

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032397.D
 Acq On : 02 Jul 2024 12:58
 Operator : MA/JU
 Sample : P2871-03MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C66MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 14:31:00 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8037	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.381	136	26011	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	15521	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	30369	0.400	ng/ul	-0.02
17) Chrysene-d12	21.216	240	17602	0.400	ng/ul	#-0.01
23) Perylene-d12	23.434	264	23219m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	3894	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	11121	0.285	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	20525	0.388	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	9198	0.905	ng/ul	92
5) Naphthalene	10.430	128	32471	0.472	ng/ul	100
7) 2-Methylnaphthalene	12.052	142	20289	0.445	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	21204	0.448	ng/ul	99
10) Acenaphthylene	13.974	152	61522	0.953	ng/ul	99
11) Acenaphthene	14.317	153	42523	0.849	ng/ul	99
12) Fluorene	15.307	166	64518	1.081	ng/ul	100
14) Pentachlorophenol	16.668	266	3926	0.571	ng/ul	98
15) Phenanthrene	17.048	178	1057665	12.703	ng/ul	99
16) Anthracene	17.141	178	219046	2.950	ng/ul	99
19) Fluoranthene	19.077	202	1728724	25.791	ng/ul	98
20) Pyrene	19.444	202	1217636	17.383	ng/ul	98
21) Benzo(a)anthracene	21.198	228	664763	10.464	ng/ul	98
22) Chrysene	21.251	228	678039	9.724	ng/ul	97
24) Benzo(b)fluoranthene	22.771	252	900690m	8.929	ng/ul	
25) Benzo(k)fluoranthene	22.811	252	350461m	3.576	ng/ul	
26) Benzo(a)pyrene	23.338	252	376387	5.363	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.668	276	359292	3.269	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.675	278	127963	1.567	ng/ul#	91
29) Benzo(g,h,i)perylene	26.359	276	53136	0.607	ng/ul#	82

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

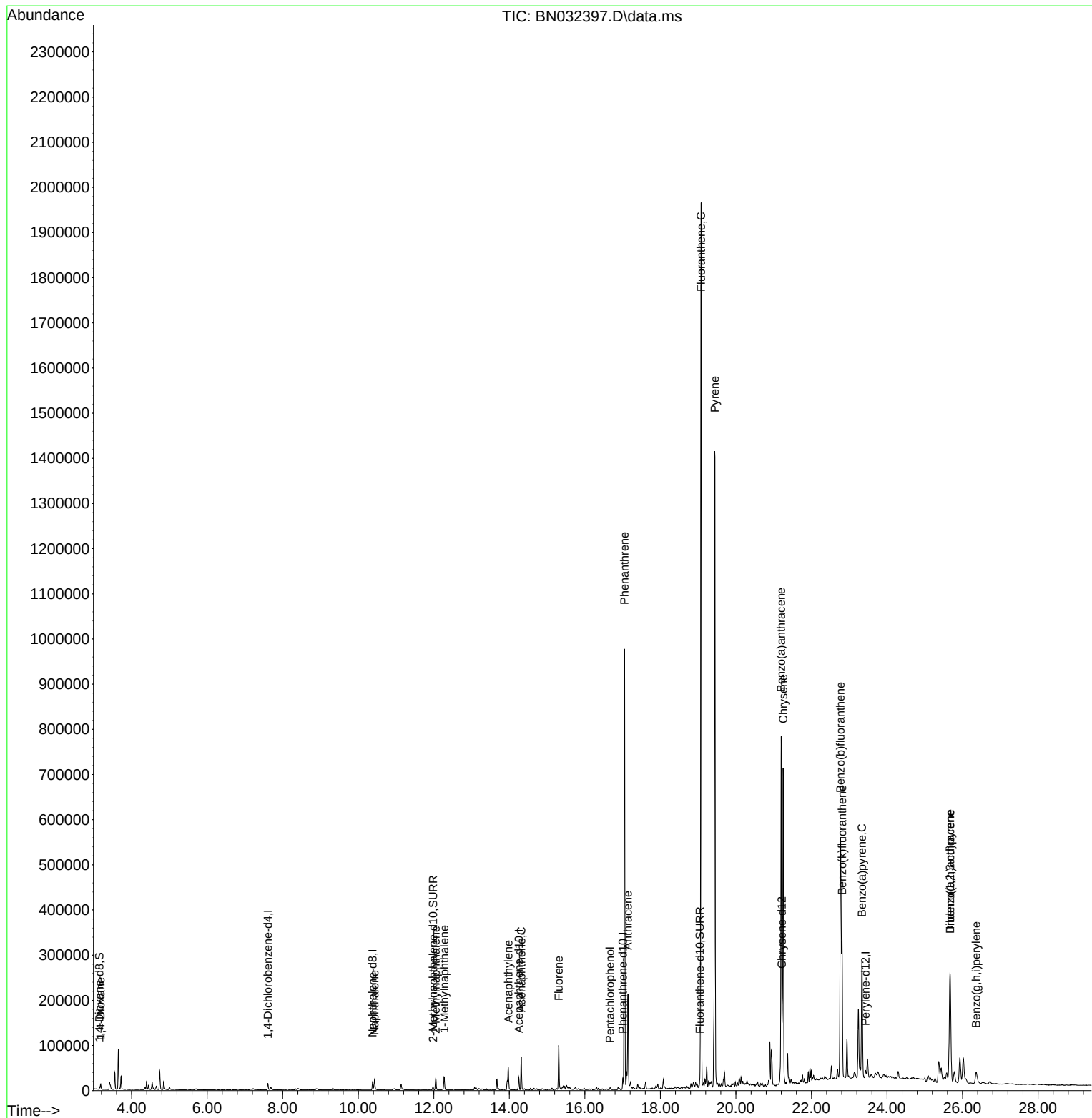
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032397.D
Acq On : 02 Jul 2024 12:58
Operator : MA/JU
Sample : P2871-03MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

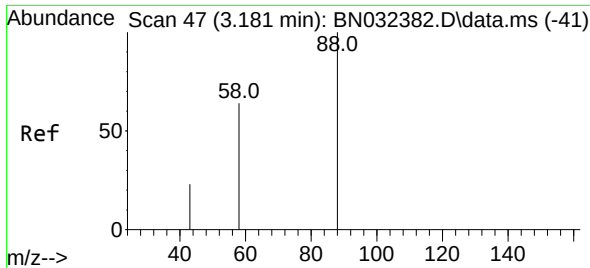
Instrument :
BNA_N
ClientSampleId :
A4C66MSD

Quant Time: Jul 02 14:31:00 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

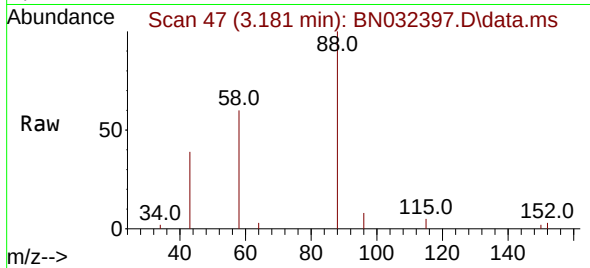
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024





#2
1,4-Dioxane
Concen: 0.905 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

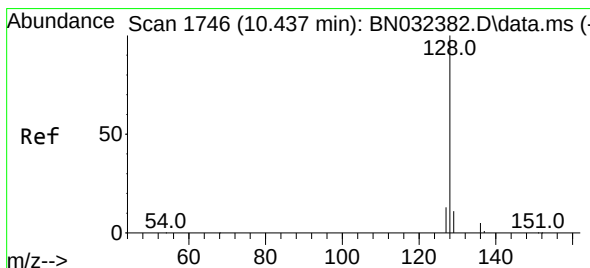
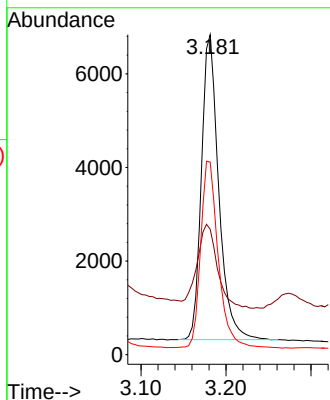
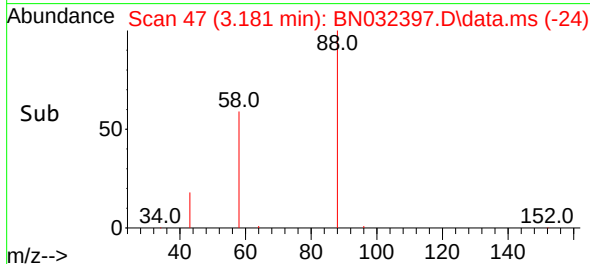
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



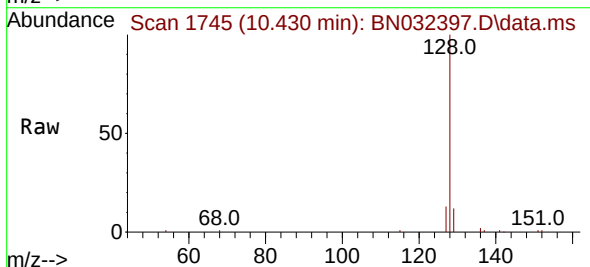
Tgt Ion: 88 Resp: 9198
Ion Ratio Lower Upper
88 100
43 39.2 28.4 42.6
58 60.2 43.3 64.9

Manual Integrations
APPROVED

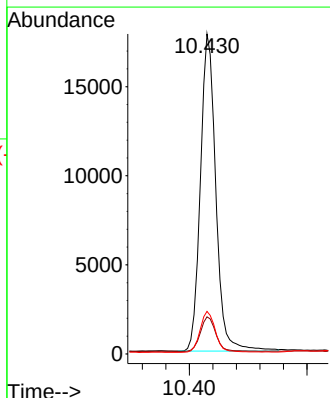
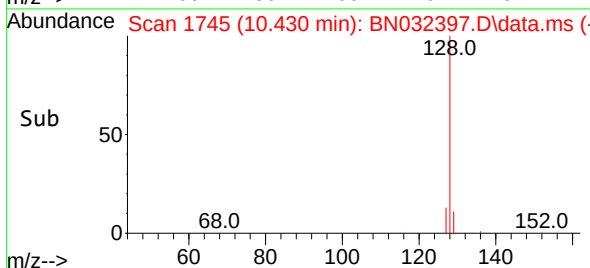
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

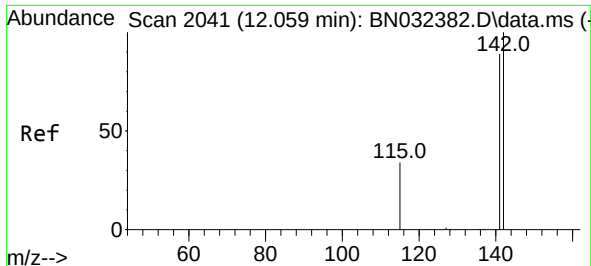


#5
Naphthalene
Concen: 0.472 ng/ul
RT: 10.430 min Scan# 1745
Delta R.T. -0.018 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58



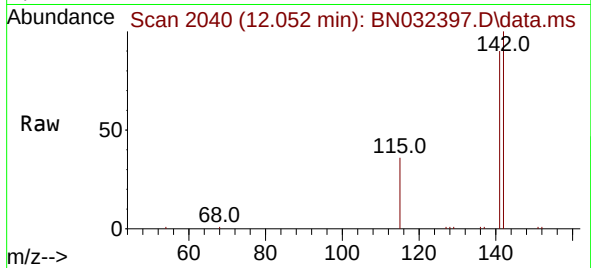
Tgt Ion:128 Resp: 32471
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.445 ng/ul
RT: 12.052 min Scan# 2041
Delta R.T. -0.023 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

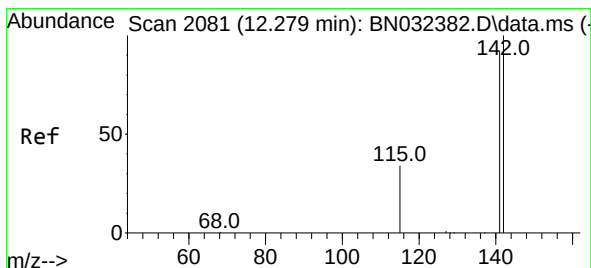
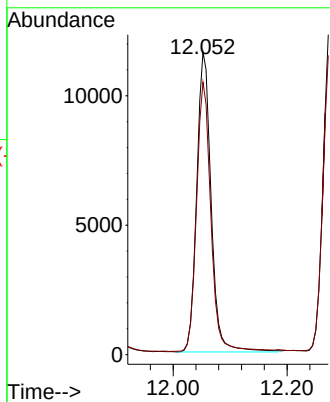
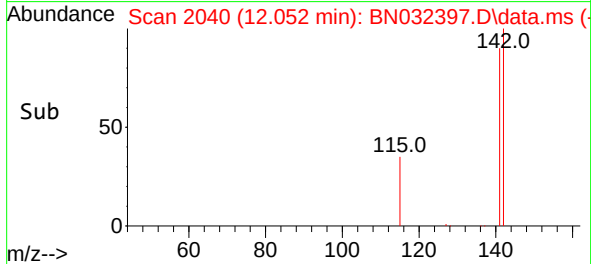
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



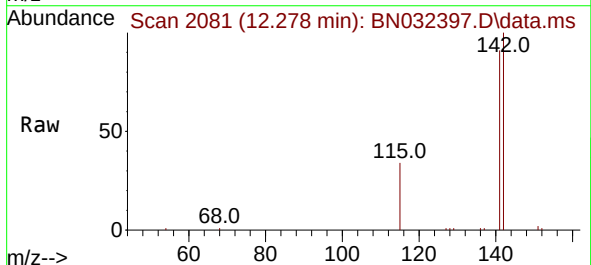
Tgt Ion:142 Resp: 20289
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2

Manual Integrations
APPROVED

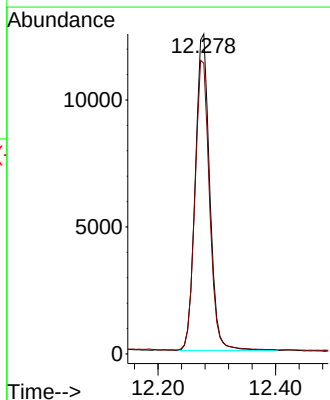
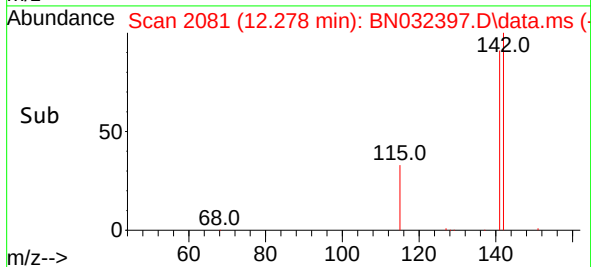
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

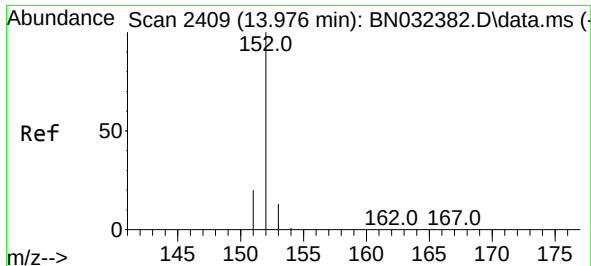


#8
1-Methylnaphthalene
Concen: 0.448 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58



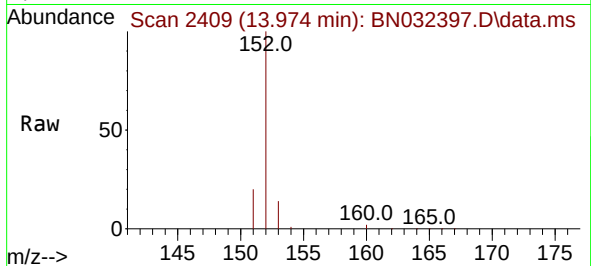
Tgt Ion:142 Resp: 21204
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0





#10
Acenaphthylene
Concen: 0.953 ng/u1
RT: 13.974 min Scan# 2409
Delta R.T. -0.015 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

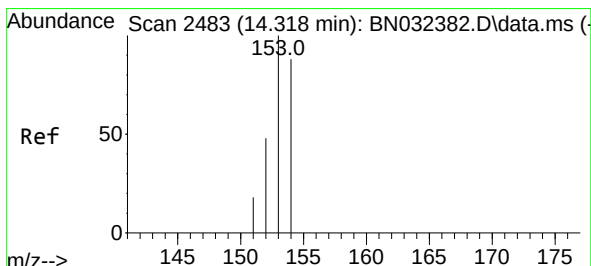
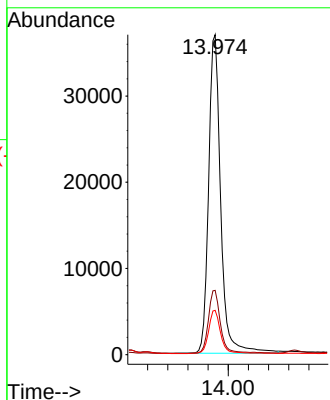
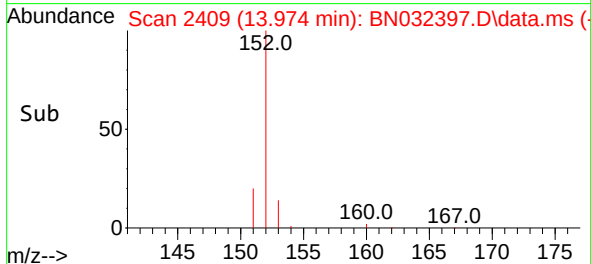
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



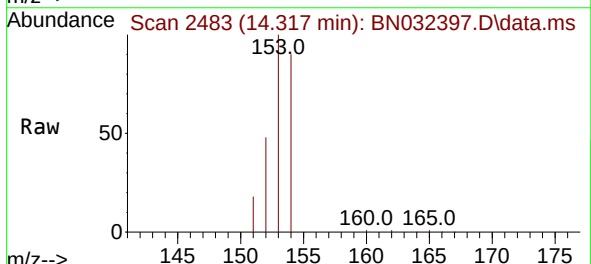
Tgt Ion:152 Resp: 6152
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.9 10.9 16.3

Manual Integrations
APPROVED

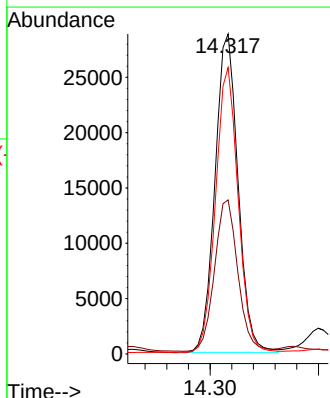
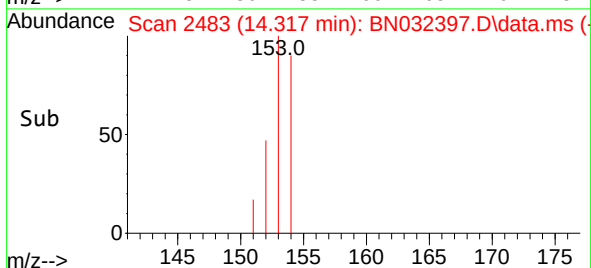
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

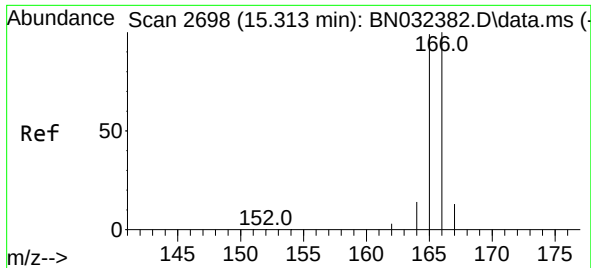


#11
Acenaphthene
Concen: 0.849 ng/u1
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58



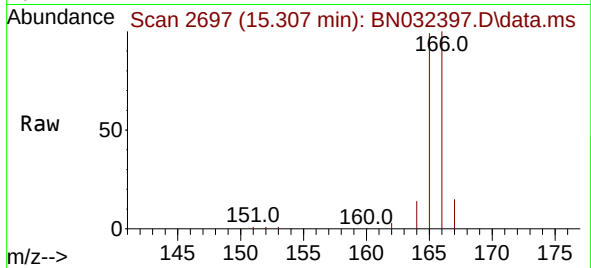
Tgt Ion:153 Resp: 42523
Ion Ratio Lower Upper
153 100
152 48.2 39.5 59.3
154 89.5 71.7 107.5





#12
Fluorene
Concen: 1.081 ng/ul
RT: 15.307 min Scan# 2697
Delta R.T. -0.020 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

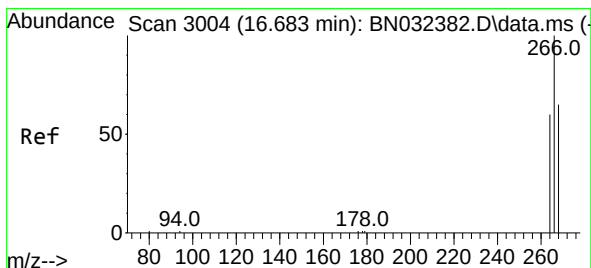
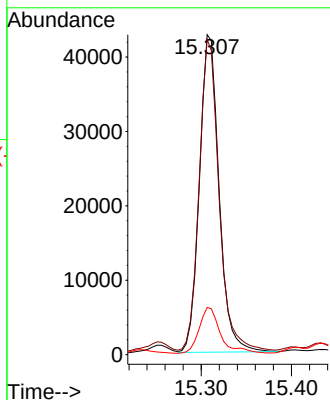
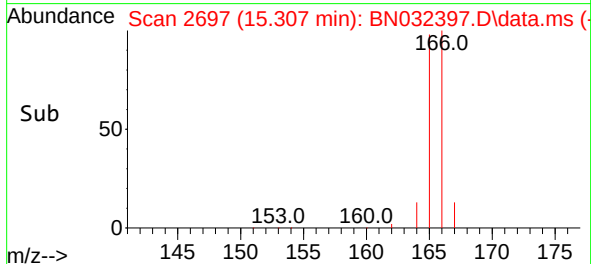
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



Tgt Ion:166 Resp: 64518
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 14.7 11.0 16.6

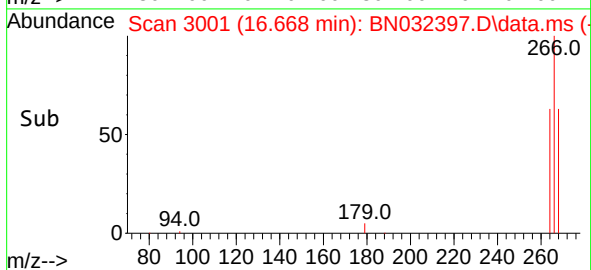
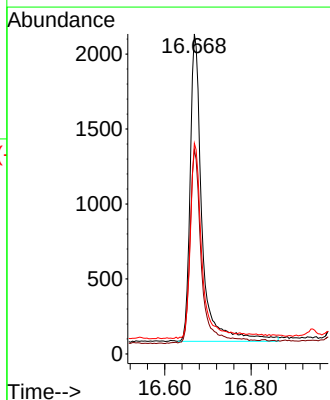
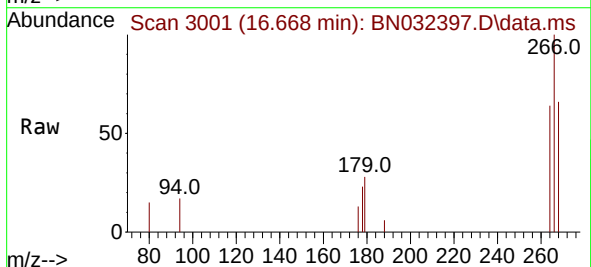
Manual Integrations
APPROVED

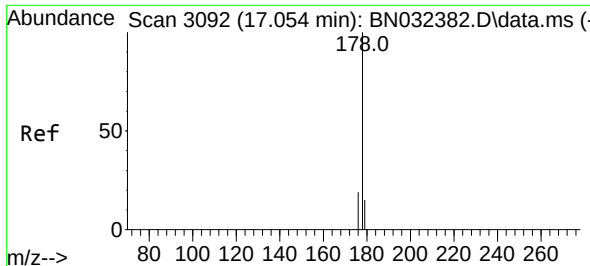
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#14
Pentachlorophenol
Concen: 0.571 ng/ul
RT: 16.668 min Scan# 3001
Delta R.T. -0.031 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

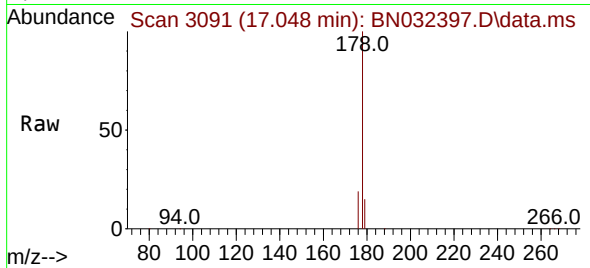
Tgt Ion:266 Resp: 3926
Ion Ratio Lower Upper
266 100
264 60.9 49.9 74.9
268 64.3 52.4 78.6





#15
Phenanthrene
Concen: 12.703 ng/u1
RT: 17.048 min Scan# 3092
Delta R.T. -0.018 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

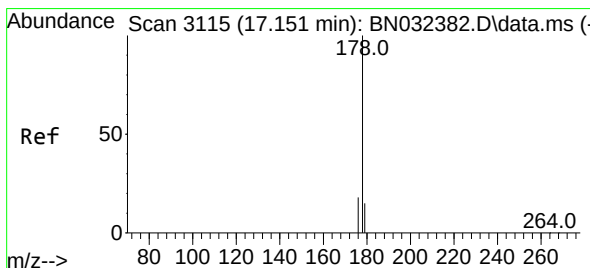
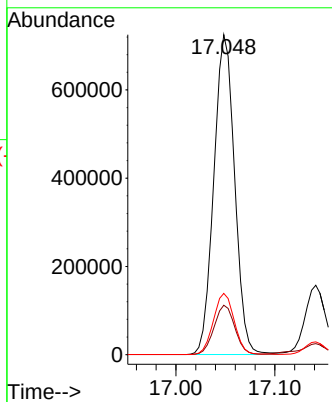
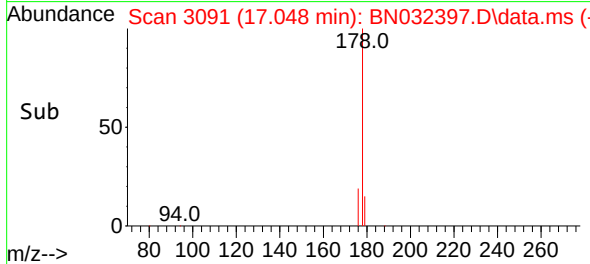
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



Tgt Ion:178 Resp: 105766
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4

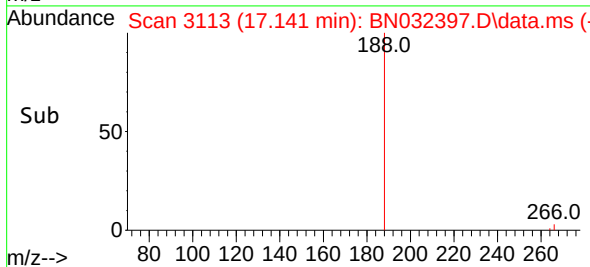
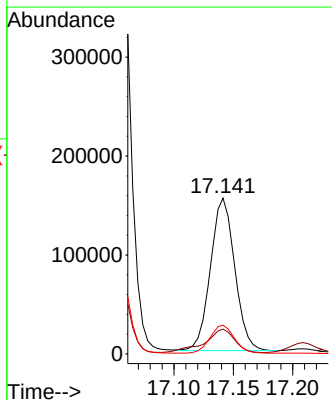
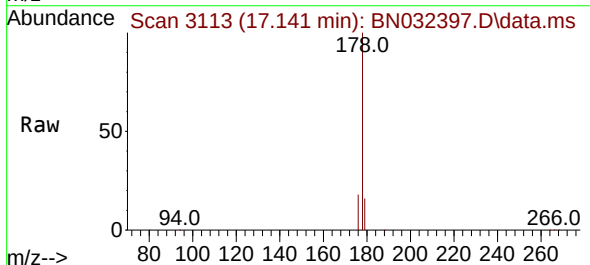
Manual Integrations
APPROVED

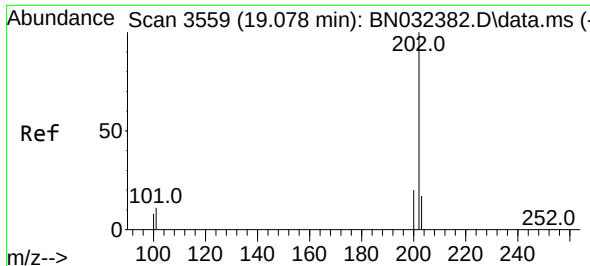
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 2.950 ng/u1
RT: 17.141 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

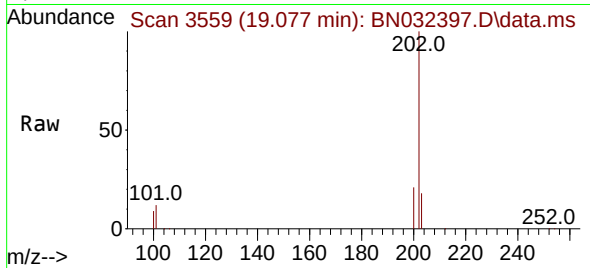
Tgt Ion:178 Resp: 219046
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 18.5 15.0 22.6





#19
Fluoranthene
Concen: 25.791 ng/u1
RT: 19.077 min Scan# 3559
Delta R.T. -0.015 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

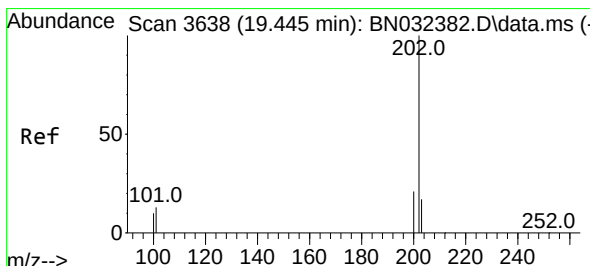
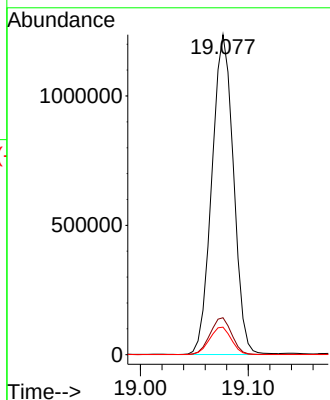
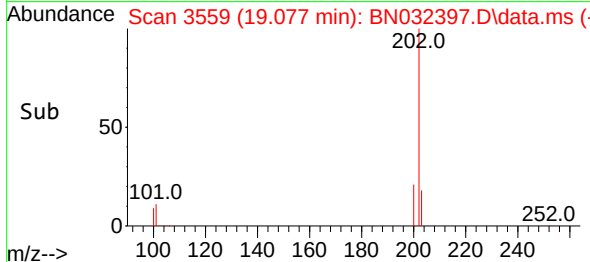
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



Tgt Ion:202 Resp: 1728724
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.6 6.4 9.6

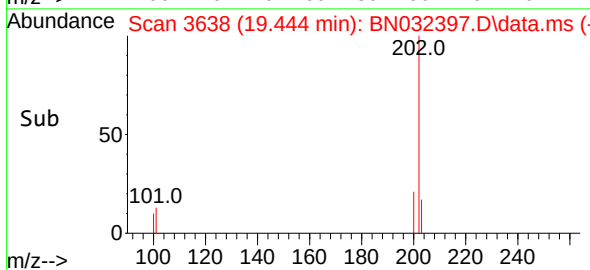
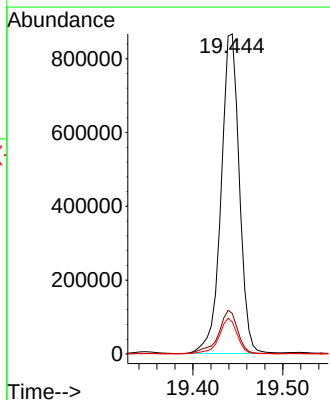
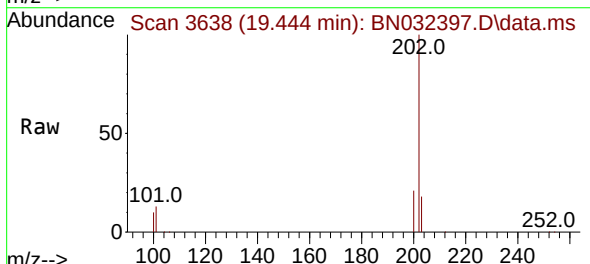
Manual Integrations
APPROVED

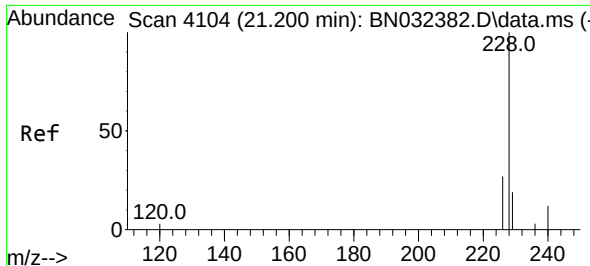
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 17.383 ng/u1
RT: 19.444 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

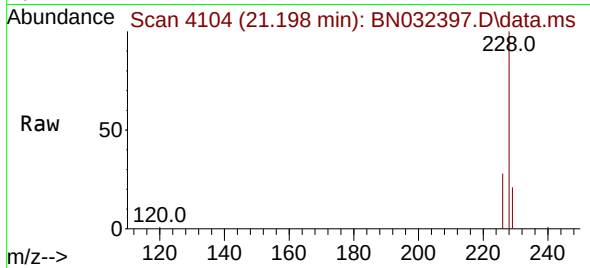
Tgt Ion:202 Resp: 1217636
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 10.464 ng/ul
RT: 21.198 min Scan# 4104
Delta R.T. -0.016 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

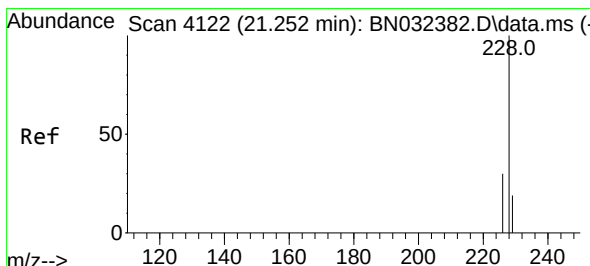
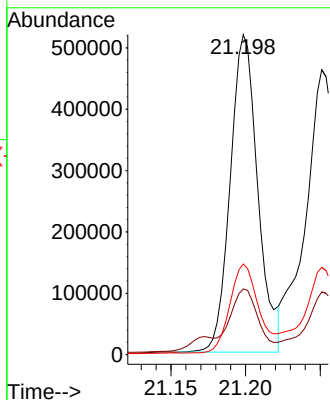
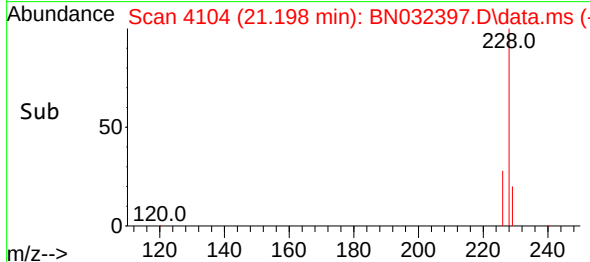
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



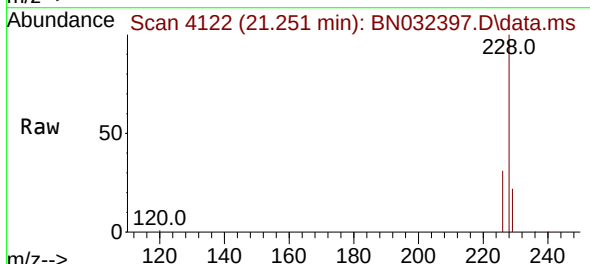
Tgt Ion:228 Resp: 66476
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.3 21.8 32.8

Manual Integrations
APPROVED

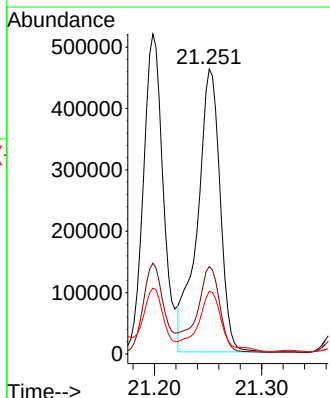
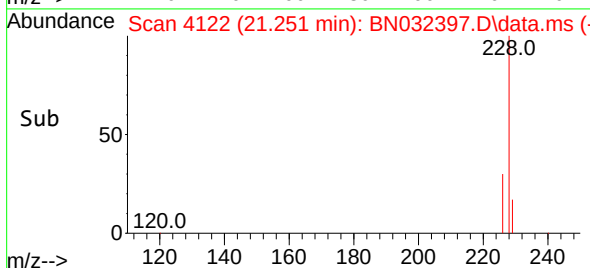
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

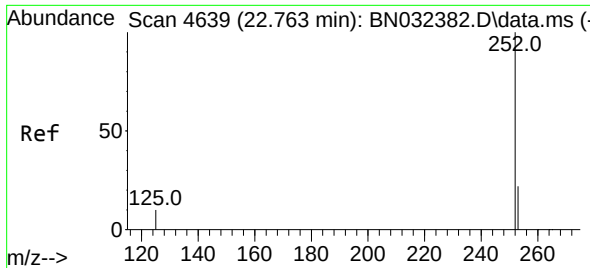


#22
Chrysene
Concen: 9.724 ng/ul
RT: 21.251 min Scan# 4122
Delta R.T. -0.016 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58



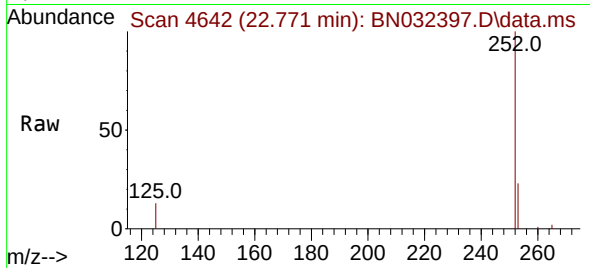
Tgt Ion:228 Resp: 678039
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.929 ng/ul m
RT: 22.771 min Scan# 4642
Delta R.T. -0.013 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

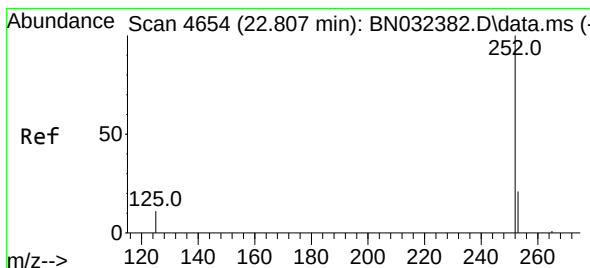
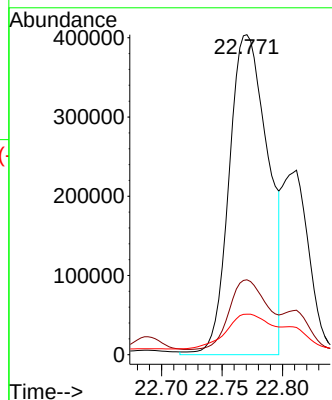
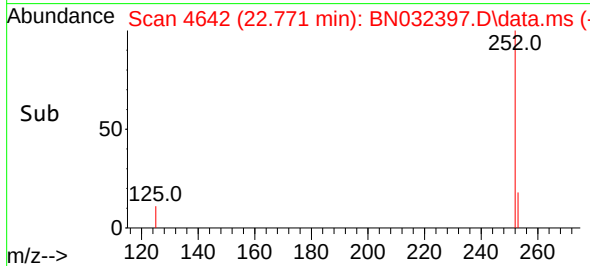
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



Tgt Ion:252 Resp: 900690
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 12.7 0.0 32.0

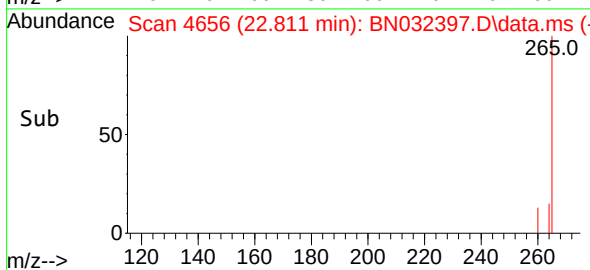
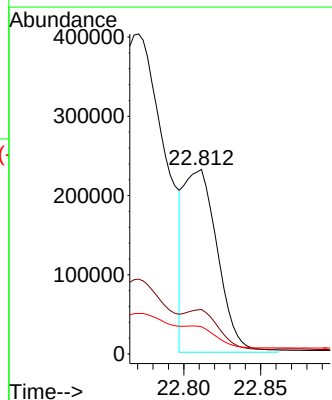
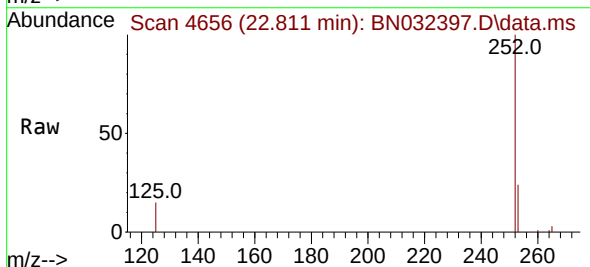
Manual Integrations
APPROVED

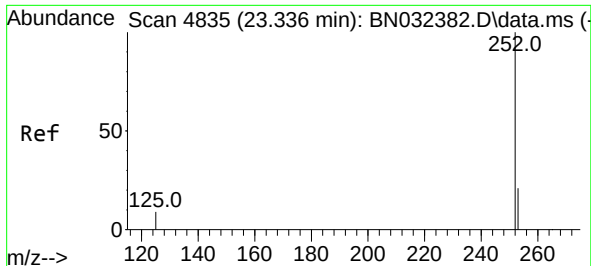
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 3.576 ng/ul m
RT: 22.811 min Scan# 4656
Delta R.T. -0.016 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

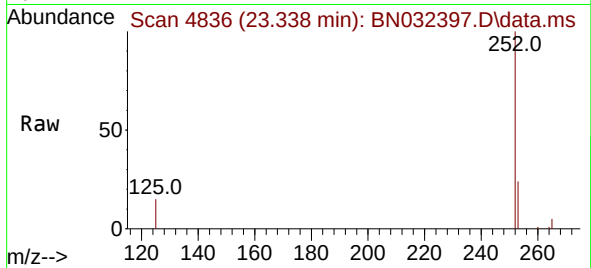
Tgt Ion:252 Resp: 350461
Ion Ratio Lower Upper
252 100
253 24.1 20.3 30.5
125 14.7 12.8 19.2





#26
Benzo(a)pyrene
Concen: 5.363 ng/ul
RT: 23.338 min Scan# 4835
Delta R.T. -0.022 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

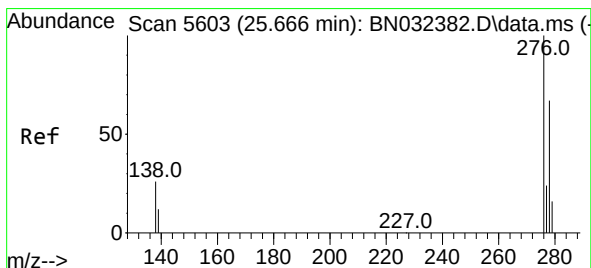
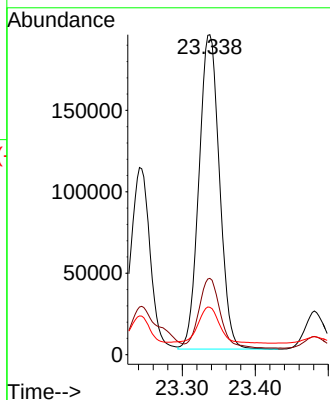
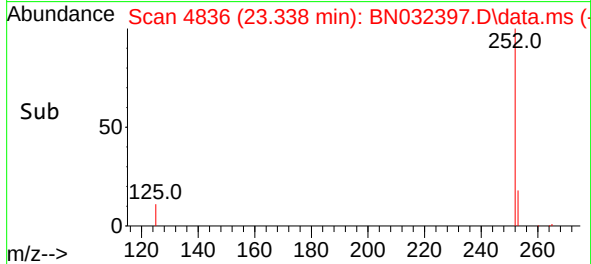
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



Tgt Ion:252 Resp: 37638
Ion Ratio Lower Upper
252 100
253 23.9 22.2 33.2
125 14.8 16.4 24.6

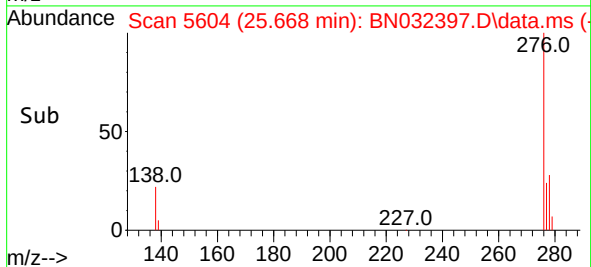
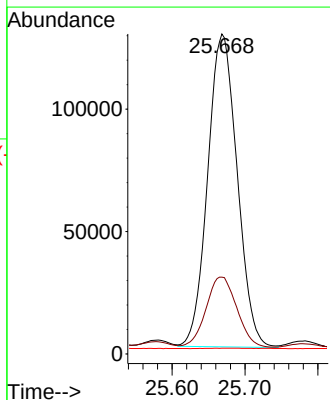
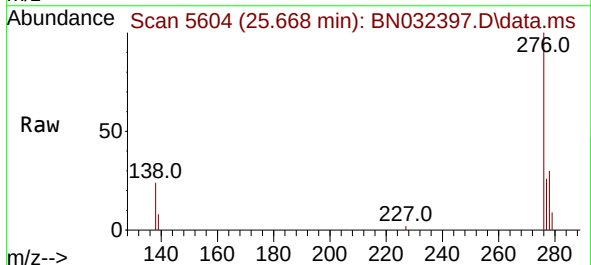
Manual Integrations
APPROVED

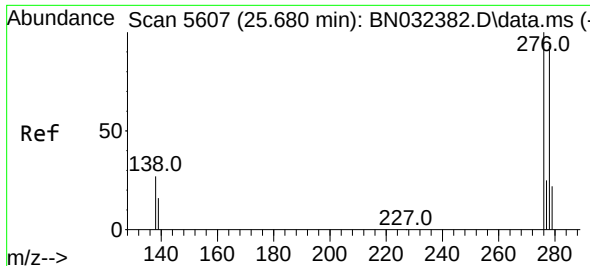
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.269 ng/ul
RT: 25.668 min Scan# 5604
Delta R.T. -0.032 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

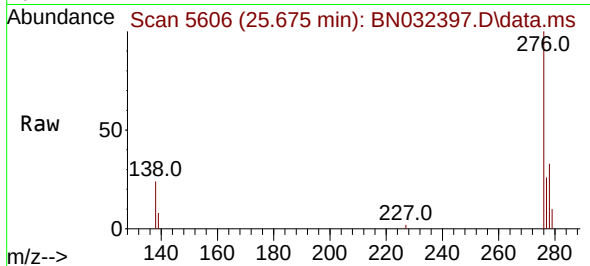
Tgt Ion:276 Resp: 359292
Ion Ratio Lower Upper
276 100
138 23.4 21.3 31.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.567 ng/ul
RT: 25.675 min Scan# 5606
Delta R.T. -0.035 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58

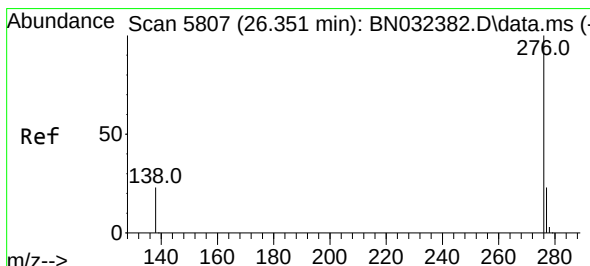
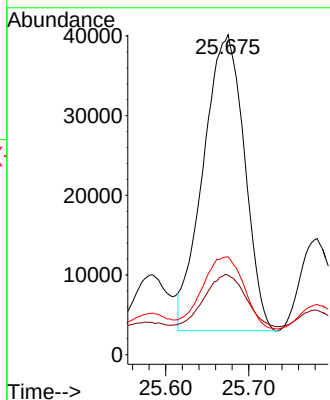
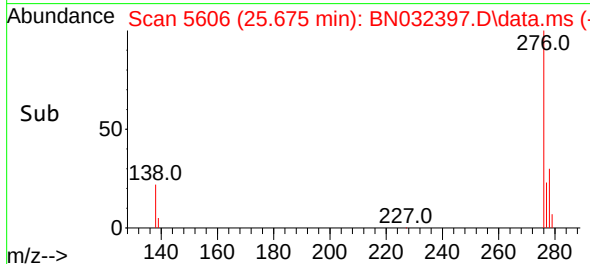
Instrument :
BNA_N
ClientSampleId :
A4C66MSD



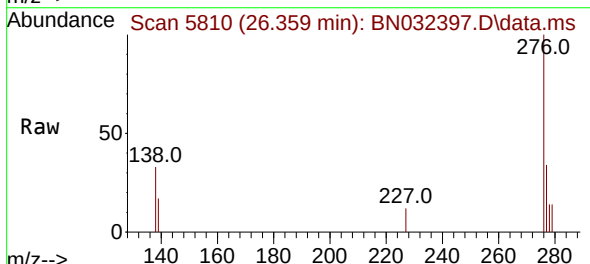
Tgt Ion:278 Resp: 12796
Ion Ratio Lower Upper
278 100
139 24.9 15.9 23.9#
279 30.6 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.607 ng/ul
RT: 26.359 min Scan# 5810
Delta R.T. -0.022 min
Lab File: BN032397.D
Acq: 02 Jul 2024 12:58



Tgt Ion:276 Resp: 53136
Ion Ratio Lower Upper
276 100
138 33.2 19.8 29.6#
277 34.5 19.8 29.6#

