

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025994.D
 Acq On : 24 Jun 2023 07:46
 Operator : MA/JU
 Sample : 03085-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:47:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	8338	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	26600	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	16265	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	35685	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	21303	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	20583	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	9687	1.032	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	2857	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	6323	0.078	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	84194	1.104	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	20816	0.429	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	14029	0.279	ng/ul	100
10) Acenaphthylene	14.334	152	48311	0.634	ng/ul	99
11) Acenaphthene	14.676	153	83324	1.337	ng/ul	98
12) Fluorene	15.662	166	120708	1.690	ng/ul	98
15) Phenanthrene	17.402	178	2164001	18.359	ng/ul	99
16) Anthracene	17.490	178	497687	4.750	ng/ul	100
19) Fluoranthene	19.414	202	3542313	31.132	ng/ul	98
20) Pyrene	19.777	202	2719632	22.980	ng/ul	97
21) Benzo(a)anthracene	21.529	228	1177532	13.399	ng/ul	99
22) Chrysene	21.581	228	1084501	11.860	ng/ul	97
24) Benzo(b)fluoranthene	23.259	252	1224132m	13.934	ng/ul	
25) Benzo(k)fluoranthene	23.300	252	418906m	4.749	ng/ul	
26) Benzo(a)pyrene	23.908	252	760257	9.964	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.594	276	533220	6.398	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.598	278	129184	2.048	ng/ul	92
29) Benzo(g,h,i)perylene	27.393	276	476287	6.424	ng/ul	94

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

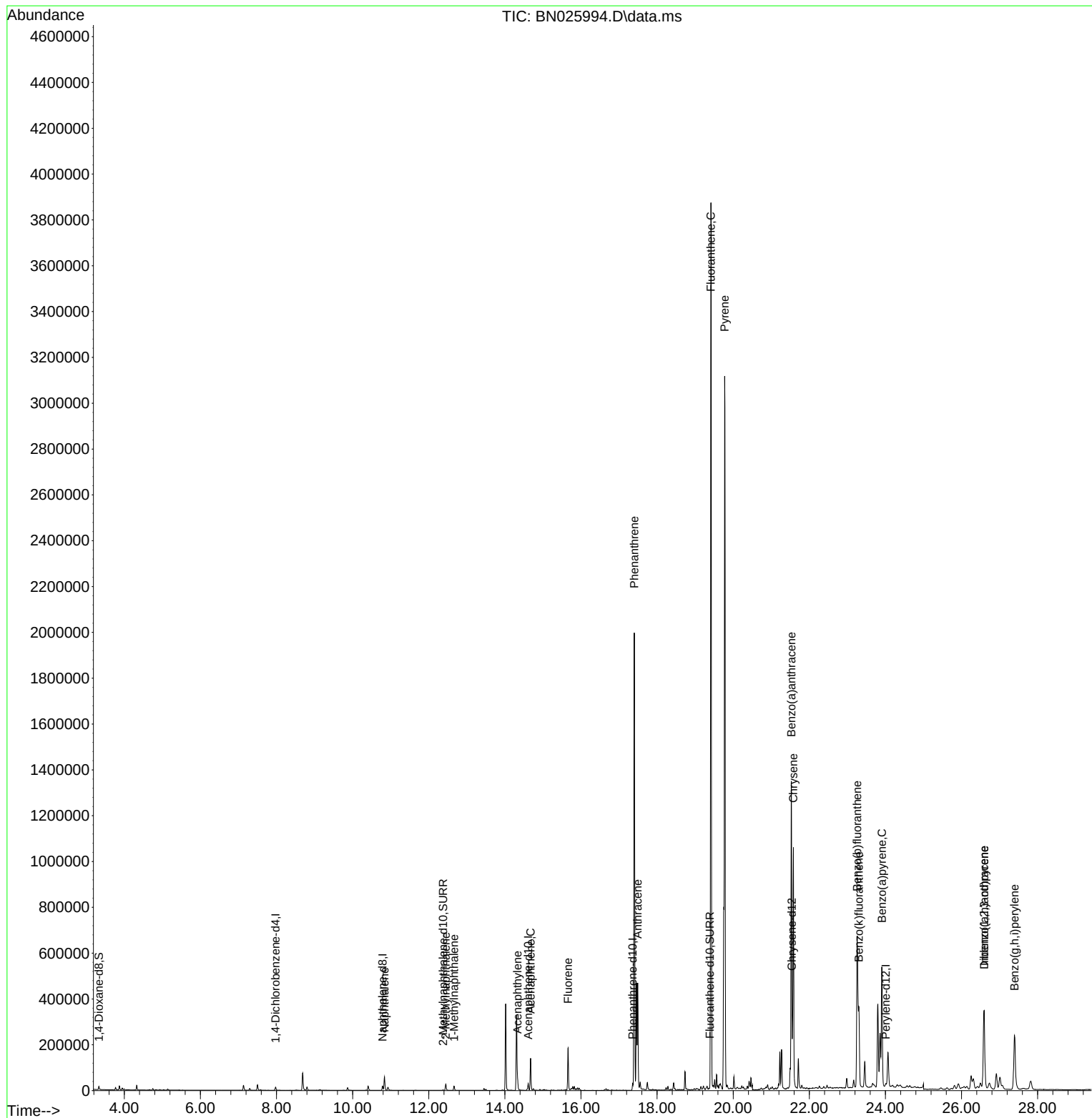
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025994.D
Acq On : 24 Jun 2023 07:46
Operator : MA/JU
Sample : 03085-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

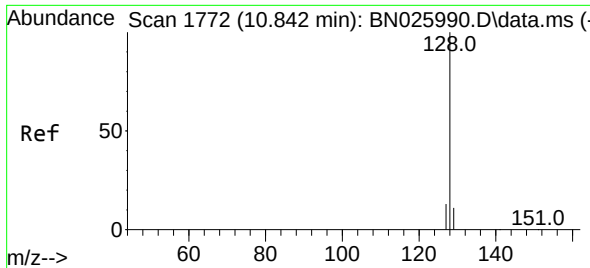
Instrument :
BNA_N
ClientSampleId :
DCFQ8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

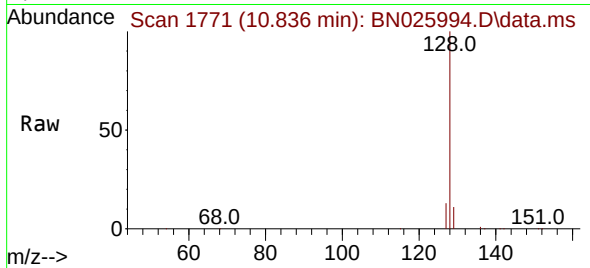
Quant Time: Jun 24 23:47:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.104 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

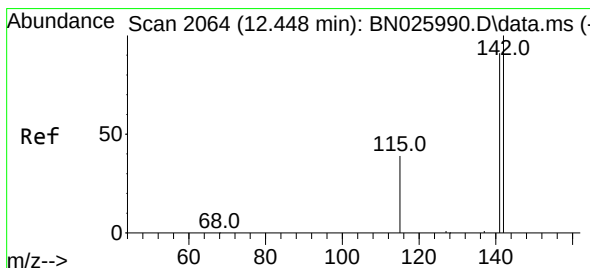
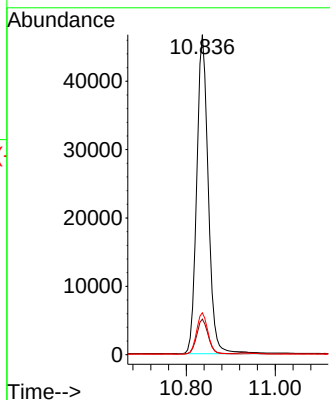
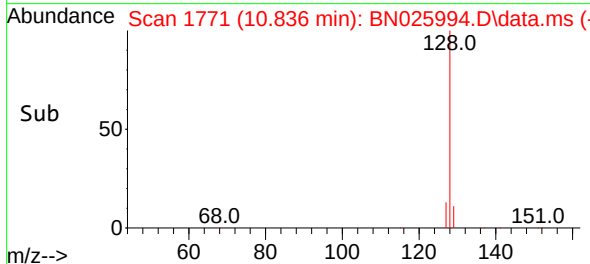
Instrument :
BNA_N
ClientSampleId :
DCFQ8



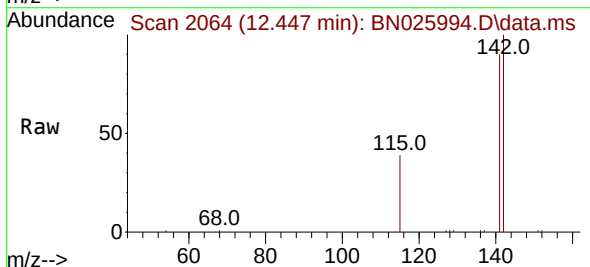
Tgt Ion:128 Resp: 84194
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.7 16.1

Manual Integrations
APPROVED

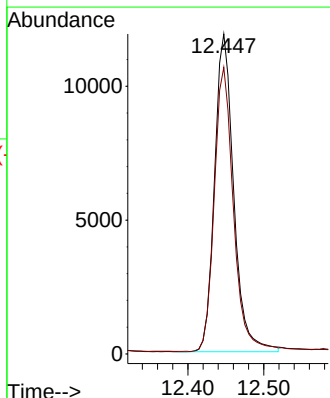
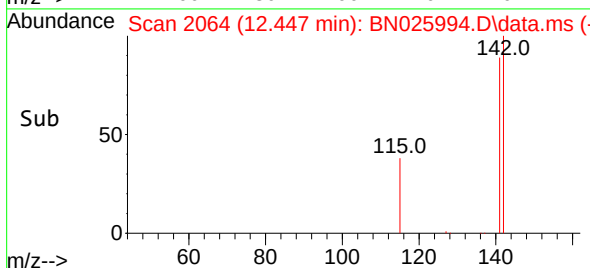
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

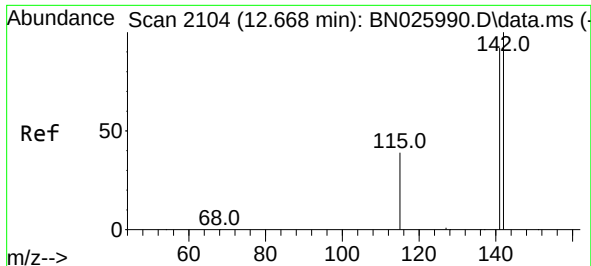


#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46



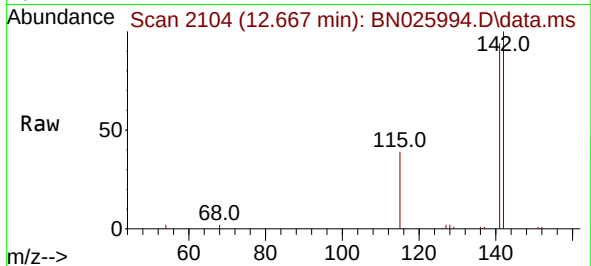
Tgt Ion:142 Resp: 20816
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

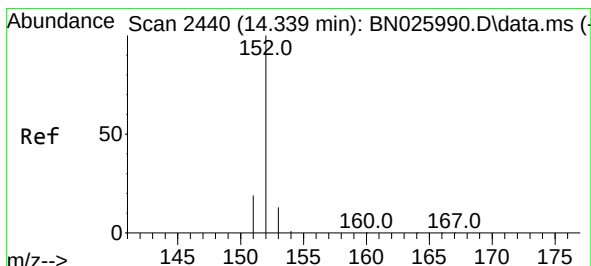
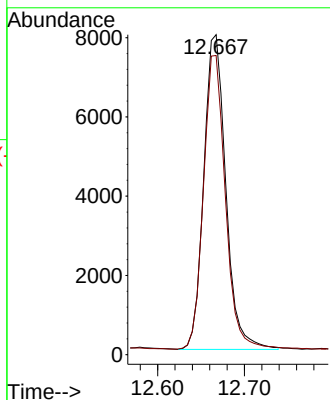
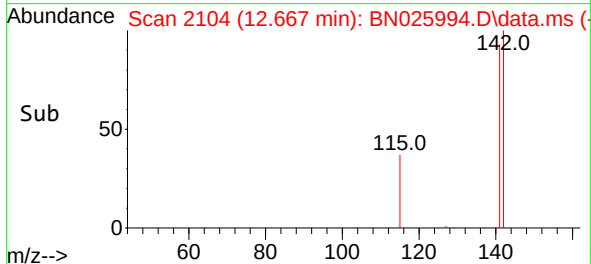
Instrument :
BNA_N
ClientSampleId :
DCFQ8



Tgt Ion:142 Resp: 14029
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

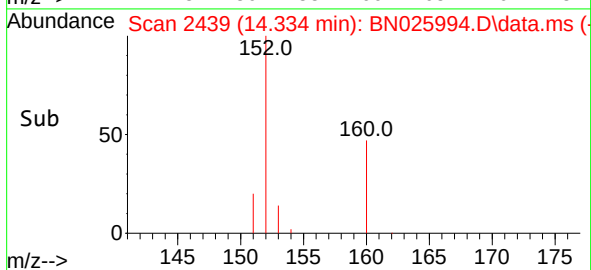
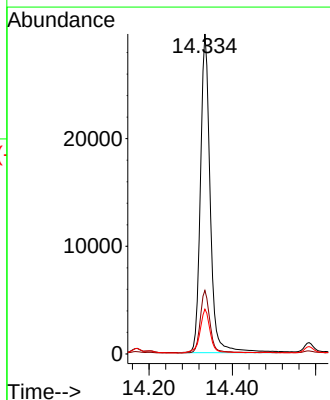
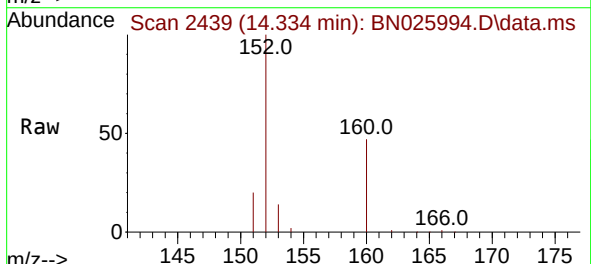
Manual Integrations
APPROVED

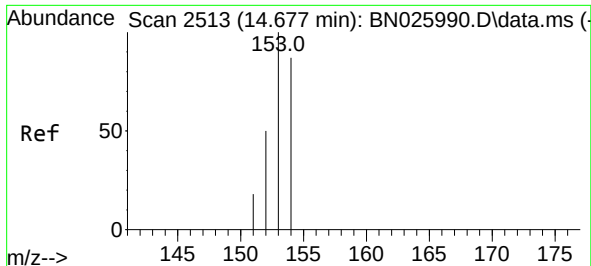
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.634 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

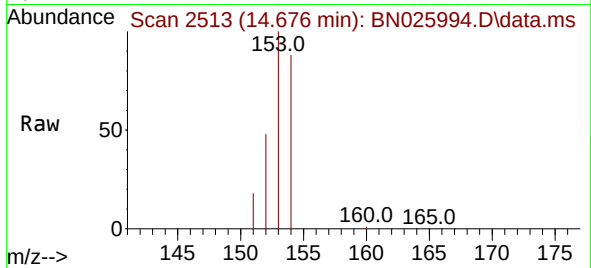
Tgt Ion:152 Resp: 48311
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 1.337 ng/ul
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

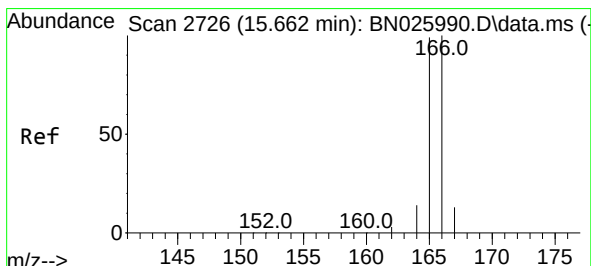
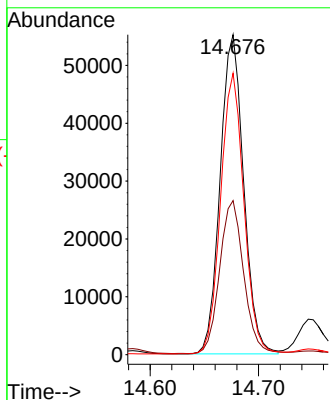
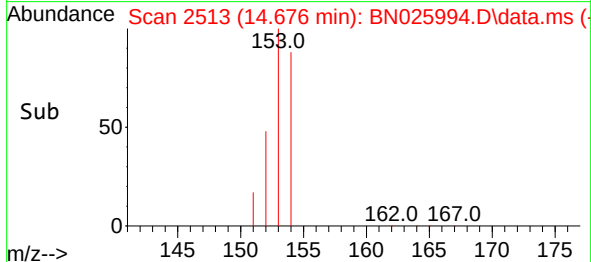
Instrument :
BNA_N
ClientSampleId :
DCFQ8



Tgt Ion:153 Resp: 83324
Ion Ratio Lower Upper
153 100
152 48.2 39.4 59.0
154 87.9 68.9 103.3

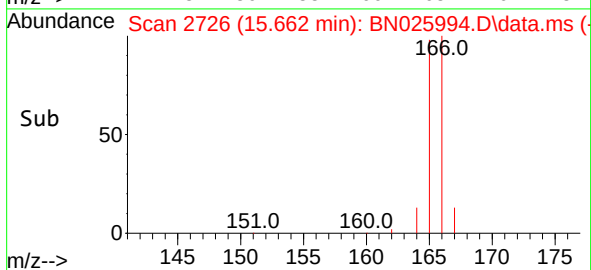
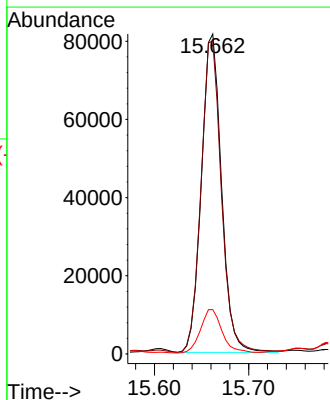
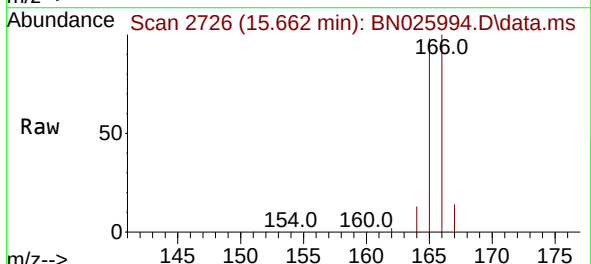
Manual Integrations
APPROVED

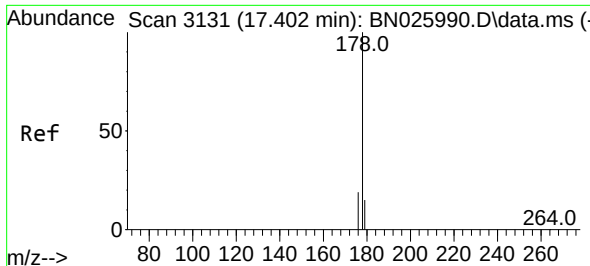
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 1.690 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

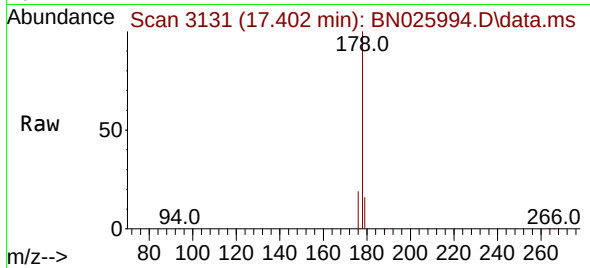
Tgt Ion:166 Resp: 120708
Ion Ratio Lower Upper
166 100
165 97.9 79.9 119.9
167 13.9 10.8 16.2





#15
Phenanthrene
Concen: 18.359 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

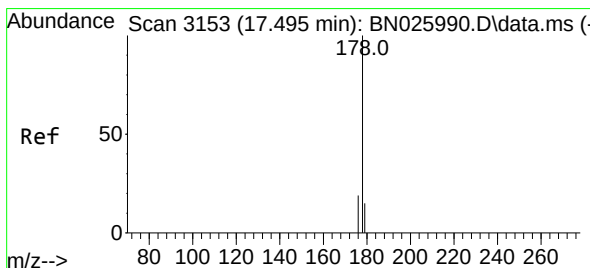
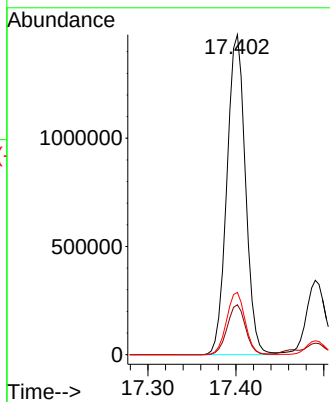
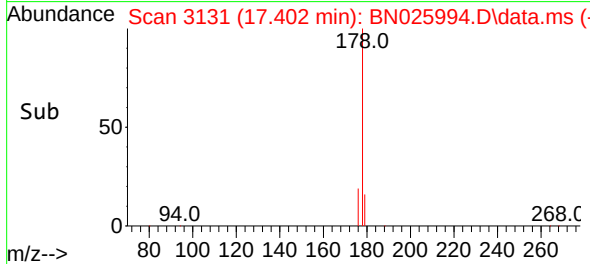
Instrument :
BNA_N
ClientSampleId :
DCFQ8



Tgt Ion:178 Resp: 216400
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.8 23.6

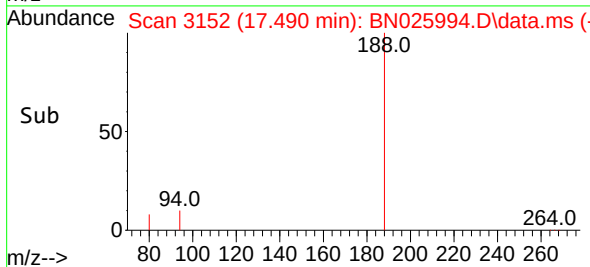
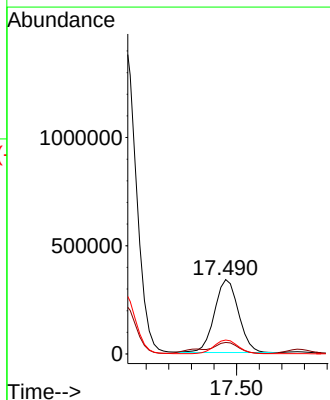
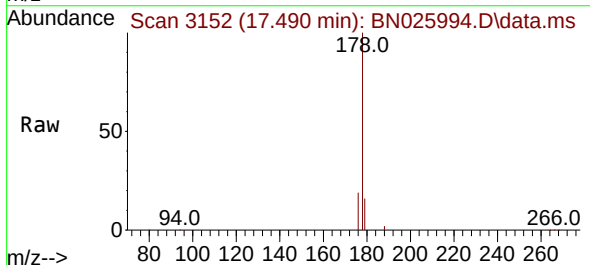
Manual Integrations
APPROVED

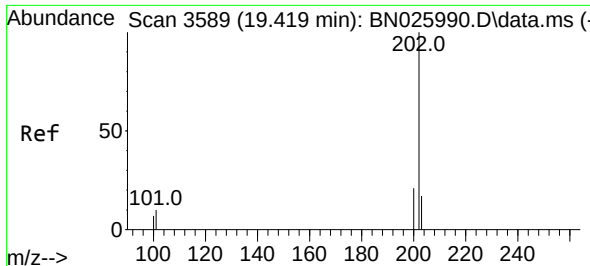
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 4.750 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

Tgt Ion:178 Resp: 497687
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.8 15.1 22.7





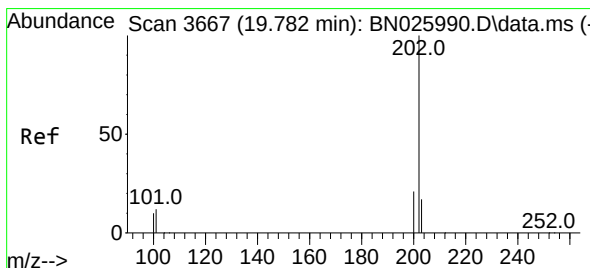
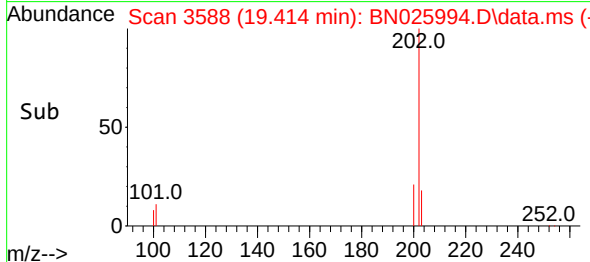
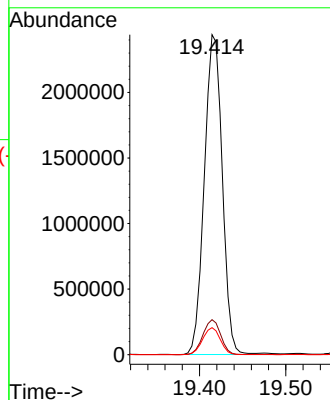
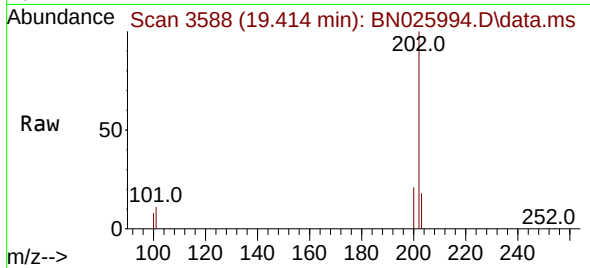
#19
Fluoranthene
Concen: 31.132 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

Instrument :
BNA_N
ClientSampleId :
DCFQ8

Tgt Ion:202 Resp: 354231
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.4 7.3 10.9

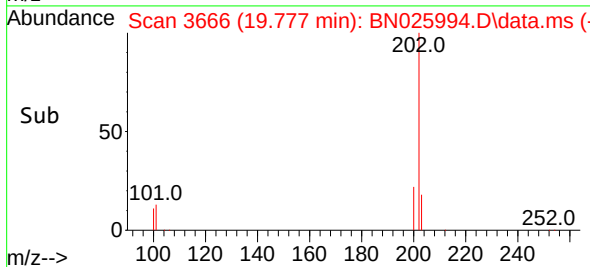
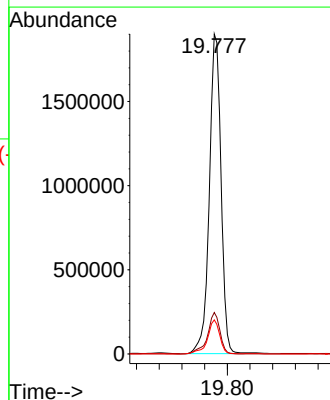
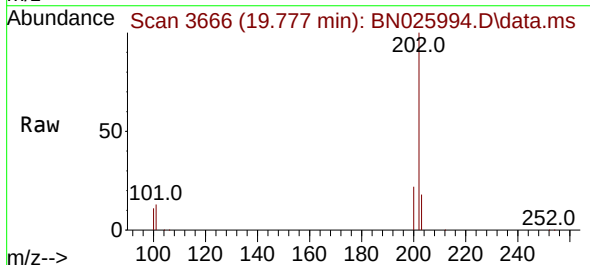
Manual Integrations
APPROVED

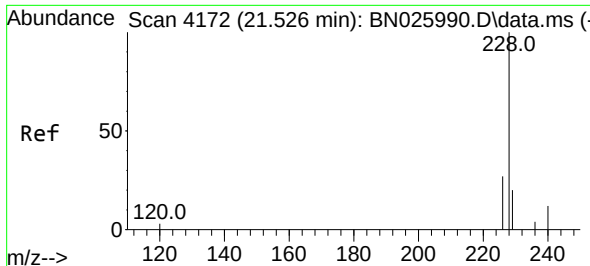
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#20
Pyrene
Concen: 22.980 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

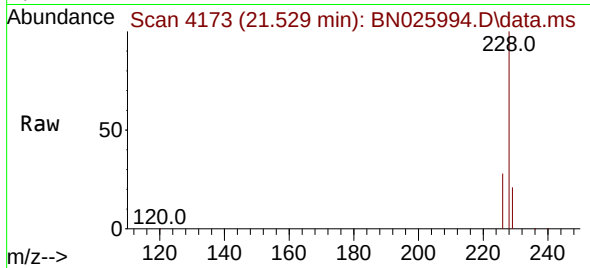
Tgt Ion:202 Resp: 2719632
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 13.399 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

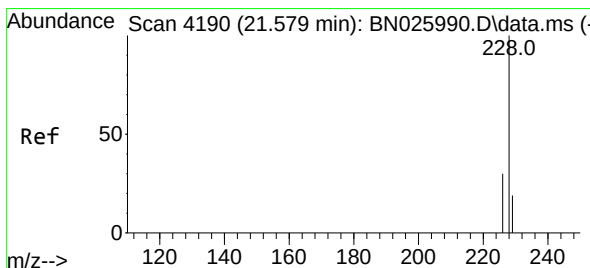
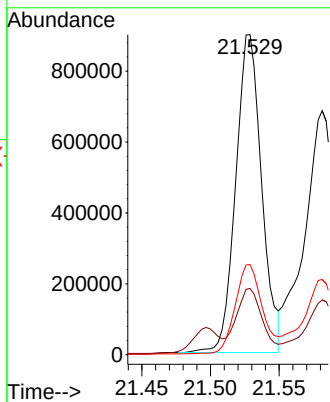
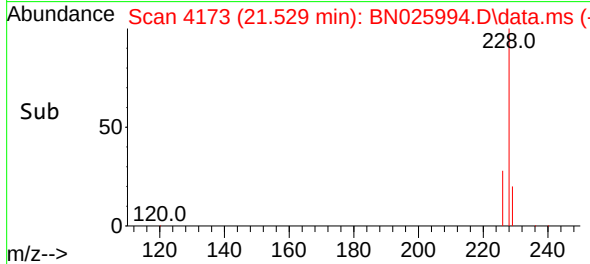
Instrument :
BNA_N
ClientSampleId :
DCFQ8



Tgt Ion:228 Resp: 117753
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.1 22.5 33.7

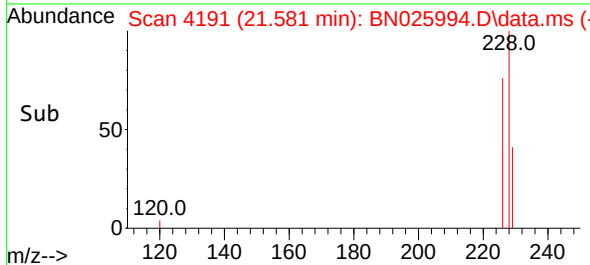
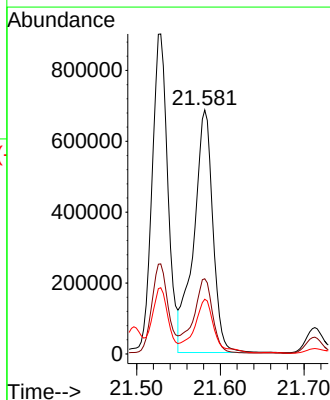
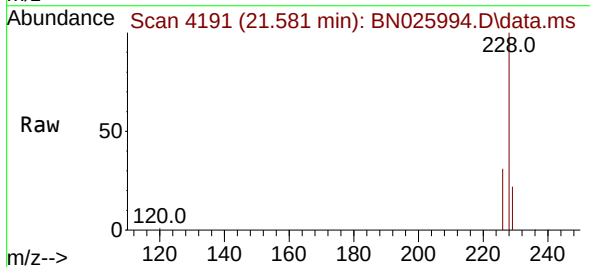
Manual Integrations
APPROVED

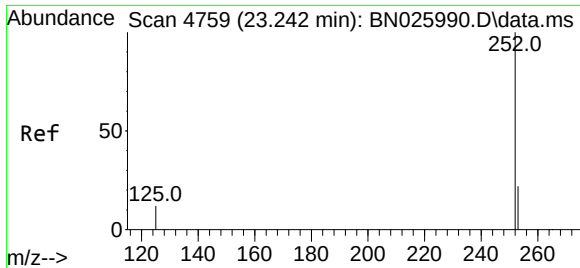
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 11.860 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

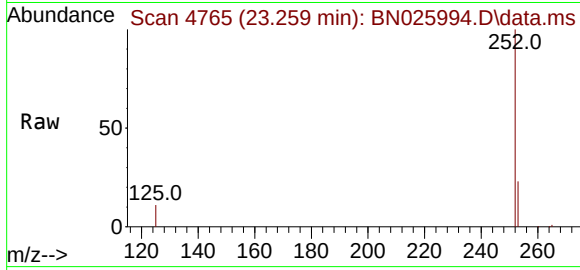
Tgt Ion:228 Resp: 1084501
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 13.934 ng/ul m
RT: 23.259 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

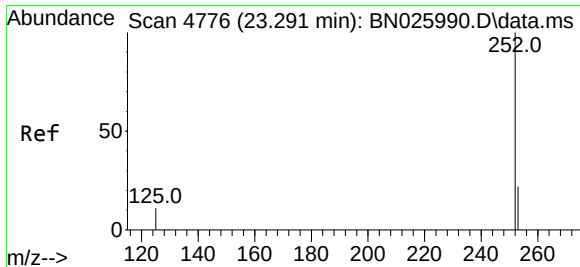
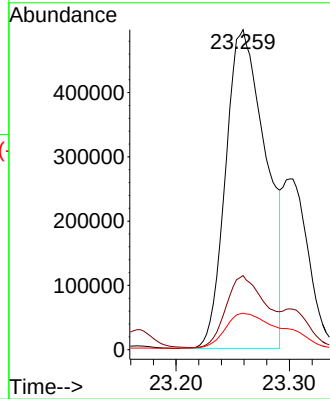
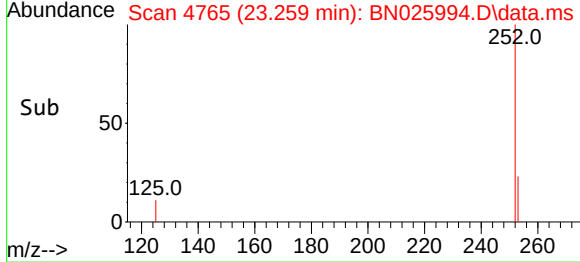
Instrument :
BNA_N
ClientSampleId :
DCFQ8



Tgt Ion:252 Resp: 122413
Ion Ratio Lower Upper
252 100
253 23.1 0.0 55.6
125 11.4 0.0 35.8

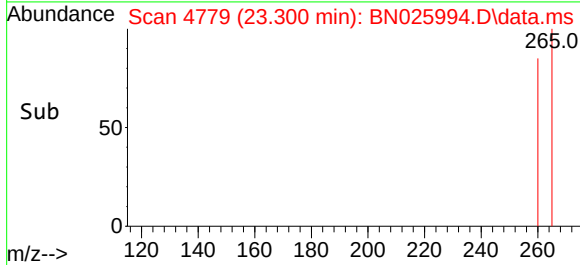
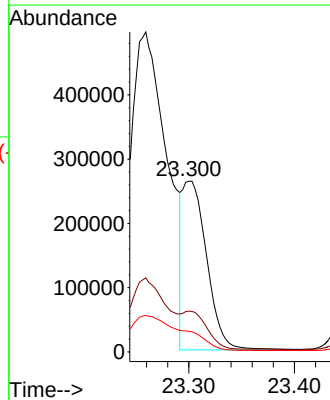
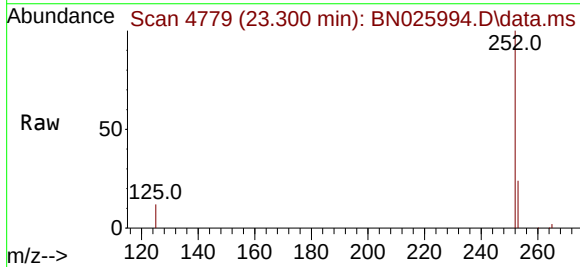
Manual Integrations
APPROVED

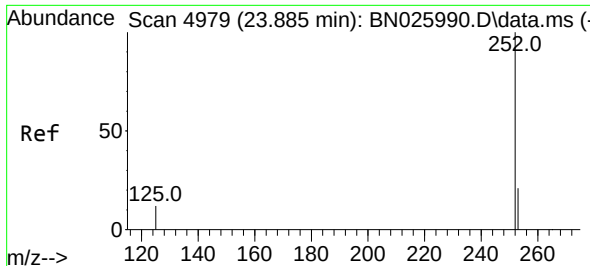
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 4.749 ng/ul m
RT: 23.300 min Scan# 4779
Delta R.T. -0.009 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

Tgt Ion:252 Resp: 418906
Ion Ratio Lower Upper
252 100
253 23.9 23.2 34.8
125 12.1 15.0 22.4#





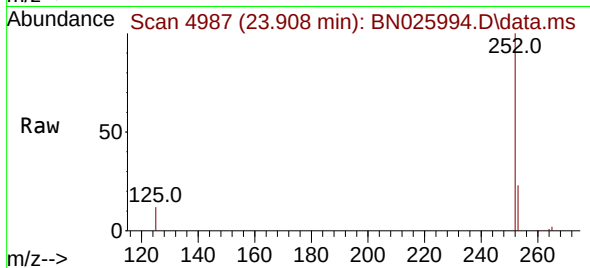
#26
Benzo(a)pyrene
Concen: 9.964 ng/ul
RT: 23.908 min Scan# 4979
Delta R.T. -0.000 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

Instrument :

BNA_N

ClientSampleId :

DCFQ8

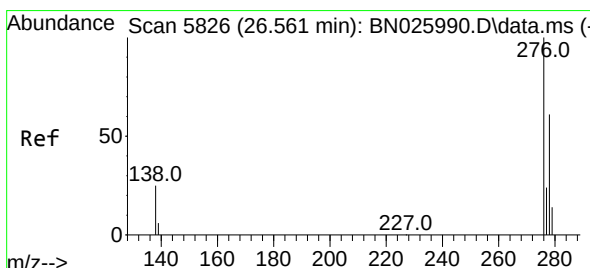
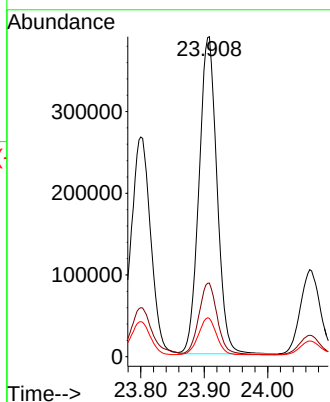
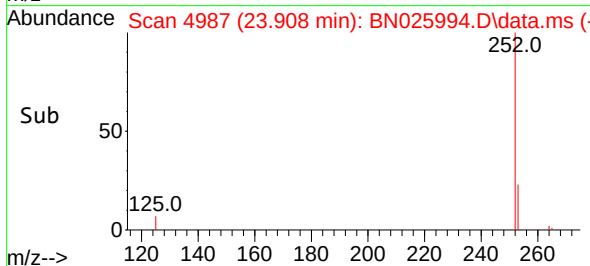


Tgt Ion:252 Resp: 76025
Ion Ratio Lower Upper
252 100
253 23.0 26.0 39.0#
125 11.9 17.3 25.9#

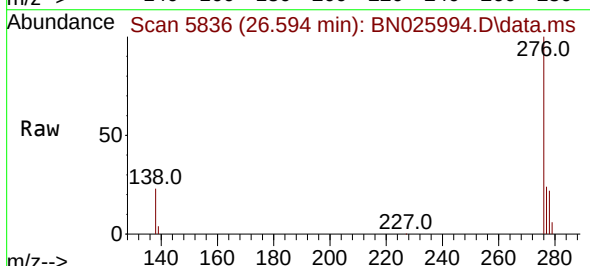
Manual Integrations

APPROVED

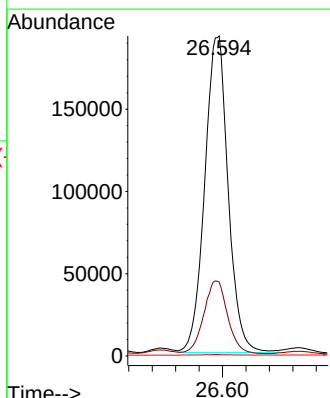
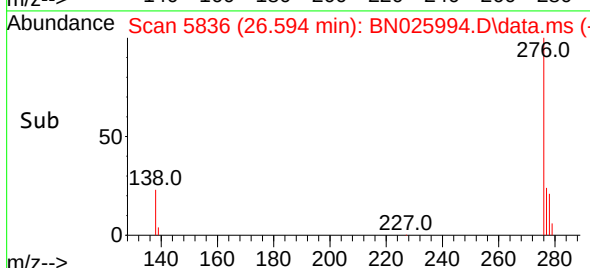
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

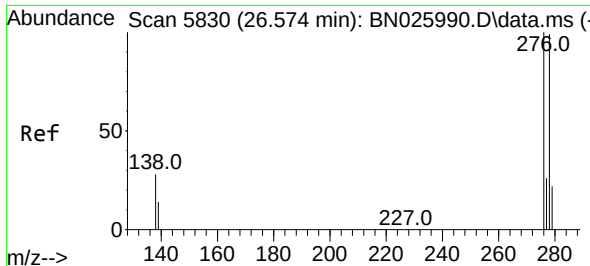


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.398 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.000 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46



Tgt Ion:276 Resp: 533220
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.3 0.0 0.0#





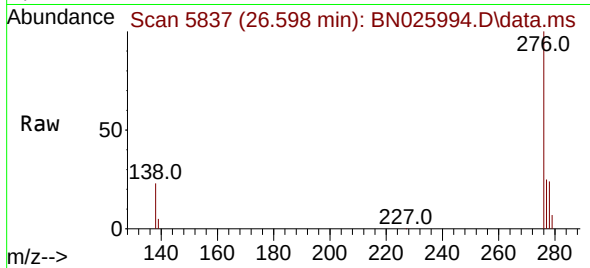
#28
Dibenzo(a,h)anthracene
Concen: 2.048 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. -0.024 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46

Instrument :

BNA_N

ClientSampleId :

DCFQ8

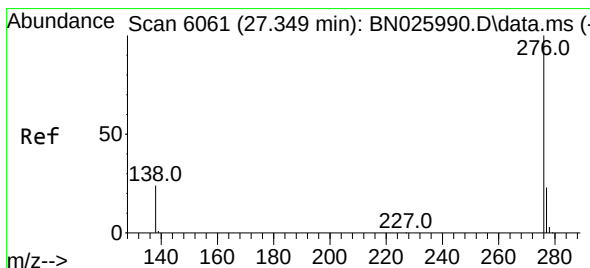
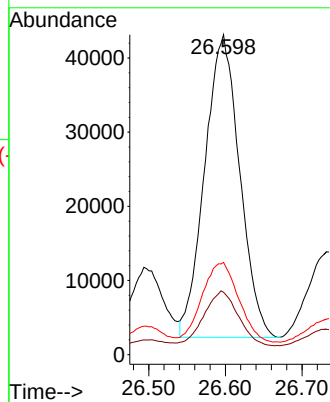
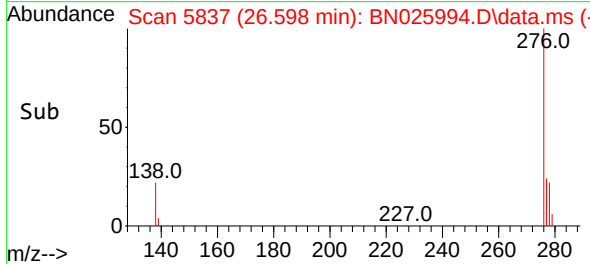


Tgt Ion:278 Resp: 129184
Ion Ratio Lower Upper
278 100
139 19.5 19.0 28.4
279 28.8 26.7 40.1

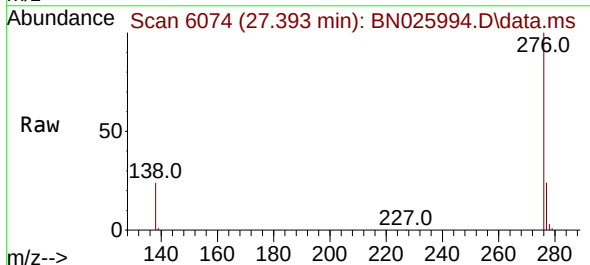
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 6.424 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.007 min
Lab File: BN025994.D
Acq: 24 Jun 2023 07:46



Tgt Ion:276 Resp: 476287
Ion Ratio Lower Upper
276 100
138 24.4 23.4 35.0
277 23.9 20.0 30.0

