

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027848.D
 Acq On : 23 Sep 2023 06:07
 Operator : MA/JU
 Sample : 04330-06DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYX7DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 25 00:47:18 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	6366	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	22004	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.638	164	13770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	31285	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	26302	0.400	ng/ul	# 0.00
23) Perylene-d12	24.065	264	23483	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	4050	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	2104	0.063	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5693	0.071	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	12786	0.203	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	6952	0.174	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	3688	0.090	ng/ul	99
10) Acenaphthylene	14.365	152	16369	0.272	ng/ul	98
11) Acenaphthene	14.698	153	1834	0.035	ng/ul	95
12) Fluorene	15.684	166	1838	0.030	ng/ul#	79
15) Phenanthrene	17.430	178	42347	0.431	ng/ul	97
16) Anthracene	17.523	178	12154	0.148	ng/ul#	87
19) Fluoranthene	19.441	202	113916	1.071	ng/ul	99
20) Pyrene	19.808	202	120756	1.102	ng/ul	100
21) Benzo(a)anthracene	21.554	228	57699	0.567	ng/ul#	90
22) Chrysene	21.609	228	72297m	0.687	ng/ul	
24) Benzo(b)fluoranthene	23.293	252	100147m	0.957	ng/ul	
25) Benzo(k)fluoranthene	23.343	252	32703m	0.322	ng/ul	
26) Benzo(a)pyrene	23.954	252	55868	0.664	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	26.686	276	45974	0.426	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.696	278	10880	0.125	ng/ul#	1
29) Benzo(g,h,i)perylene	27.515	276	51283	0.560	ng/ul#	89

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

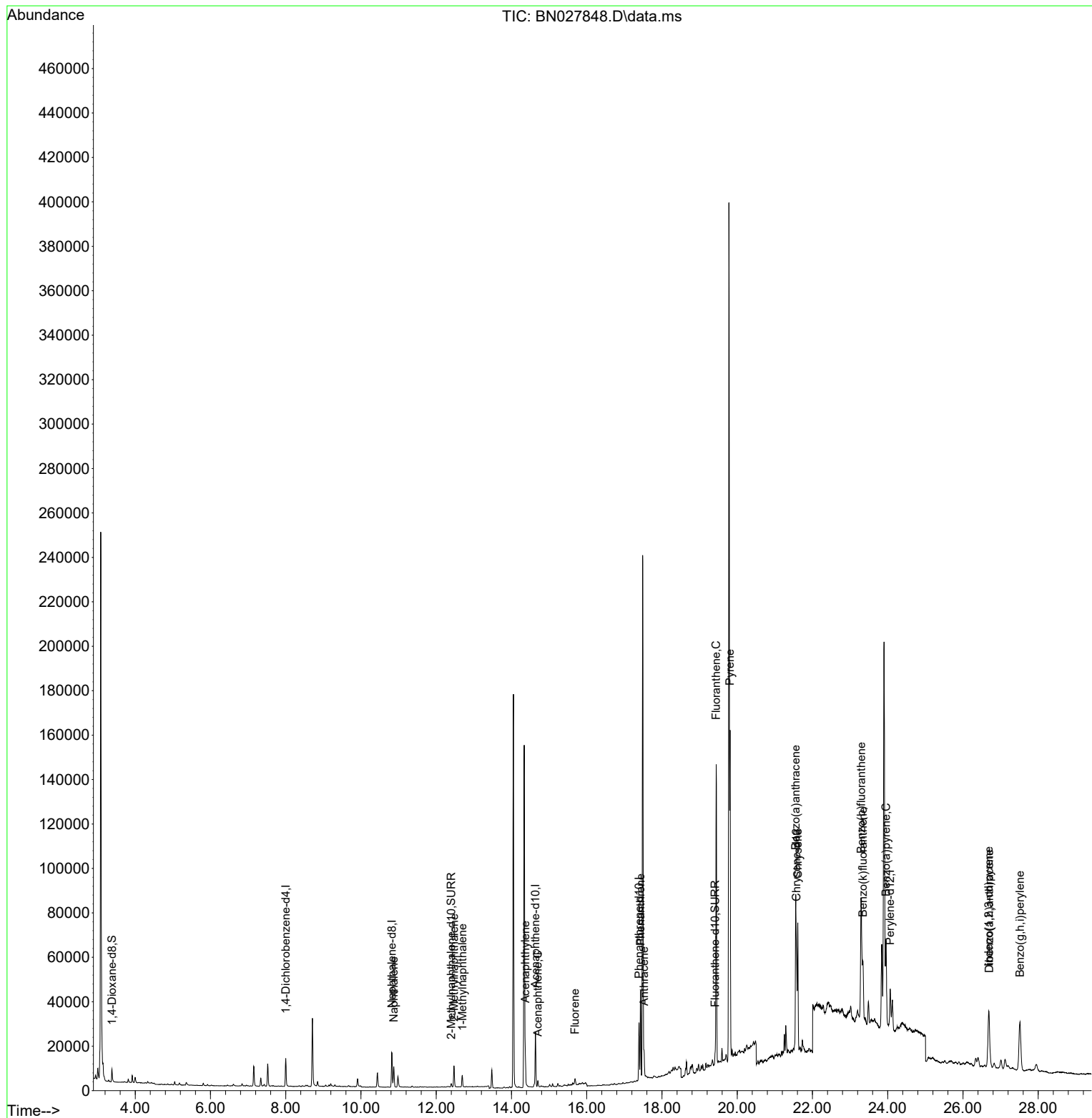
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027848.D
Acq On : 23 Sep 2023 06:07
Operator : MA/JU
Sample : 04330-06DL 5X
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ALS Vial : 68 Sample Multiplier: 1

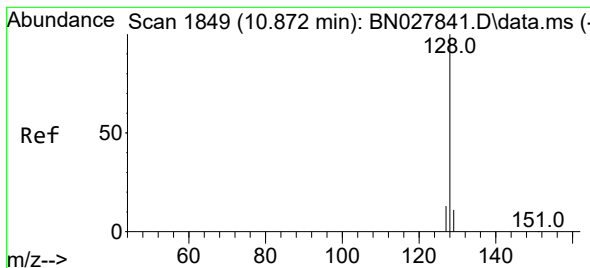
Instrument :
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Supervised By :mohammad ahmed 09/25/2023

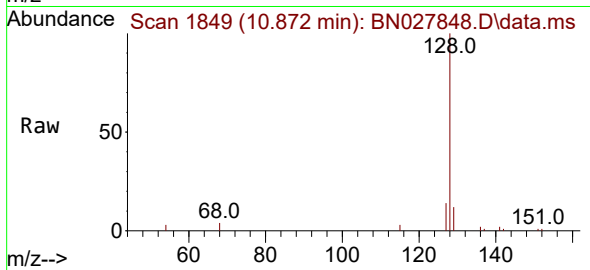
Quant Time: Sep 25 00:47:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.203 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

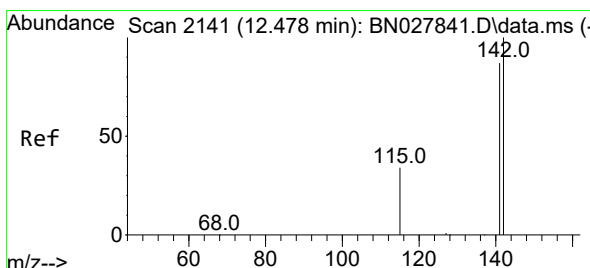
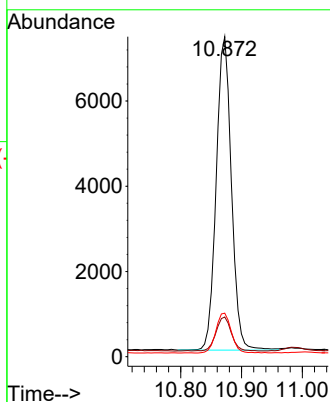
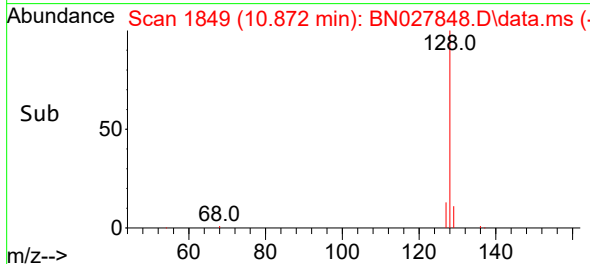
Instrument :
BNA_N
ClientSampleId :
EZYX7DL



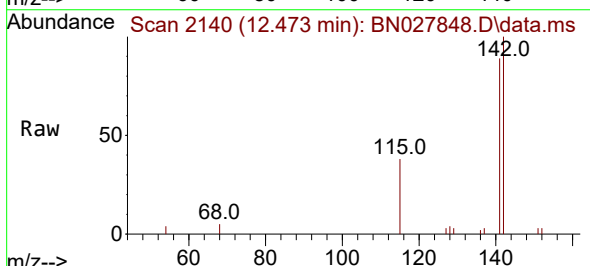
Tgt Ion:128 Resp: 12780
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 13.6 10.7 16.1

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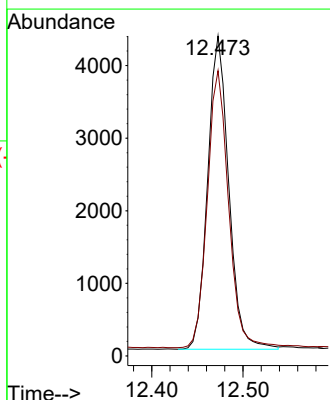
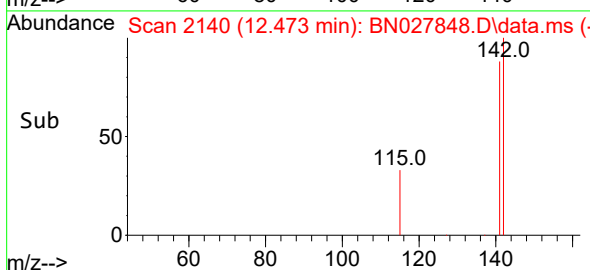
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

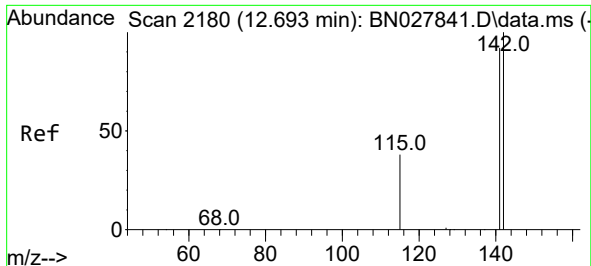


#7
2-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07



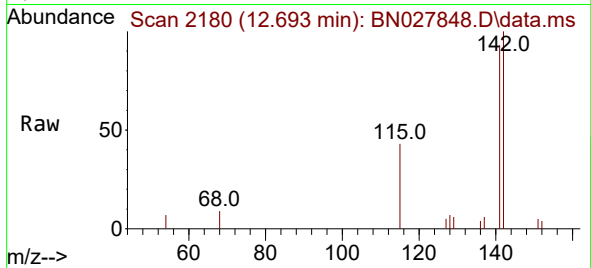
Tgt Ion:142 Resp: 6952
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

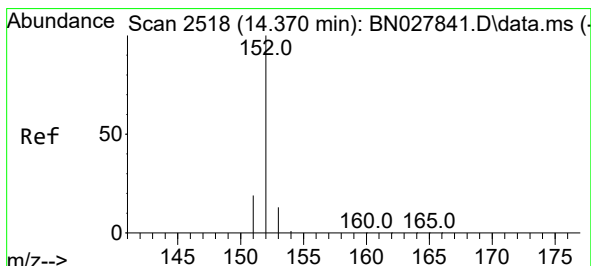
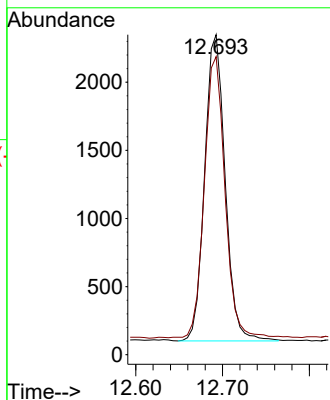
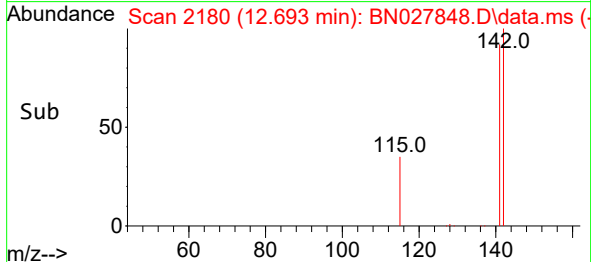
Instrument :
BNA_N
ClientSampleId :
EZYX7DL



Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
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141 91.9 72.8 109.2

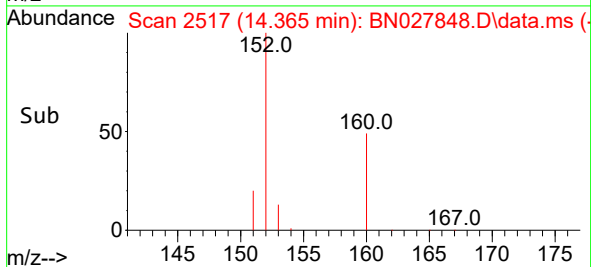
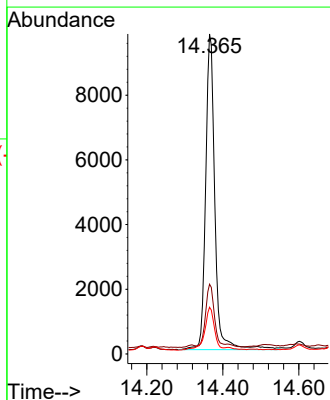
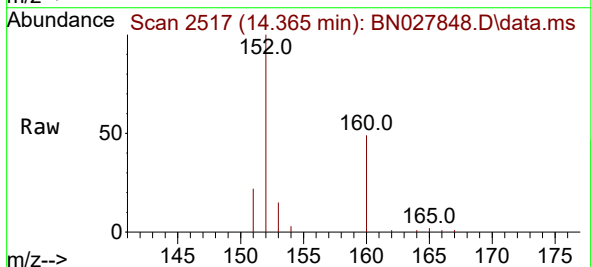
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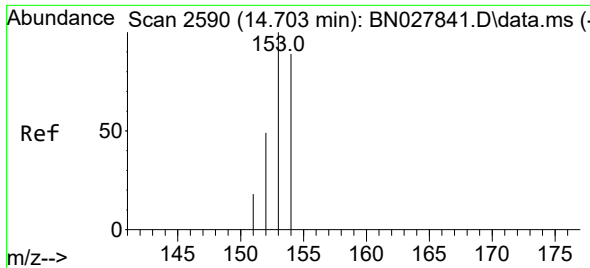
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.272 ng/ul
RT: 14.365 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

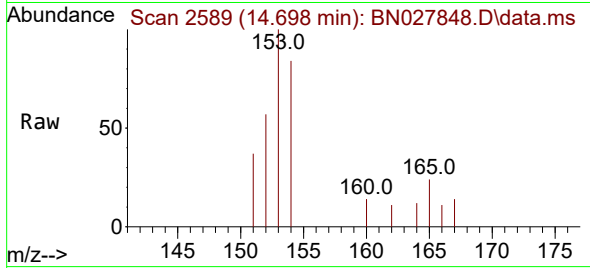
Tgt Ion:152 Resp: 16369
Ion Ratio Lower Upper
152 100
151 21.8 16.6 25.0
153 14.6 11.0 16.6





#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.698 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

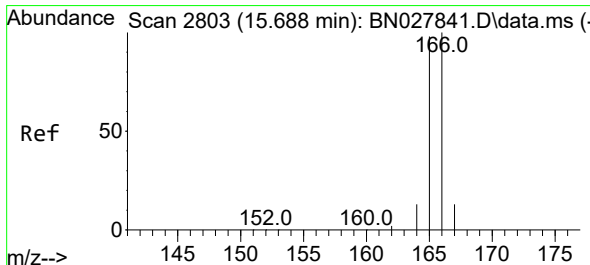
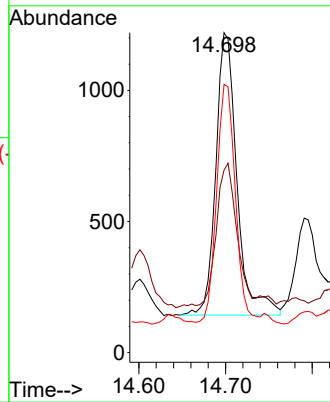
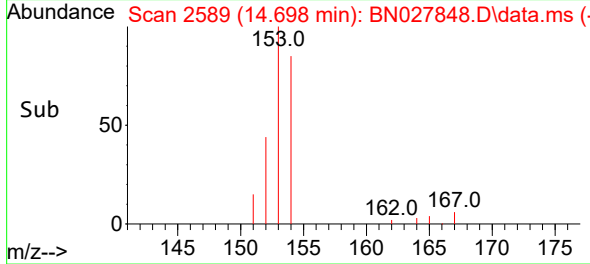
Instrument :
BNA_N
ClientSampleId :
EZYX7DL



Tgt Ion:153 Resp: 1834
Ion Ratio Lower Upper
153 100
152 57.0 41.7 62.5
154 83.9 70.3 105.5

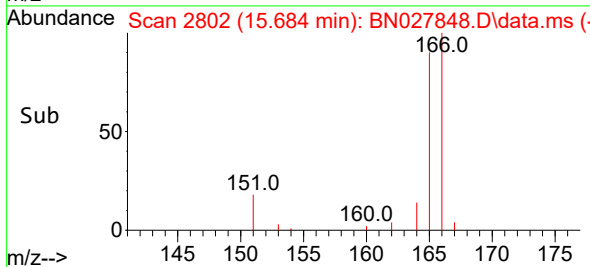
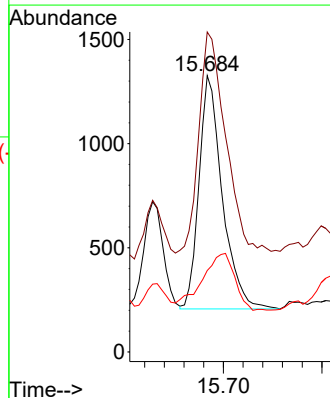
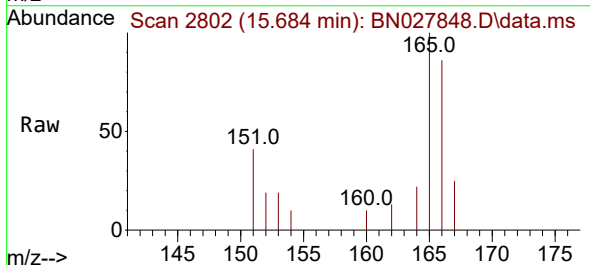
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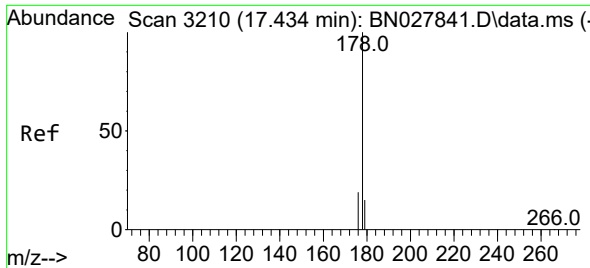
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.684 min Scan# 2802
Delta R.T. -0.005 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

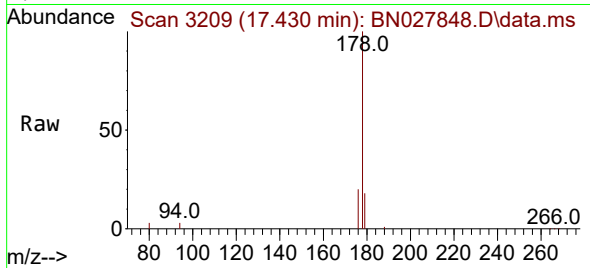
Tgt Ion:166 Resp: 1838
Ion Ratio Lower Upper
166 100
165 115.8 78.0 117.0
167 29.5 11.4 17.2#





#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 17.430 min Scan# 3210
Delta R.T. -0.004 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

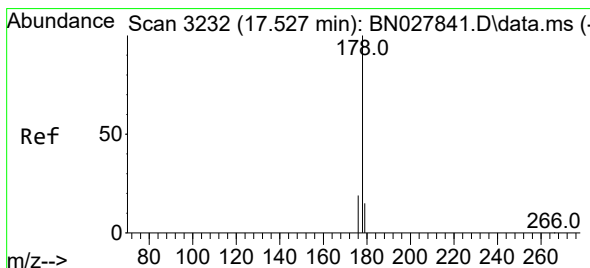
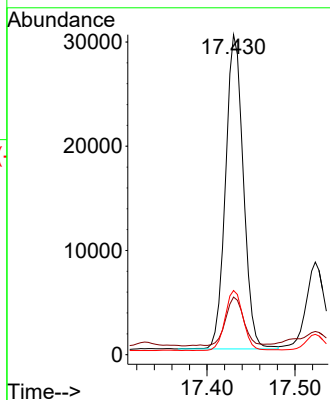
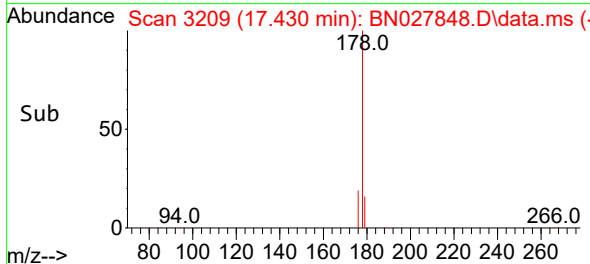
Instrument :
BNA_N
ClientSampleId :
EZYX7DL



Tgt Ion:178 Resp: 4234
Ion Ratio Lower Upper
178 100
179 18.0 12.4 18.6
176 20.1 16.0 24.0

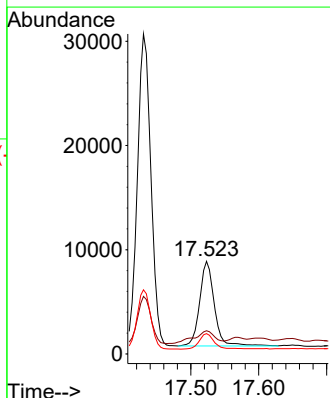
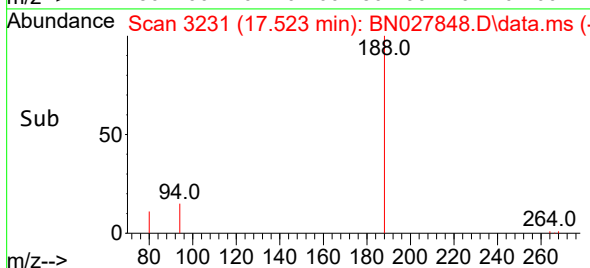
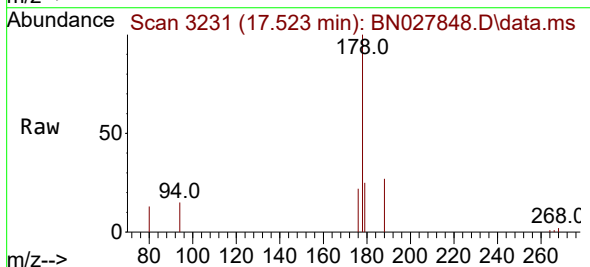
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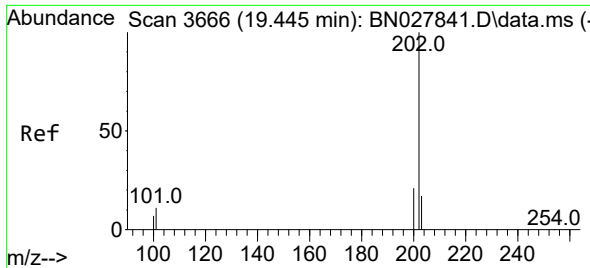
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.148 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

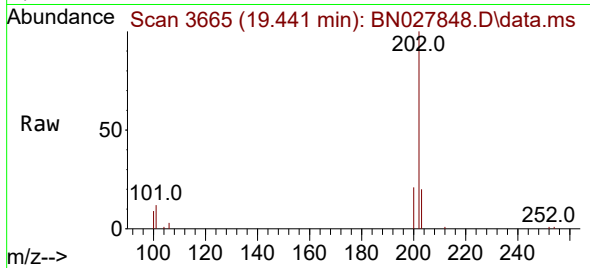
Tgt Ion:178 Resp: 12154
Ion Ratio Lower Upper
178 100
179 25.0 12.6 19.0#
176 21.9 15.5 23.3





#19
Fluoranthene
Concen: 1.071 ng/ul
RT: 19.441 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

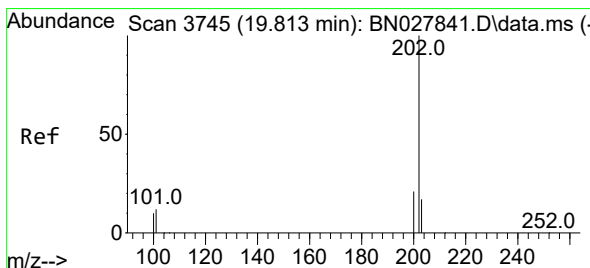
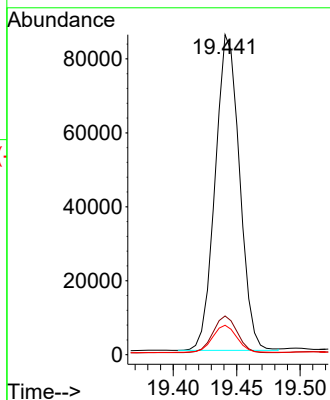
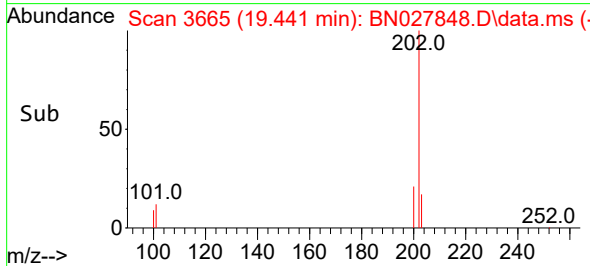
Instrument :
BNA_N
ClientSampleId :
EZYX7DL



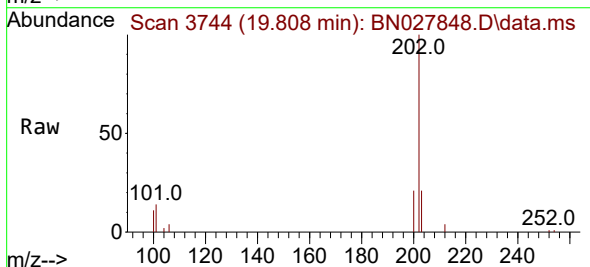
Tgt Ion:202 Resp: 113910
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 9.2 7.0 10.4

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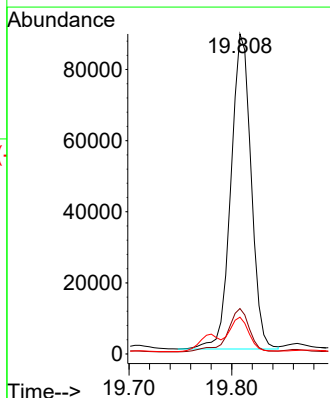
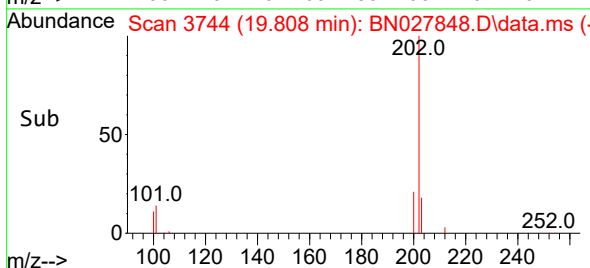
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

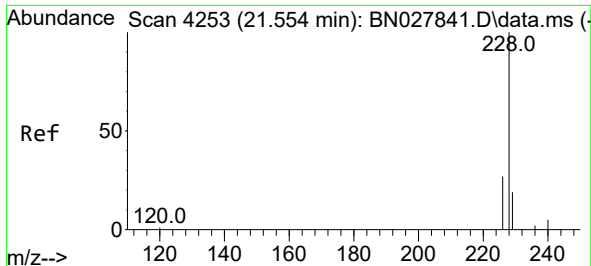


#20
Pyrene
Concen: 1.102 ng/ul
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07



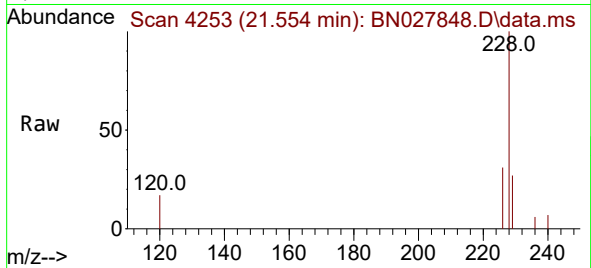
Tgt Ion:202 Resp: 120756
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.567 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

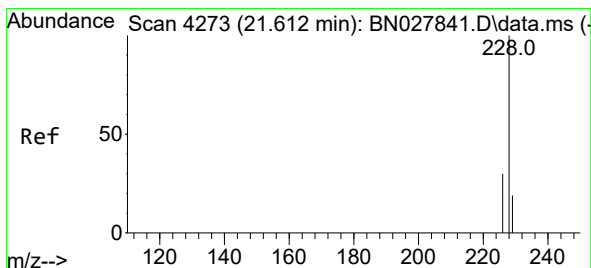
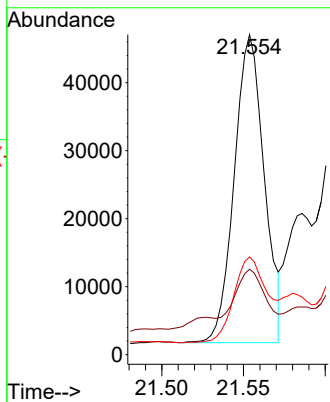
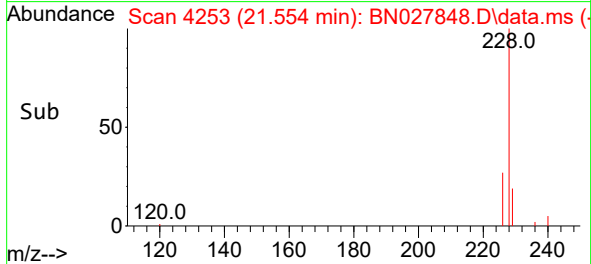
Instrument :
BNA_N
ClientSampleId :
EZYX7DL



Tgt Ion:228 Resp: 57699
Ion Ratio Lower Upper
228 100
229 26.7 15.8 23.8
226 30.6 22.0 33.0

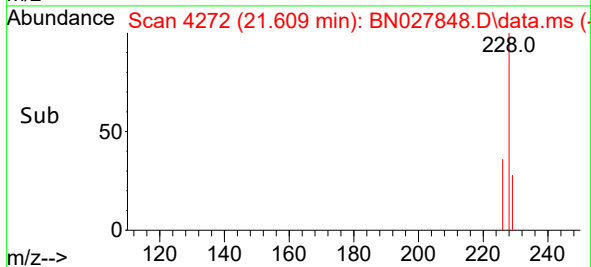
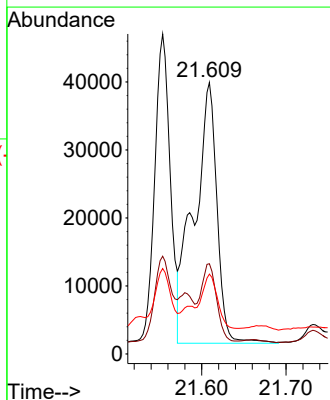
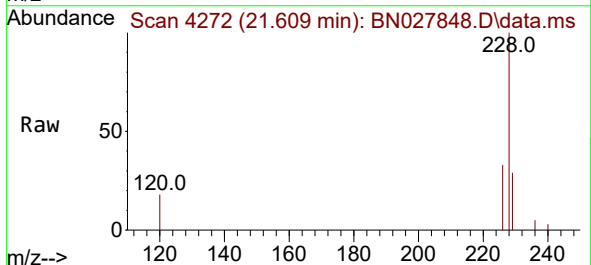
Manual Integrations
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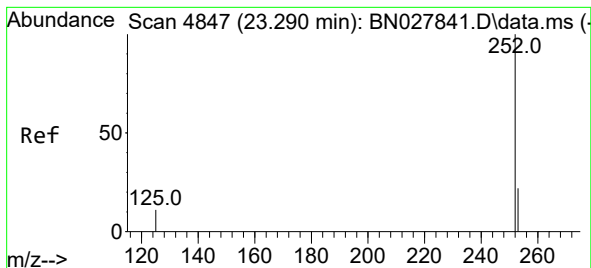
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#22
Chrysene
Concen: 0.687 ng/ul m
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

Tgt Ion:228 Resp: 72297
Ion Ratio Lower Upper
228 100
226 33.2 24.5 36.7
229 29.4 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.957 ng/ul m

RT: 23.293 min Scan# 4847

Delta R.T. 0.003 min

Lab File: BN027848.D

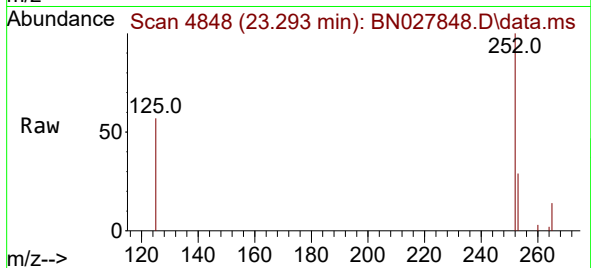
Acq: 23 Sep 2023 06:07

Instrument :

BNA_N

ClientSampleId :

EZYX7DL



Tgt Ion:252 Resp: 10014

Ion Ratio Lower Upper

252 100

253 28.5 0.0 50.2

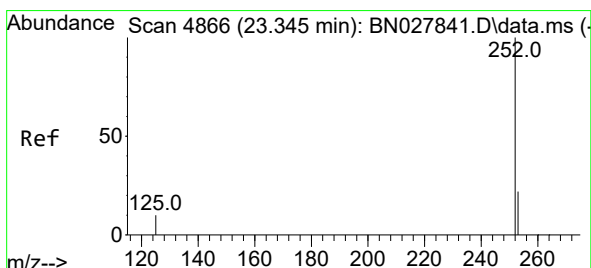
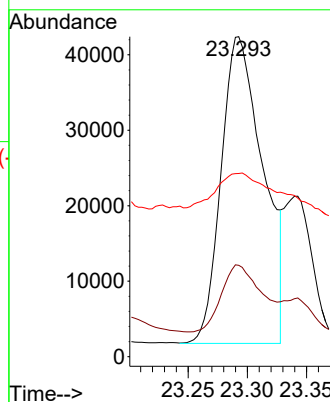
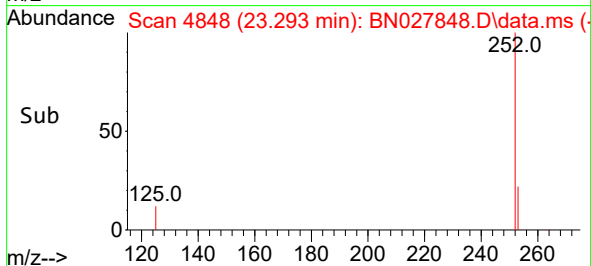
125 57.3 0.0 31.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#25

Benzo(k)fluoranthene

Concen: 0.322 ng/ul m

RT: 23.343 min Scan# 4865

Delta R.T. 0.000 min

Lab File: BN027848.D

Acq: 23 Sep 2023 06:07

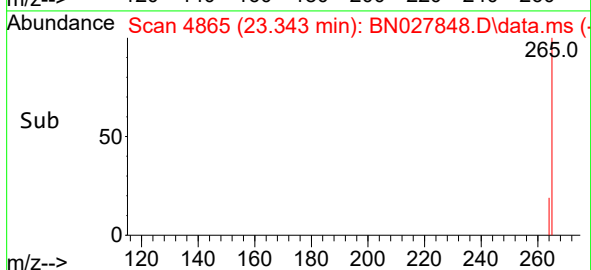
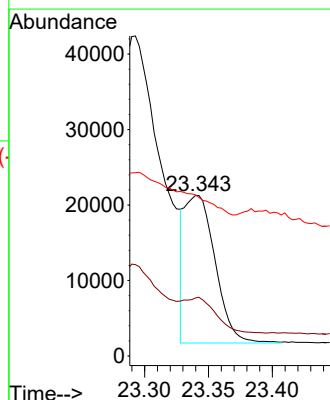
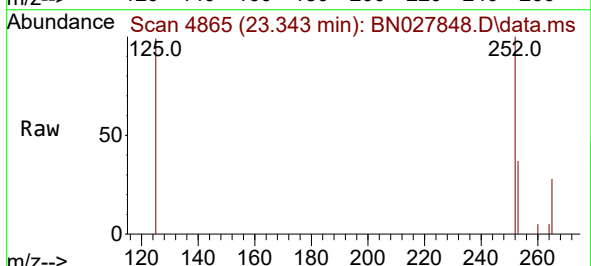
Tgt Ion:252 Resp: 32703

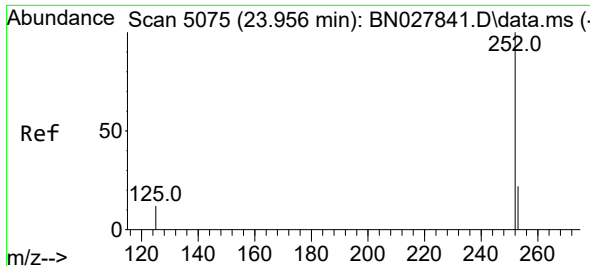
Ion Ratio Lower Upper

252 100

253 36.6 19.9 29.9#

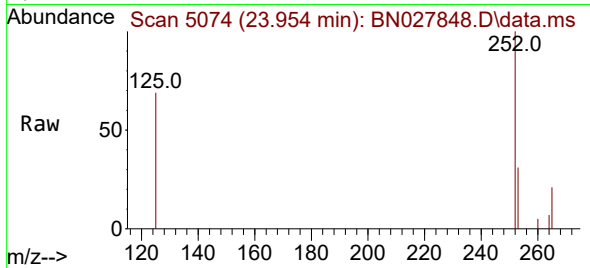
125 98.8 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.664 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07

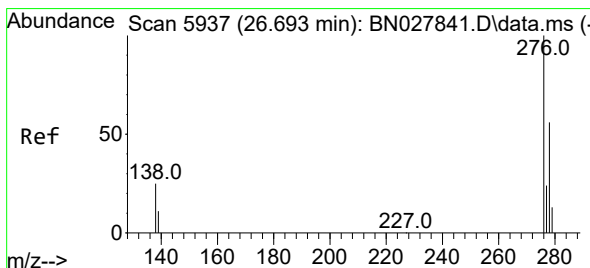
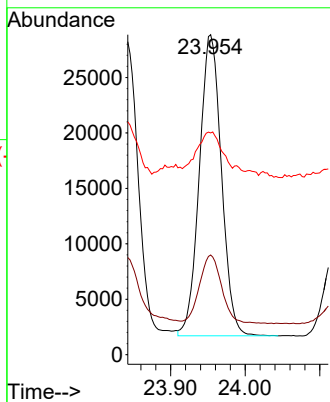
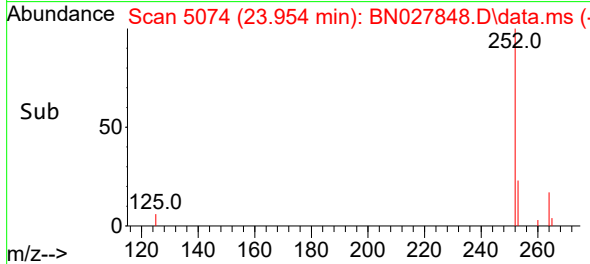
Instrument :
BNA_N
ClientSampleId :
EZYX7DL



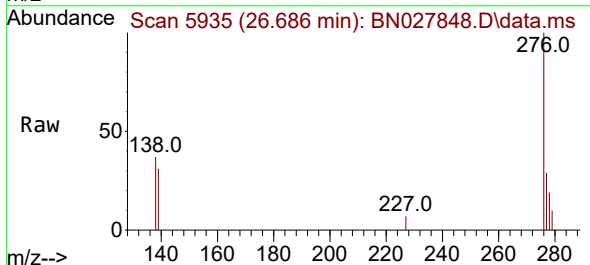
Tgt Ion:252 Resp: 5586
Ion Ratio Lower Upper
252 100
253 31.2 21.9 32.9
125 69.3 15.5 23.3

Manual Integrations
APPROVED

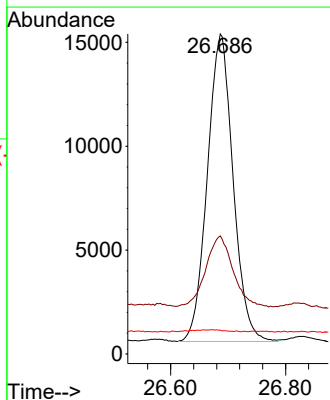
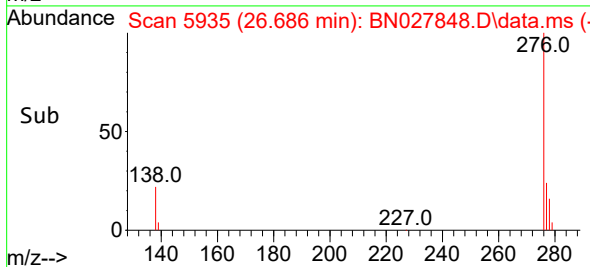
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

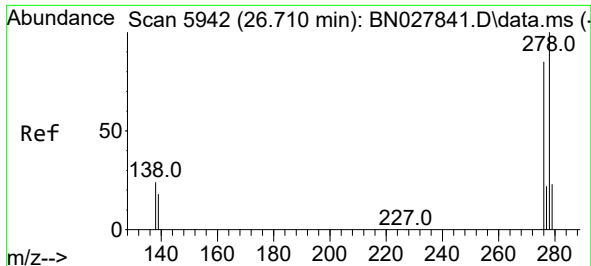


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 26.686 min Scan# 5935
Delta R.T. 0.003 min
Lab File: BN027848.D
Acq: 23 Sep 2023 06:07



Tgt Ion:276 Resp: 45974
Ion Ratio Lower Upper
276 100
138 24.6 24.3 36.5
227 0.9 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.125 ng/ul

RT: 26.696 min Scan# 5938

Delta R.T. -0.010 min

Lab File: BN027848.D

Acq: 23 Sep 2023 06:07

Instrument :

BNA_N

ClientSampleId :

EZYX7DL

Tgt Ion:278 Resp: 10880

Ion Ratio Lower Upper

278 100

139 159.0 17.2 25.8

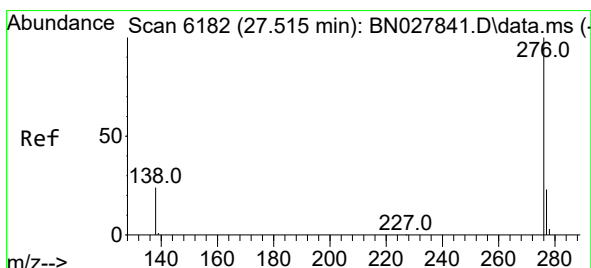
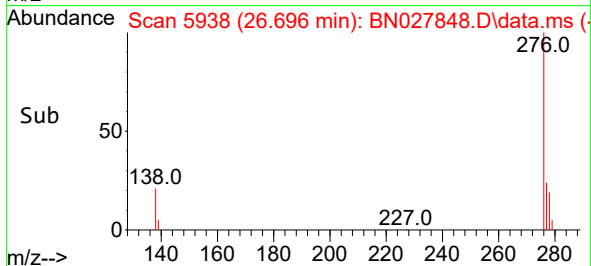
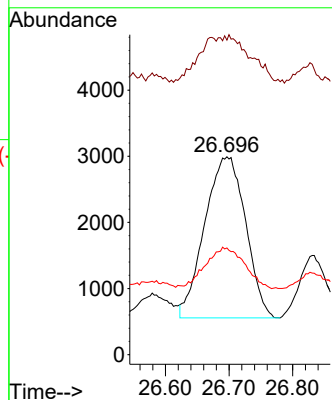
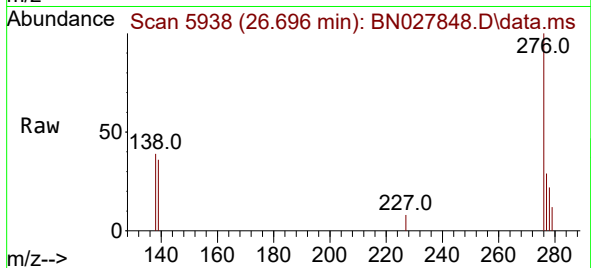
279 53.9 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#29

Benzo(g,h,i)perylene

Concen: 0.560 ng/ul

RT: 27.515 min Scan# 6182

Delta R.T. 0.010 min

Lab File: BN027848.D

Acq: 23 Sep 2023 06:07

Tgt Ion:276 Resp: 51283

Ion Ratio Lower Upper

276 100

138 35.5 21.7 32.5

277 27.4 20.2 30.2

