

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025806.D
 Acq On : 13 Jun 2023 14:55
 Operator : MA/JU
 Sample : 02950-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW980

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 13 23:17:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	9402	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	29006	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	17409	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	33756	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240	16893	0.400	ng/ul	0.00
23) Perylene-d12	24.039	264	17014	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	39341	4.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.402	152	11081	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	22924	0.430	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.868	128	10736	0.146	ng/ul	98
7) 2-Methylnaphthalene	12.474	142	4824	0.109	ng/ul	100
8) 1-Methylnaphthalene	12.694	142	3641	0.075	ng/ul	97
10) Acenaphthylene	14.361	152	30932	0.449	ng/ul#	93
11) Acenaphthene	14.699	153	53744	0.936	ng/ul	99
12) Fluorene	15.685	166	15362	0.240	ng/ul#	95
15) Phenanthrene	17.422	178	55588	0.565	ng/ul	98
16) Anthracene	17.515	178	43096	0.518	ng/ul	98
19) Fluoranthene	19.437	202	254675	3.296	ng/ul	99
20) Pyrene	19.799	202	366232	4.579	ng/ul	99
21) Benzo(a)anthracene	21.548	228	126819	2.354	ng/ul	94
22) Chrysene	21.604	228	137853	2.238	ng/ul	97
24) Benzo(b)fluoranthene	23.282	252	113900m	1.637	ng/ul	
25) Benzo(k)fluoranthene	23.326	252	30870m	0.442	ng/ul	
26) Benzo(a)pyrene	23.928	252	114091	1.934	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.620	276	57960	0.862	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.627	278	16583	0.326	ng/ul	95
29) Benzo(g,h,i)perylene	27.415	276	62702	1.039	ng/ul	99

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

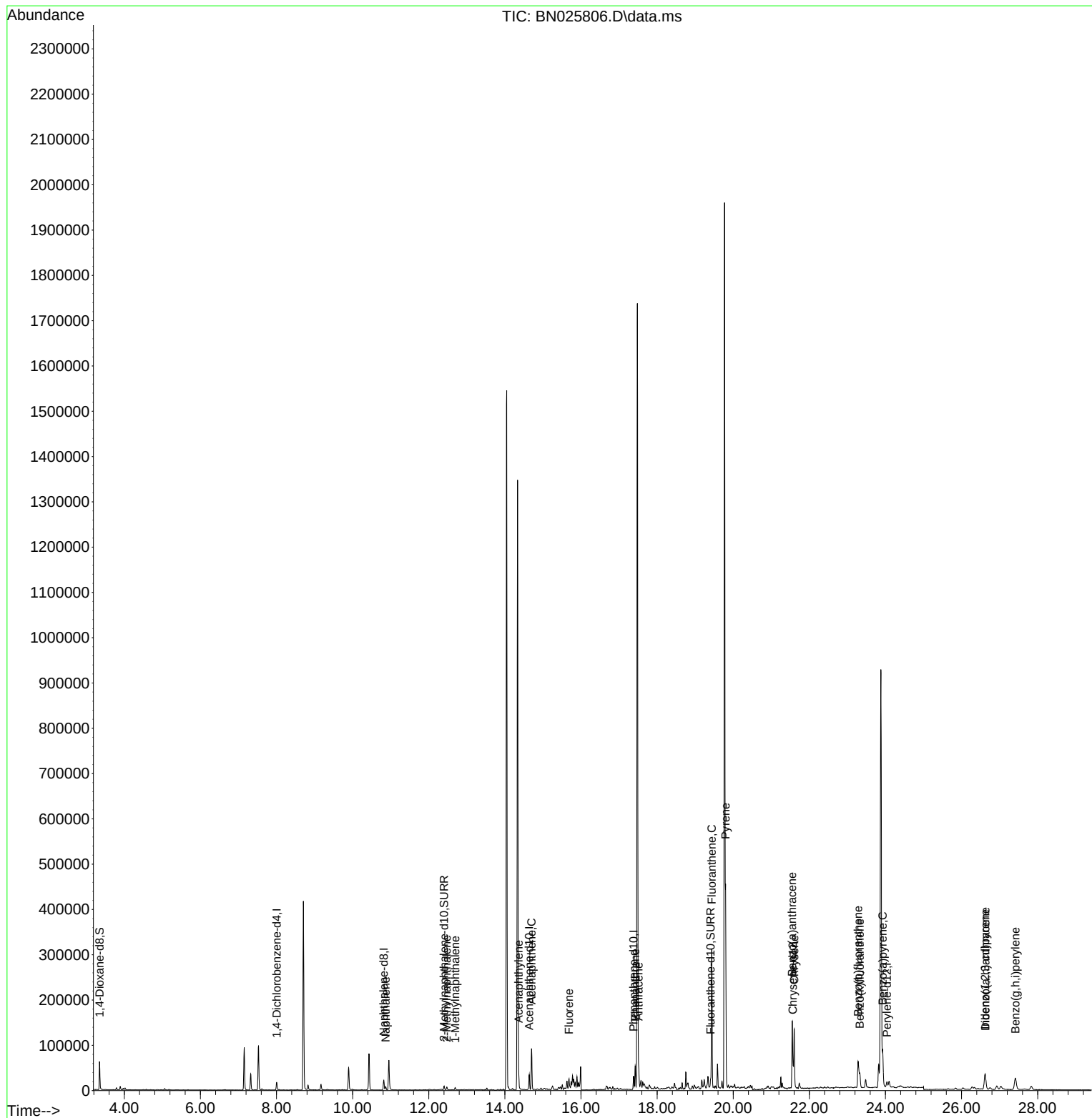
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025806.D
Acq On : 13 Jun 2023 14:55
Operator : MA/JU
Sample : 02950-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

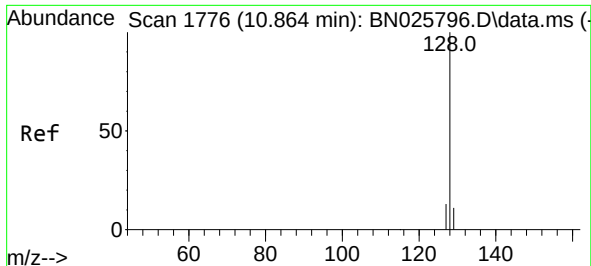
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Supervised By :mohammad ahmed 06/14/2023

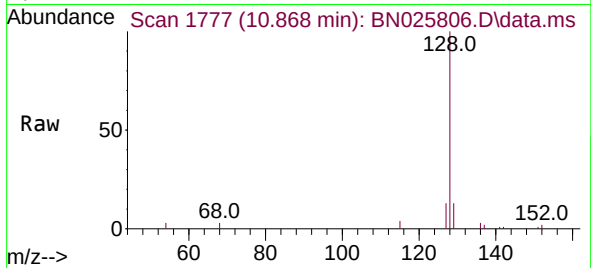
Quant Time: Jun 13 23:17:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.146 ng/ul
RT: 10.868 min Scan# 1776
Delta R.T. -0.007 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

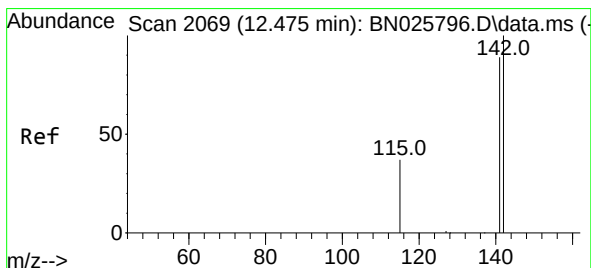
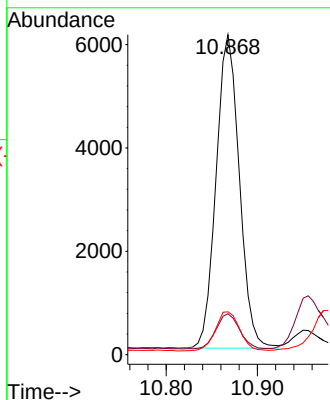
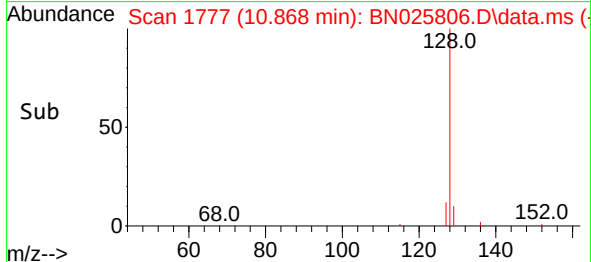
Instrument :
BNA_N
ClientSampleId :
EW980



Tgt Ion:128 Resp: 10730
Ion Ratio Lower Upper
128 100
129 12.8 9.1 13.7
127 13.4 10.5 15.7

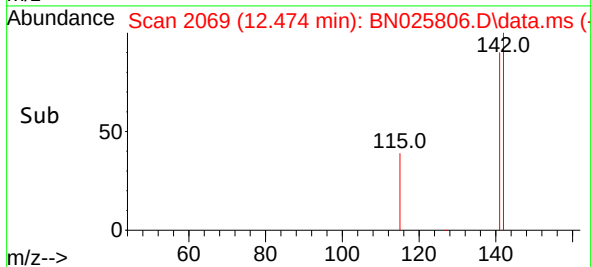
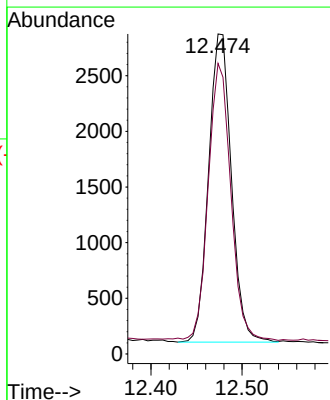
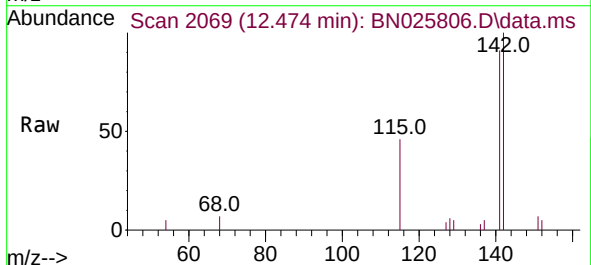
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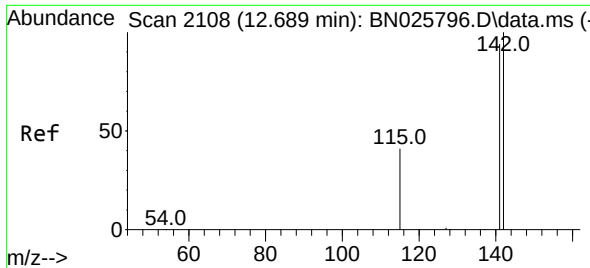
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.474 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

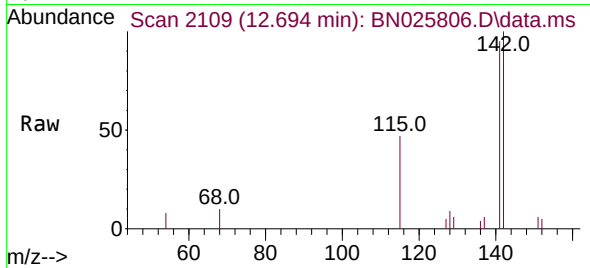
Tgt Ion:142 Resp: 4824
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.694 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

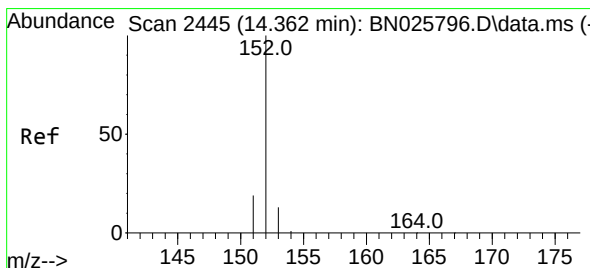
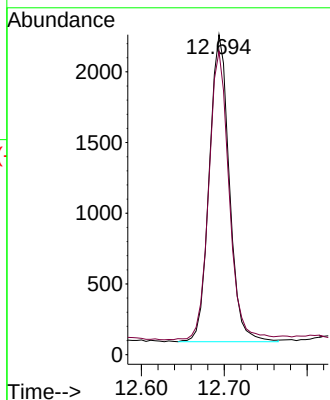
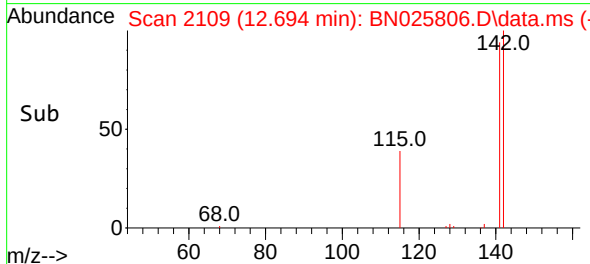
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 364
Ion Ratio Lower Upper
142 100
141 95.4 74.0 111.0

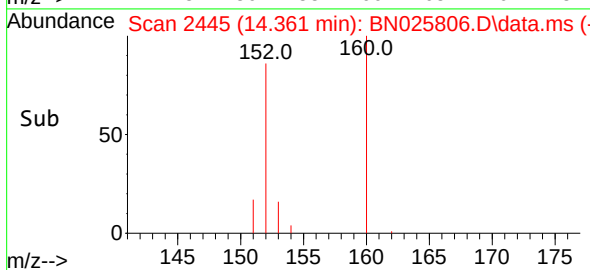
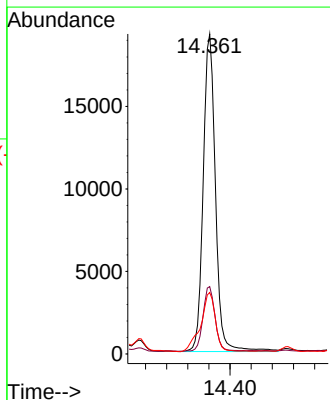
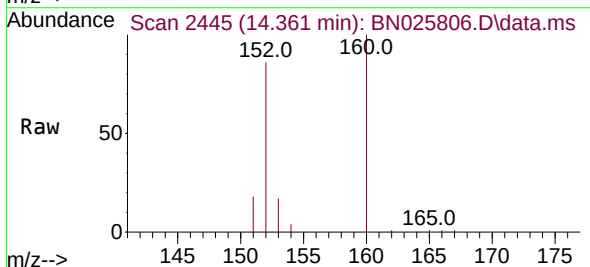
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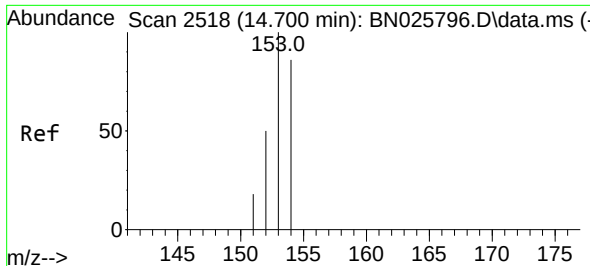
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

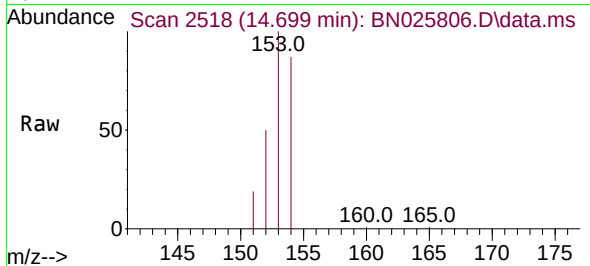
Tgt Ion:152 Resp: 30932
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 19.2 10.7 16.1#





#11
Acenaphthene
Concen: 0.936 ng/ul
RT: 14.699 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

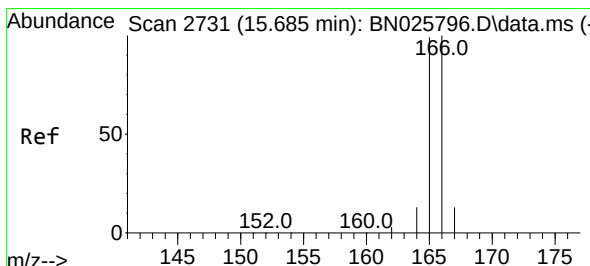
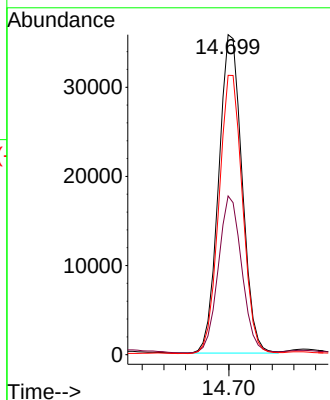
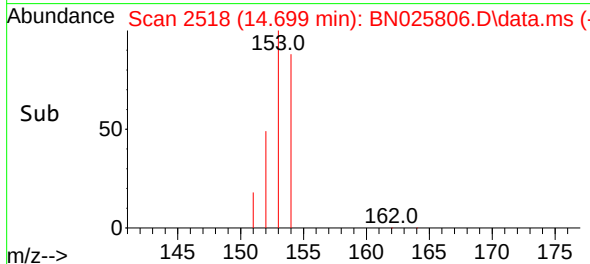
Instrument :
BNA_N
ClientSampleId :
EW980



Tgt Ion:153 Resp: 53744
Ion Ratio Lower Upper
153 100
152 49.6 39.5 59.3
154 87.3 68.8 103.2

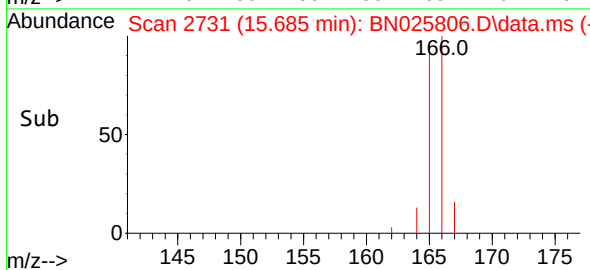
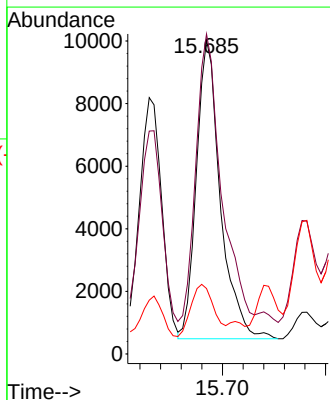
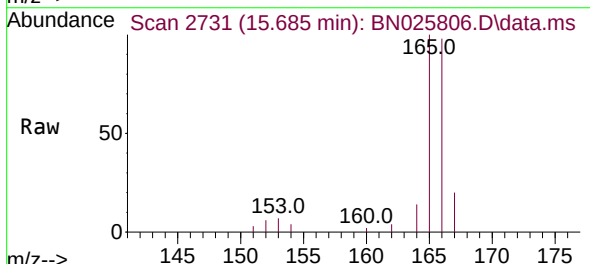
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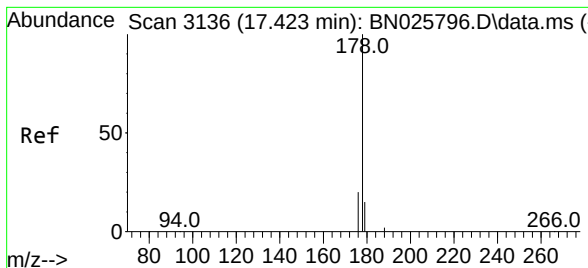
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.240 ng/ul
RT: 15.685 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

Tgt Ion:166 Resp: 15362
Ion Ratio Lower Upper
166 100
165 101.9 79.2 118.8
167 20.9 11.0 16.6#





#15

Phenanthrene

Concen: 0.565 ng/ul

RT: 17.422 min Scan# 3136

Delta R.T. -0.009 min

Lab File: BN025806.D

Acq: 13 Jun 2023 14:55

Instrument :

BNA_N

ClientSampleId :

EW980

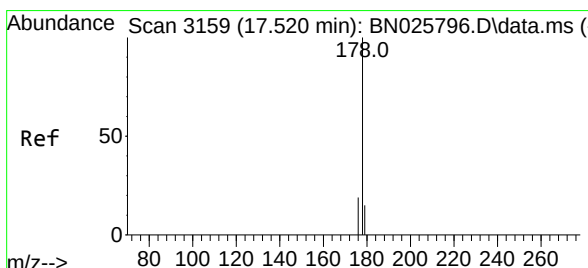
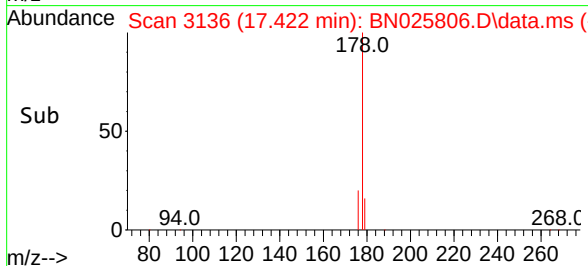
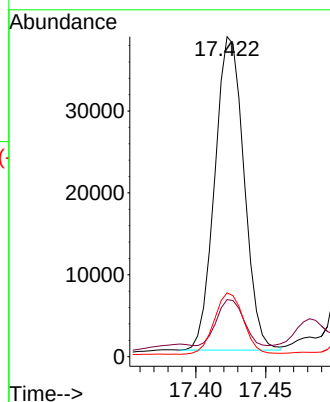
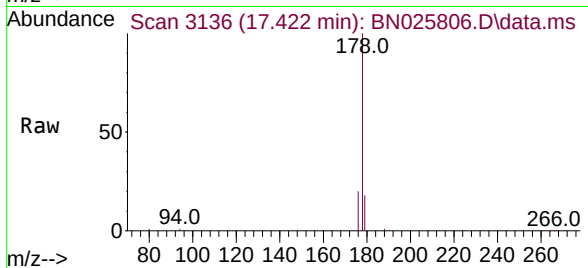
Tgt Ion:178	Resp:	5558
Ion Ratio	Lower	Upper
178	100	
179	17.8	12.6 18.8
176	20.0	15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#16

Anthracene

Concen: 0.518 ng/ul

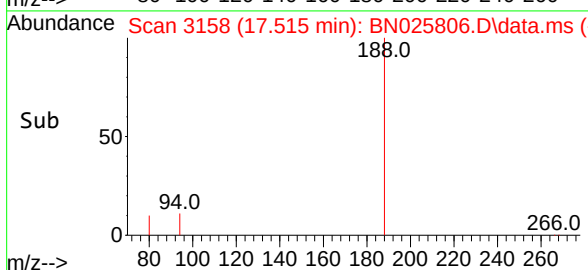
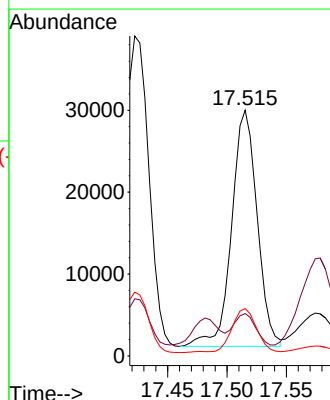
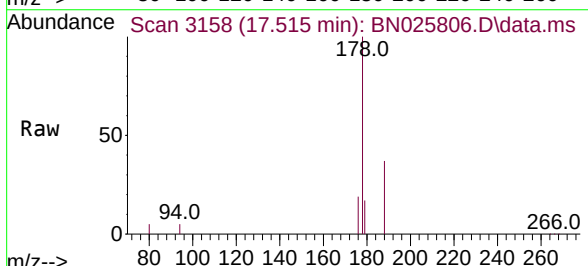
RT: 17.515 min Scan# 3158

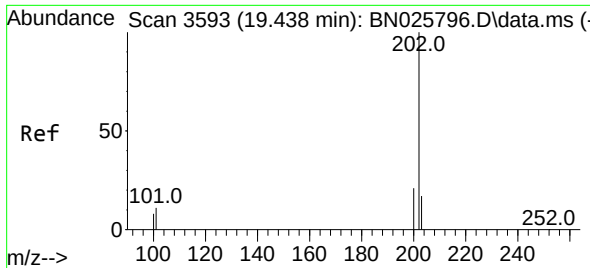
Delta R.T. -0.009 min

Lab File: BN025806.D

Acq: 13 Jun 2023 14:55

Tgt Ion:178	Resp:	43096
Ion Ratio	Lower	Upper
178	100	
179	17.2	12.6 19.0
176	19.3	15.4 23.2





#19

Fluoranthene

Concen: 3.296 ng/ul

RT: 19.437 min Scan# 3593

Delta R.T. -0.005 min

Lab File: BN025806.D

Acq: 13 Jun 2023 14:55

Instrument :

BNA_N

ClientSampleId :

EW980

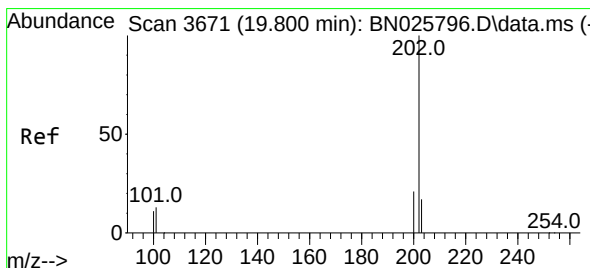
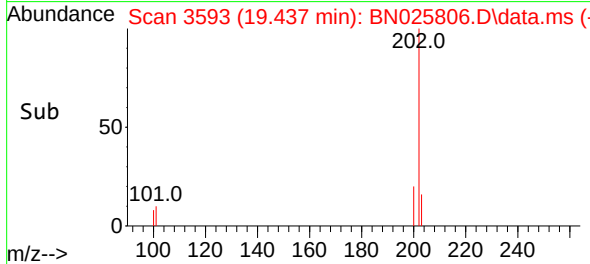
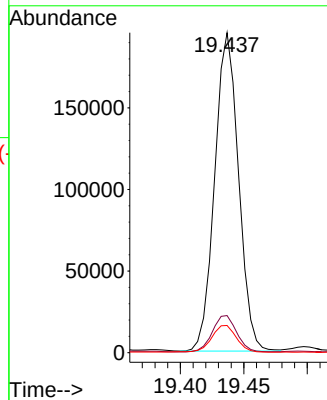
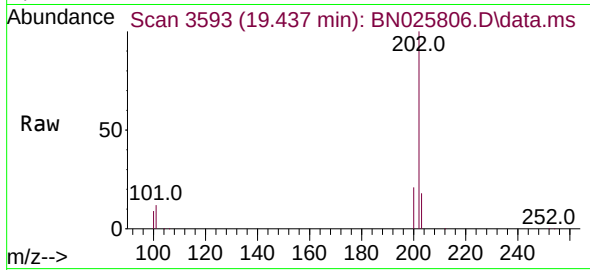
Tgt Ion:202 Resp: 254675
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.1 13.7
 100 8.5 7.0 10.6

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2023



#20

Pyrene

Concen: 4.579 ng/ul

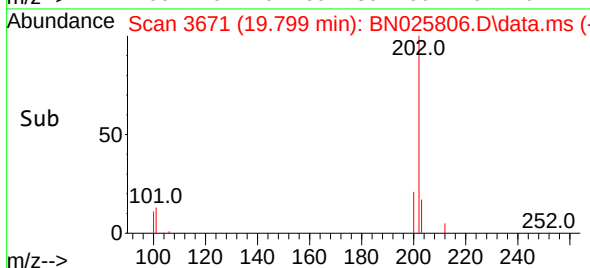
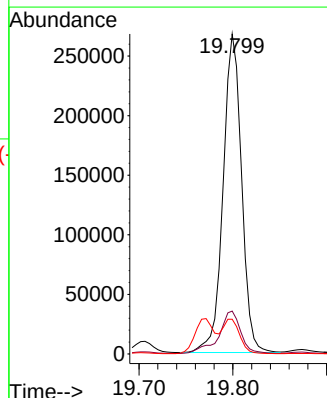
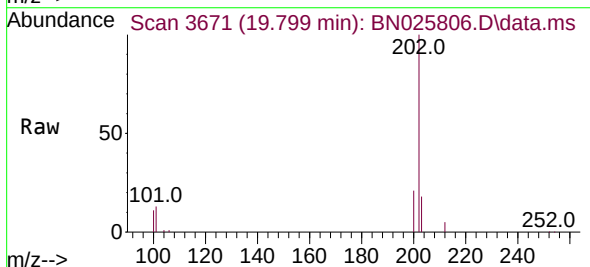
RT: 19.799 min Scan# 3671

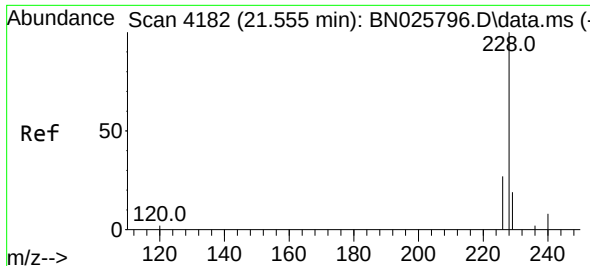
Delta R.T. -0.006 min

Lab File: BN025806.D

Acq: 13 Jun 2023 14:55

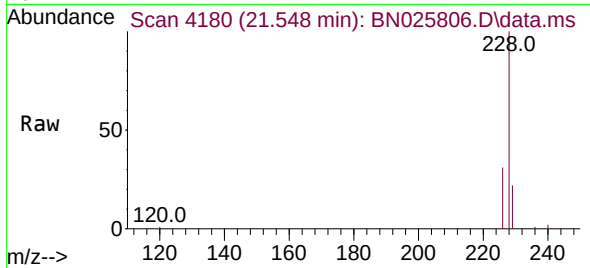
Tgt Ion:202 Resp: 366232
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.4 15.6
 100 10.8 8.8 13.2





#21
Benzo(a)anthracene
Concen: 2.354 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.004 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

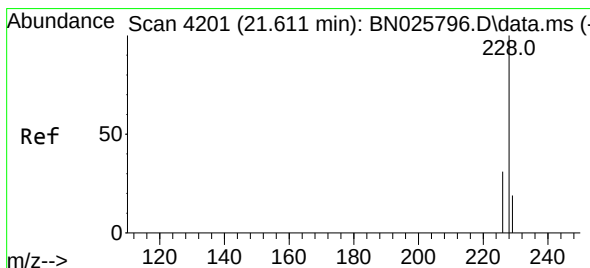
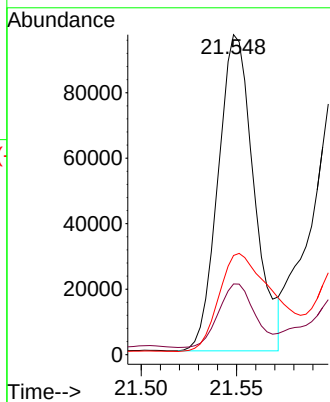
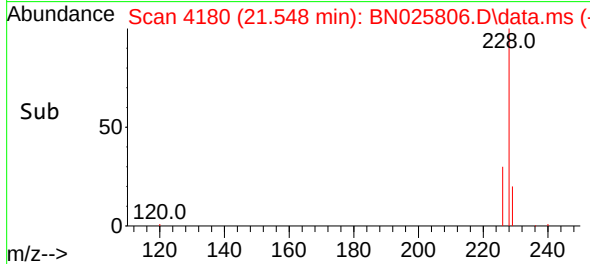
Instrument :
BNA_N
ClientSampleId :
EW980



Tgt Ion:228 Resp: 126819
Ion Ratio Lower Upper
228 100
229 22.1 15.5 23.3
226 31.0 22.0 33.0

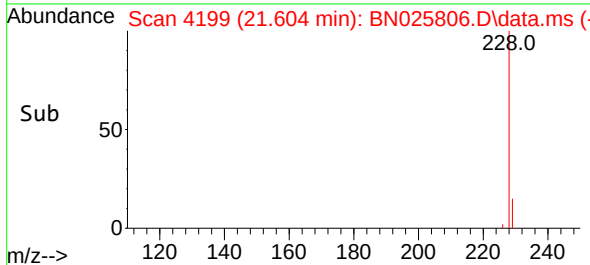
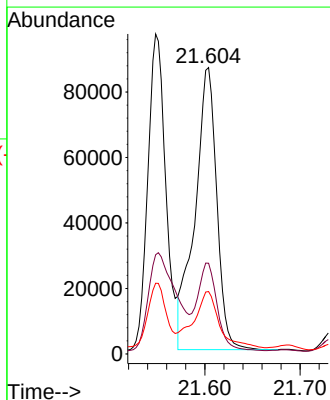
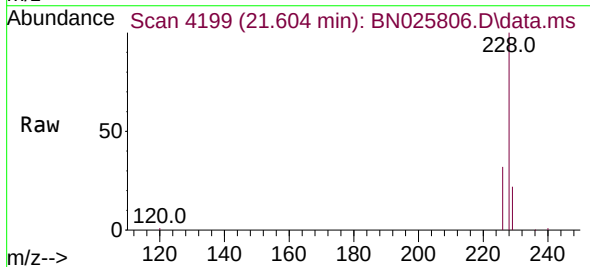
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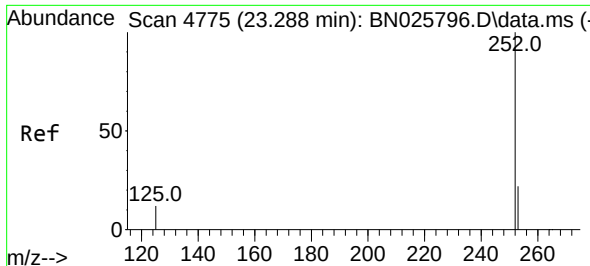
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 2.238 ng/ul
RT: 21.604 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

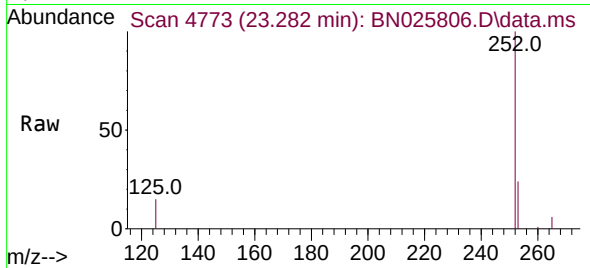
Tgt Ion:228 Resp: 137853
Ion Ratio Lower Upper
228 100
226 31.7 24.7 37.1
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.637 ng/ul m
RT: 23.282 min Scan# 4773
Delta R.T. -0.009 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

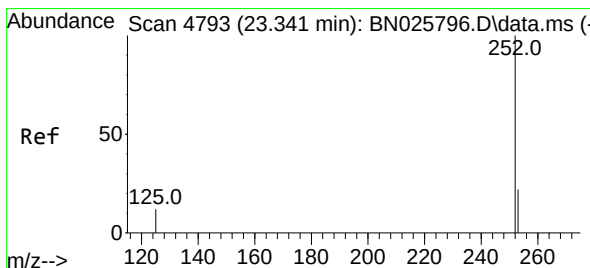
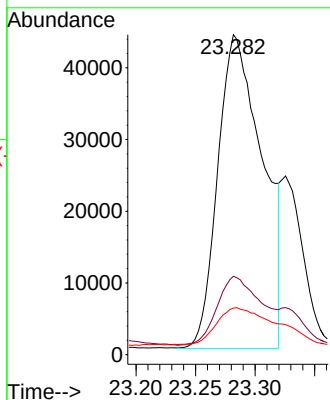
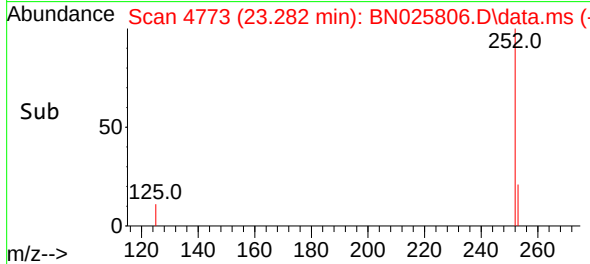
Instrument :
BNA_N
ClientSampleId :
EW980



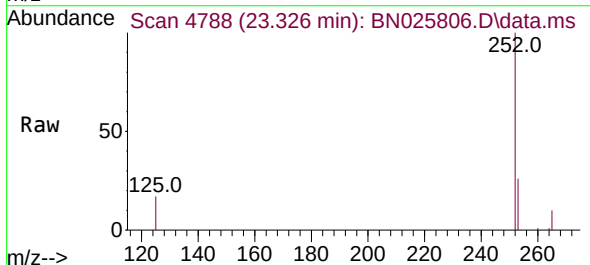
Tgt Ion:252 Resp: 113900
Ion Ratio Lower Upper
252 100
253 24.5 0.0 56.0
125 14.6 0.0 28.0

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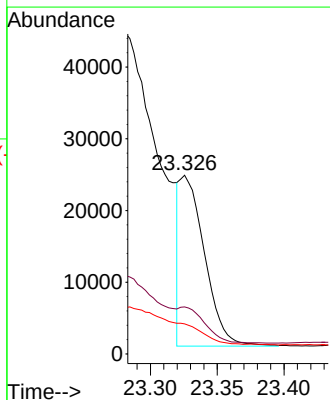
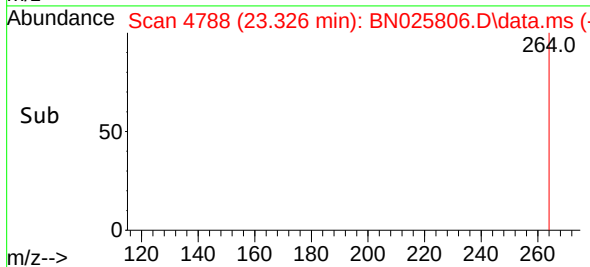
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

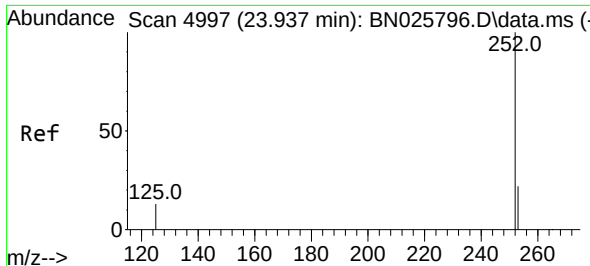


#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul m
RT: 23.326 min Scan# 4788
Delta R.T. -0.015 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55



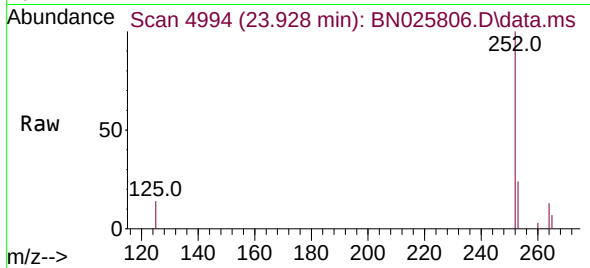
Tgt Ion:252 Resp: 30870
Ion Ratio Lower Upper
252 100
253 26.3 23.3 34.9
125 16.8 11.6 17.4





#26
Benzo(a)pyrene
Concen: 1.934 ng/ul
RT: 23.928 min Scan# 4994
Delta R.T. -0.015 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

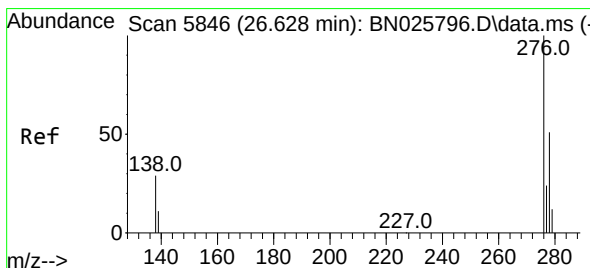
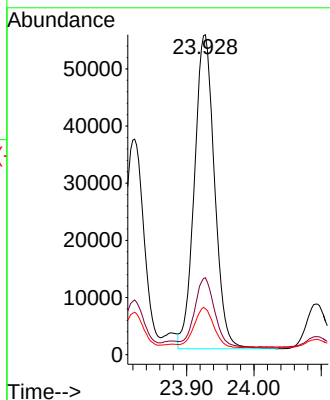
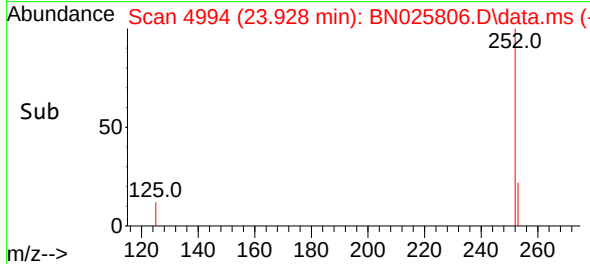
Instrument :
BNA_N
ClientSampleId :
EW980



Tgt Ion:252 Resp: 11409
Ion Ratio Lower Upper
252 100
253 24.1 25.8 38.8
125 14.4 13.5 20.3

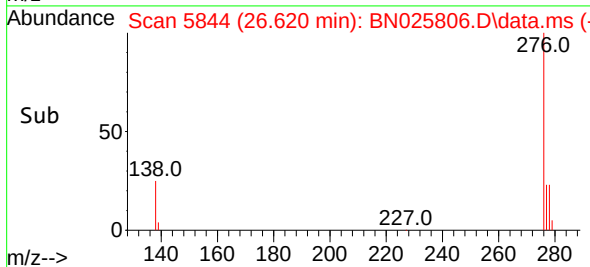
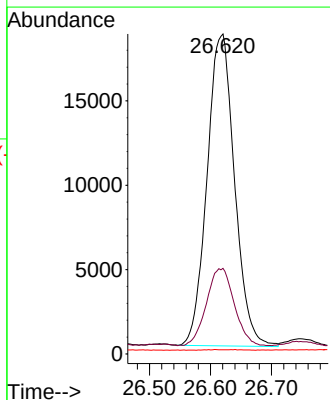
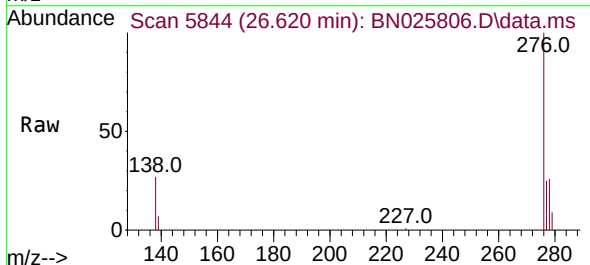
Manual Integrations
APPROVED

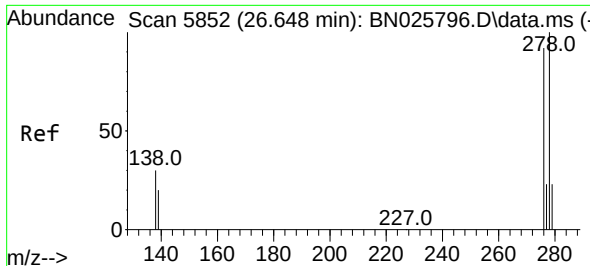
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.862 ng/ul
RT: 26.620 min Scan# 5844
Delta R.T. -0.038 min
Lab File: BN025806.D
Acq: 13 Jun 2023 14:55

Tgt Ion:276 Resp: 57960
Ion Ratio Lower Upper
276 100
138 25.4 24.6 36.8
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.326 ng/ul

RT: 26.627 min Scan# 5846

Delta R.T. -0.058 min

Lab File: BN025806.D

Acq: 13 Jun 2023 14:55

Instrument :

BNA_N

ClientSampleId :

EW980

Tgt Ion:278 Resp: 1658

Ion Ratio Lower Upper

278 100

139 25.7 17.9 26.9

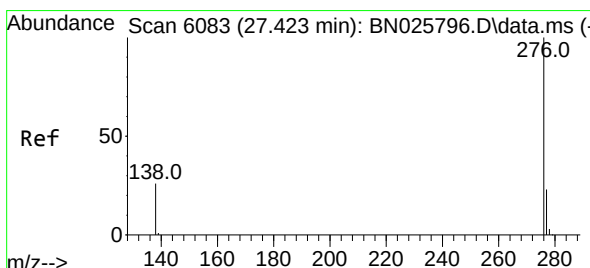
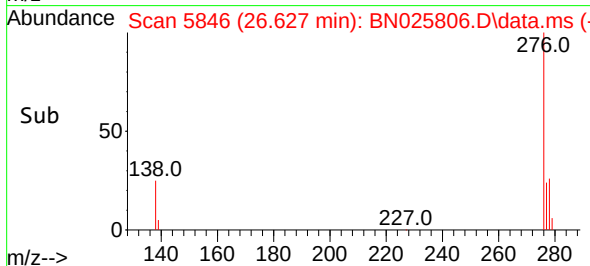
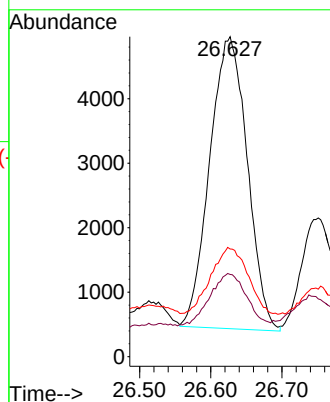
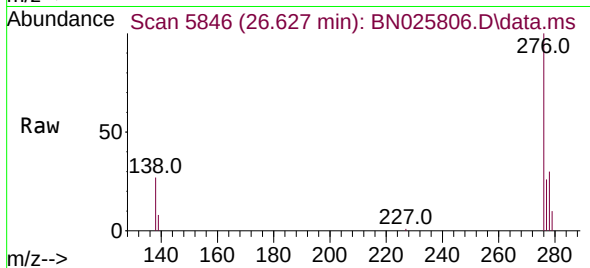
279 33.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#29

Benzo(g,h,i)perylene

Concen: 1.039 ng/ul

RT: 27.415 min Scan# 6081

Delta R.T. -0.034 min

Lab File: BN025806.D

Acq: 13 Jun 2023 14:55

Tgt Ion:276 Resp: 62702

Ion Ratio Lower Upper

276 100

138 26.5 21.8 32.8

277 24.4 19.4 29.2

