

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025835.D
 Acq On : 14 Jun 2023 10:34
 Operator : MA/JU
 Sample : 02950-07DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW984DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 18:43:04 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 : Wed Jun 14 18:25:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	9400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	28599	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.635	164	17497	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	33519	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	18761	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	16567	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6351	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	1720	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	3668	0.062	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.864	128	17365	0.239	ng/ul	98
7) 2-Methylnaphthalene	12.469	142	57931	1.323	ng/ul	100
8) 1-Methylnaphthalene	12.689	142	86421	1.795	ng/ul	100
10) Acenaphthylene	14.357	152	22529	0.326	ng/ul#	78
11) Acenaphthene	14.700	153	125108	2.168	ng/ul	98
12) Fluorene	15.680	166	98336	1.530	ng/ul	98
15) Phenanthrene	17.418	178	763050	7.806	ng/ul	99
16) Anthracene	17.511	178	185052	2.242	ng/ul	100
19) Fluoranthene	19.433	202	306431	3.571	ng/ul	98
20) Pyrene	19.795	202	446307	5.024	ng/ul	98
21) Benzo(a)anthracene	21.549	228	141413	2.364	ng/ul	94
22) Chrysene	21.602	228	156059	2.281	ng/ul	97
24) Benzo(b)fluoranthene	23.282	252	76130m	1.123	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	24324m	0.358	ng/ul	
26) Benzo(a)pyrene	23.923	252	83554	1.455	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.611	276	27073	0.413	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.621	278	9429	0.190	ng/ul#	87
29) Benzo(g,h,i)perylene	27.406	276	27014	0.460	ng/ul	97

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

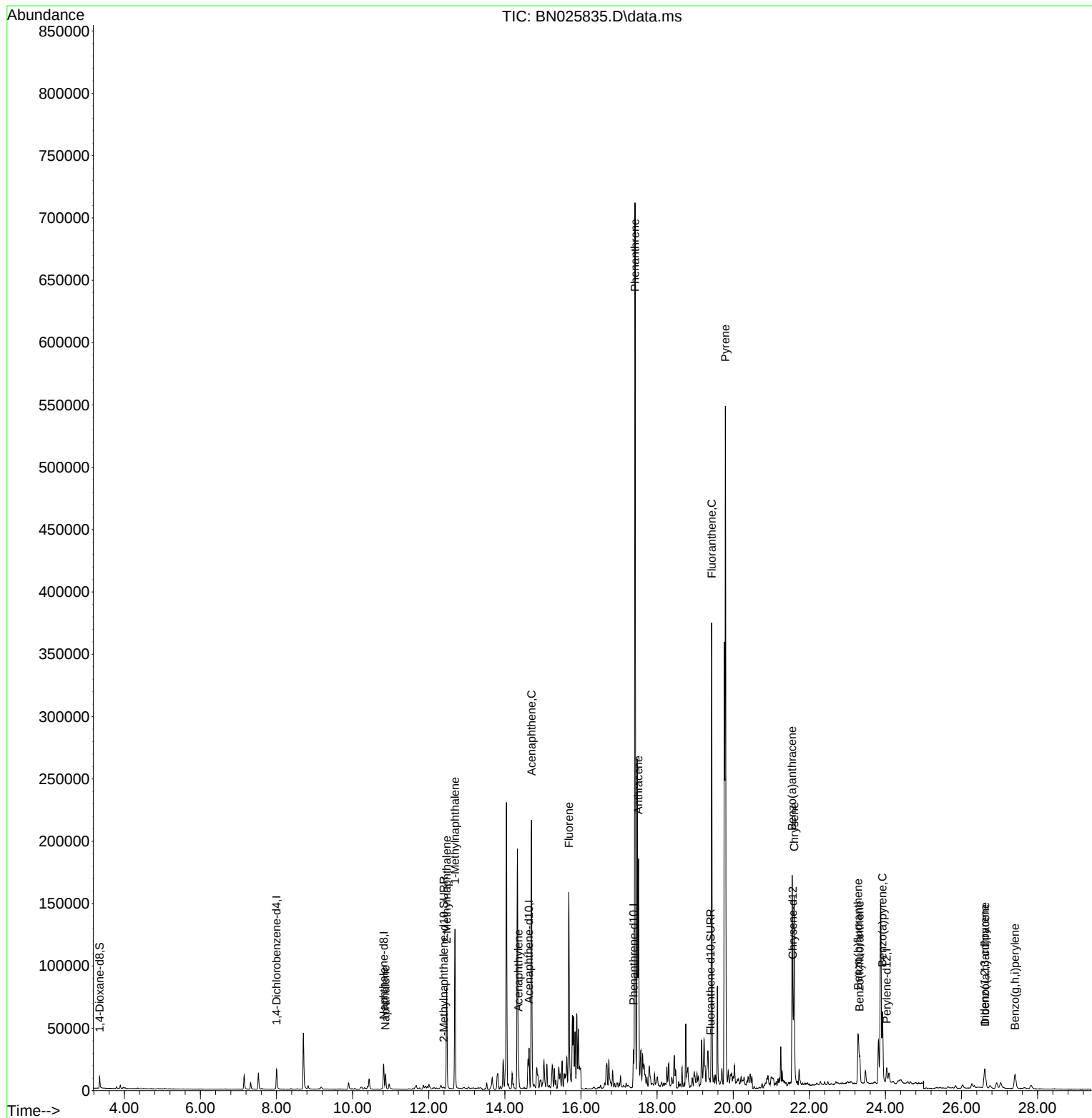
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025835.D
Acq On : 14 Jun 2023 10:34
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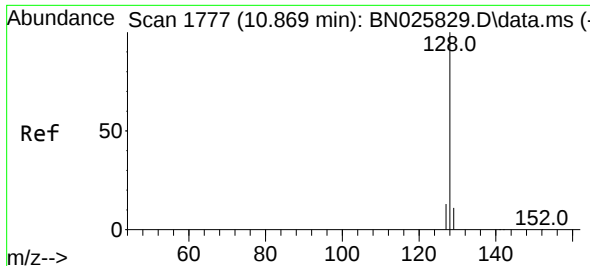
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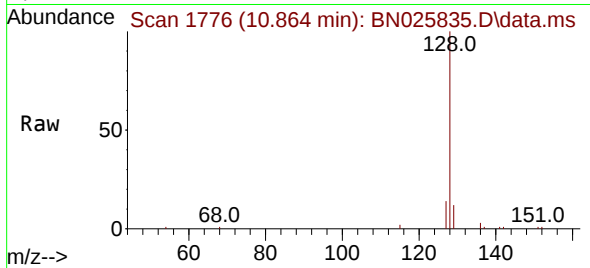
Quant Time: Jun 14 18:43:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 18:25:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.239 ng/ul
RT: 10.864 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

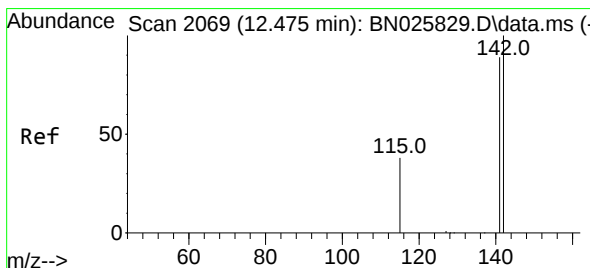
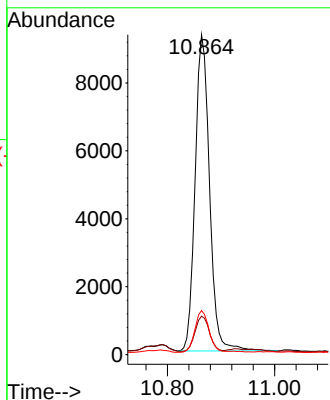
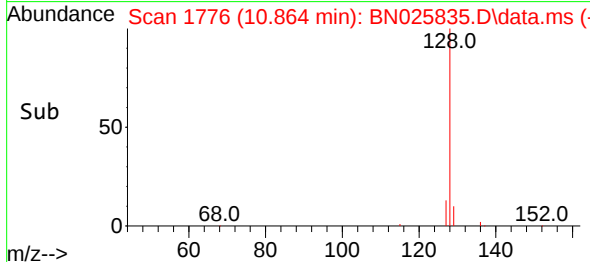
Instrument :
BNA_N
ClientSampleId :
EW984DL



Tgt Ion:128 Resp: 1736
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.8 10.5 15.7

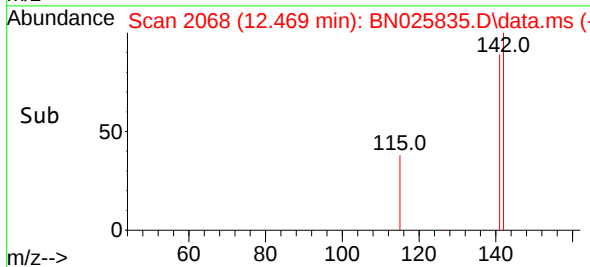
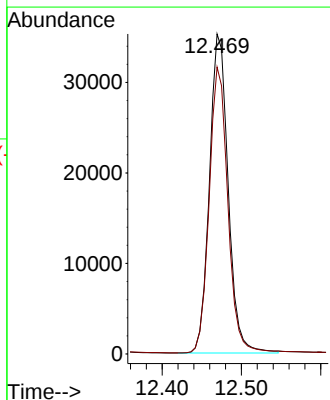
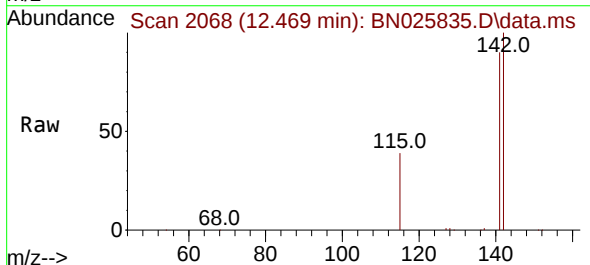
Manual Integrations
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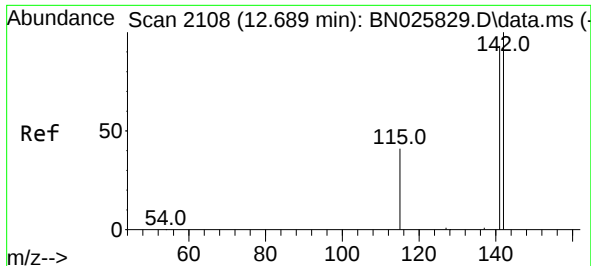
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 1.323 ng/ul
RT: 12.469 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

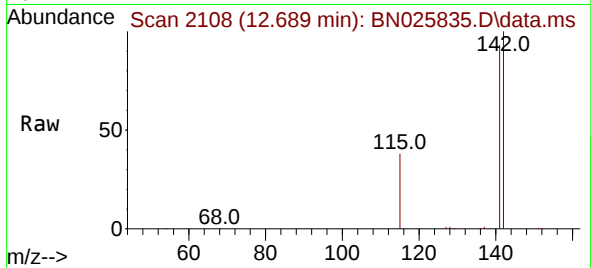
Tgt Ion:142 Resp: 57931
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2





#8
1-Methylnaphthalene
Concen: 1.795 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

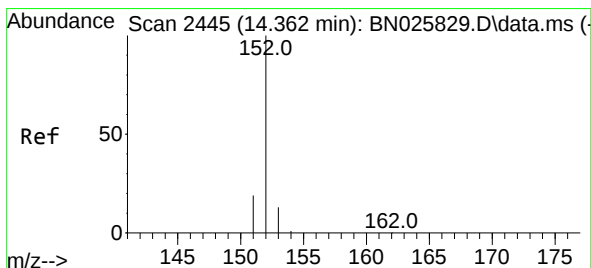
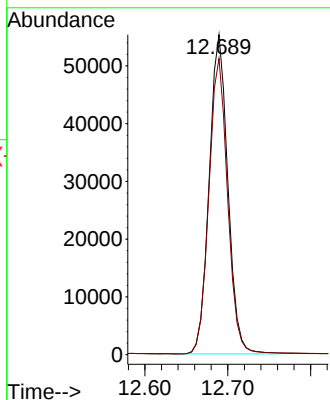
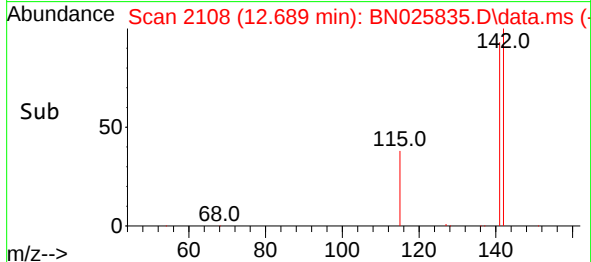
Instrument :
BNA_N
ClientSampleId :
EW984DL



Tgt Ion:142 Resp: 8642
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0

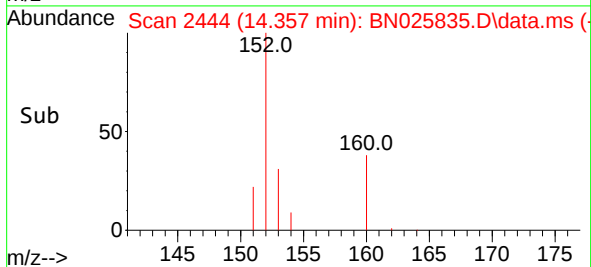
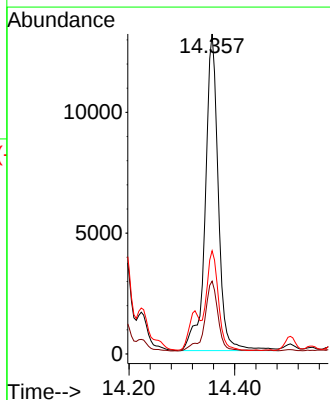
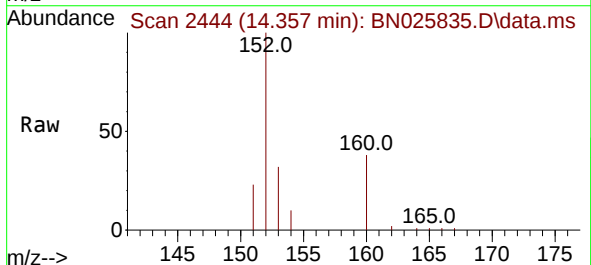
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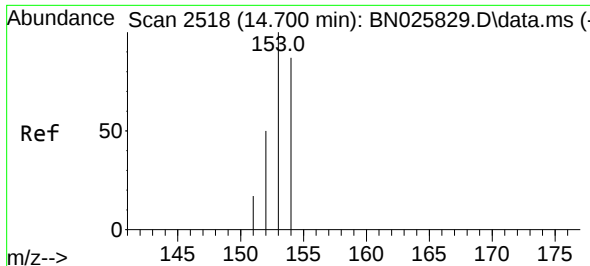
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

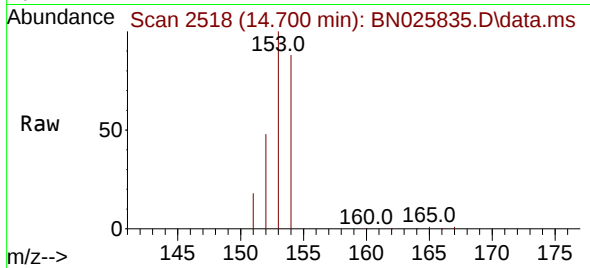
Tgt Ion:152 Resp: 22529
Ion Ratio Lower Upper
152 100
151 22.8 16.0 24.0
153 32.3 10.7 16.1#





#11
Acenaphthene
Concen: 2.168 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

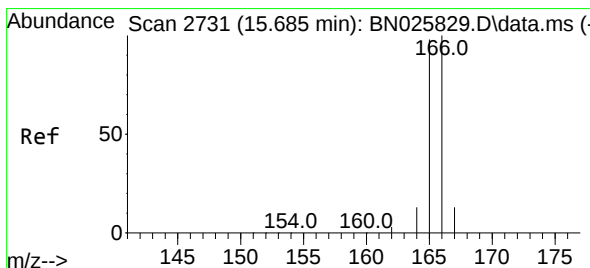
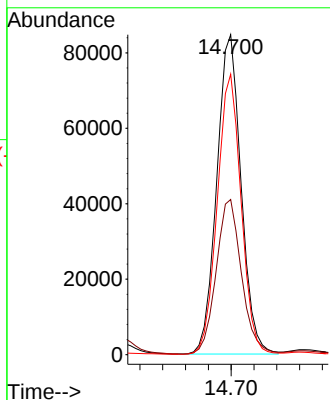
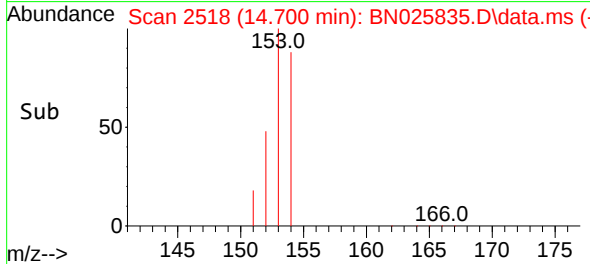
Instrument :
BNA_N
ClientSampleId :
EW984DL



Tgt Ion:153 Resp: 125108
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 87.6 68.8 103.2

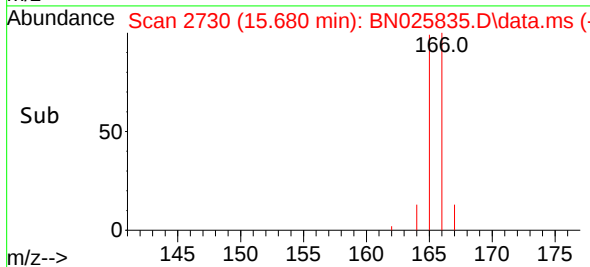
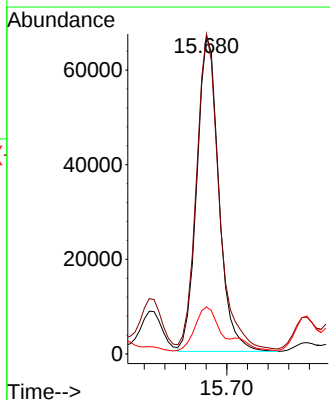
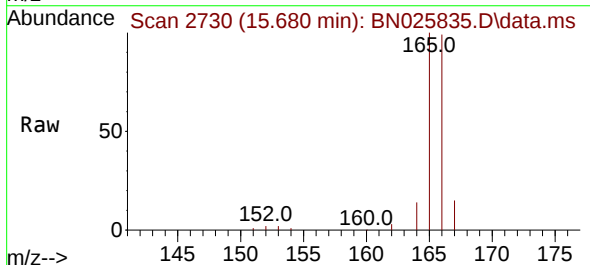
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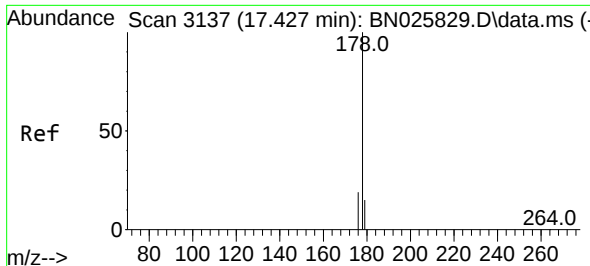
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 1.530 ng/ul
RT: 15.680 min Scan# 2730
Delta R.T. -0.005 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

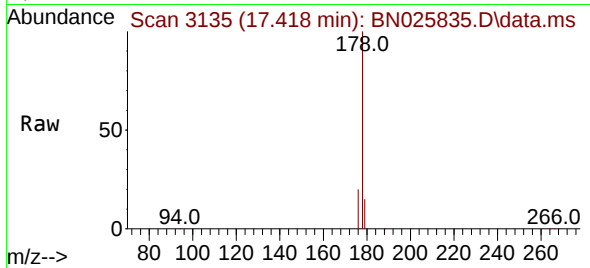
Tgt Ion:166 Resp: 98336
Ion Ratio Lower Upper
166 100
165 100.5 79.2 118.8
167 14.8 11.0 16.6





#15
Phenanthrene
Concen: 7.806 ng/u1
RT: 17.418 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

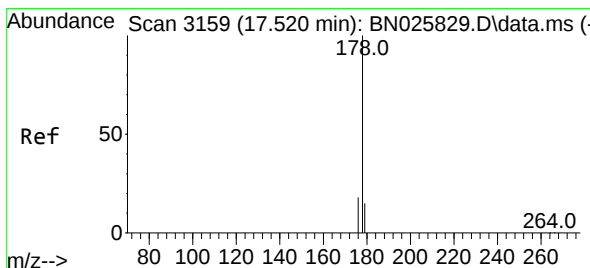
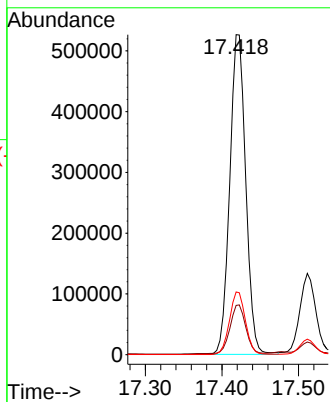
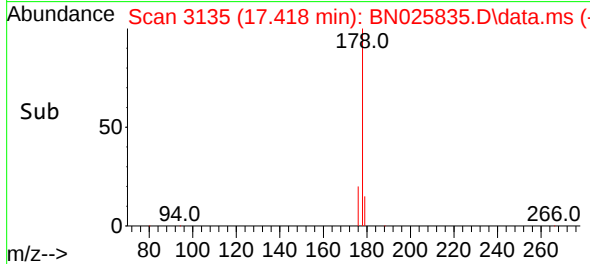
Instrument :
BNA_N
ClientSampleId :
EW984DL



Tgt Ion:178 Resp: 763050
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.6 15.8 23.8

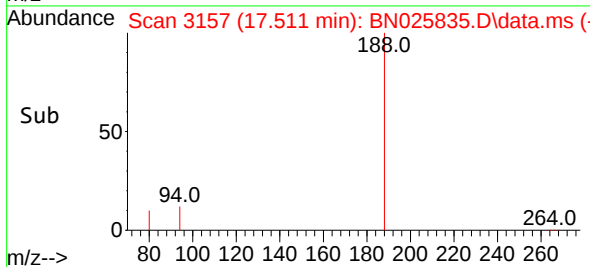
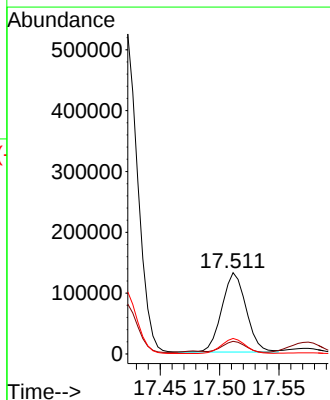
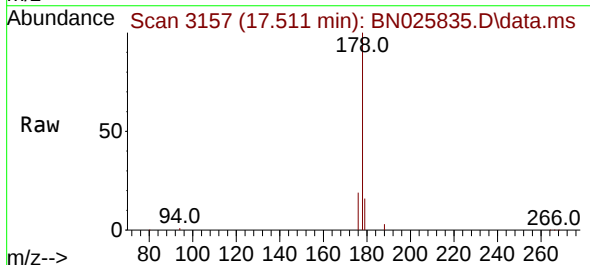
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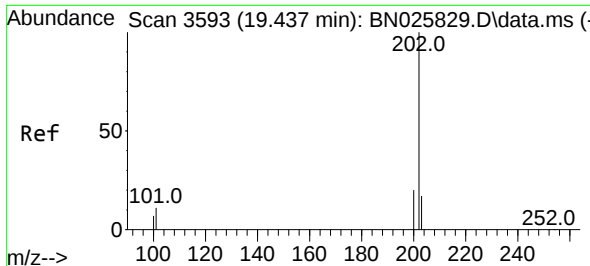
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 2.242 ng/u1
RT: 17.511 min Scan# 3157
Delta R.T. -0.008 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

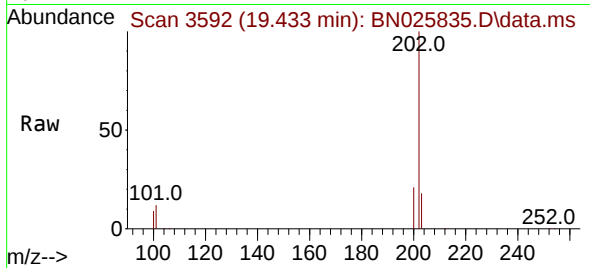
Tgt Ion:178 Resp: 185052
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.2 15.4 23.2





#19
Fluoranthene
Concen: 3.571 ng/u1
RT: 19.433 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

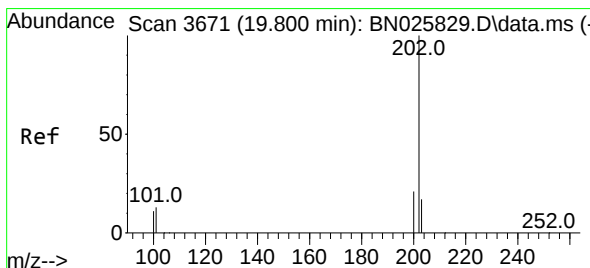
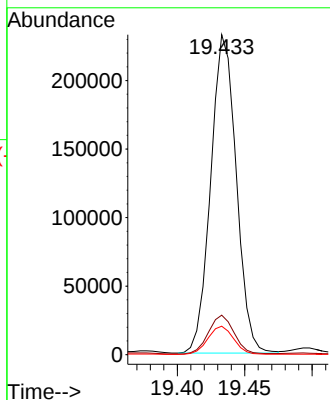
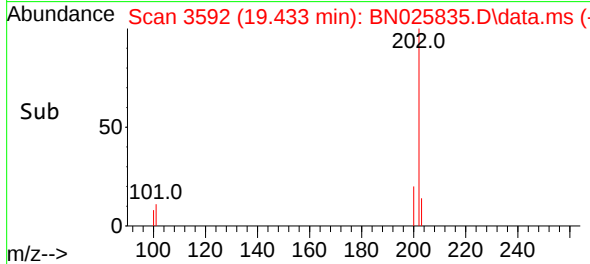
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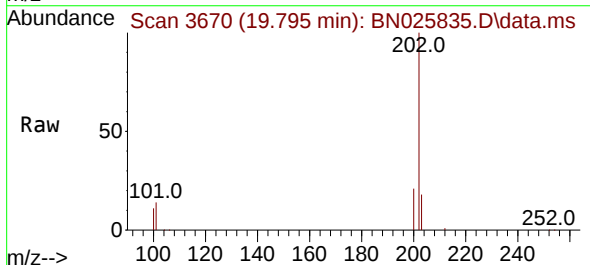
Tgt Ion:202 Resp: 306431
Ion Ratio Lower Upper
202 100
101 12.3 9.1 13.7
100 8.9 7.0 10.6

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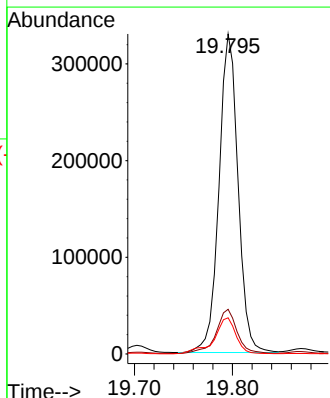
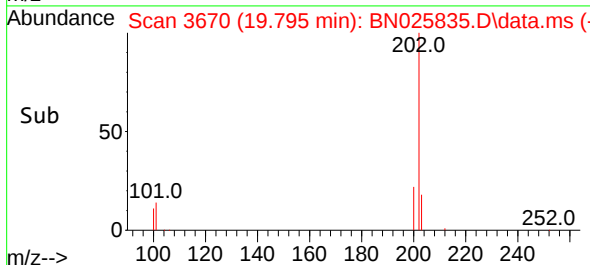
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

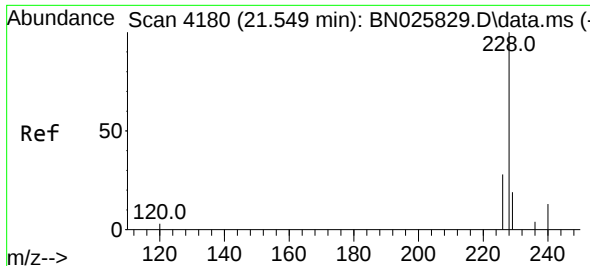


#20
Pyrene
Concen: 5.024 ng/u1
RT: 19.795 min Scan# 3670
Delta R.T. -0.004 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34



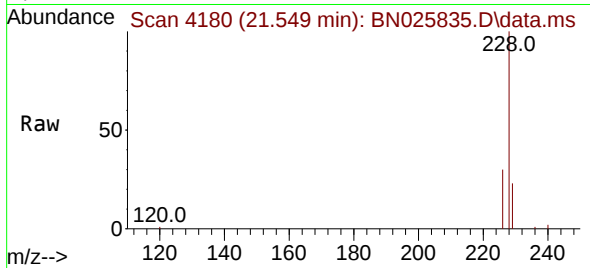
Tgt Ion:202 Resp: 446307
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 11.3 8.8 13.2





#21
Benzo(a)anthracene
Concen: 2.364 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. 0.000 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

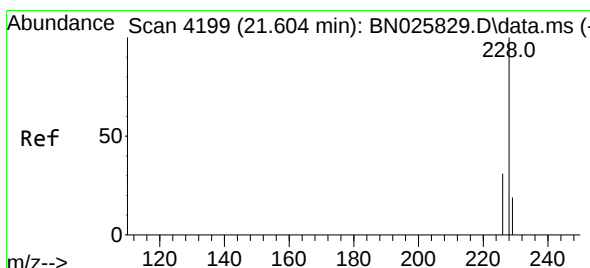
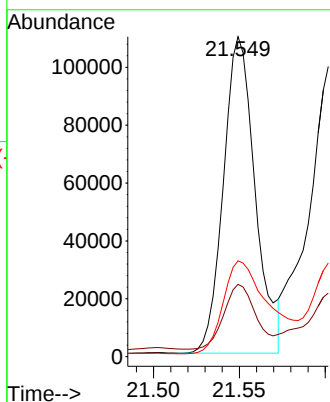
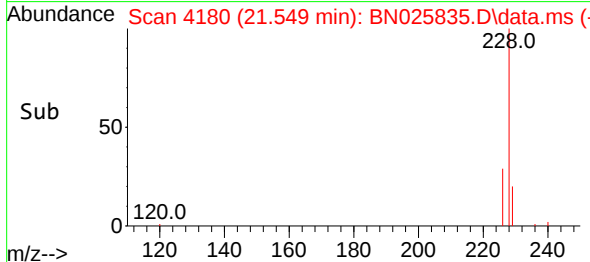
Instrument :
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EW984DL



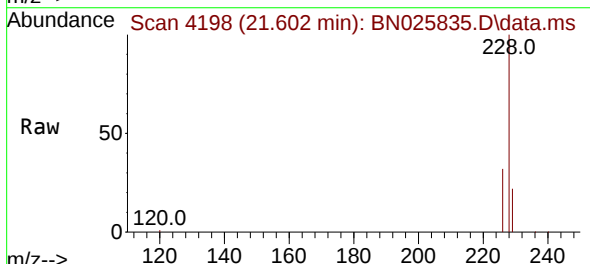
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Ion Ratio Lower Upper
228 100
229 22.6 15.5 23.3
226 29.9 22.0 33.0

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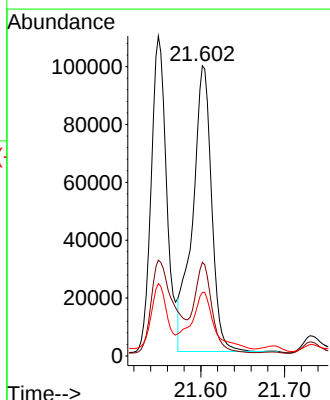
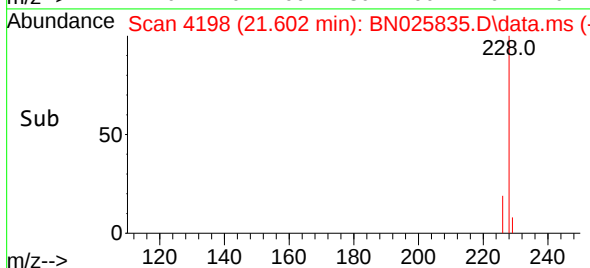
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

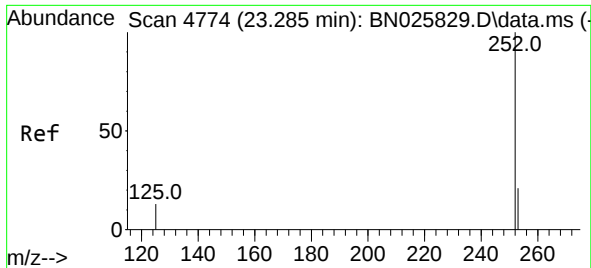


#22
Chrysene
Concen: 2.281 ng/ul
RT: 21.602 min Scan# 4198
Delta R.T. -0.002 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34



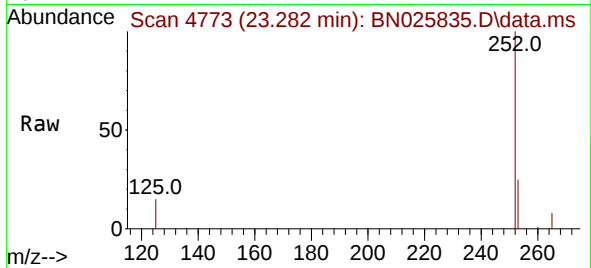
Tgt Ion:228 Resp: 156059
Ion Ratio Lower Upper
228 100
226 32.3 24.7 37.1
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.123 ng/ul m
RT: 23.282 min Scan# 4773
Delta R.T. -0.002 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

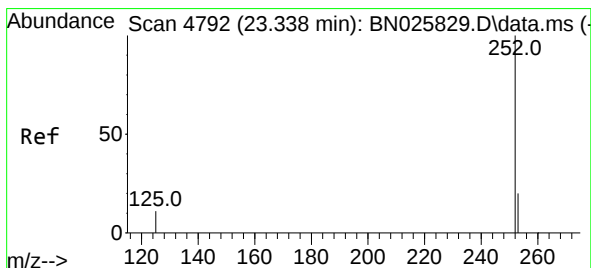
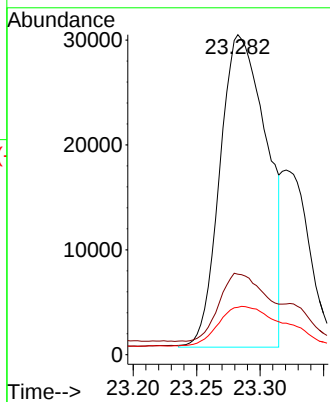
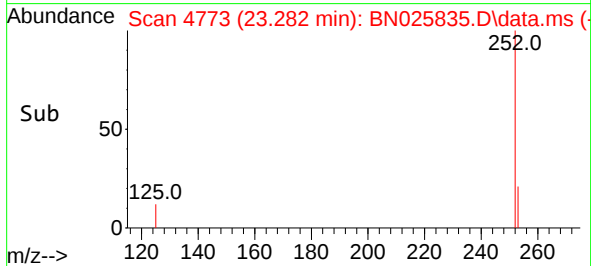
Instrument :
BNA_N
ClientSampleId :
EW984DL



Tgt Ion:252 Resp: 76130
Ion Ratio Lower Upper
252 100
253 25.1 0.0 56.0
125 14.8 0.0 28.0

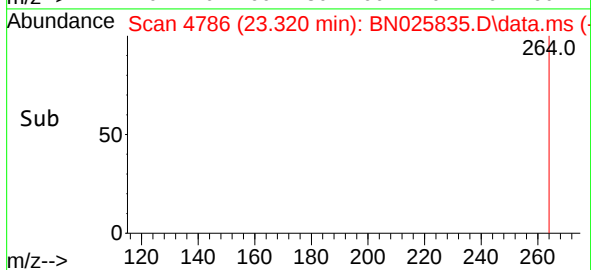
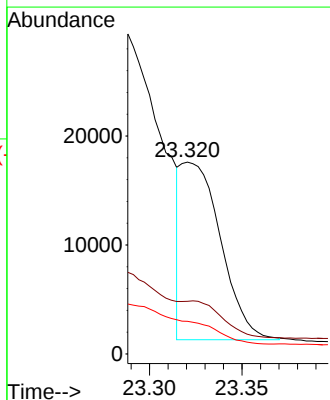
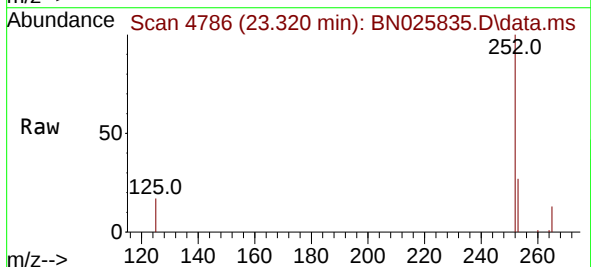
Manual Integrations
APPROVED

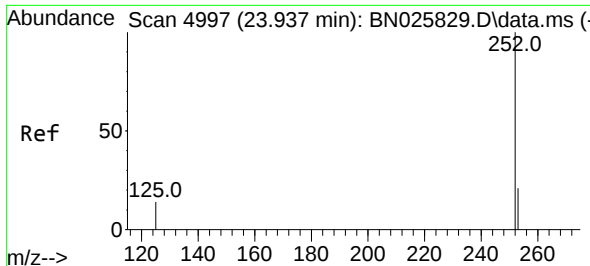
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul m
RT: 23.320 min Scan# 4786
Delta R.T. -0.017 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

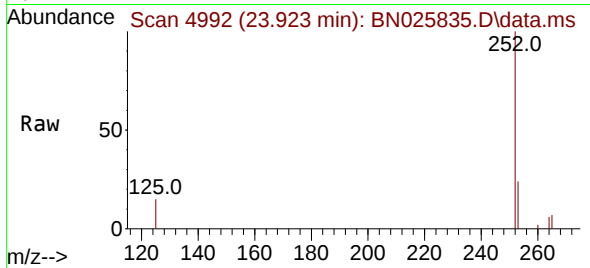
Tgt Ion:252 Resp: 24324
Ion Ratio Lower Upper
252 100
253 27.5 23.3 34.9
125 17.1 11.6 17.4





#26
Benzo(a)pyrene
Concen: 1.455 ng/ul
RT: 23.923 min Scan# 4992
Delta R.T. -0.014 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34

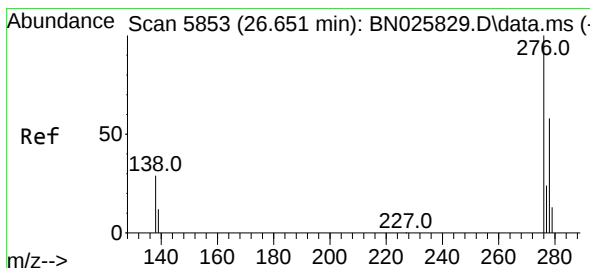
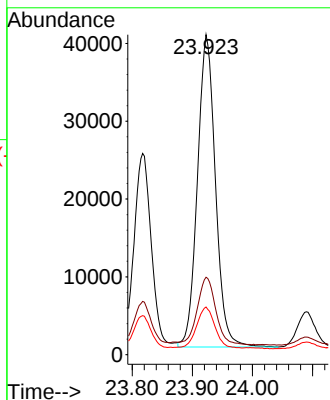
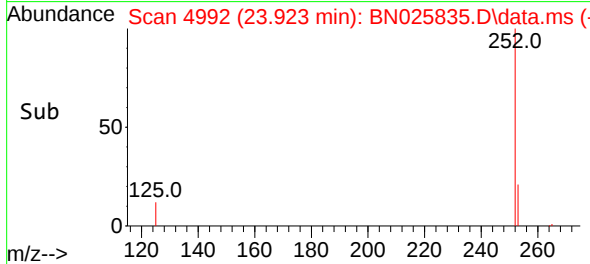
Instrument :
BNA_N
ClientSampleId :
EW984DL



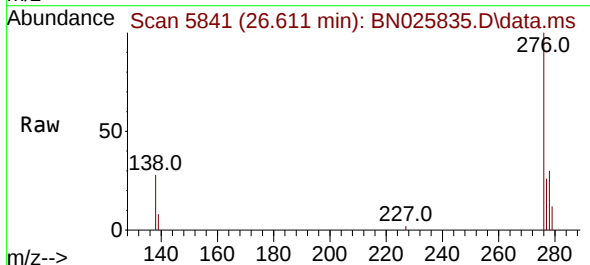
Tgt Ion:252 Resp: 83554
Ion Ratio Lower Upper
252 100
253 24.2 25.8 38.8
125 14.9 13.5 20.3

Manual Integrations
APPROVED

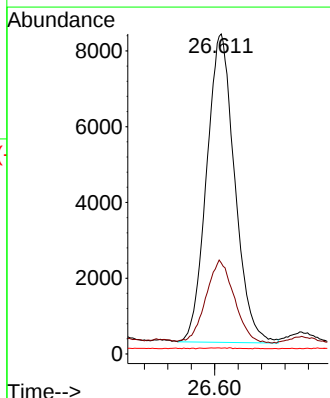
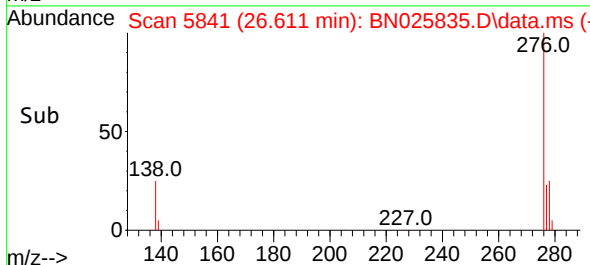
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

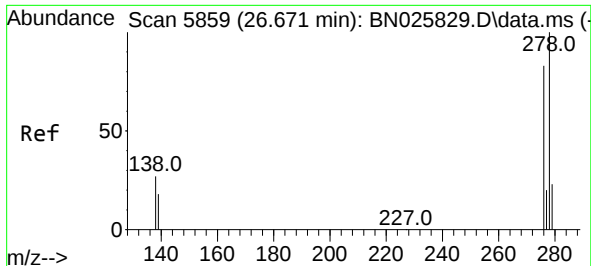


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.611 min Scan# 5841
Delta R.T. -0.040 min
Lab File: BN025835.D
Acq: 14 Jun 2023 10:34



Tgt Ion:276 Resp: 27073
Ion Ratio Lower Upper
276 100
138 27.3 24.6 36.8
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.190 ng/ul

RT: 26.621 min Scan# 5844

Delta R.T. -0.050 min

Lab File: BN025835.D

Acq: 14 Jun 2023 10:34

Instrument :

BNA_N

ClientSampleId :

EW984DL

Tgt Ion:278 Resp: 9429

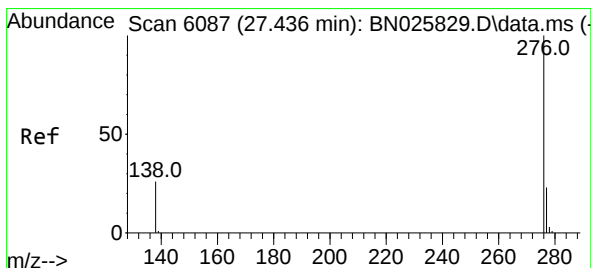
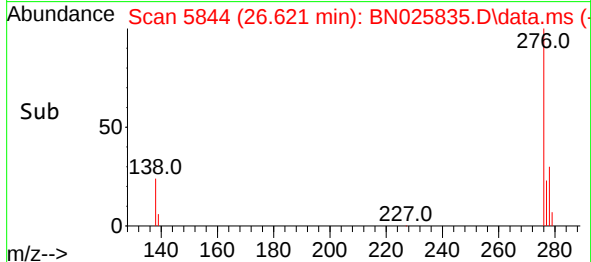
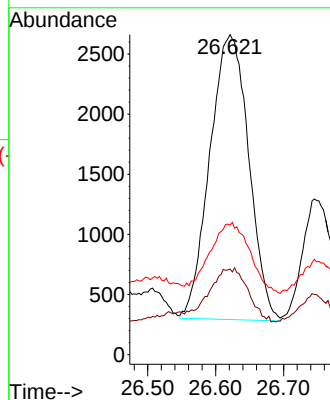
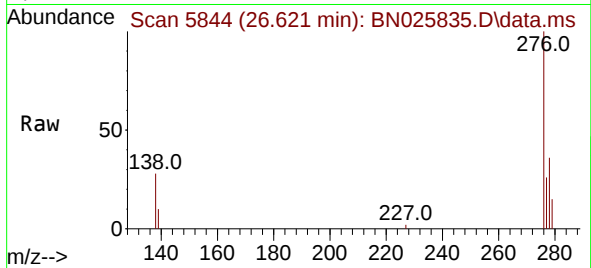
Ion	Ratio	Lower	Upper
278	100		
139	26.8	17.9	26.9
279	40.5	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#29

Benzo(g,h,i)perylene

Concen: 0.460 ng/ul

RT: 27.406 min Scan# 6078

Delta R.T. -0.030 min

Lab File: BN025835.D

Acq: 14 Jun 2023 10:34

Tgt Ion:276 Resp: 27014

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	25.4	19.4	29.2

