BNA_N
ClientSampleId :
C0AH2



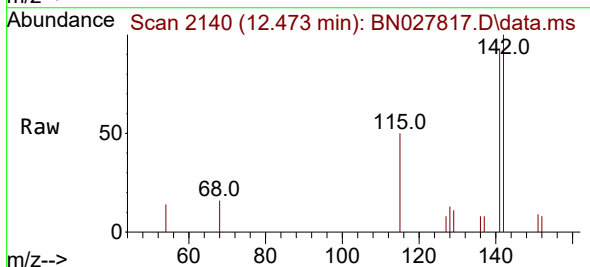
Tgt Ion:128 Resp: 2023
Ion Ratio Lower Upper
128 100
129 19.4 9.3 13.9
127 18.2 10.7 16.1

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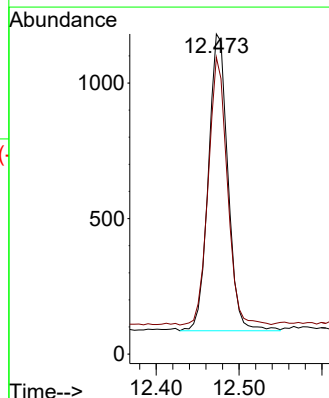
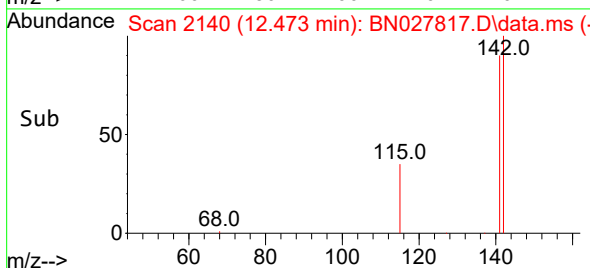
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

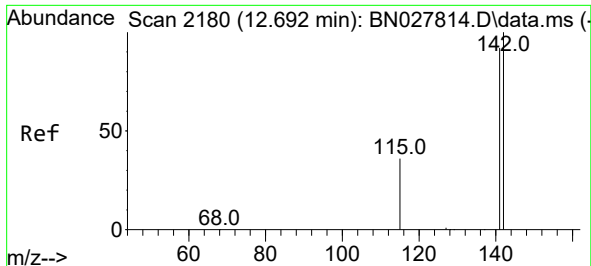


#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57



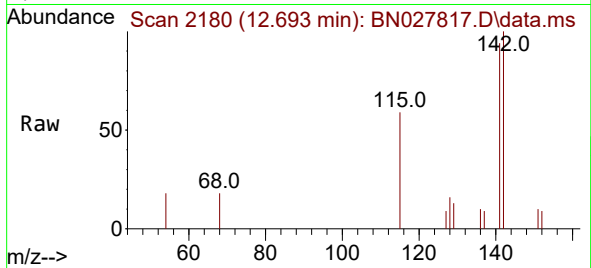
Tgt Ion:142 Resp: 1789
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

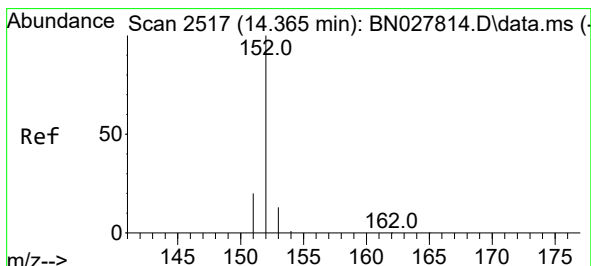
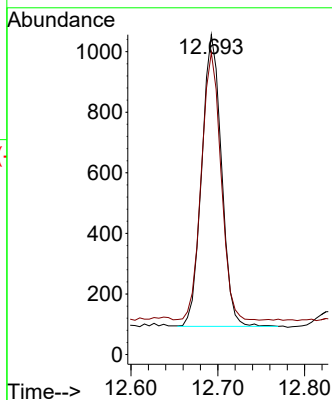
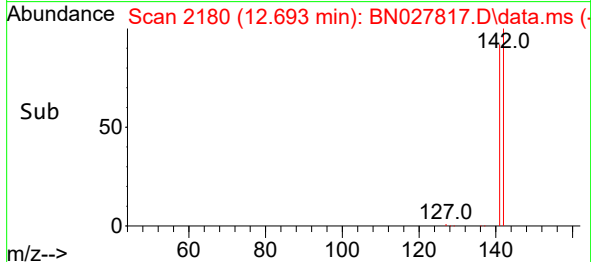
Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:142 Resp: 151
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2

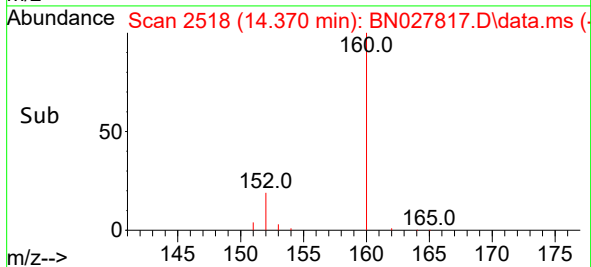
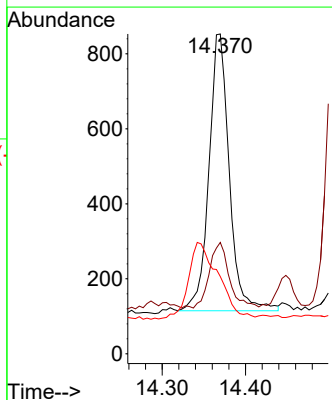
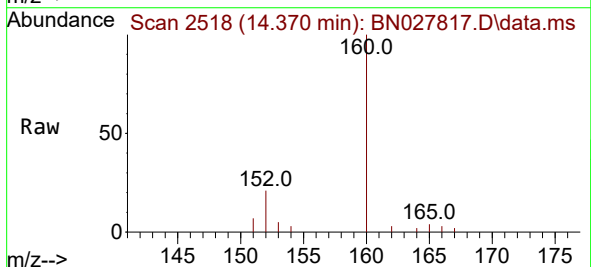
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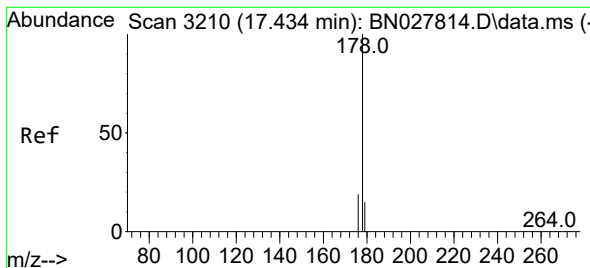
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

Tgt Ion:152 Resp: 1254
Ion Ratio Lower Upper
152 100
151 34.8 16.6 25.0#
153 24.2 11.0 16.6#





#15

Phenanthrene

Concen: 0.137 ng/u1

RT: 17.430 min Scan# 3210

Delta R.T. -0.004 min

Lab File: BN027817.D

Acq: 22 Sep 2023 09:57

Instrument :

BNA_N

ClientSampleId :

C0AH2

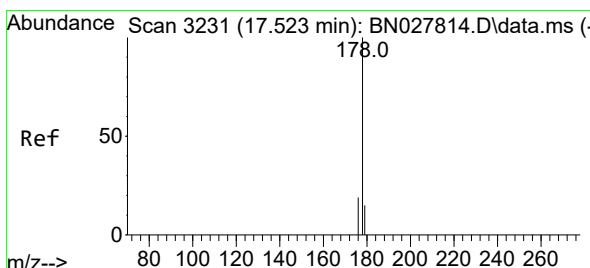
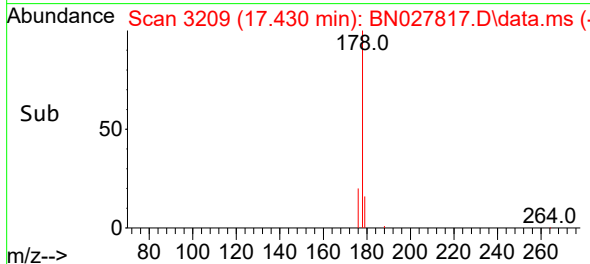
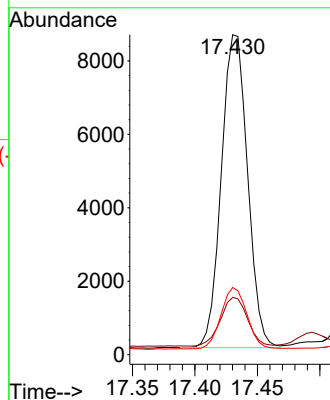
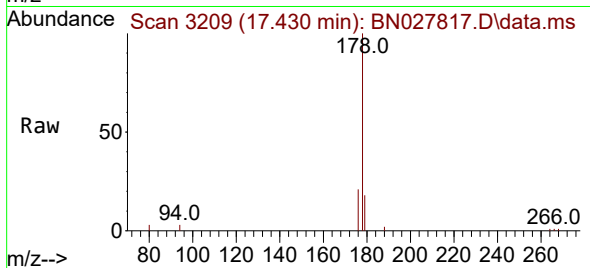
Tgt Ion:178	Resp:	1243
Ion Ratio	Lower	Upper
178	100	
179	17.9	12.4 18.6
176	21.0	16.0 24.0

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Supervised By :mohammad ahmed 09/25/2023



#16

Anthracene

Concen: 0.022 ng/u1

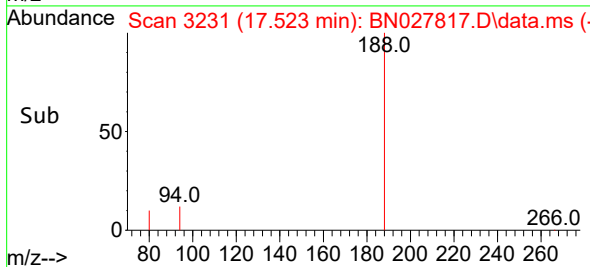
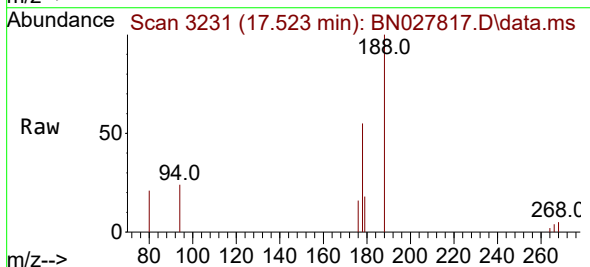
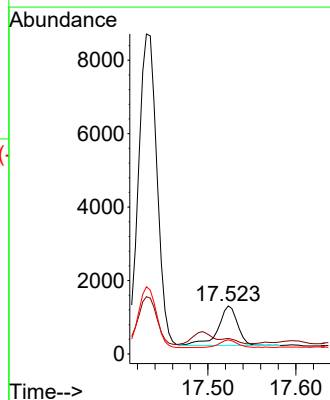
RT: 17.523 min Scan# 3231

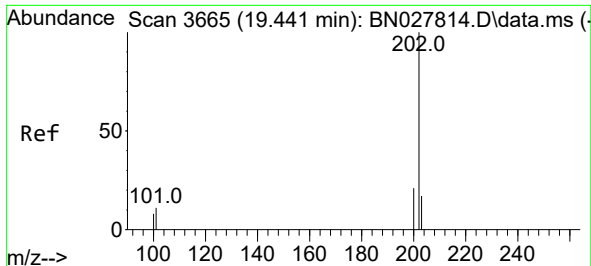
Delta R.T. -0.004 min

Lab File: BN027817.D

Acq: 22 Sep 2023 09:57

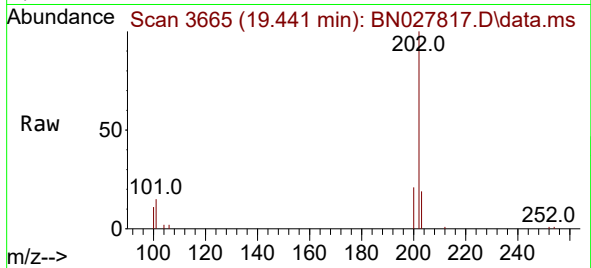
Tgt Ion:178	Resp:	1657
Ion Ratio	Lower	Upper
178	100	
179	32.3	12.6 19.0#
176	29.2	15.5 23.3#





#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.441 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

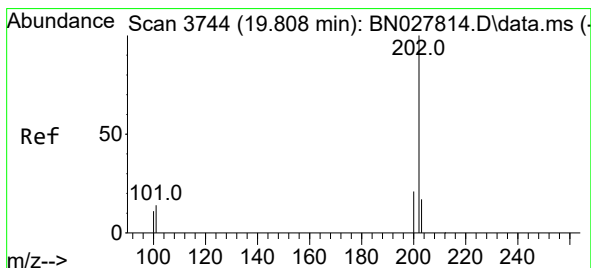
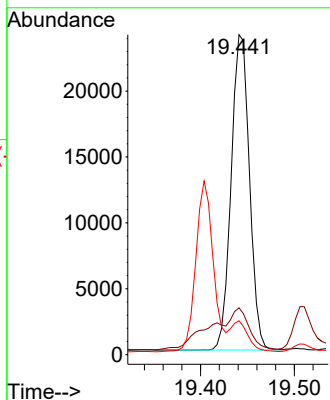
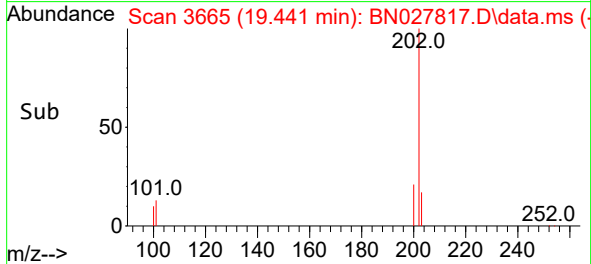
Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:202 Resp: 32369
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9
100 10.6 7.0 10.4

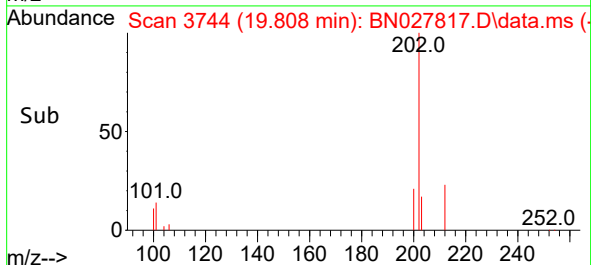
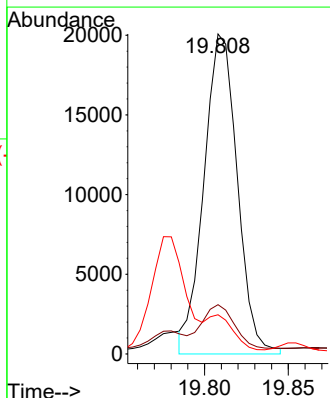
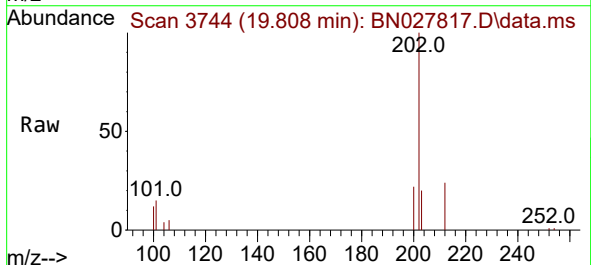
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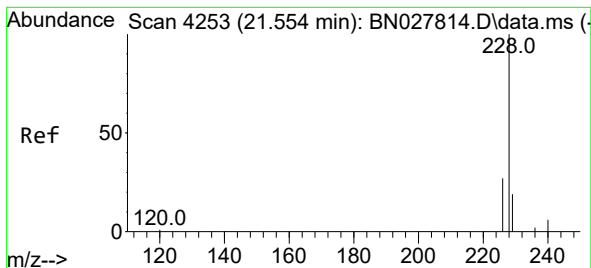
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 0.282 ng/ul m
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

Tgt Ion:202 Resp: 27825
Ion Ratio Lower Upper
202 100
101 15.4 11.4 17.0
100 12.2 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.129 ng/ul

RT: 21.554 min Scan# 4253

Delta R.T. 0.000 min

Lab File: BN027817.D

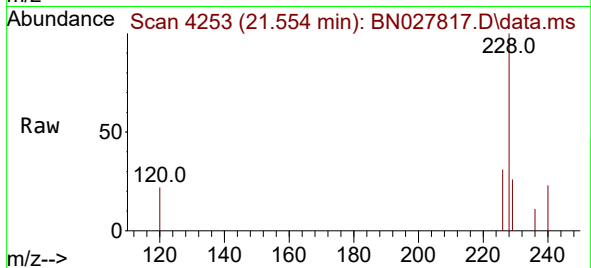
Acq: 22 Sep 2023 09:57

Instrument :

BNA_N

ClientSampleId :

C0AH2



Tgt Ion:228 Resp: 11845

Ion Ratio Lower Upper

228 100

229 26.2 15.8 23.8

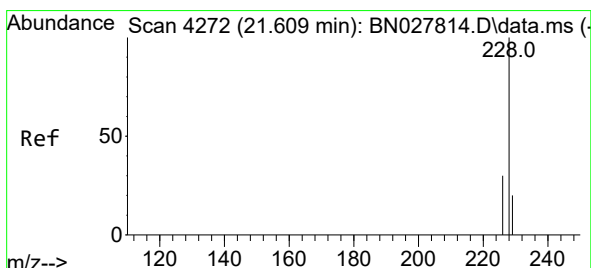
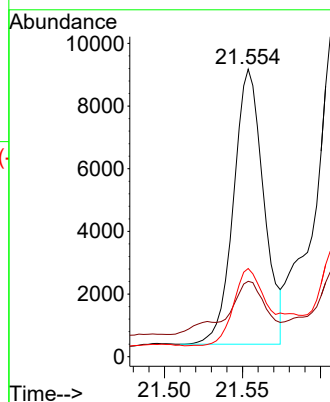
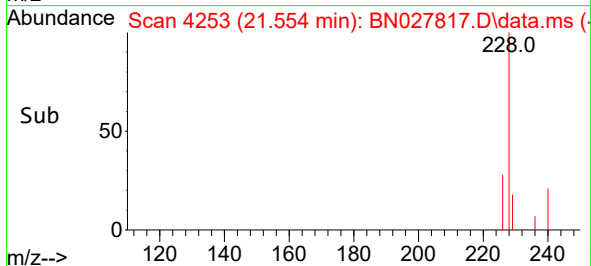
226 30.7 22.0 33.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#22

Chrysene

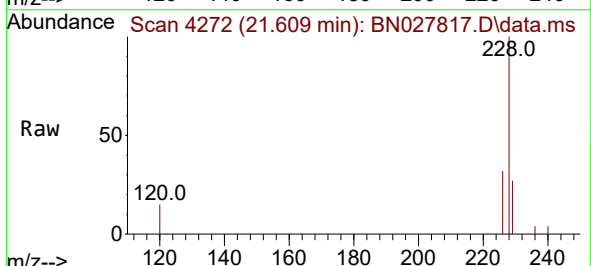
Concen: 0.168 ng/ul

RT: 21.609 min Scan# 4272

Delta R.T. 0.000 min

Lab File: BN027817.D

Acq: 22 Sep 2023 09:57



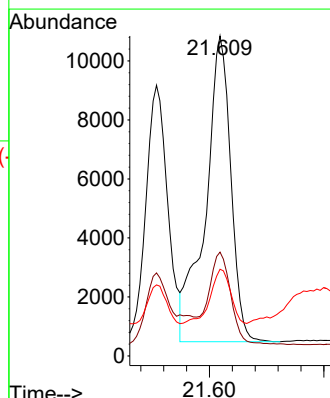
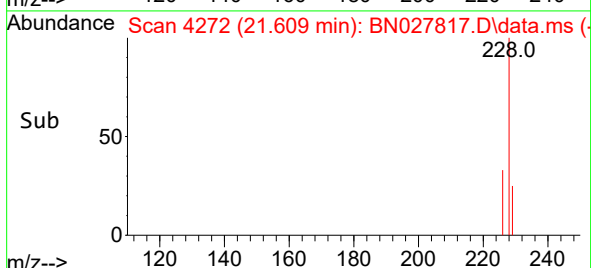
Tgt Ion:228 Resp: 15905

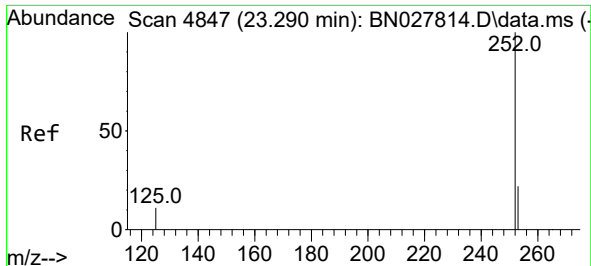
Ion Ratio Lower Upper

228 100

226 32.4 24.5 36.7

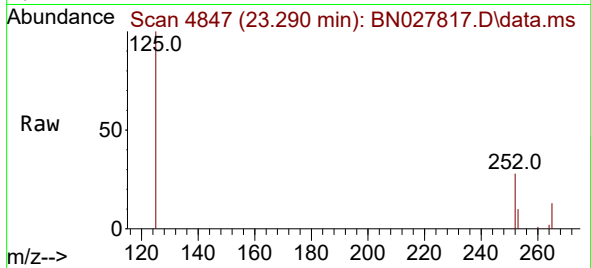
229 27.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.251 ng/ul m
RT: 23.290 min Scan# 4847
Delta R.T. 0.000 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

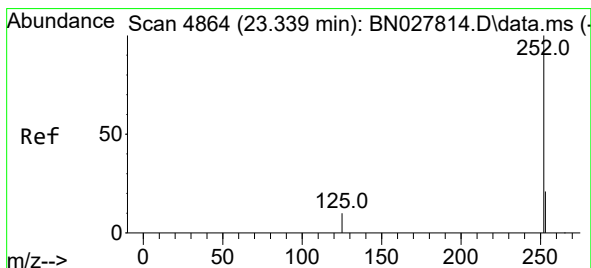
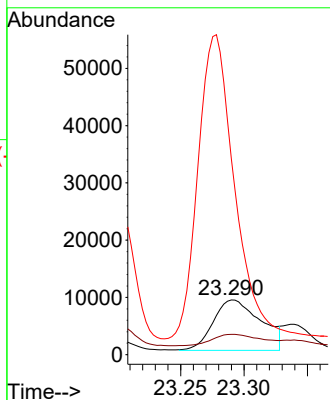
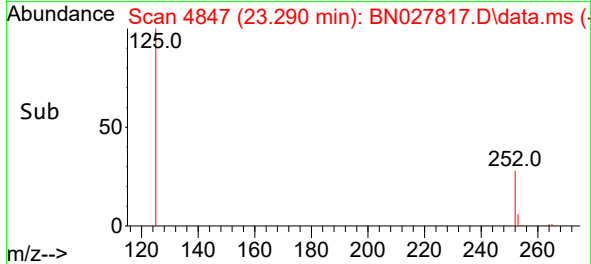
Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:252 Resp: 23135
Ion Ratio Lower Upper
252 100
253 37.1 0.0 50.2
125 358.2 0.0 31.4

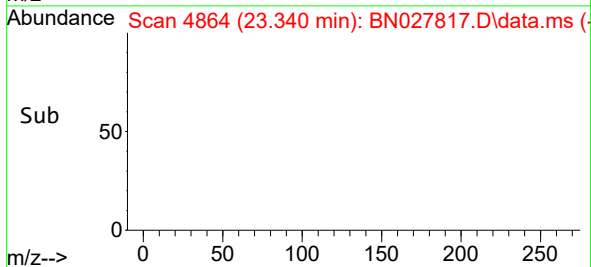
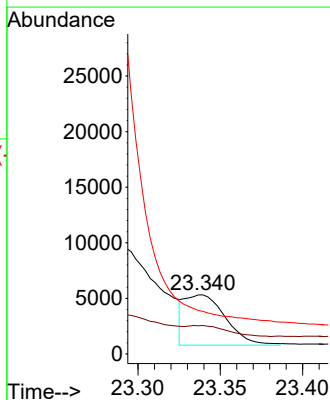
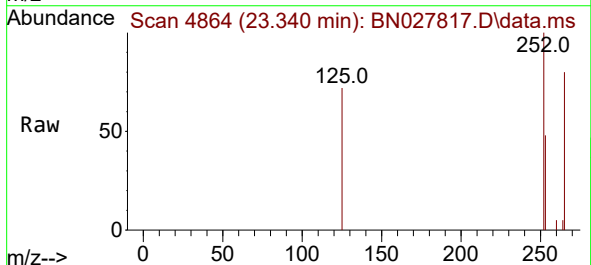
Manual Integrations
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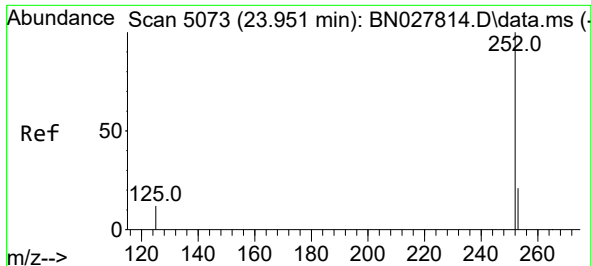
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 23.340 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

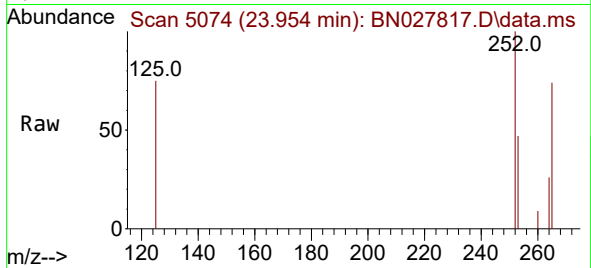
Tgt Ion:252 Resp: 7835
Ion Ratio Lower Upper
252 100
253 48.2 19.9 29.9#
125 72.1 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.155 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

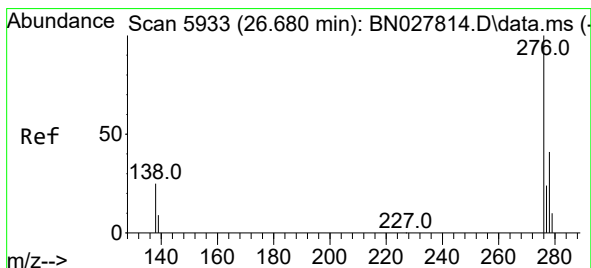
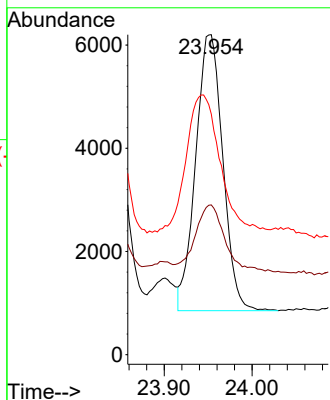
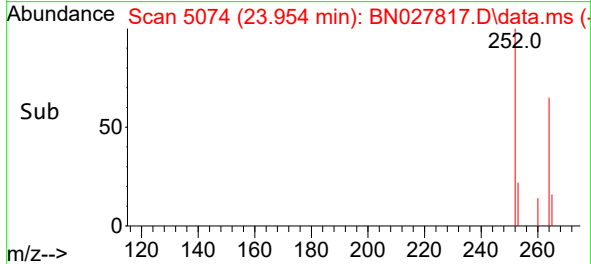
Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:252 Resp: 11479
Ion Ratio Lower Upper
252 100
253 46.8 21.9 32.9
125 75.2 15.5 23.3

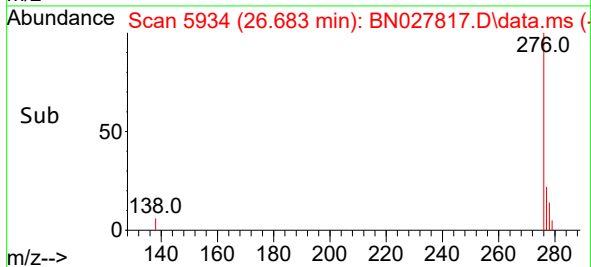
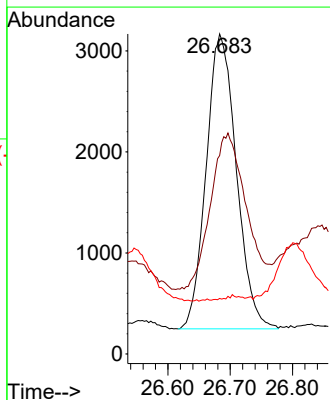
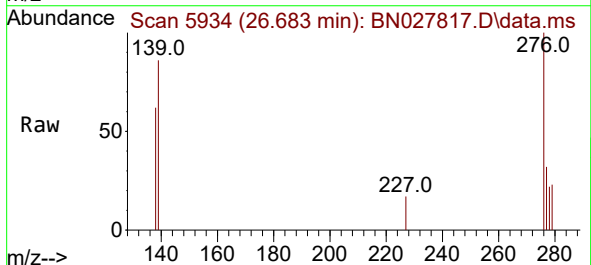
Manual Integrations
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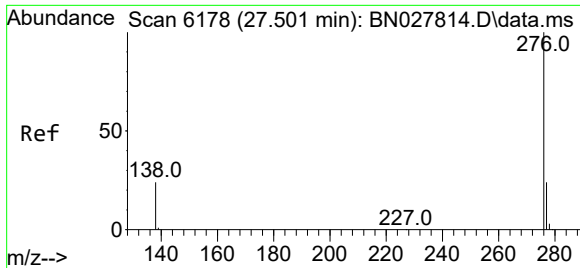
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 26.683 min Scan# 5934
Delta R.T. 0.000 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

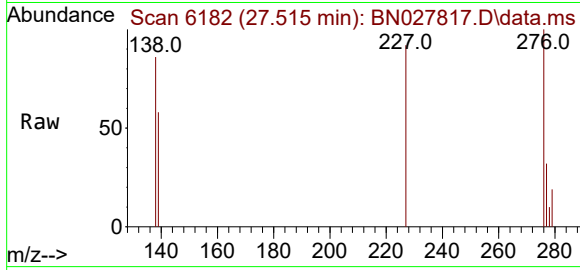
Tgt Ion:276 Resp: 9815
Ion Ratio Lower Upper
276 100
138 0.0 24.3 36.5
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 27.515 min Scan# 6182
Delta R.T. 0.010 min
Lab File: BN027817.D
Acq: 22 Sep 2023 09:57

Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion: 276 Resp: 1227
Ion Ratio Lower Upper
276 100
138 86.3 21.7 32.5
277 32.1 20.2 30.2

Manual Integrations
APPROVED

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

