

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032452.D
 Acq On : 04 Jul 2024 00:47
 Operator : MA/JU
 Sample : P2963-21DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B44DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 01:15:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	6663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	20240	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	11201	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20112	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	15128	0.400	ng/ul	# 0.00
23) Perylene-d12	23.424	264	17211m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	6944	0.938	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1904	0.063	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	3376	0.074	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.966	152	1986	0.043	ng/ul#	84
11) Acenaphthene	14.313	153	796	0.022	ng/ul	96
12) Fluorene	15.303	166	1289	0.030	ng/ul#	96
15) Phenanthrene	17.046	178	21878	0.397	ng/ul	99
16) Anthracene	17.139	178	5495	0.112	ng/ul#	92
19) Fluoranthene	19.073	202	43314	0.752	ng/ul	99
20) Pyrene	19.436	202	39652	0.659	ng/ul	100
21) Benzo(a)anthracene	21.194	228	21322	0.391	ng/ul	94
22) Chrysene	21.247	228	19555m	0.326	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	30178m	0.404	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	10713m	0.147	ng/ul	
26) Benzo(a)pyrene	23.325	252	20823	0.400	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.660	276	16041	0.197	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.666	278	3550	0.059	ng/ul#	1
29) Benzo(g,h,i)perylene	26.351	276	15839	0.244	ng/ul#	87

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

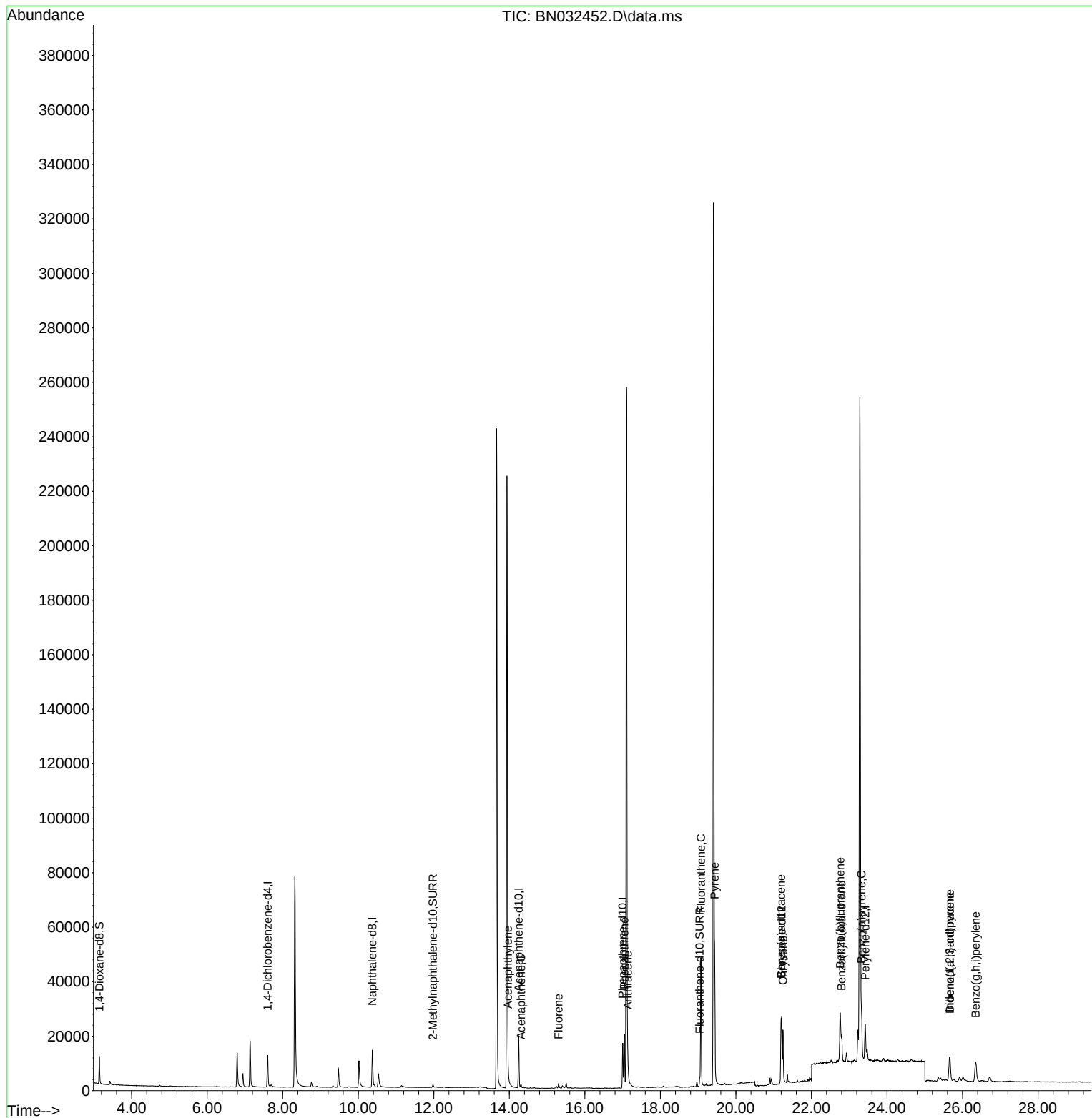
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032452.D
Acq On : 04 Jul 2024 00:47
Operator : MA/JU
Sample : P2963-21DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

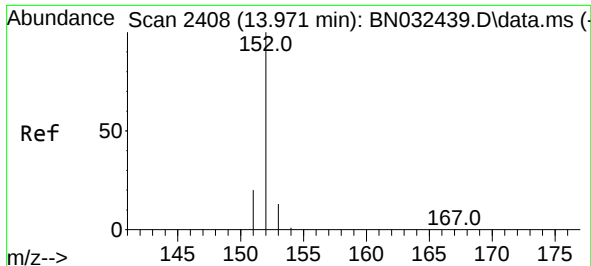
Instrument :
BNA_N
ClientSampleId :
A4B44DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

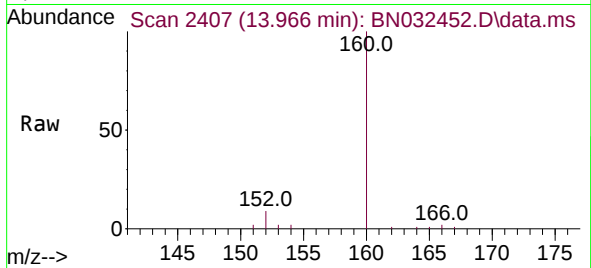
Quant Time: Jul 04 01:15:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

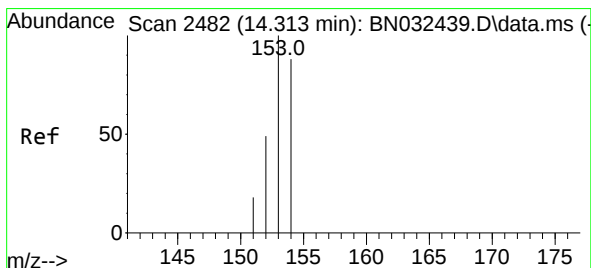
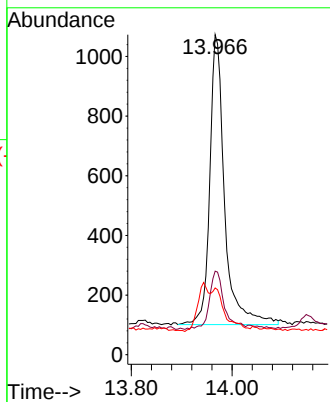
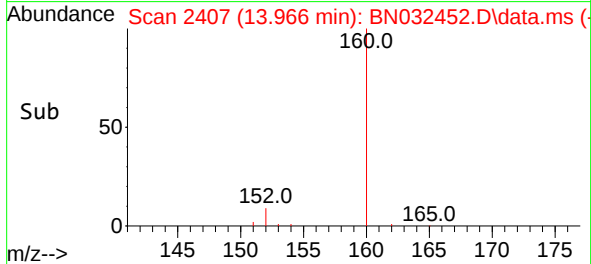
Instrument :
BNA_N
ClientSampleId :
A4B44DL



Tgt Ion:152 Resp: 1980
Ion Ratio Lower Upper
152 100
151 26.1 15.7 23.5
153 20.9 10.9 16.3

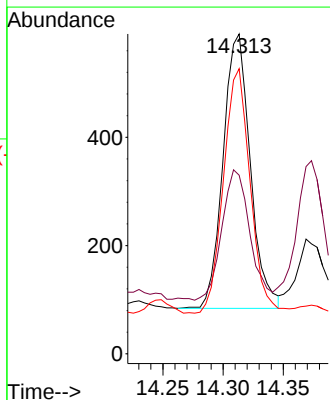
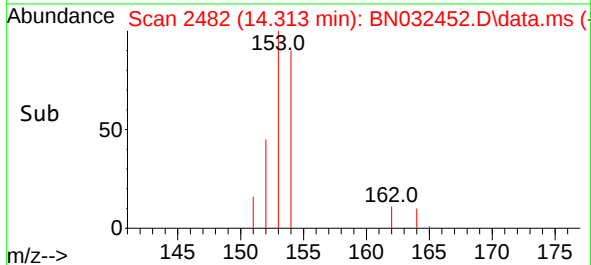
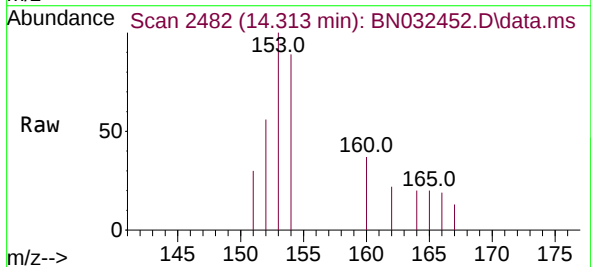
Manual Integrations
APPROVED

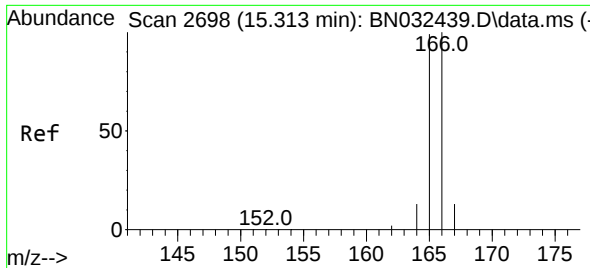
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

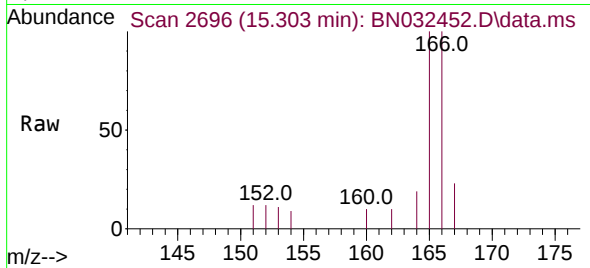
Tgt Ion:153 Resp: 796
Ion Ratio Lower Upper
153 100
152 55.8 39.5 59.3
154 89.2 71.7 107.5





#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

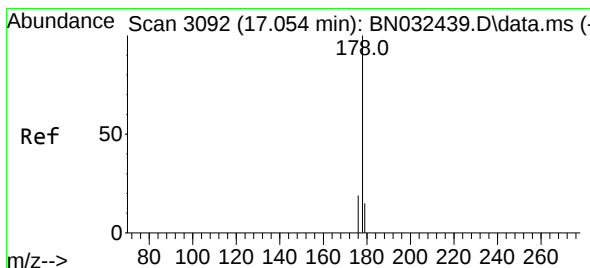
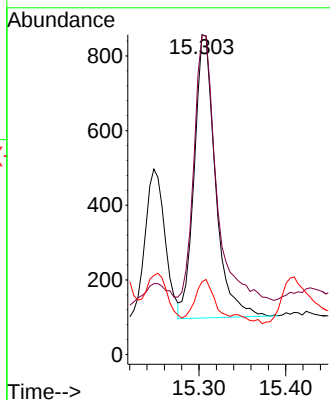
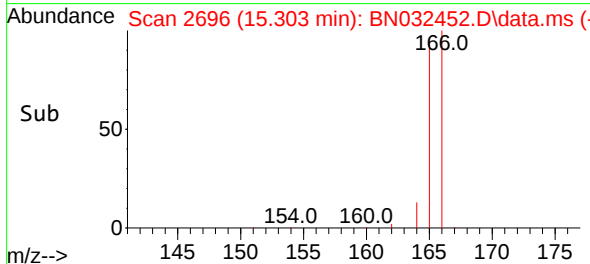
Instrument :
BNA_N
ClientSampleId :
A4B44DL



Tgt Ion:166 Resp: 1289
Ion Ratio Lower Upper
166 100
165 99.8 79.0 118.6
167 22.8 11.0 16.6

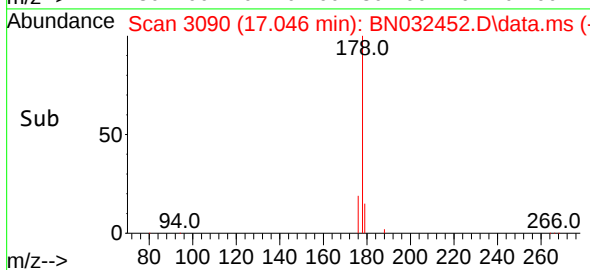
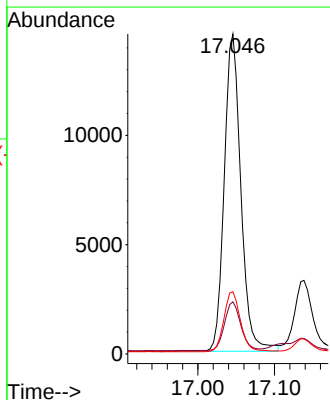
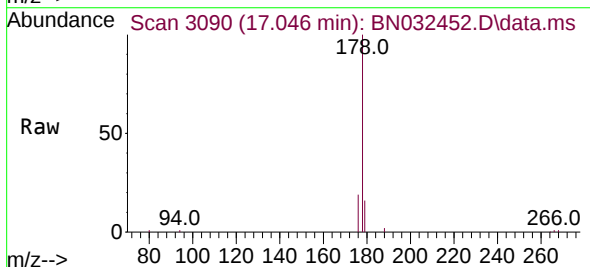
Manual Integrations
APPROVED

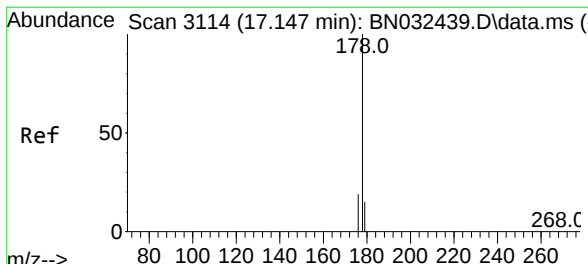
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.046 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

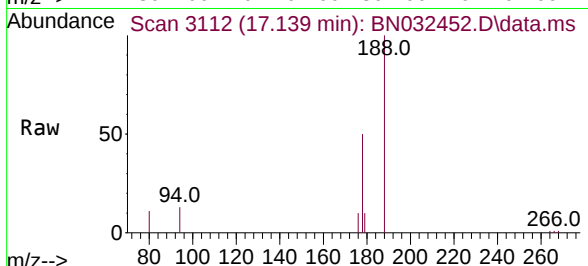
Tgt Ion:178 Resp: 21878
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.5 15.6 23.4





#16
 Anthracene
 Concen: 0.112 ng/ul
 RT: 17.139 min Scan# 3112
 Delta R.T. -0.004 min
 Lab File: BN032452.D
 Acq: 04 Jul 2024 00:47

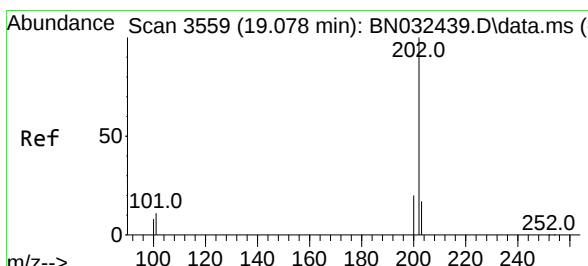
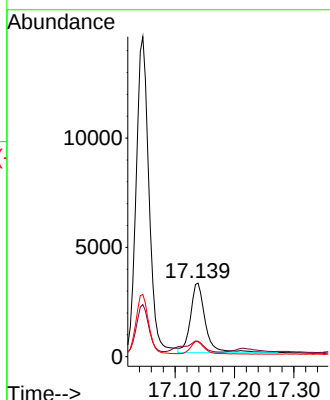
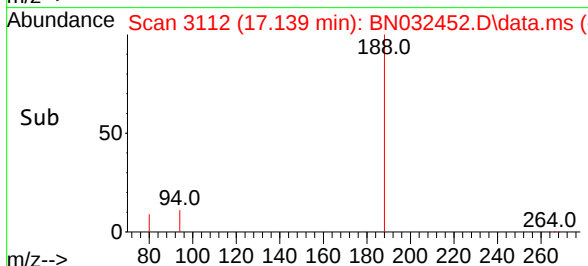
Instrument :
 BNA_N
 ClientSampleId :
 A4B44DL



Tgt Ion:178 Resp: 5495
 Ion Ratio Lower Upper
 178 100
 179 21.1 12.5 18.7
 176 20.2 15.0 22.6

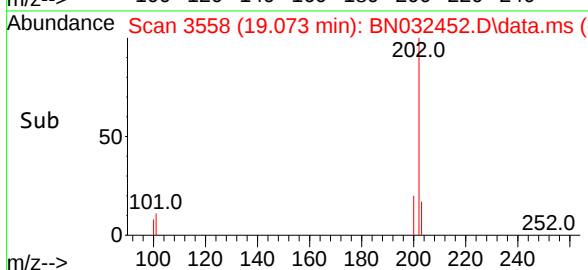
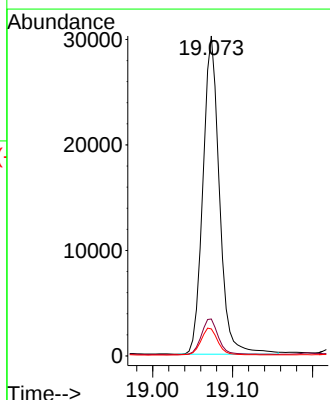
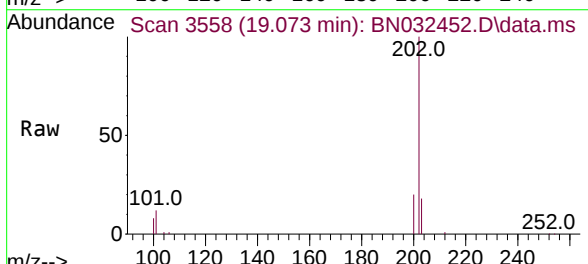
Manual Integrations
 APPROVED

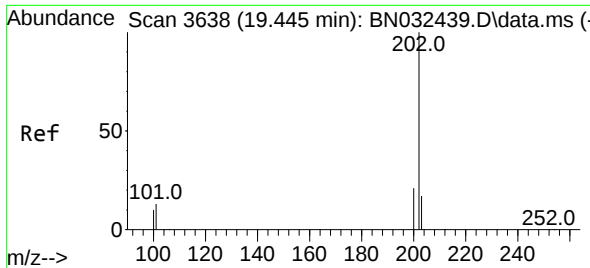
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 0.752 ng/ul
 RT: 19.073 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BN032452.D
 Acq: 04 Jul 2024 00:47

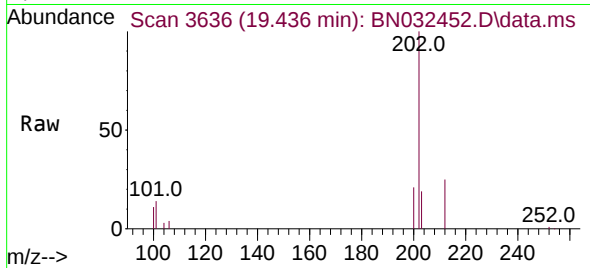
Tgt Ion:202 Resp: 43314
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.8 13.2
 100 8.5 6.4 9.6





#20
Pyrene
Concen: 0.659 ng/ul
RT: 19.436 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

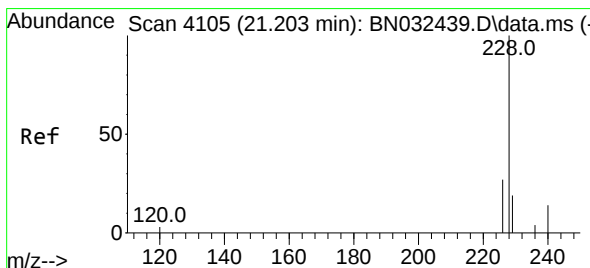
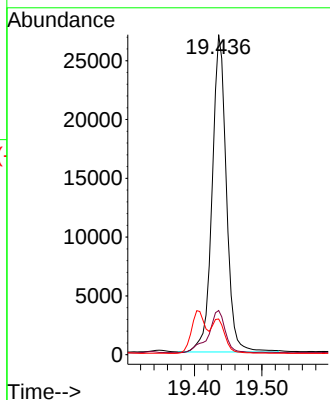
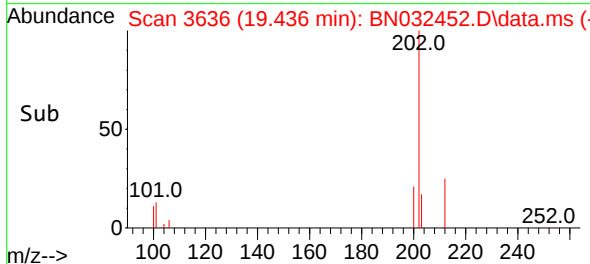
Instrument :
BNA_N
ClientSampleId :
A4B44DL



Tgt Ion:202 Resp: 3965
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.2 8.7 13.1

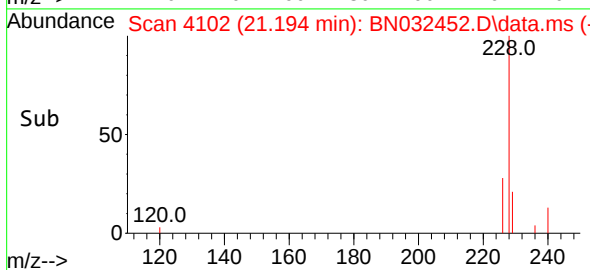
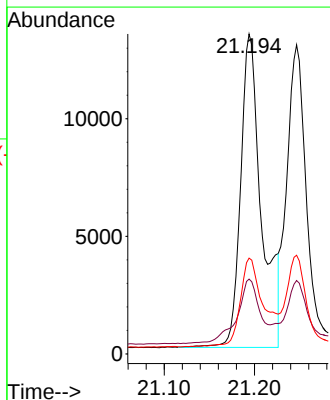
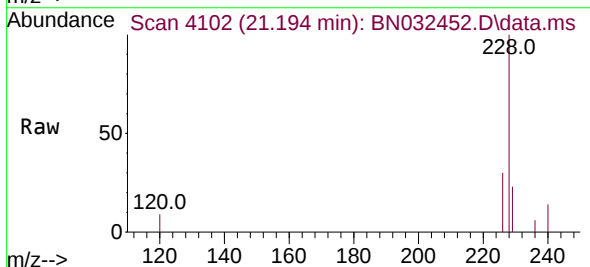
Manual Integrations
APPROVED

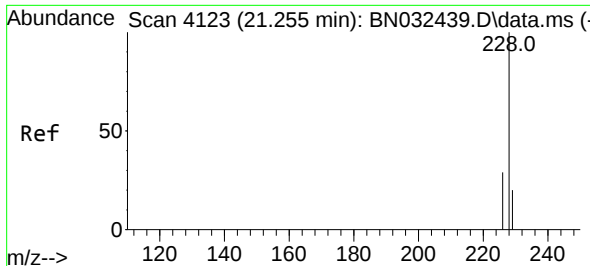
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. 0.003 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

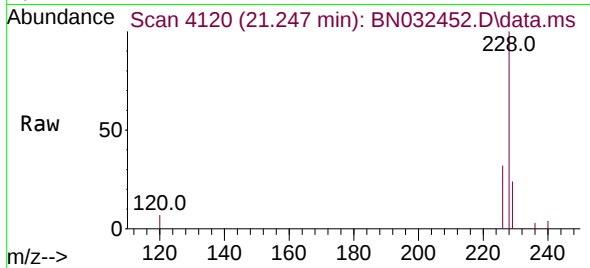
Tgt Ion:228 Resp: 21322
Ion Ratio Lower Upper
228 100
229 23.4 15.7 23.5
226 29.9 21.8 32.8





#22
Chrysene
Concen: 0.326 ng/ul m
RT: 21.247 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

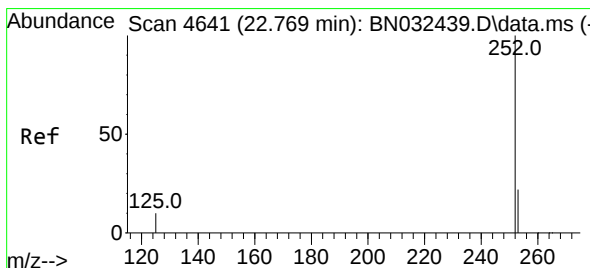
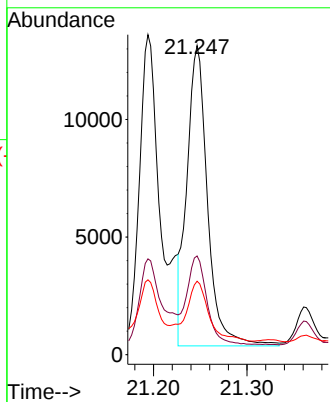
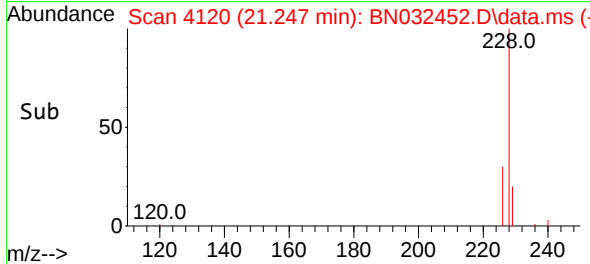
Instrument :
BNA_N
ClientSampleId :
A4B44DL



Tgt Ion:228 Resp: 1955
Ion Ratio Lower Upper
228 100
226 31.9 23.6 35.4
229 23.8 15.7 23.5

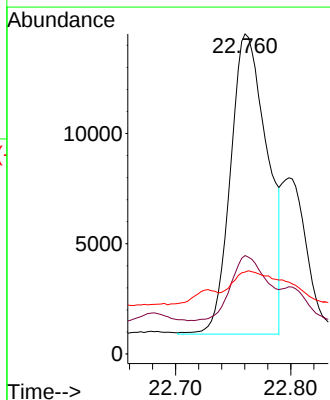
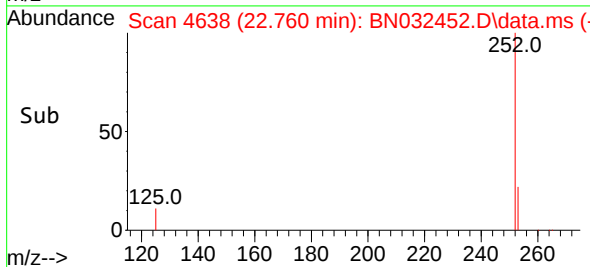
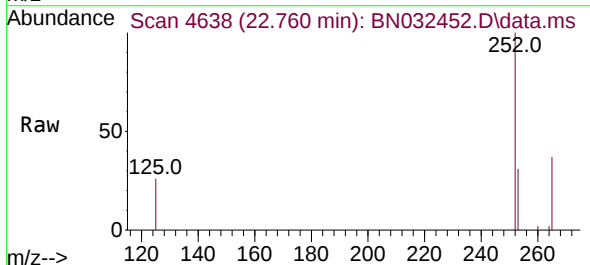
Manual Integrations
APPROVED

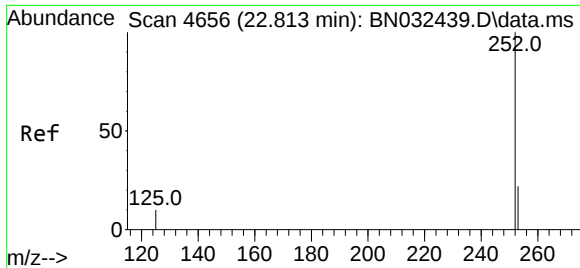
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

Tgt Ion:252 Resp: 30178
Ion Ratio Lower Upper
252 100
253 30.7 0.0 50.2
125 25.6 0.0 32.0





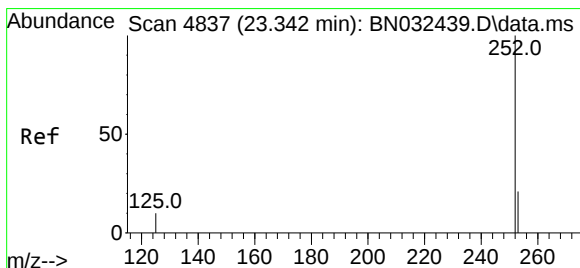
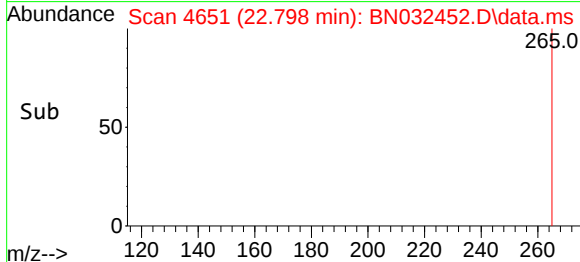
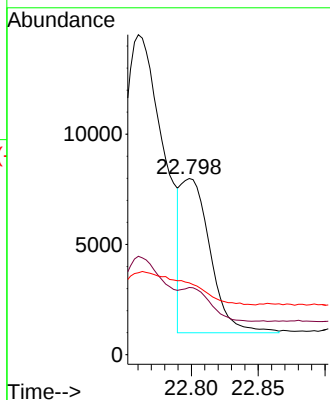
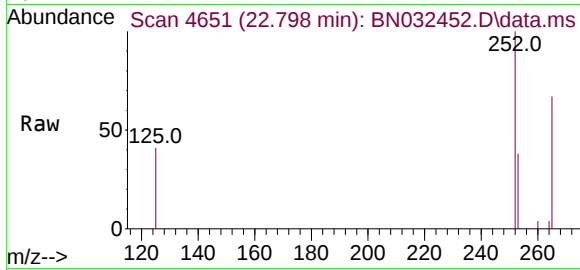
#25
Benzo(k)fluoranthene
Concen: 0.147 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

Instrument :
BNA_N
ClientSampleId :
A4B44DL

Tgt Ion:252 Resp: 10711
Ion Ratio Lower Upper
252 100
253 38.1 20.3 30.5
125 40.8 12.8 19.2

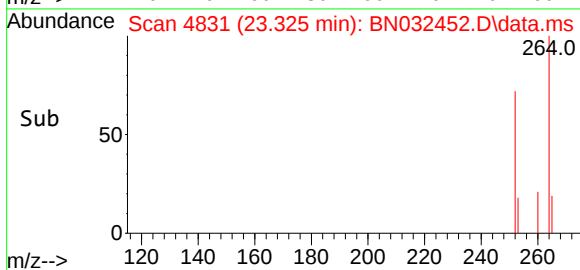
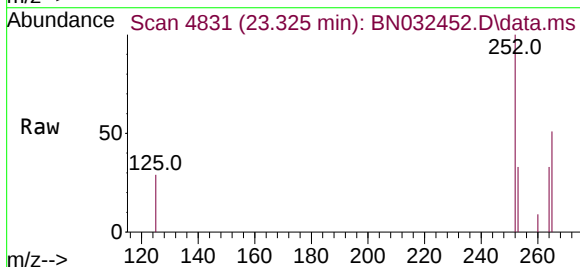
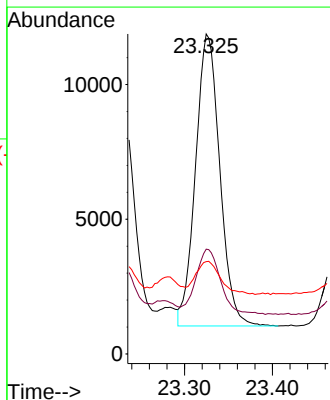
Manual Integrations
APPROVED

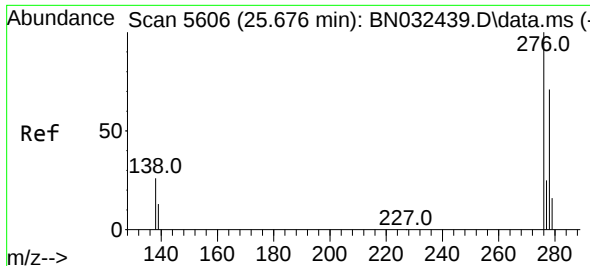
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.325 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

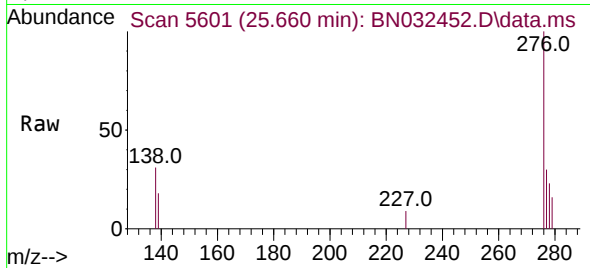
Tgt Ion:252 Resp: 20823
Ion Ratio Lower Upper
252 100
253 32.8 22.2 33.2
125 28.8 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 25.660 min Scan# 5606
Delta R.T. 0.000 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47

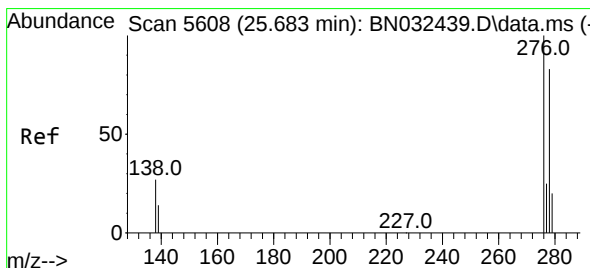
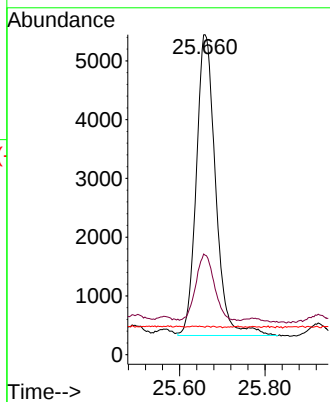
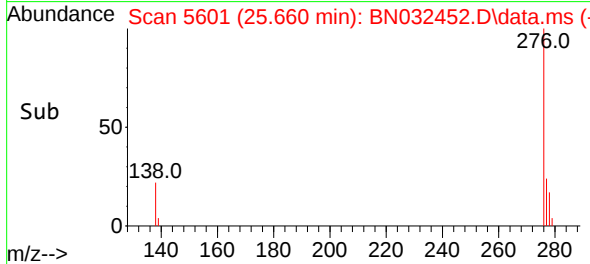
Instrument :
BNA_N
ClientSampleId :
A4B44DL



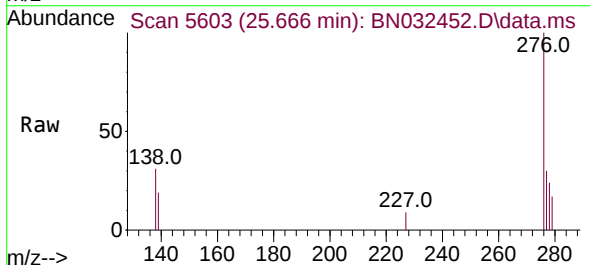
Tgt Ion:276 Resp: 1604
Ion Ratio Lower Upper
276 100
138 21.4 21.3 31.9
227 0.1 0.1 0.1

Manual Integrations
APPROVED

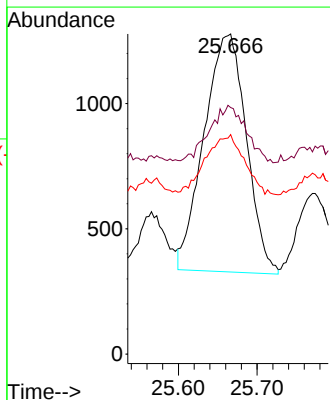
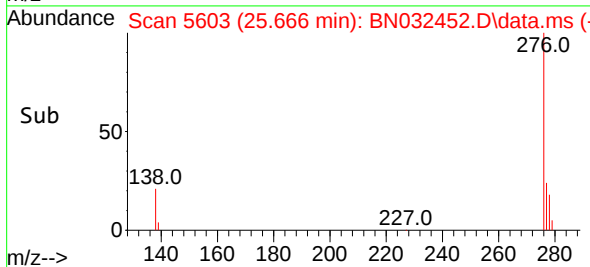
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

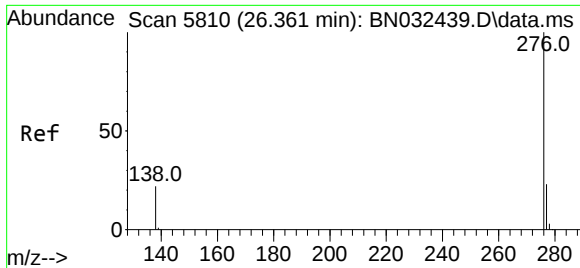


#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. 0.000 min
Lab File: BN032452.D
Acq: 04 Jul 2024 00:47



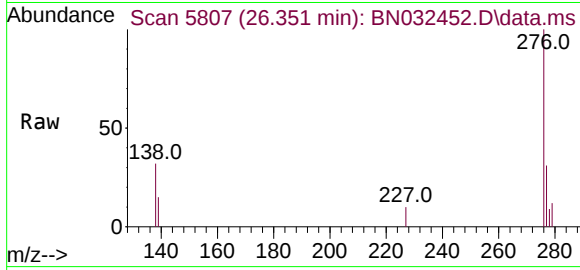
Tgt Ion:278 Resp: 3550
Ion Ratio Lower Upper
278 100
139 77.0 15.9 23.9#
279 68.5 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.244 ng/ul
 RT: 26.351 min Scan# 5807
 Delta R.T. 0.007 min
 Lab File: BN032452.D
 Acq: 04 Jul 2024 00:47

Instrument :
 BNA_N
 ClientSampleId :
 A4B44DL



Tgt Ion:	276	Resp:	15839
Ion Ratio	Lower	Upper	
276	100		
138	32.1	19.8	29.6
277	30.5	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

