

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027819.D
 Acq On : 22 Sep 2023 11:09
 Operator : MA/JU
 Sample : 04332-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE4

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 12:26:01 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	5103	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	17618	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	10833	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	24841	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	20748	0.400	ng/ul	# 0.00
23) Perylene-d12	24.067	264	18312	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	16872	2.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4522	0.169	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	11580	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	1471	0.029	ng/ul#	77
7) 2-Methylnaphthalene	12.473	142	1258	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	1066	0.032	ng/ul	98
10) Acenaphthylene	14.370	152	969	0.020	ng/ul#	69
15) Phenanthrene	17.434	178	7766	0.099	ng/ul	96
19) Fluoranthene	19.441	202	20278	0.242	ng/ul#	93
20) Pyrene	19.808	202	17881m	0.207	ng/ul	
21) Benzo(a)anthracene	21.553	228	7961	0.099	ng/ul#	87
22) Chrysene	21.612	228	10010	0.121	ng/ul#	90
24) Benzo(b)fluoranthene	23.293	252	14922m	0.183	ng/ul	
25) Benzo(k)fluoranthene	23.339	252	4510m	0.057	ng/ul	
26) Benzo(a)pyrene	23.953	252	7981	0.122	ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	26.686	276	6100	0.073	ng/ul#	74
29) Benzo(g,h,i)perylene	27.518	276	6273	0.088	ng/ul#	46

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

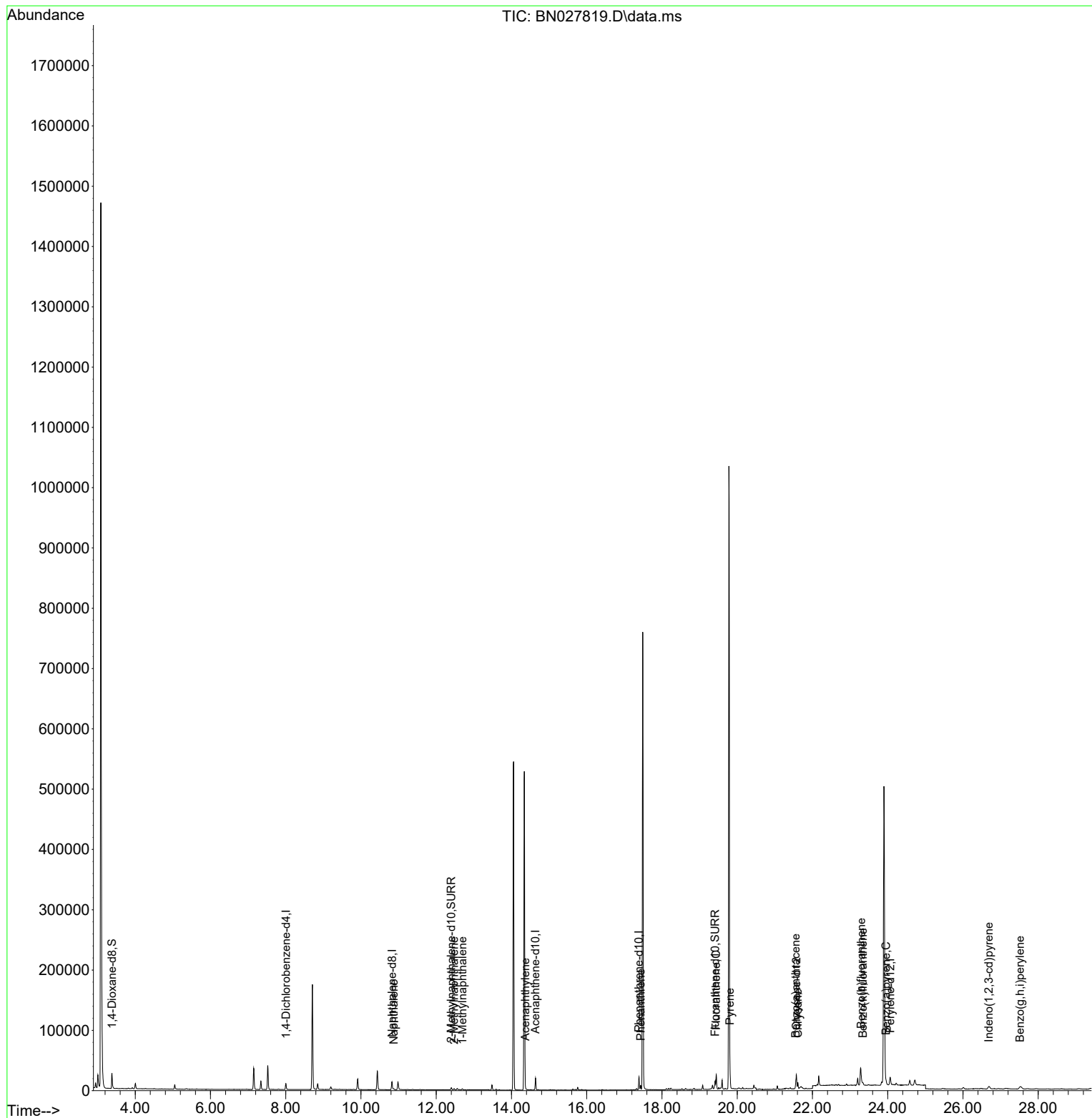
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027819.D
Acq On : 22 Sep 2023 11:09
Operator : MA/JU
Sample : 04332-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

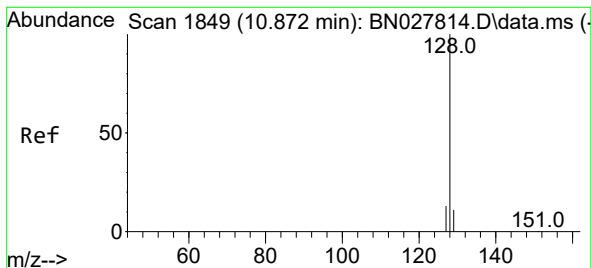
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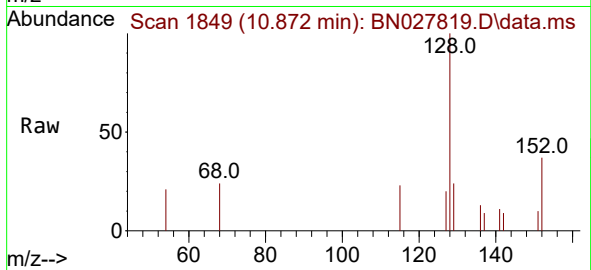
Quant Time: Sep 22 12:26:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

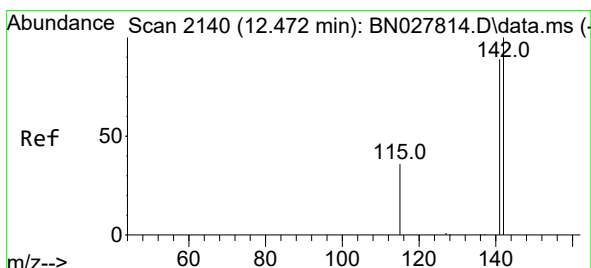
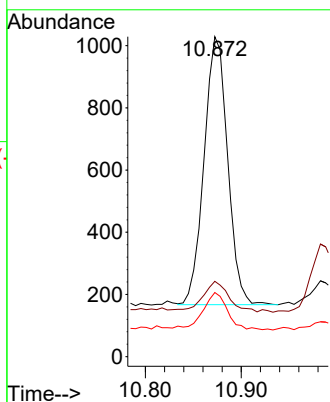
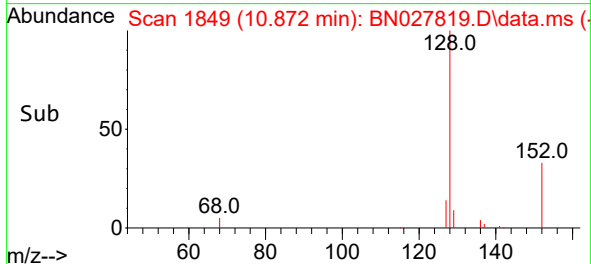
Instrument :
BNA_N
ClientSampleId :
C0AE4



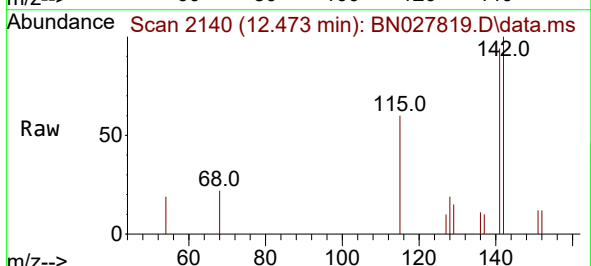
Tgt Ion:128 Resp: 147
Ion Ratio Lower Upper
128 100
129 23.5 9.3 13.9
127 20.0 10.7 16.1

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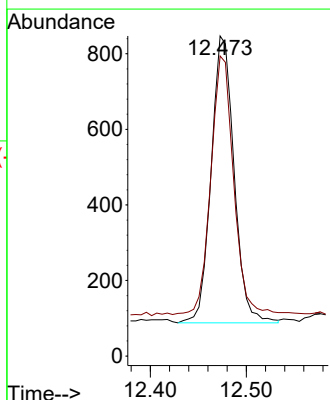
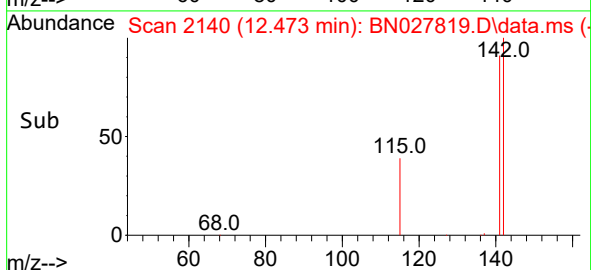
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

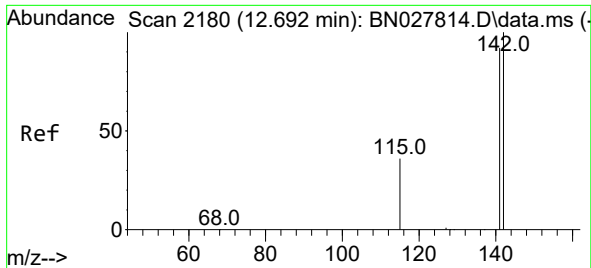


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09



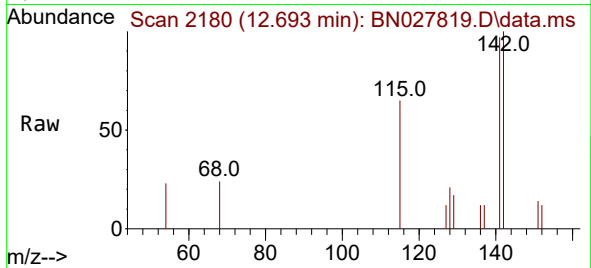
Tgt Ion:142 Resp: 1258
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

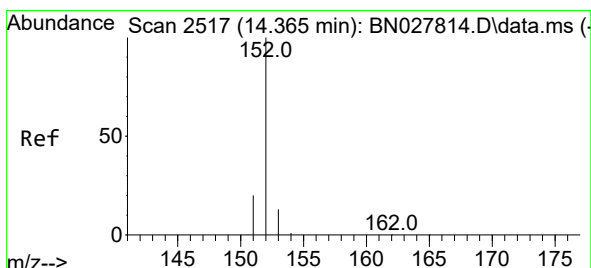
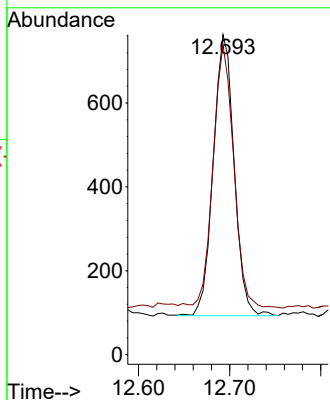
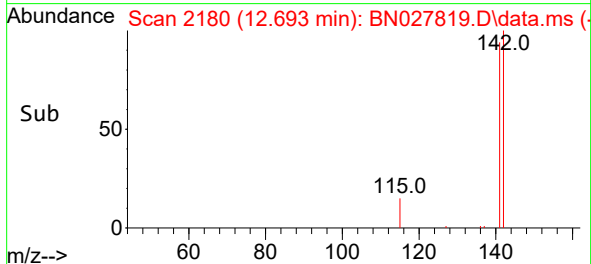
Instrument :
BNA_N
ClientSampleId :
C0AE4



Tgt Ion:142 Resp: 1060
Ion Ratio Lower Upper
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141 92.9 72.8 109.2

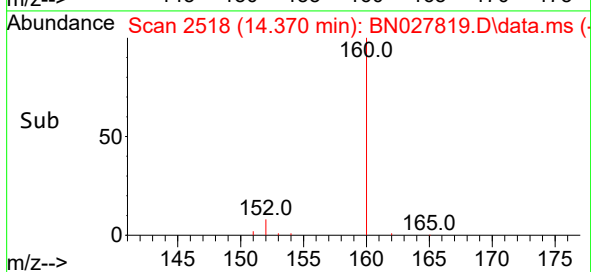
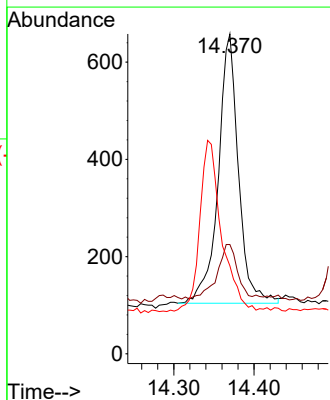
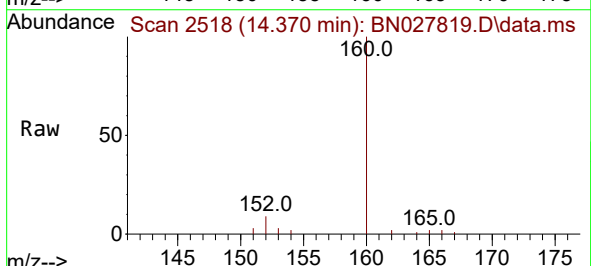
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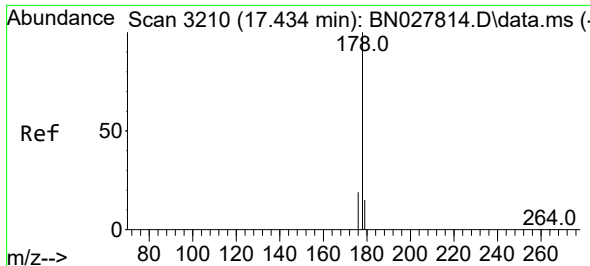
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

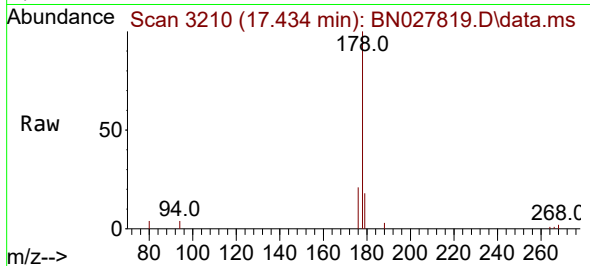
Tgt Ion:152 Resp: 969
Ion Ratio Lower Upper
152 100
151 34.2 16.6 25.0#
153 27.5 11.0 16.6#





#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

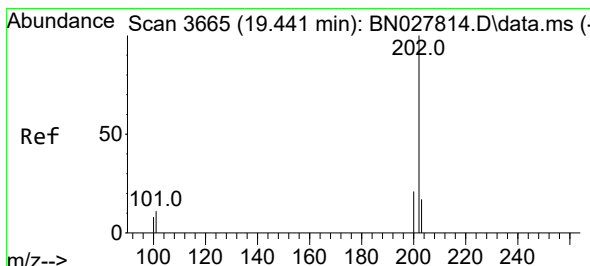
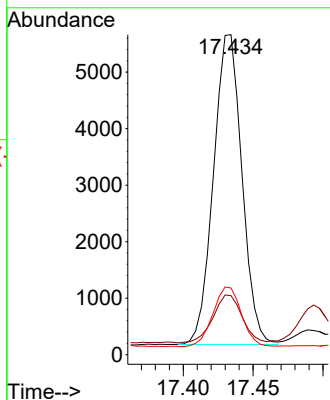
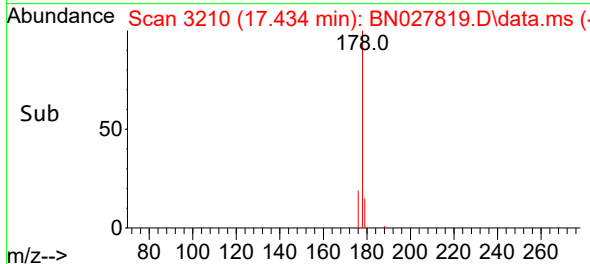
Instrument :
BNA_N
ClientSampleId :
C0AE4



Tgt Ion:178 Resp: 7760
Ion Ratio Lower Upper
178 100
179 18.5 12.4 18.6
176 20.9 16.0 24.0

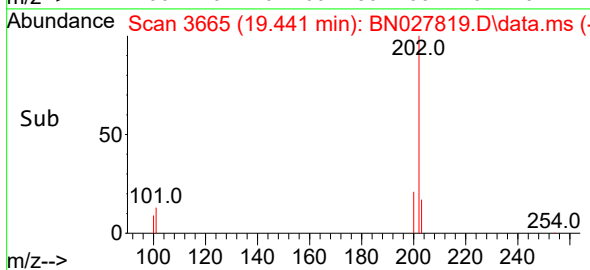
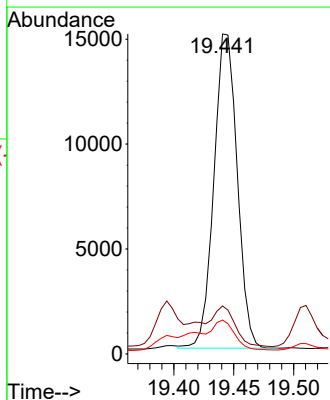
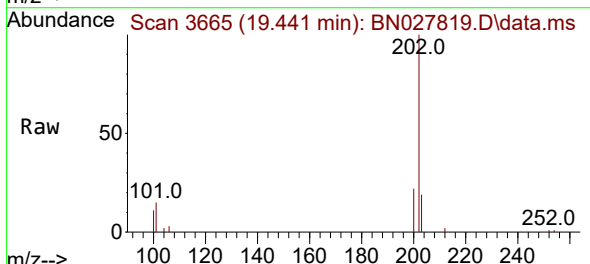
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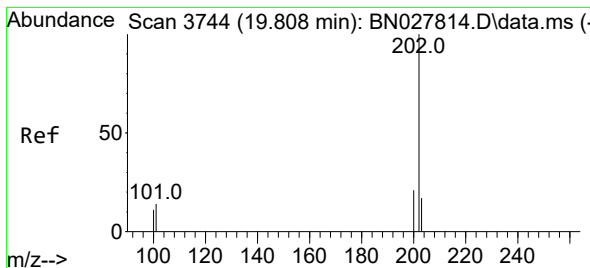
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#19
Fluoranthene
Concen: 0.242 ng/ul
RT: 19.441 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

Tgt Ion:202 Resp: 20278
Ion Ratio Lower Upper
202 100
101 15.0 9.3 13.9#
100 10.6 7.0 10.4#





#20

Pyrene

Concen: 0.207 ng/ul m

RT: 19.808 min Scan# 3744

Delta R.T. -0.005 min

Lab File: BN027819.D

Acq: 22 Sep 2023 11:09

Instrument :

BNA_N

ClientSampleId :

C0AE4

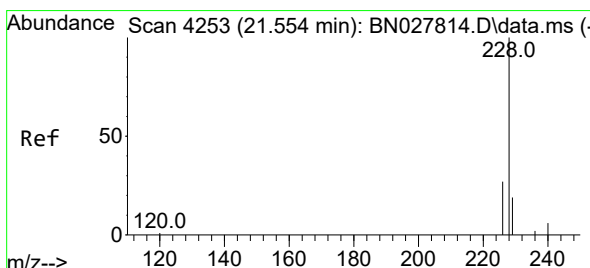
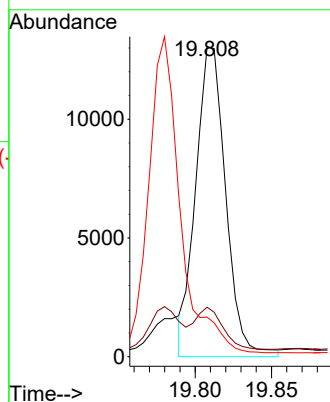
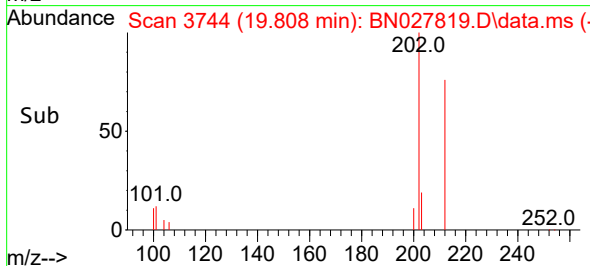
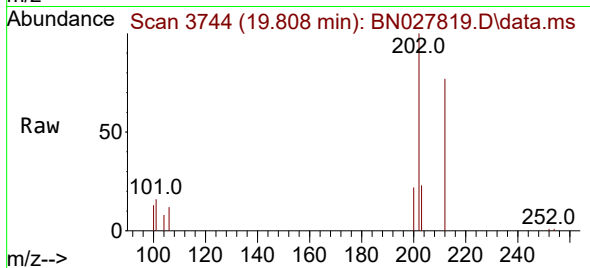
Tgt Ion:202	Resp:	1788
Ion Ratio	Lower	Upper
202	100	
101	15.9	11.4 17.0
100	12.7	9.1 13.7

Manual Integrations

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Supervised By :mohammad ahmed 09/25/2023



#21

Benzo(a)anthracene

Concen: 0.099 ng/ul

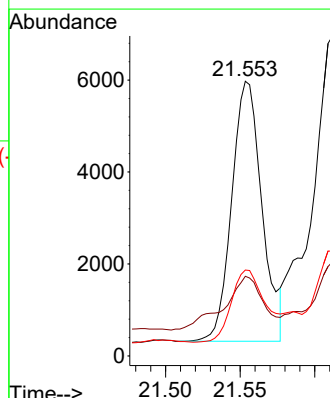
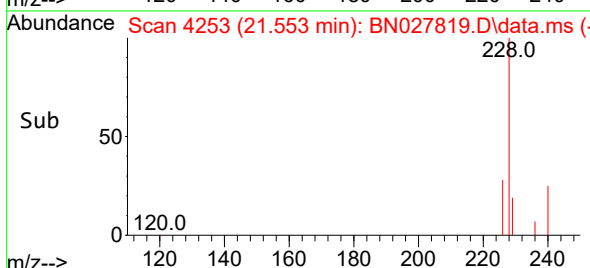
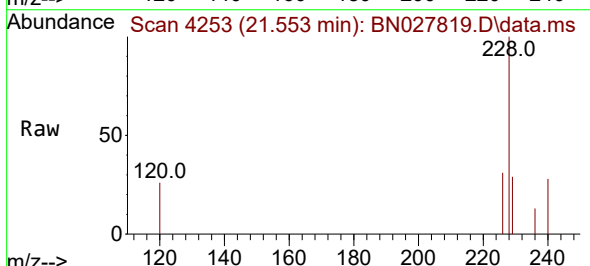
RT: 21.553 min Scan# 4253

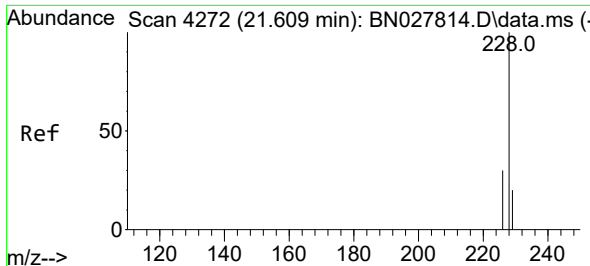
Delta R.T. -0.000 min

Lab File: BN027819.D

Acq: 22 Sep 2023 11:09

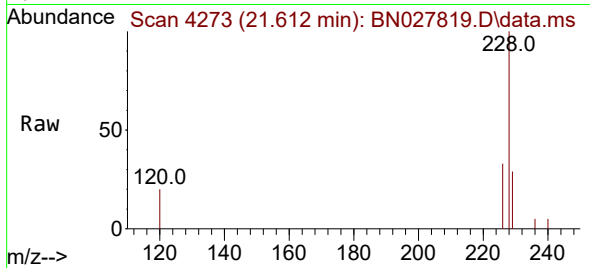
Tgt Ion:228	Resp:	7961
Ion Ratio	Lower	Upper
228	100	
229	29.0	15.8 23.8
226	31.3	22.0 33.0





#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

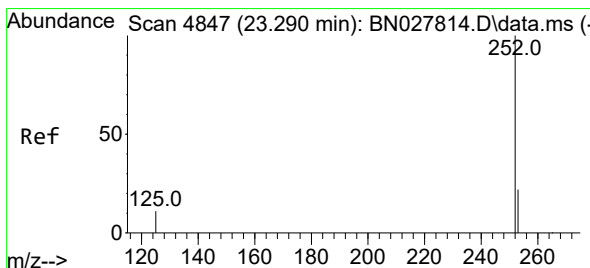
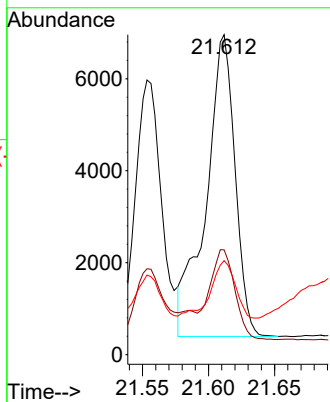
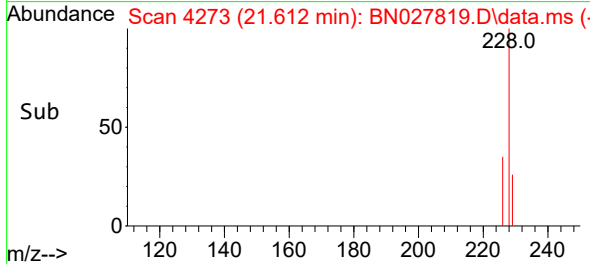
Instrument :
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Tgt Ion:228 Resp: 10010
Ion Ratio Lower Upper
228 100
226 32.7 24.5 36.7
229 29.4 16.0 24.0

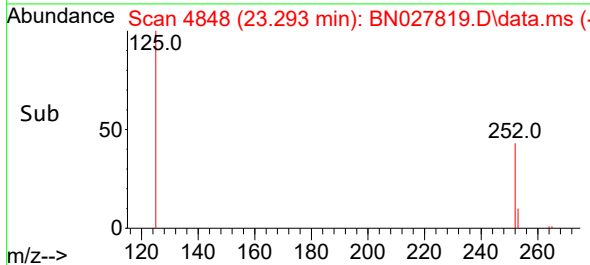
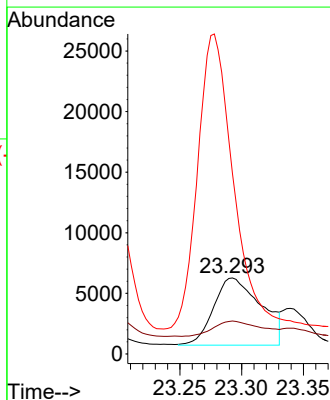
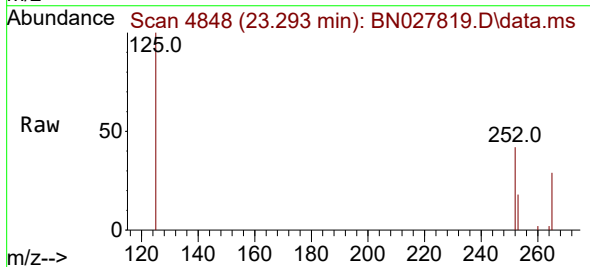
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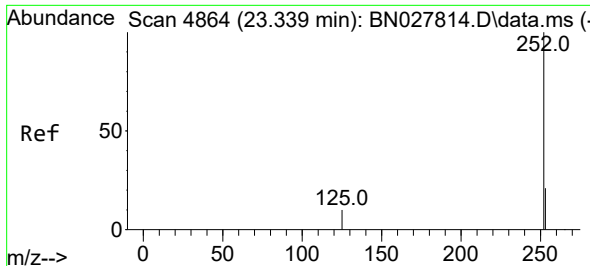
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.183 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

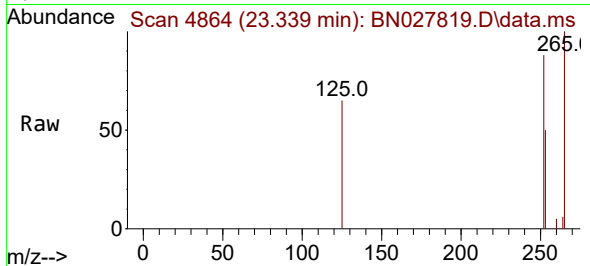
Tgt Ion:252 Resp: 14922
Ion Ratio Lower Upper
252 100
253 43.3 0.0 50.2
125 237.4 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.057 ng/ul m
RT: 23.339 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

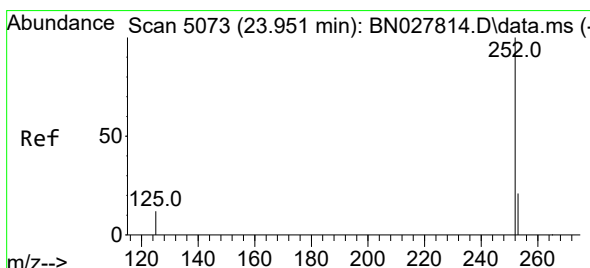
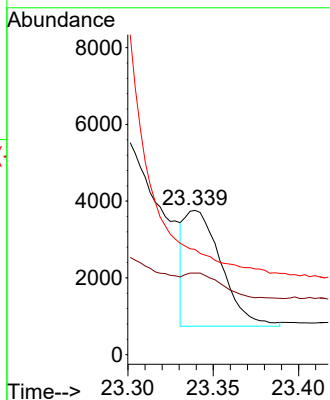
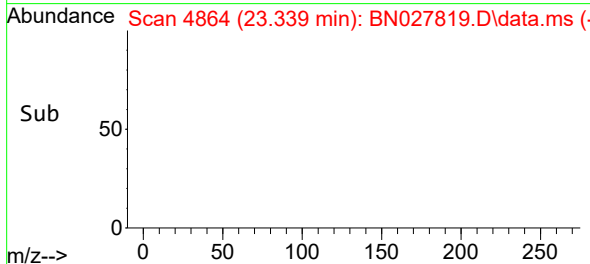
Instrument :
BNA_N
ClientSampleId :
C0AE4



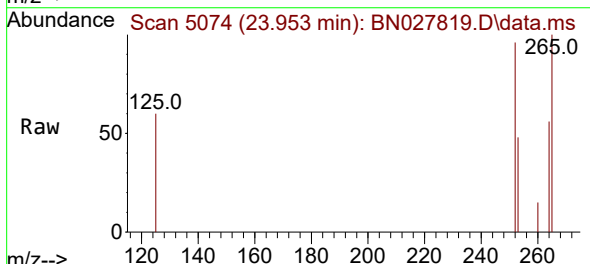
Tgt Ion:252 Resp: 4510
Ion Ratio Lower Upper
252 100
253 56.6 19.9 29.9#
125 72.9 12.6 19.0#

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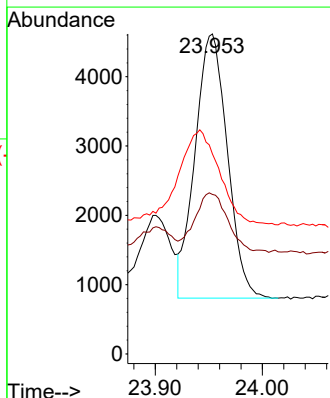
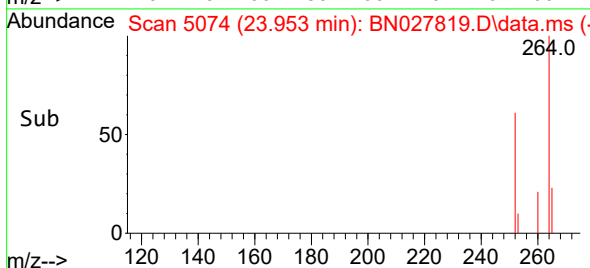
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

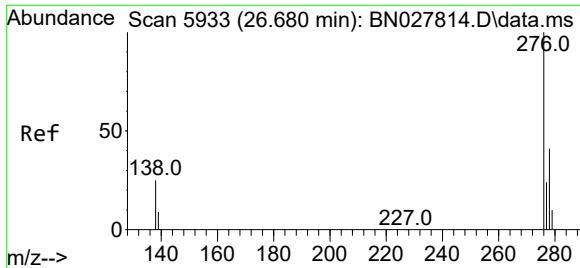


#26
Benzo(a)pyrene
Concen: 0.122 ng/ul
RT: 23.953 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09



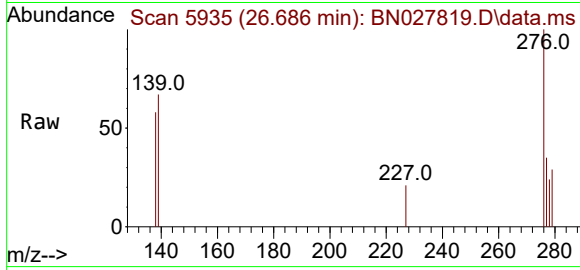
Tgt Ion:252 Resp: 7981
Ion Ratio Lower Upper
252 100
253 49.9 21.9 32.9#
125 62.5 15.5 23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.073 ng/ul
RT: 26.686 min Scan# 5933
Delta R.T. 0.003 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09

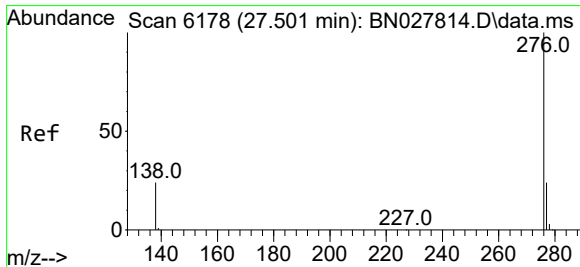
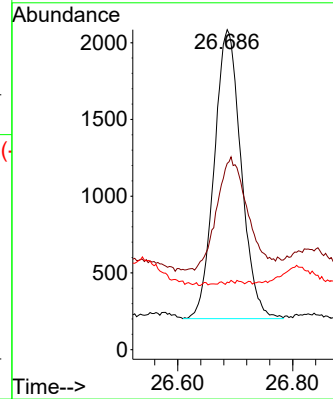
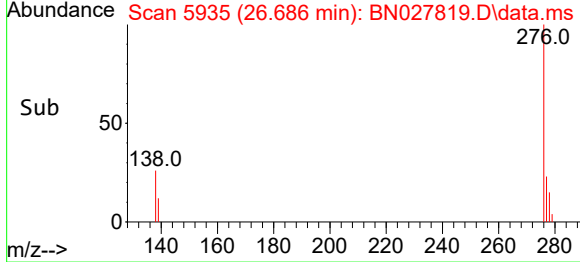
Instrument :
BNA_N
ClientSampleId :
C0AE4



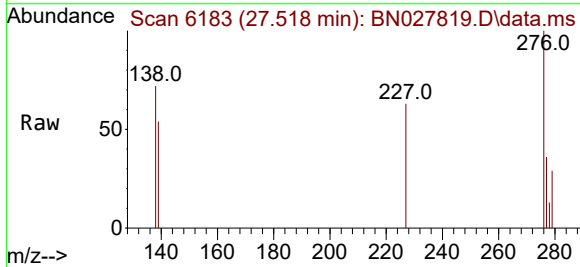
Tgt Ion:276 Resp: 6100
Ion Ratio Lower Upper
276 100
138 44.5 24.3 36.5#
227 0.0 0.0 0.0

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



#29
Benzo(g,h,i)perylene
Concen: 0.088 ng/ul
RT: 27.518 min Scan# 6183
Delta R.T. 0.013 min
Lab File: BN027819.D
Acq: 22 Sep 2023 11:09



Tgt Ion:276 Resp: 6273
Ion Ratio Lower Upper
276 100
138 71.5 21.7 32.5#
277 35.6 20.2 30.2#

