

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032892.D
 Acq On : 22 Jul 2024 14:22
 Operator : MA/JU
 Sample : P3215-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D23MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 14:47:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	3819	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	11775	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	6127	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	11224	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.156	240	9943	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	12664	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	1756	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4157	0.234	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7876	0.243	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	4789	0.917	ng/ul	89
5) Naphthalene	10.349	128	9508	0.301	ng/ul	100
7) 2-Methylnaphthalene	11.971	142	5193	0.263	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	5024	0.246	ng/ul	99
10) Acenaphthylene	13.901	152	9462	0.382	ng/ul	98
11) Acenaphthene	14.239	153	5565	0.272	ng/ul	99
12) Fluorene	15.243	166	5998	0.256	ng/ul	99
14) Pentachlorophenol	16.623	266	1235	0.627	ng/ul	98
15) Phenanthrene	16.982	178	24618	0.805	ng/ul	100
16) Anthracene	17.079	178	11617	0.465	ng/ul	97
19) Fluoranthene	19.013	202	61419	1.519	ng/ul	98
20) Pyrene	19.380	202	57314	1.370	ng/ul	97
21) Benzo(a)anthracene	21.141	228	34086	1.077	ng/ul	97
22) Chrysene	21.191	228	36448	0.796	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252	52761m	1.181	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	27512m	0.505	ng/ul	
26) Benzo(a)pyrene	23.251	252	35834	0.927	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.552	276	34777	0.664	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.552	278	14500	0.357	ng/ul#	88
29) Benzo(g,h,i)perylene	26.233	276	32876	0.751	ng/ul	98

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

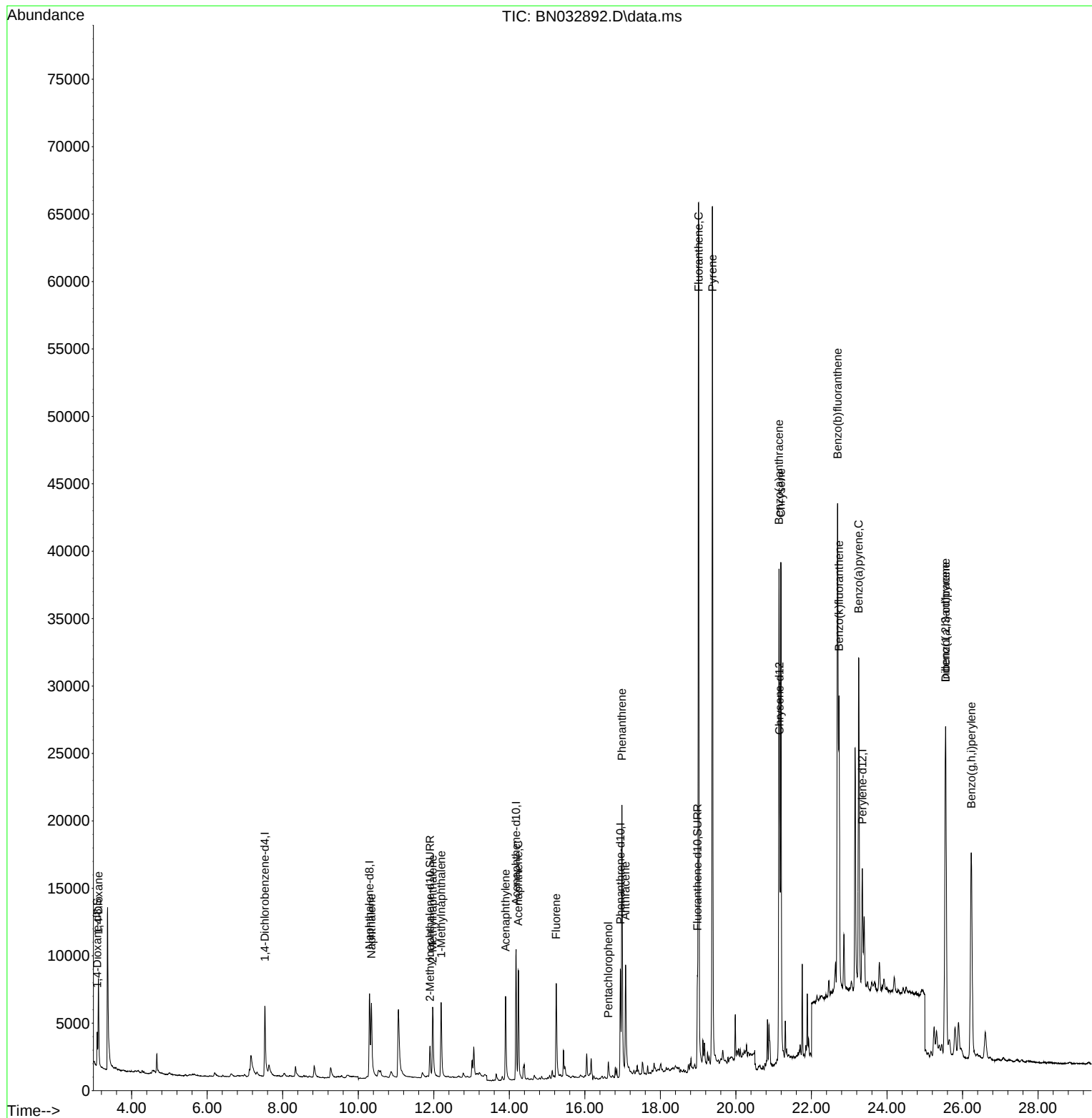
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032892.D
Acq On : 22 Jul 2024 14:22
Operator : MA/JU
Sample : P3215-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

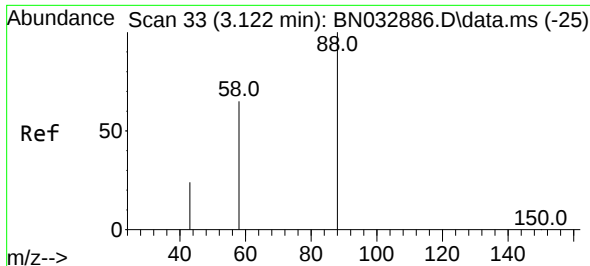
Instrument :
BNA_N
ClientSampleId :
A4D23MSD

Quant Time: Jul 22 14:47:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

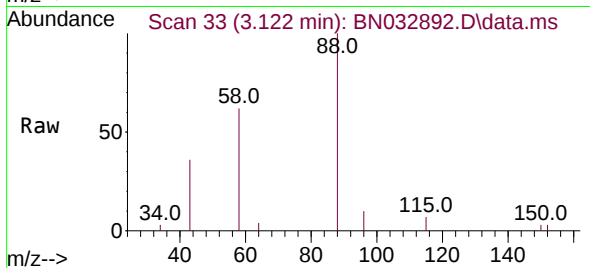
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024





#2
1,4-Dioxane
Concen: 0.917 ng/ul
RT: 3.122 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

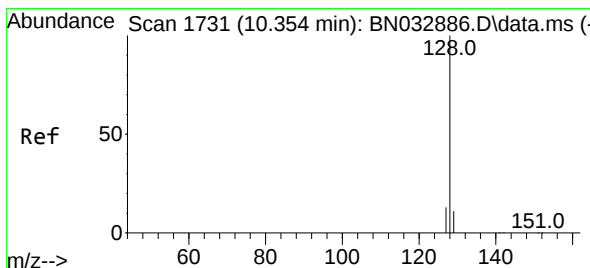
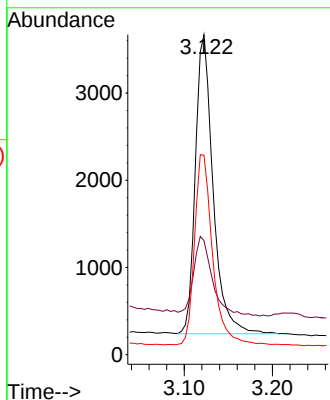
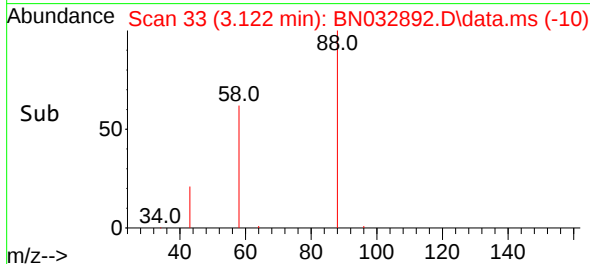
Instrument :
BNA_N
ClientSampleId :
A4D23MSD



Tgt Ion: 88 Resp: 4789
Ion Ratio Lower Upper
88 100
43 35.7 24.0 36.0
58 62.3 43.3 64.9

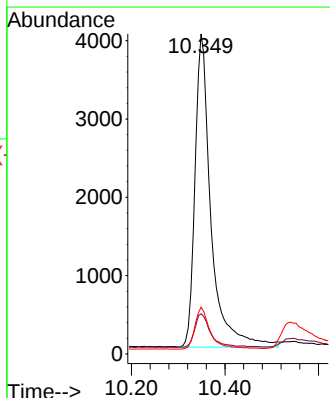
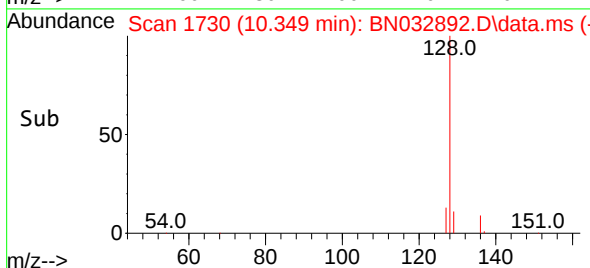
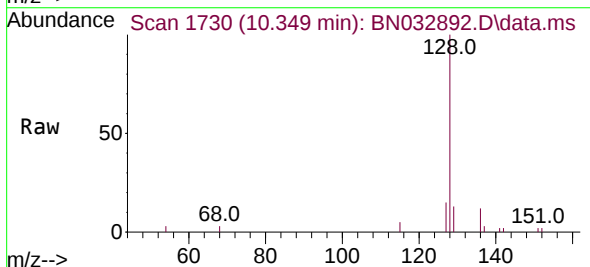
Manual Integrations
APPROVED

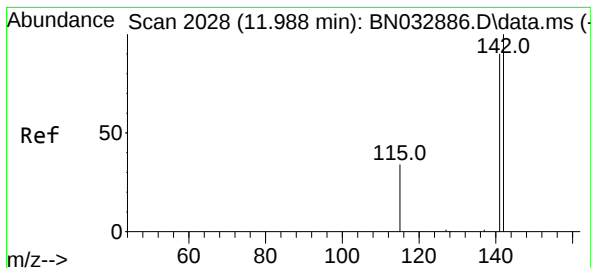
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. -0.015 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

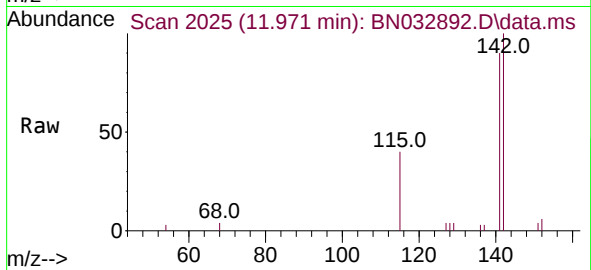
Tgt Ion:128 Resp: 9508
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 14.6 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

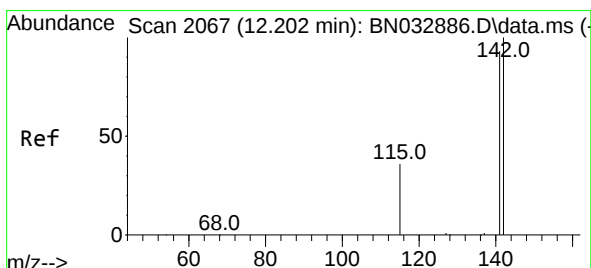
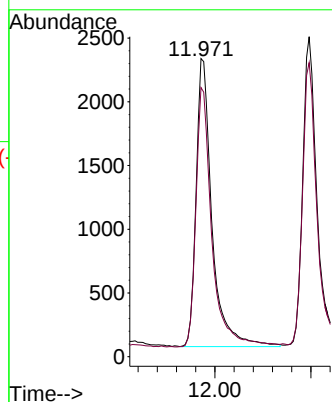
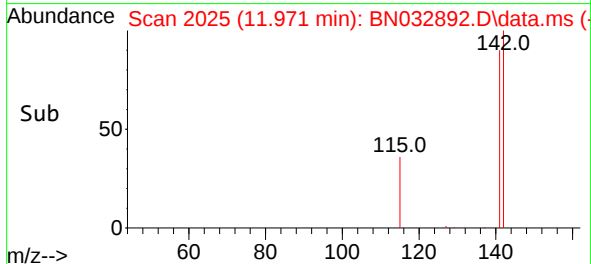
Instrument :
BNA_N
ClientSampleId :
A4D23MSD



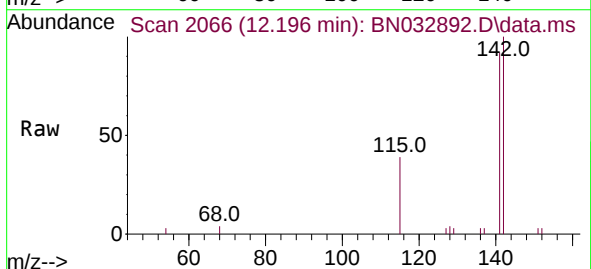
Tgt Ion:142 Resp: 519
Ion Ratio Lower Upper
142 100
141 90.8 74.0 111.0

Manual Integrations
APPROVED

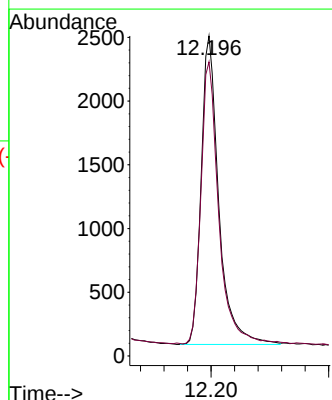
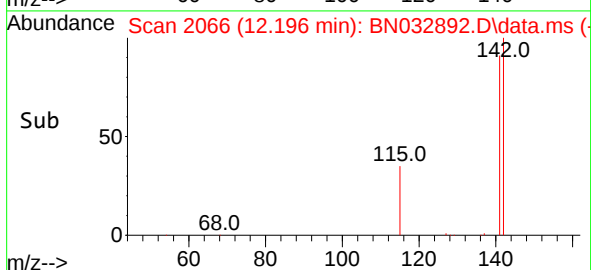
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

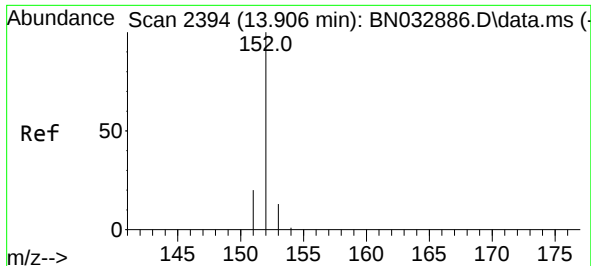


#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22



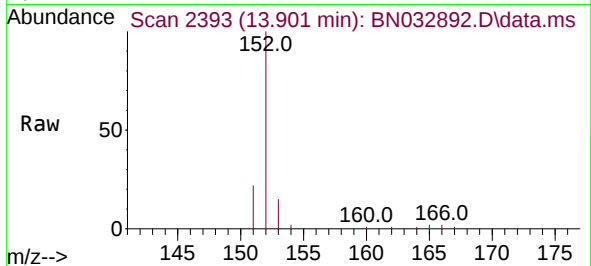
Tgt Ion:142 Resp: 5024
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4





#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

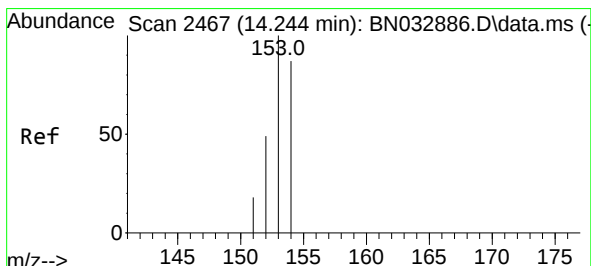
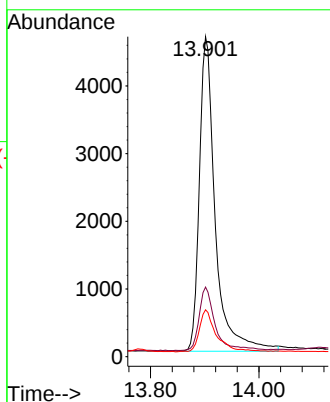
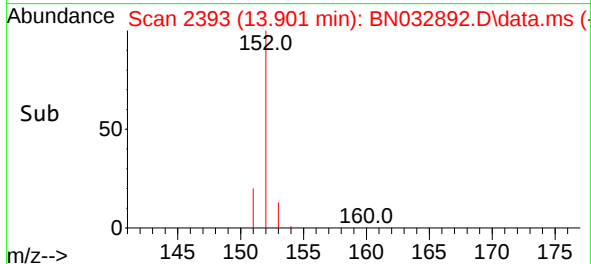
Instrument :
BNA_N
ClientSampleId :
A4D23MSD



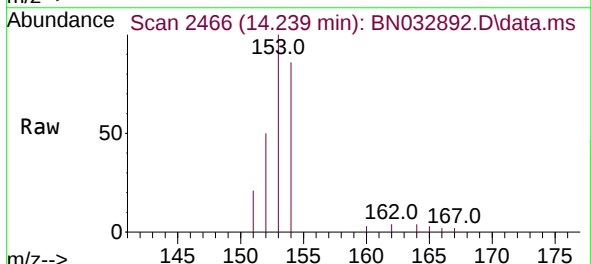
Tgt Ion:152 Resp: 946
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 14.7 11.3 16.9

Manual Integrations
APPROVED

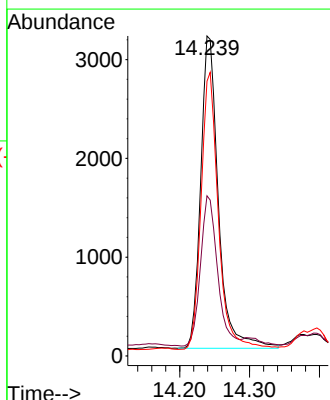
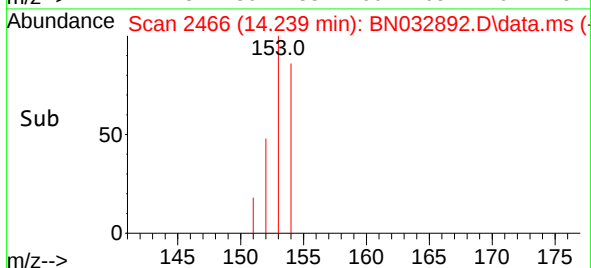
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

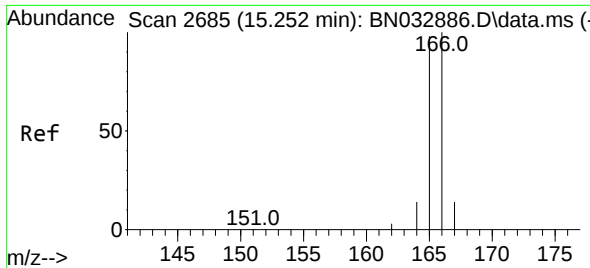


#11
Acenaphthene
Concen: 0.272 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22



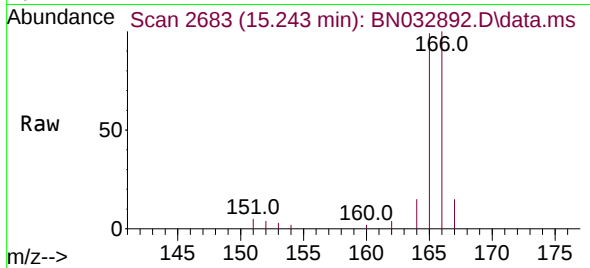
Tgt Ion:153 Resp: 5565
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 85.8 70.2 105.4





#12
Fluorene
Concen: 0.256 ng/ul
RT: 15.243 min Scan# 2098
Delta R.T. -0.017 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

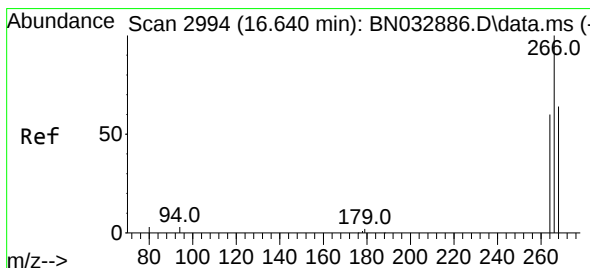
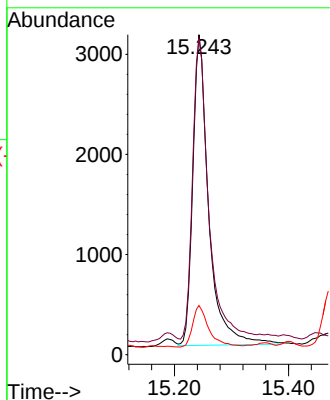
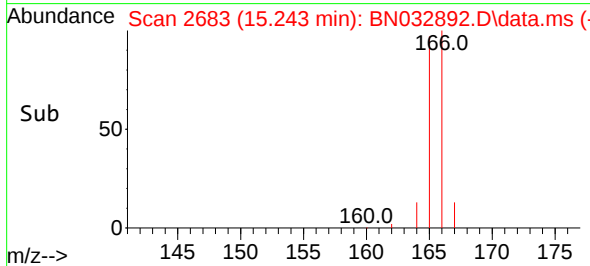
Instrument :
BNA_N
ClientSampleId :
A4D23MSD



Tgt Ion:166 Resp: 5998
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 15.4 11.4 17.2

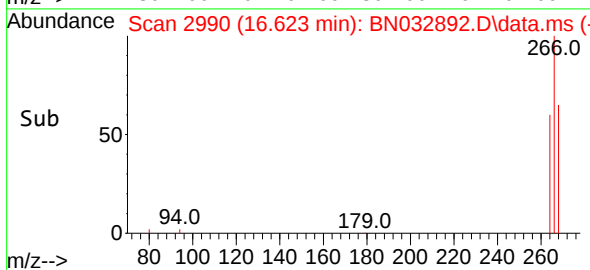
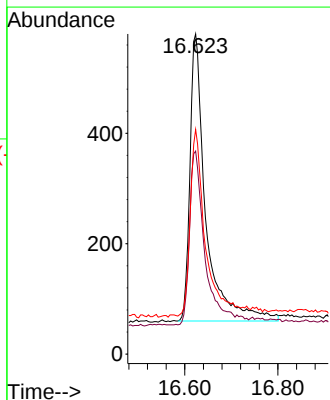
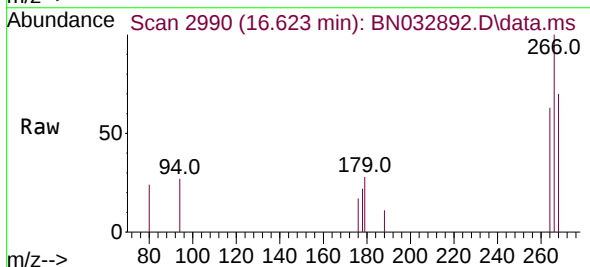
Manual Integrations
APPROVED

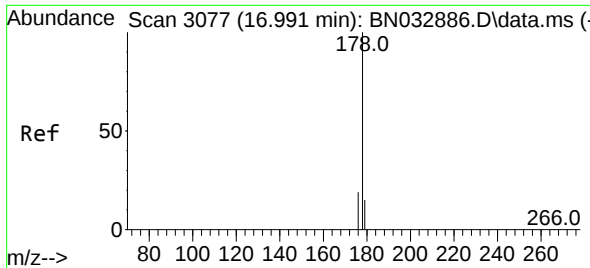
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#14
Pentachlorophenol
Concen: 0.627 ng/ul
RT: 16.623 min Scan# 2990
Delta R.T. -0.020 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

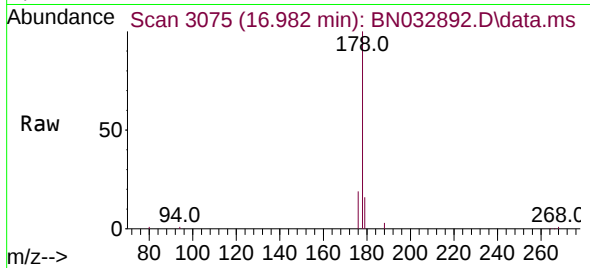
Tgt Ion:266 Resp: 1235
Ion Ratio Lower Upper
266 100
264 59.8 49.4 74.2
268 62.8 51.6 77.4





#15
 Phenanthrene
 Concen: 0.805 ng/u1
 RT: 16.982 min Scan# 3075
 Delta R.T. -0.020 min
 Lab File: BN032892.D
 Acq: 22 Jul 2024 14:22

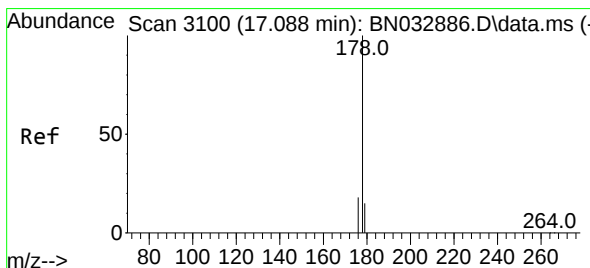
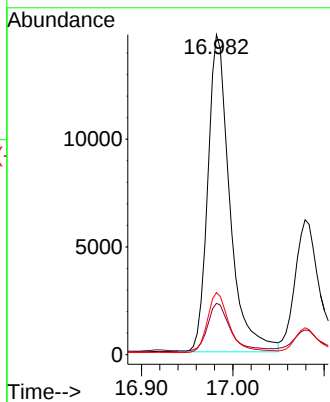
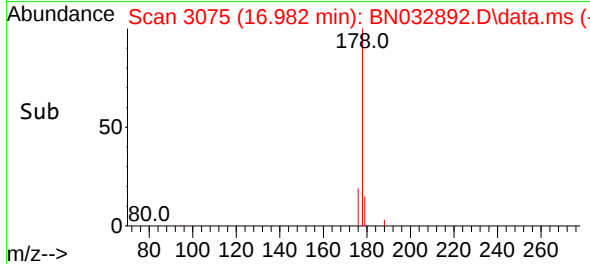
Instrument :
 BNA_N
 ClientSampleId :
 A4D23MSD



Tgt Ion:178 Resp: 24618
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.0 19.4
 176 19.4 15.6 23.4

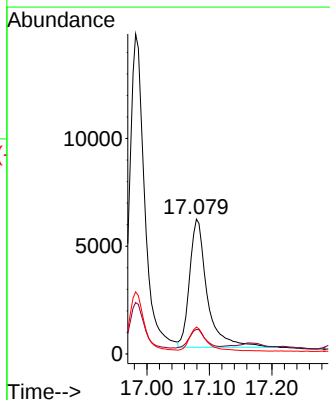
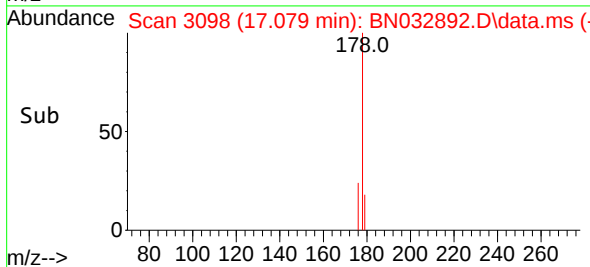
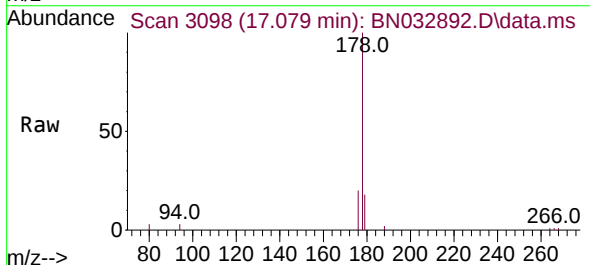
Manual Integrations
 APPROVED

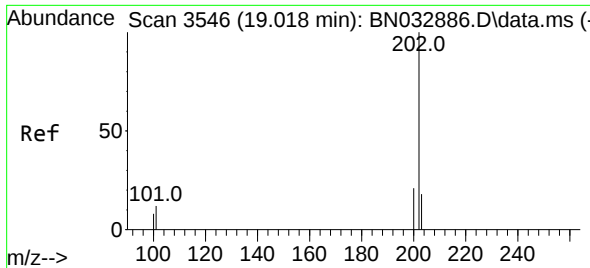
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024



#16
 Anthracene
 Concen: 0.465 ng/u1
 RT: 17.079 min Scan# 3098
 Delta R.T. -0.020 min
 Lab File: BN032892.D
 Acq: 22 Jul 2024 14:22

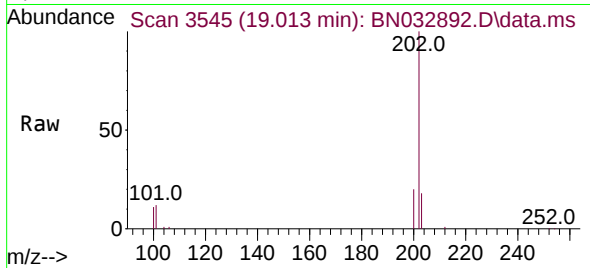
Tgt Ion:178 Resp: 11617
 Ion Ratio Lower Upper
 178 100
 179 18.3 13.4 20.2
 176 20.0 15.4 23.0





#19
Fluoranthene
Concen: 1.519 ng/u1
RT: 19.013 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

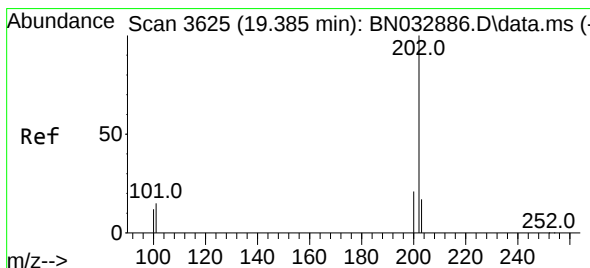
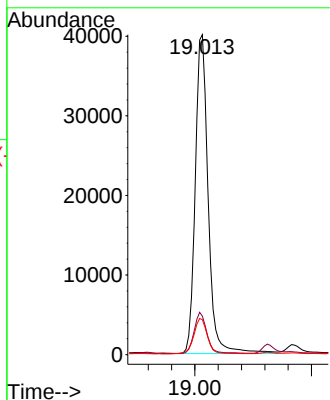
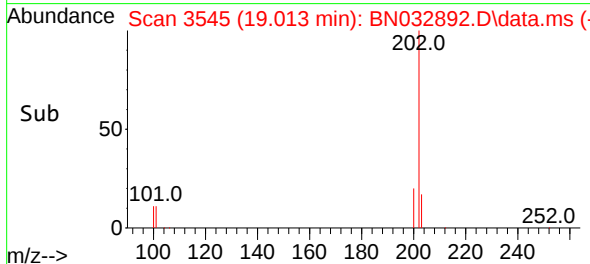
Instrument :
BNA_N
ClientSampleId :
A4D23MSD



Tgt Ion:202 Resp: 61419
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 10.9 7.9 11.9

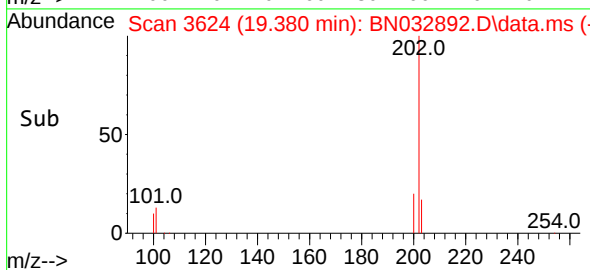
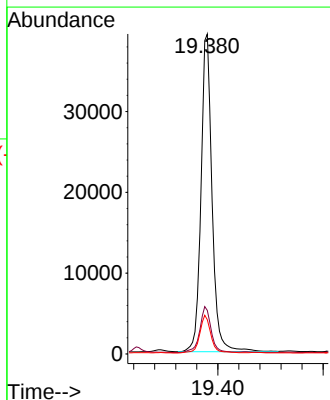
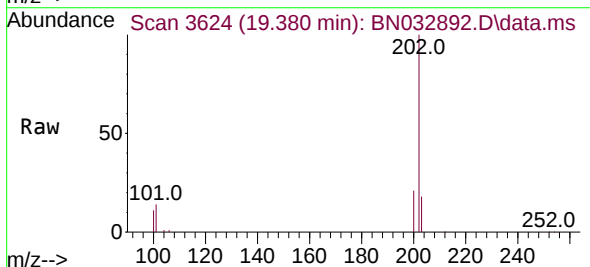
Manual Integrations
APPROVED

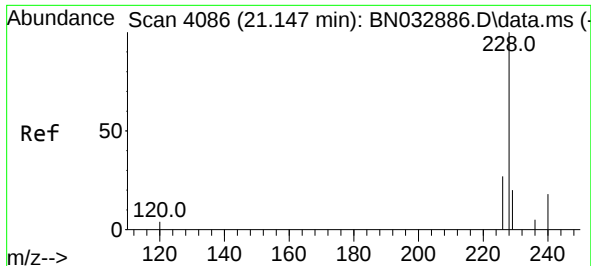
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 1.370 ng/u1
RT: 19.380 min Scan# 3624
Delta R.T. -0.013 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

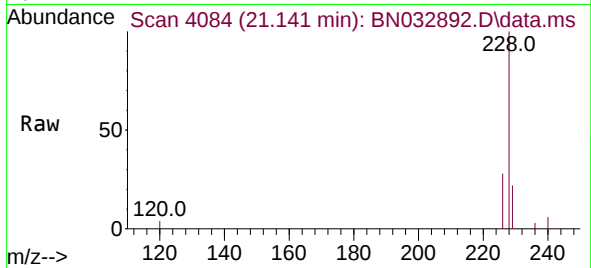
Tgt Ion:202 Resp: 57314
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.077 ng/ul
RT: 21.141 min Scan# 4086
Delta R.T. -0.009 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

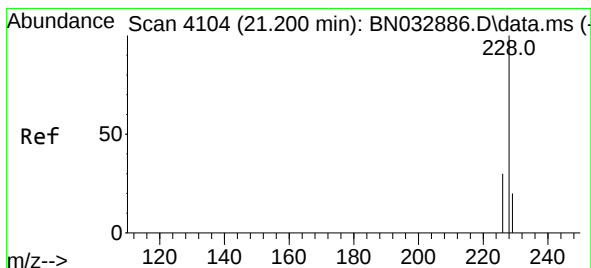
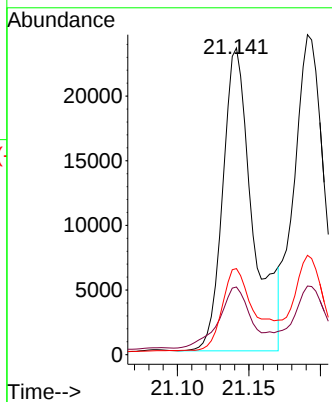
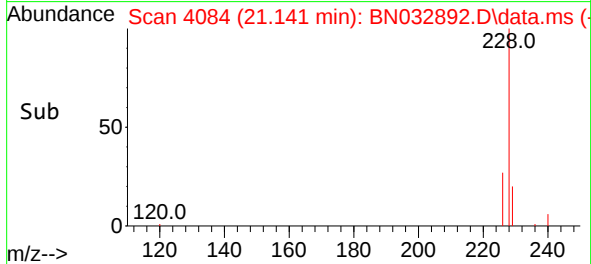
Instrument :
BNA_N
ClientSampleId :
A4D23MSD



Tgt Ion:228 Resp: 34086
Ion Ratio Lower Upper
228 100
229 22.0 16.1 24.1
226 28.1 21.9 32.9

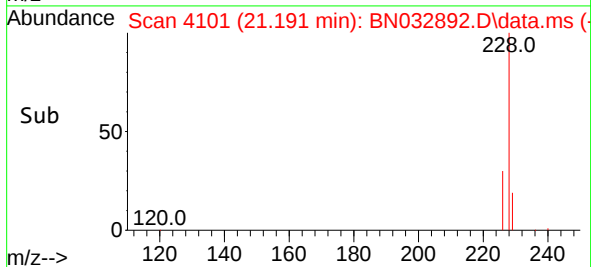
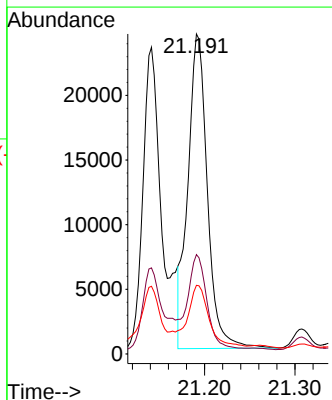
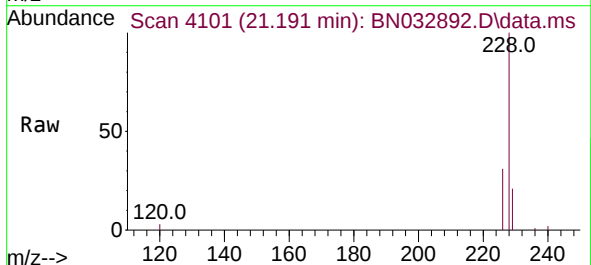
Manual Integrations
APPROVED

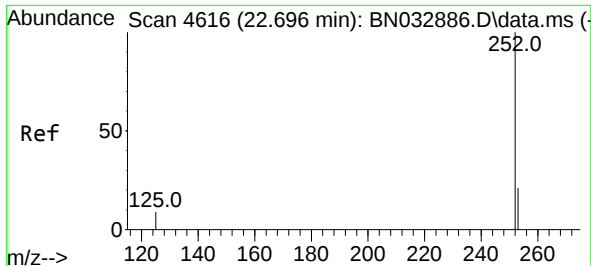
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 0.796 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

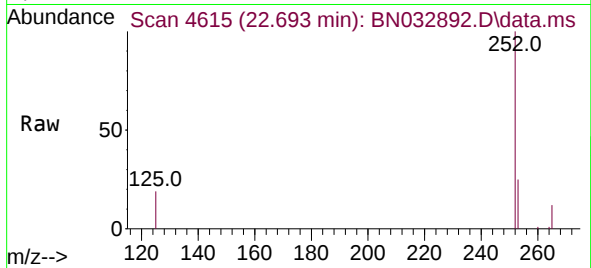
Tgt Ion:228 Resp: 36448
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.181 ng/ul m
RT: 22.693 min Scan# 4616
Delta R.T. -0.006 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

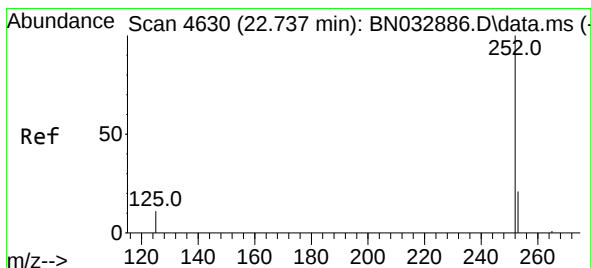
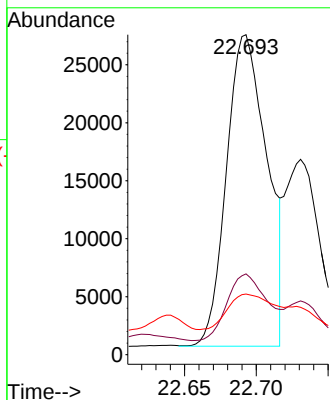
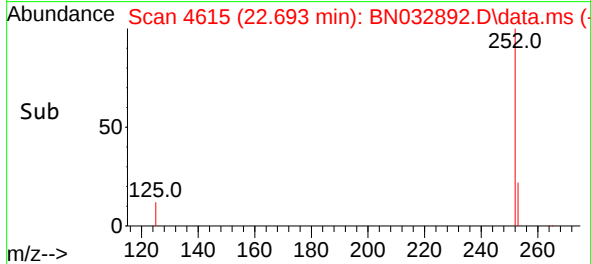
Instrument :
BNA_N
ClientSampleId :
A4D23MSD



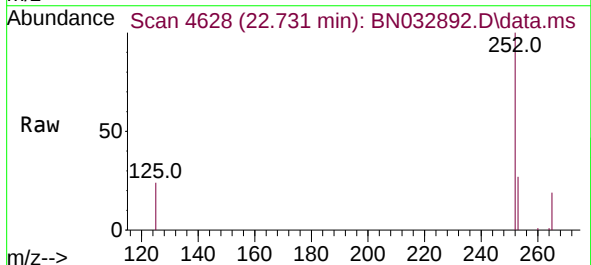
Tgt Ion:252 Resp: 5276
Ion Ratio Lower Upper
252 100
253 25.3 0.0 54.0
125 18.9 0.0 36.0

Manual Integrations
APPROVED

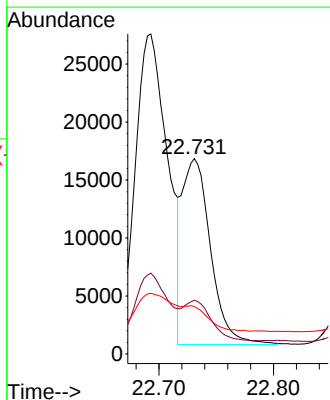
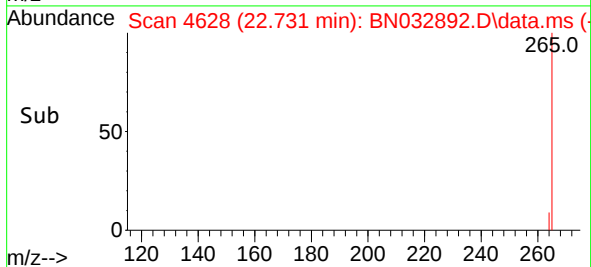
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

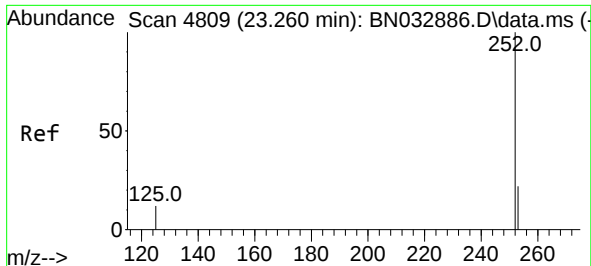


#25
Benzo(k)fluoranthene
Concen: 0.505 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22



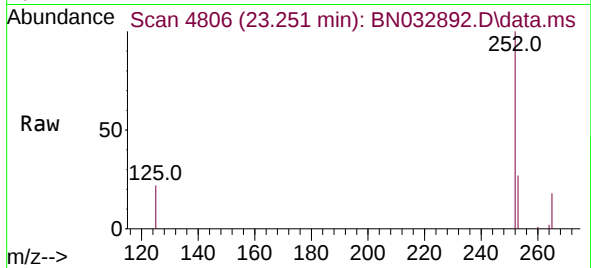
Tgt Ion:252 Resp: 27512
Ion Ratio Lower Upper
252 100
253 27.5 21.2 31.8
125 24.3 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.927 ng/ul
RT: 23.251 min Scan# 4806
Delta R.T. -0.012 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

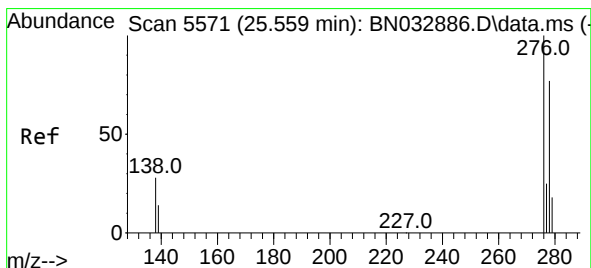
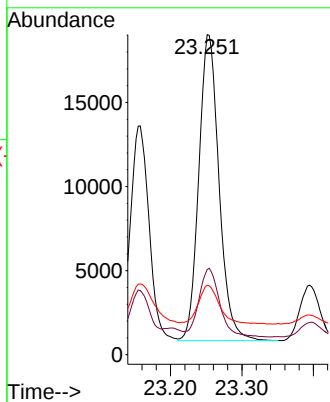
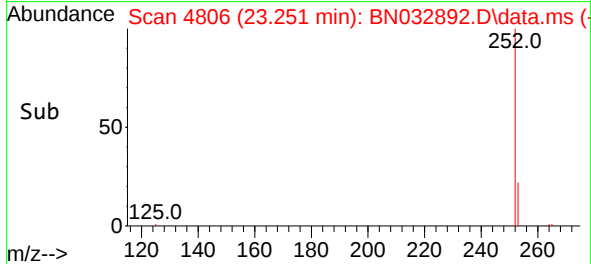
Instrument :
BNA_N
ClientSampleId :
A4D23MSD



Tgt Ion:252 Resp: 35834
Ion Ratio Lower Upper
252 100
253 26.6 25.4 38.0
125 21.7 20.6 30.8

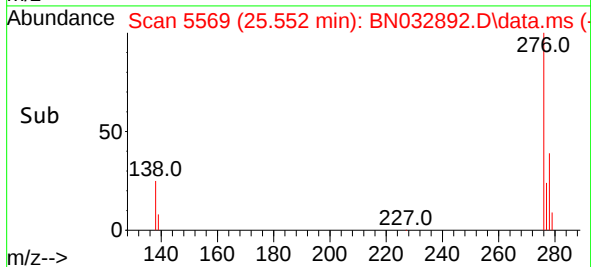
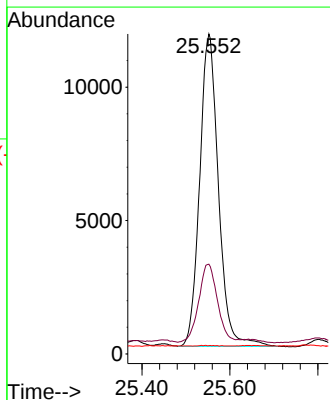
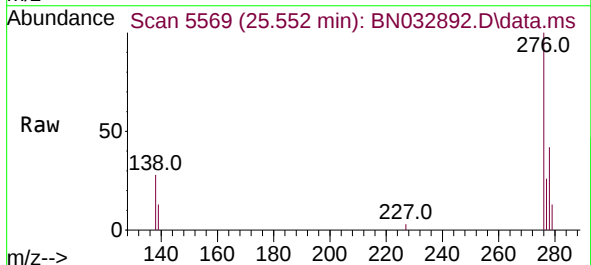
Manual Integrations
APPROVED

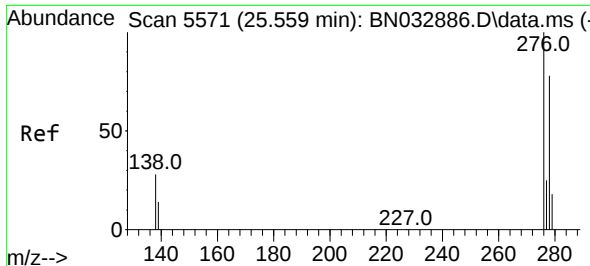
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.664 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

Tgt Ion:276 Resp: 34777
Ion Ratio Lower Upper
276 100
138 26.5 21.6 32.4
227 0.0 0.0 0.0





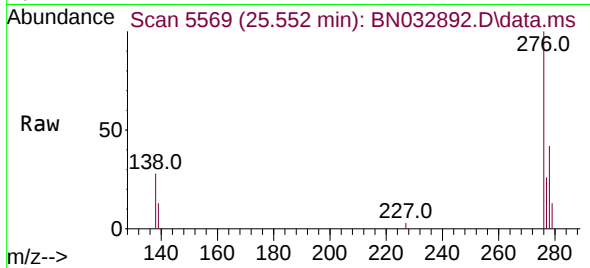
#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22

Instrument :

BNA_N

ClientSampleId :

A4D23MSD



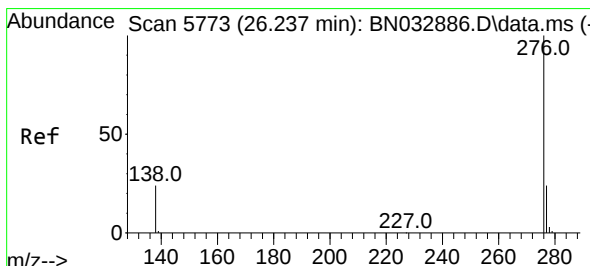
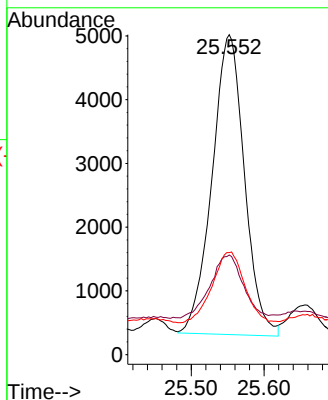
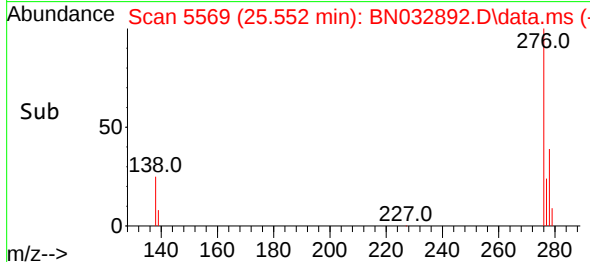
Tgt Ion:278 Resp: 14500
Ion Ratio Lower Upper
278 100
139 31.1 16.6 24.8
279 31.9 23.7 35.5

Manual Integrations

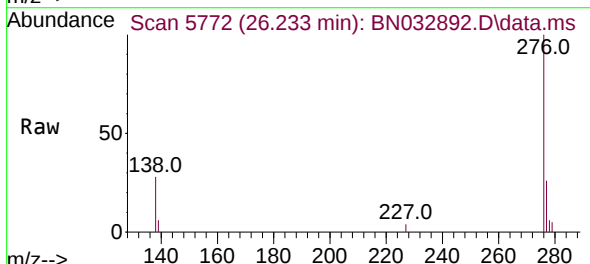
APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.751 ng/ul
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032892.D
Acq: 22 Jul 2024 14:22



Tgt Ion:276 Resp: 32876
Ion Ratio Lower Upper
276 100
138 27.6 21.0 31.4
277 26.3 20.6 31.0

