

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026004.D
 Acq On : 24 Jun 2023 13:47
 Operator : MA/JU
 Sample : 03085-11DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP7DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:49:30 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	9388	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	29623	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.616	164	17794	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	39452	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	27729	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	23666	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	6732	0.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	2032	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	5074	0.048	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.836	128	4642	0.055	ng/ul#	93
7) 2-Methylnaphthalene	12.453	142	2019	0.037	ng/ul	98
8) 1-Methylnaphthalene	12.667	142	1479	0.026	ng/ul	99
10) Acenaphthylene	14.334	152	7950	0.095	ng/ul	97
11) Acenaphthene	14.677	153	1518	0.022	ng/ul	96
15) Phenanthrene	17.397	178	37958	0.291	ng/ul	100
16) Anthracene	17.490	178	9090	0.078	ng/ul	96
19) Fluoranthene	19.414	202	115147	0.777	ng/ul	99
20) Pyrene	19.777	202	99566	0.646	ng/ul	98
21) Benzo(a)anthracene	21.526	228	57695	0.504	ng/ul	97
22) Chrysene	21.581	228	65052	0.547	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	87299m	0.864	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	32086m	0.316	ng/ul	
26) Benzo(a)pyrene	23.902	252	53497	0.610	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.591	276	40732	0.425	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.598	278	10132	0.140	ng/ul#	80
29) Benzo(g,h,i)perylene	27.389	276	38582	0.453	ng/ul	97

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

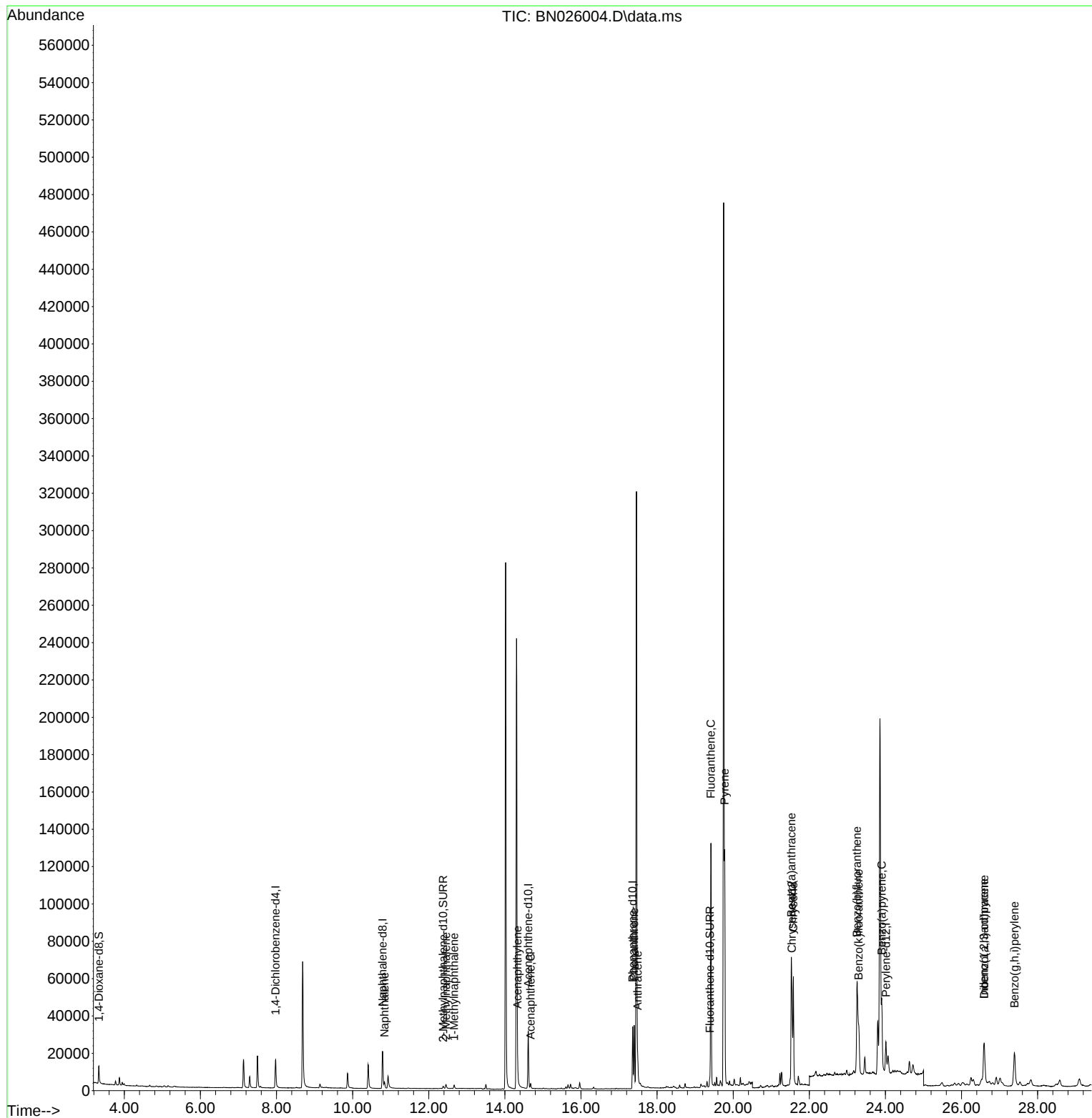
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026004.D
Acq On : 24 Jun 2023 13:47
Operator : MA/JU
Sample : 03085-11DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

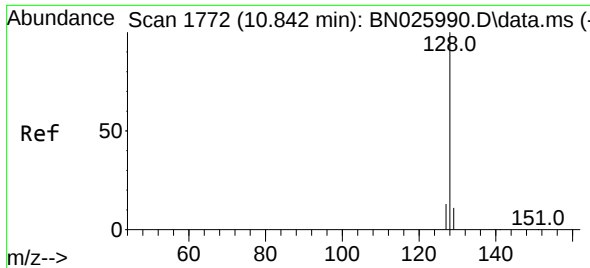
Instrument :
BNA_N
ClientSampleId :
DCFP7DL

Manual Integrations
APPROVED

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

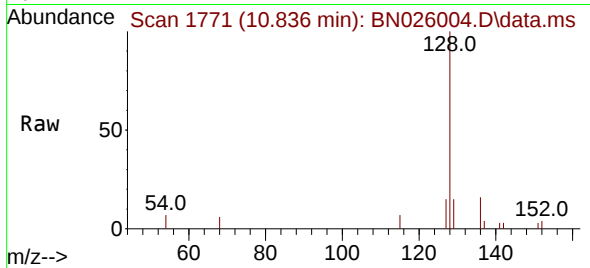
Quant Time: Jun 24 23:49:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

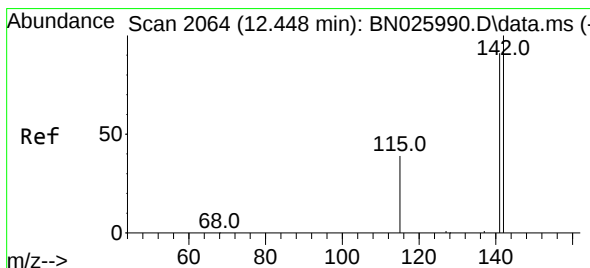
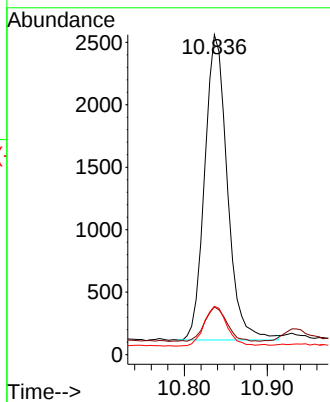
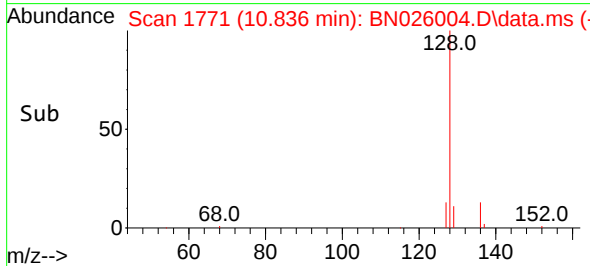
Instrument :
BNA_N
ClientSampleId :
DCFP7DL



Tgt Ion:128 Resp: 4642
Ion Ratio Lower Upper
128 100
129 15.0 9.1 13.7
127 15.1 10.7 16.1

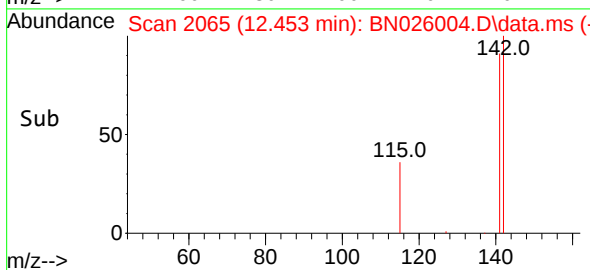
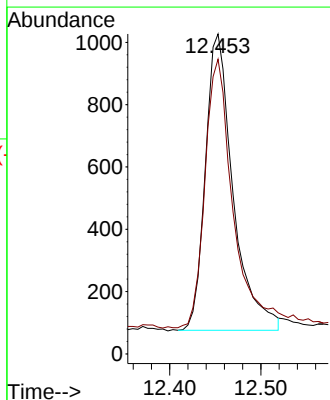
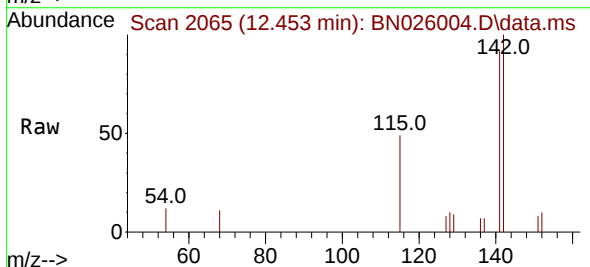
Manual Integrations
APPROVED

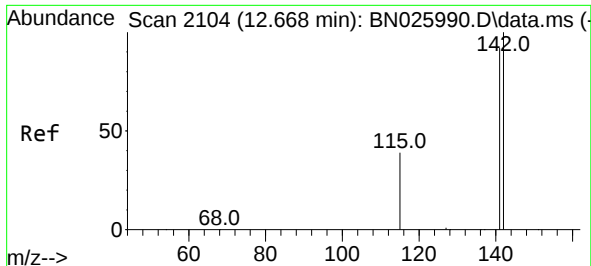
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

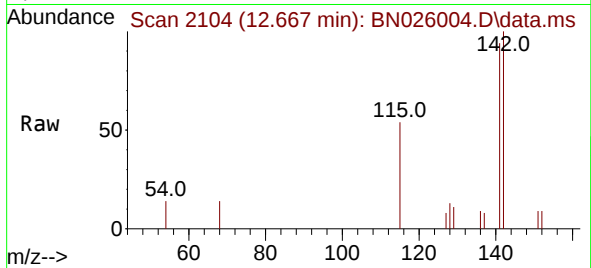
Tgt Ion:142 Resp: 2019
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

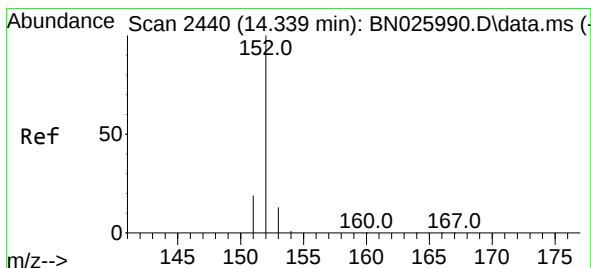
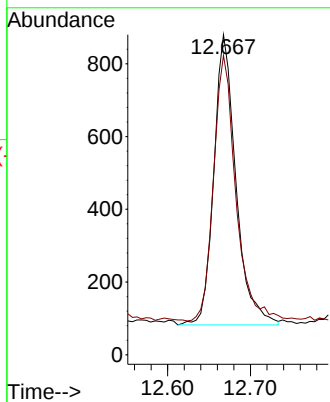
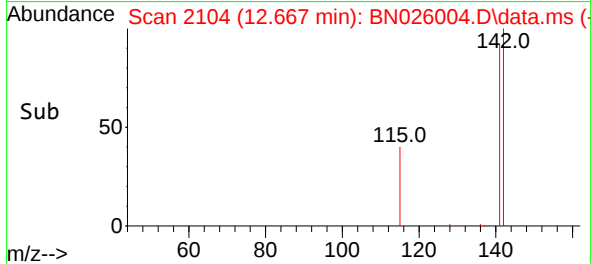
Instrument :
BNA_N
ClientSampleId :
DCFP7DL



Tgt Ion:142 Resp: 1479
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

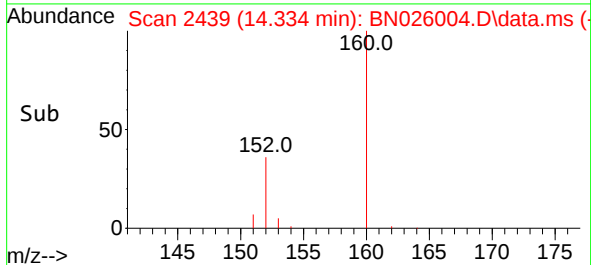
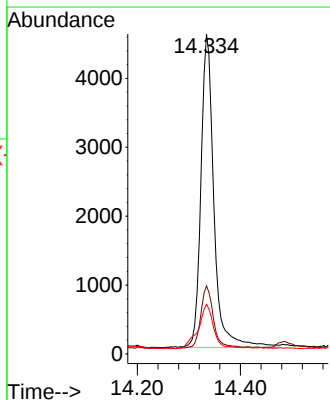
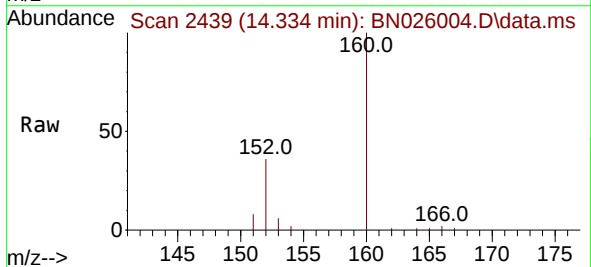
Manual Integrations
APPROVED

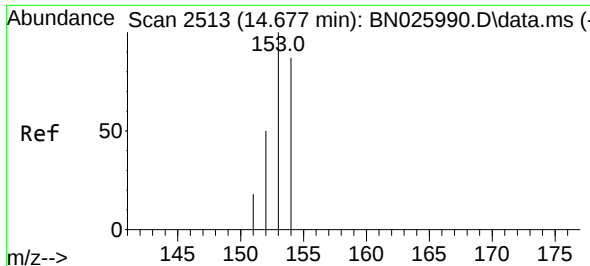
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

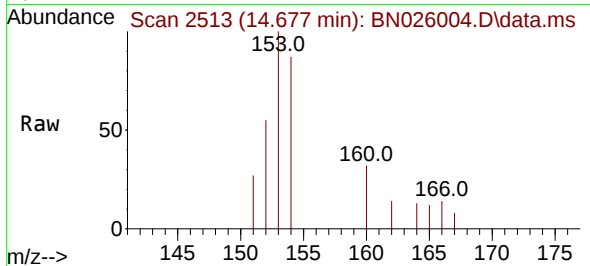
Tgt Ion:152 Resp: 7950
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.4
153 15.5 10.9 16.3





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.677 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

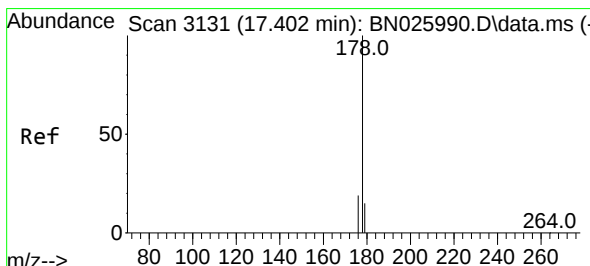
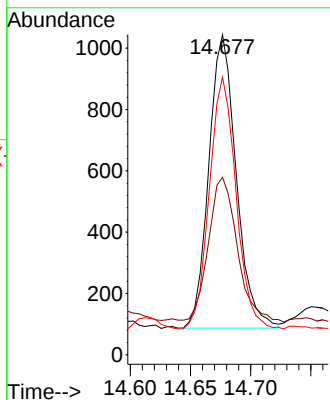
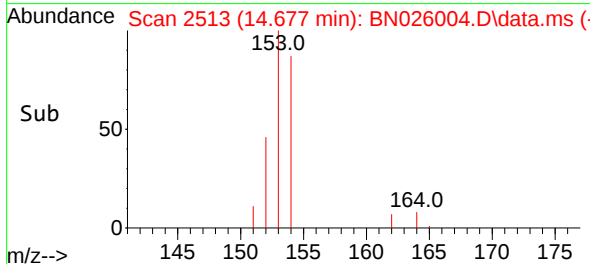
Instrument :
BNA_N
ClientSampleId :
DCFP7DL



Tgt Ion:153 Resp: 1518
Ion Ratio Lower Upper
153 100
152 55.5 39.4 59.0
154 86.7 68.9 103.3

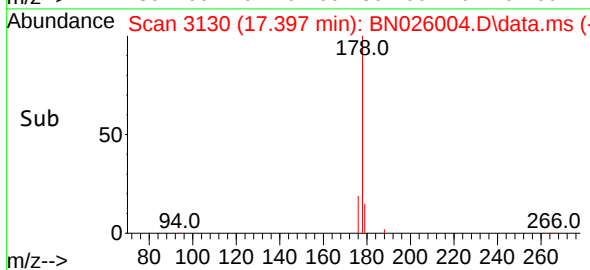
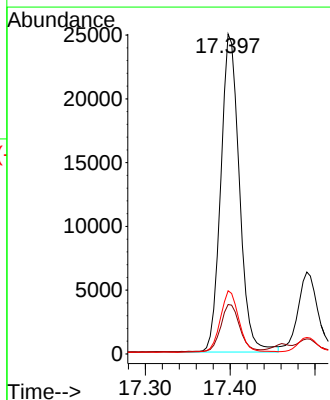
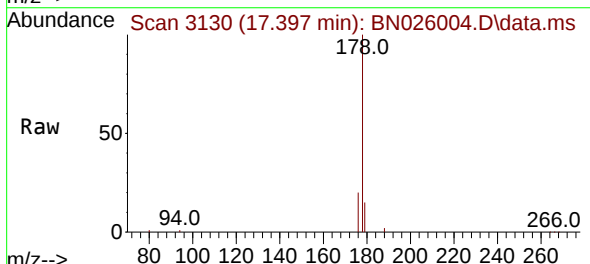
Manual Integrations
APPROVED

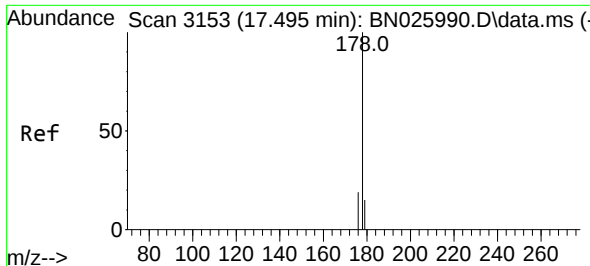
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.397 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

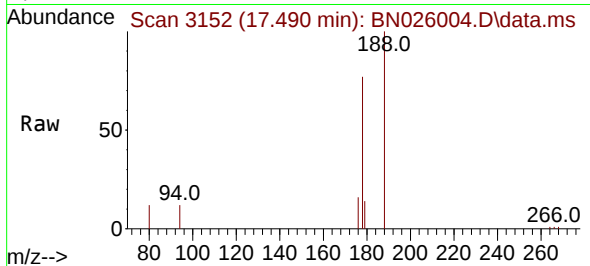
Tgt Ion:178 Resp: 37958
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.7 15.8 23.6





#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.490 min Scan# 3153
 Delta R.T. -0.009 min
 Lab File: BN026004.D
 Acq: 24 Jun 2023 13:47

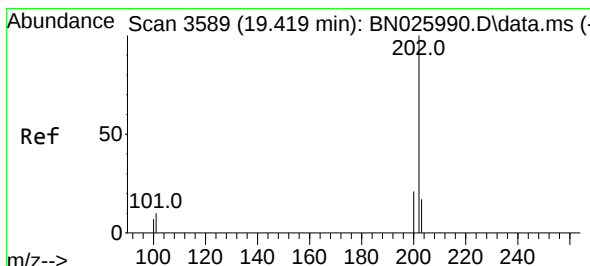
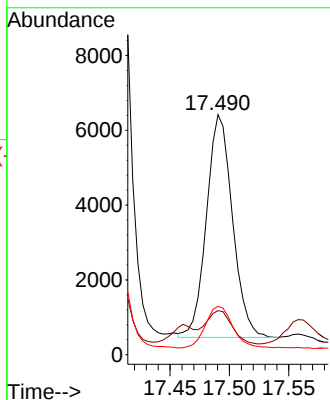
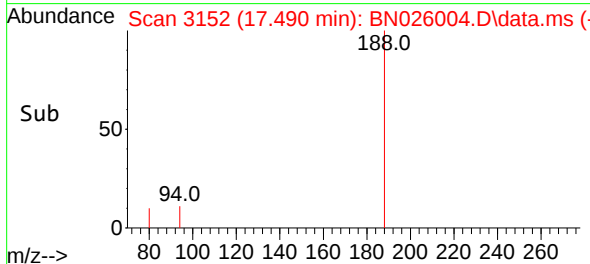
Instrument :
 BNA_N
 ClientSampleId :
 DCFP7DL



Tgt Ion:178 Resp: 9090
 Ion Ratio Lower Upper
 178 100
 179 18.3 12.6 18.8
 176 20.2 15.1 22.7

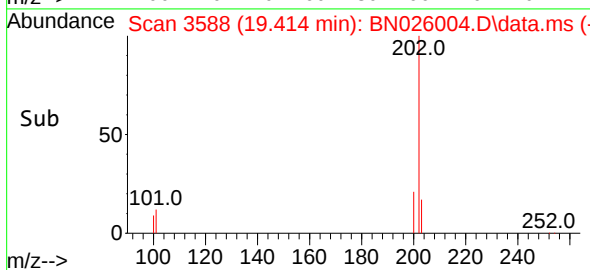
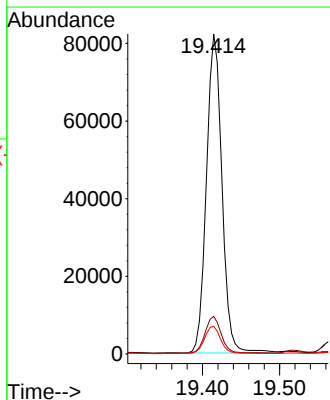
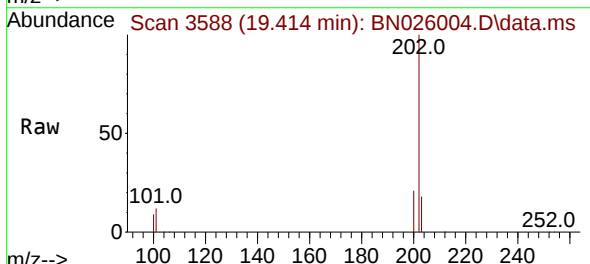
Manual Integrations
 APPROVED

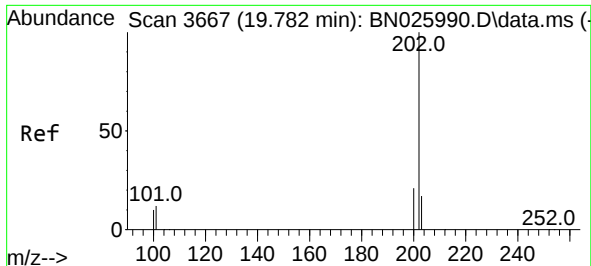
Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023



#19
 Fluoranthene
 Concen: 0.777 ng/ul
 RT: 19.414 min Scan# 3588
 Delta R.T. -0.005 min
 Lab File: BN026004.D
 Acq: 24 Jun 2023 13:47

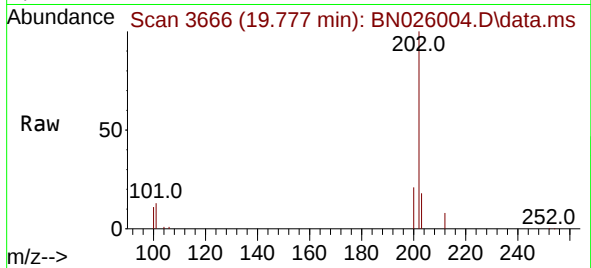
Tgt Ion:202 Resp: 115147
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.5 14.3
 100 8.7 7.3 10.9





#20
Pyrene
Concen: 0.646 ng/ul
RT: 19.777 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

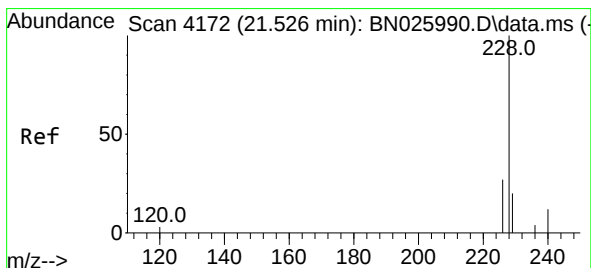
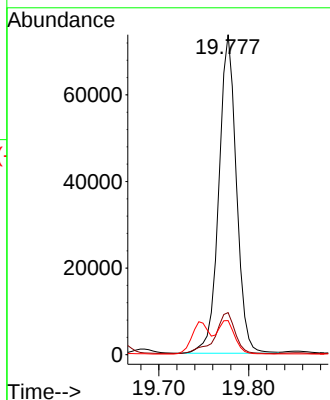
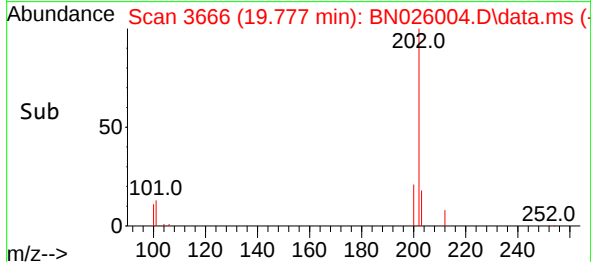
Instrument :
BNA_N
ClientSampleId :
DCFP7DL



Tgt Ion:202 Resp: 99560
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.6 9.1 13.7

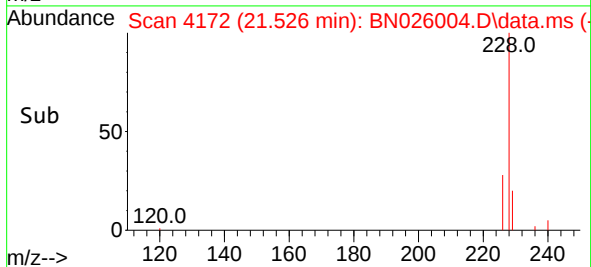
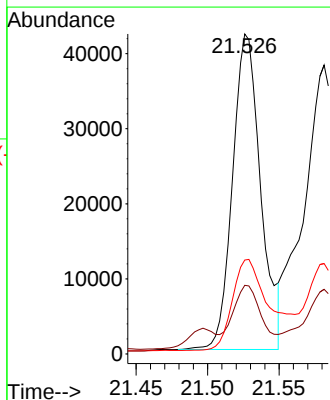
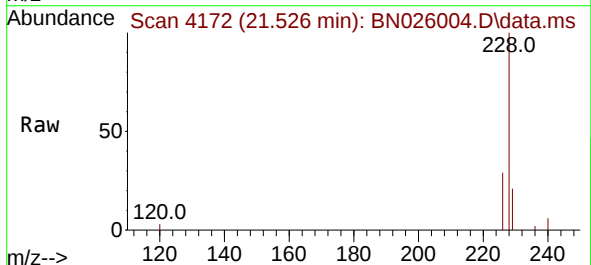
Manual Integrations
APPROVED

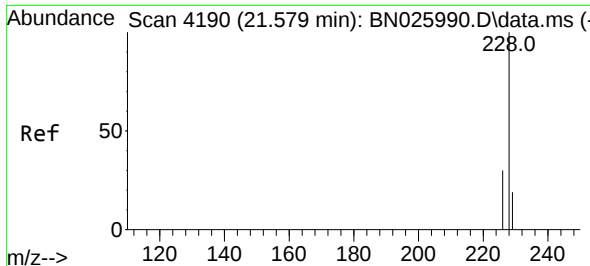
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#21
Benzo(a)anthracene
Concen: 0.504 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

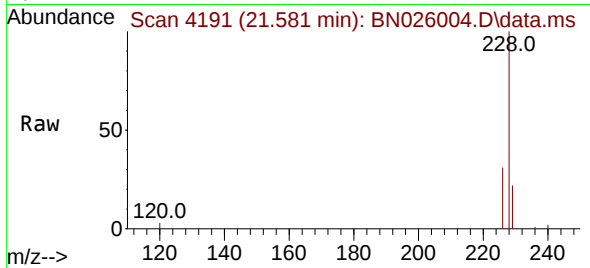
Tgt Ion:228 Resp: 57695
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 29.3 22.5 33.7





#22
Chrysene
Concen: 0.547 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

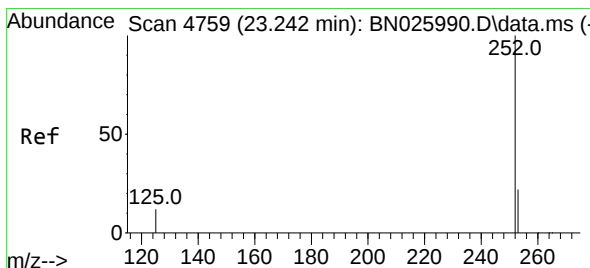
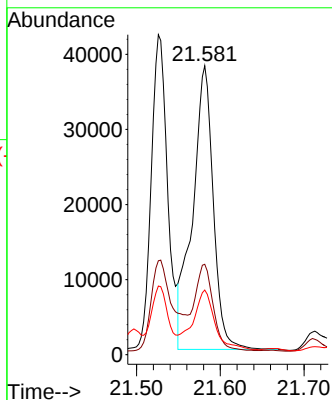
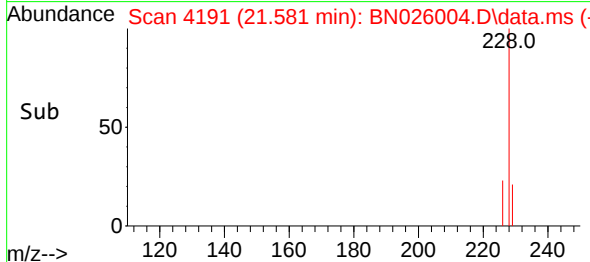
Instrument :
BNA_N
ClientSampleId :
DCFP7DL



Tgt Ion:228 Resp: 65052
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.4 15.7 23.5

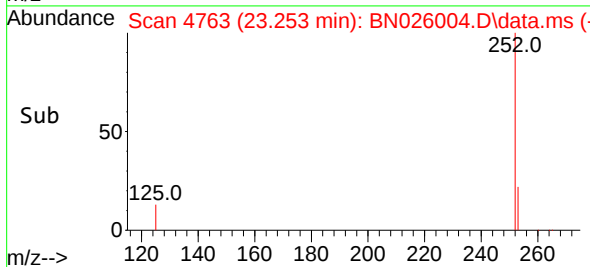
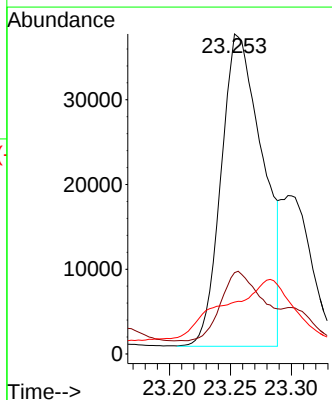
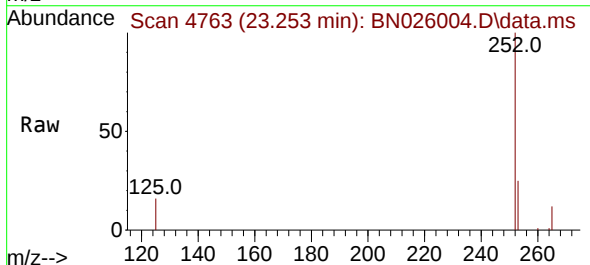
Manual Integrations
APPROVED

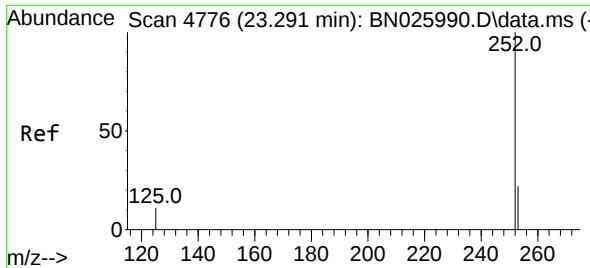
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.864 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

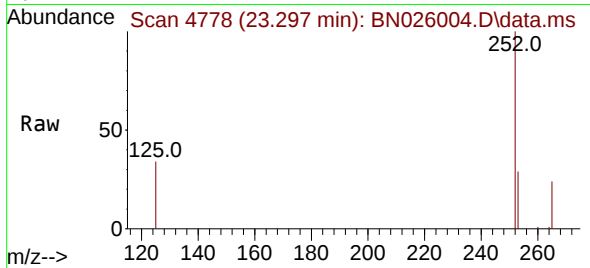
Tgt Ion:252 Resp: 87299
Ion Ratio Lower Upper
252 100
253 25.4 0.0 55.6
125 16.2 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul m
RT: 23.297 min Scan# 4776
Delta R.T. -0.012 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

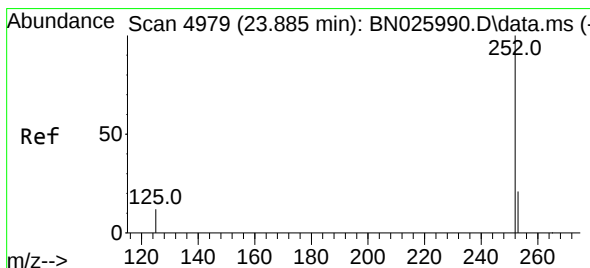
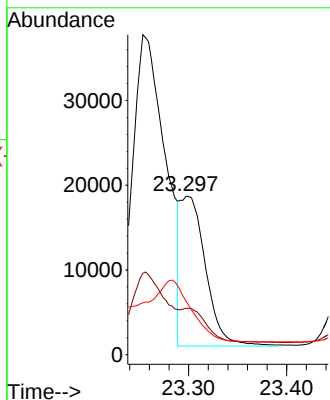
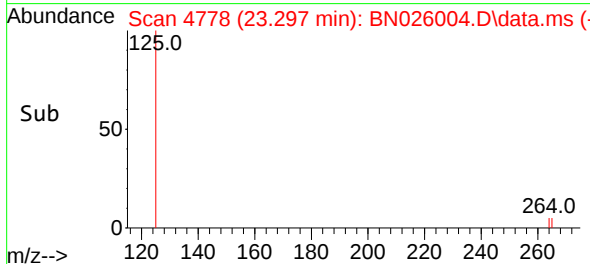
Instrument :
BNA_N
ClientSampleId :
DCFP7DL



Tgt Ion:252 Resp: 32080
Ion Ratio Lower Upper
252 100
253 29.3 23.2 34.8
125 34.1 15.0 22.4

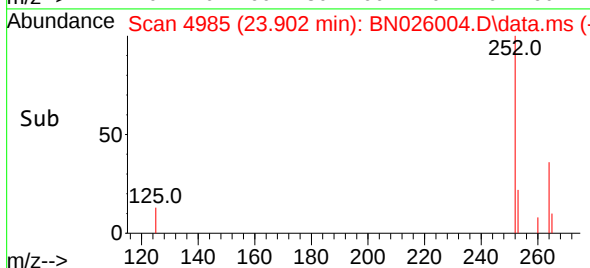
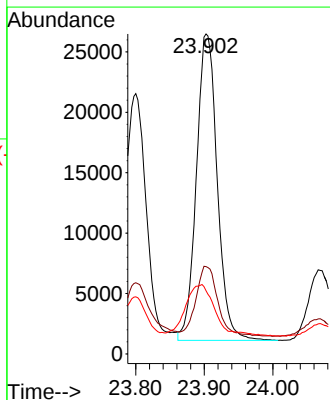
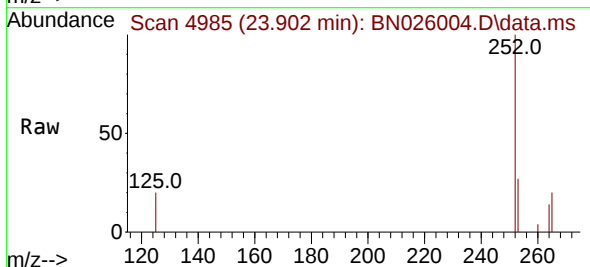
Manual Integrations
APPROVED

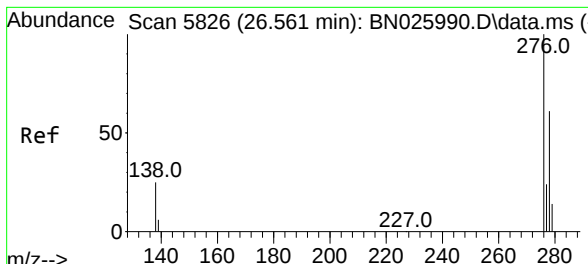
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#26
Benzo(a)pyrene
Concen: 0.610 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

Tgt Ion:252 Resp: 53497
Ion Ratio Lower Upper
252 100
253 27.3 26.0 39.0
125 19.7 17.3 25.9





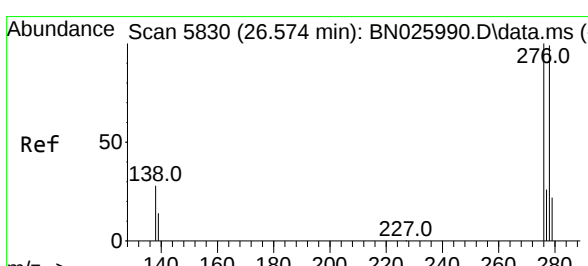
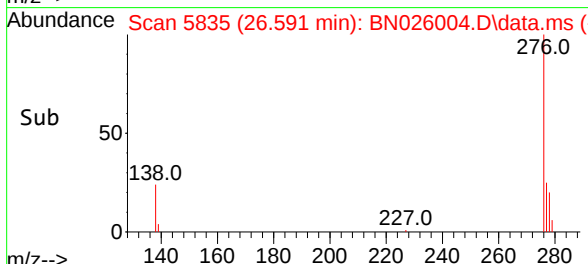
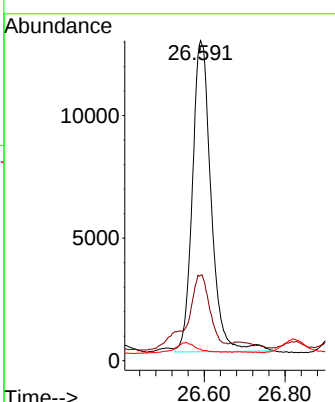
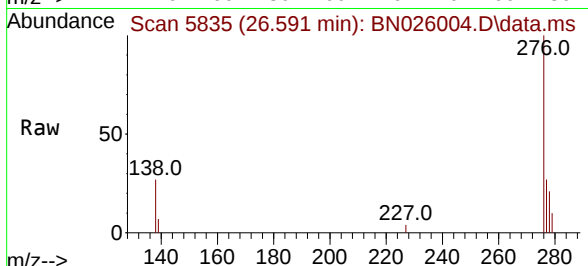
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.425 ng/ul
 RT: 26.591 min Scan# 5835
 Delta R.T. -0.003 min
 Lab File: BN026004.D
 Acq: 24 Jun 2023 13:47

Instrument : BNA_N
 ClientSampleId : DCFP7DL

Tgt Ion:	276	Resp:	4073
Ion Ratio	Lower	Upper	
276	100		
138	33.9	24.5	36.7
227	0.0	0.0	0.0

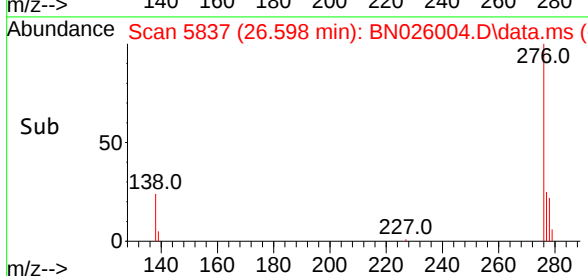
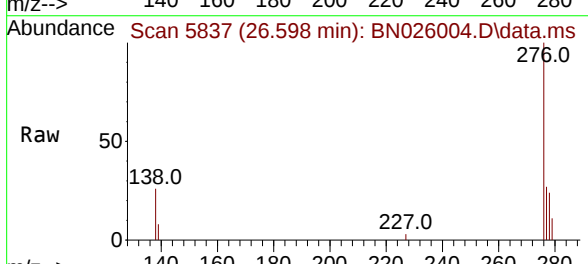
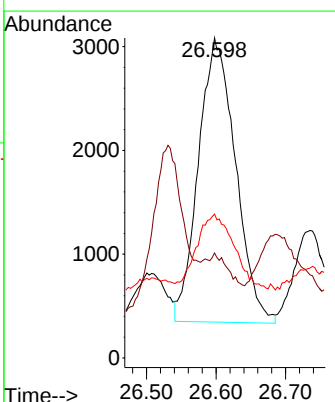
Manual Integrations
 APPROVED

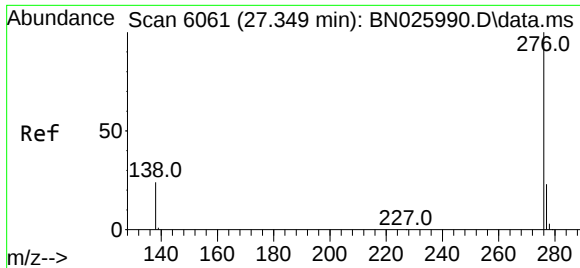
Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.140 ng/ul
 RT: 26.598 min Scan# 5837
 Delta R.T. -0.024 min
 Lab File: BN026004.D
 Acq: 24 Jun 2023 13:47

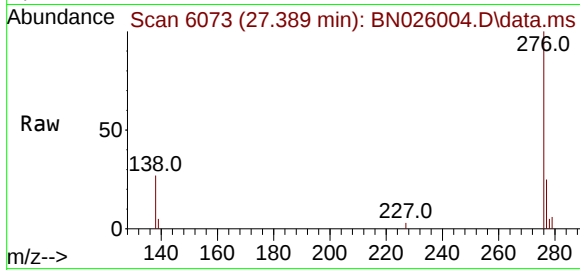
Tgt Ion:	278	Resp:	10132
Ion Ratio	Lower	Upper	
278	100		
139	32.8	19.0	28.4#
279	44.9	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.389 min Scan# 6061
Delta R.T. 0.003 min
Lab File: BN026004.D
Acq: 24 Jun 2023 13:47

Instrument :
BNA_N
ClientSampleId :
DCFP7DL



Tgt Ion:276 Resp: 3858
Ion Ratio Lower Upper
276 100
138 27.0 23.4 35.0
277 25.4 20.0 30.0

Manual Integrations
APPROVED

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

