

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032541.D
 Acq On : 06 Jul 2024 11:48
 Operator : MA/JU
 Sample : P2982-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:44:53 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	7.586	152	7365	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.359	136	21191	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.233	164	11917	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.989	188	23977	0.400	ng/ul	-0.02
17) Chrysene-d12	21.199	240	22214	0.400	ng/ul	# 0.00
23) Perylene-d12	23.414	264	26377	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	19098	2.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.964	152	4187	0.132	ng/ul	-0.01
18) Fluoranthene-d10	19.030	212	9052	0.135	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.408	128	12145	0.217	ng/ul	98
7) 2-Methylnaphthalene	12.036	142	4014	0.108	ng/ul	99
8) 1-Methylnaphthalene	12.261	142	3151	0.082	ng/ul	98
10) Acenaphthylene	13.956	152	29494	0.595	ng/ul	99
11) Acenaphthene	14.298	153	12285	0.319	ng/ul	99
12) Fluorene	15.293	166	15178	0.331	ng/ul	98
14) Pentachlorophenol	16.664	266	162	0.030	ng/ul	93
15) Phenanthrene	17.032	178	379151	5.768	ng/ul	99
16) Anthracene	17.125	178	74606	1.272	ng/ul	99
19) Fluoranthene	19.058	202	977645	11.558	ng/ul	97
20) Pyrene	19.425	202	668777	7.565	ng/ul	100
21) Benzo(a)anthracene	21.184	228	447659	5.583	ng/ul	98
22) Chrysene	21.236	228	530180	6.025	ng/ul	97
24) Benzo(b)fluoranthene	22.747	252	774371m	6.757	ng/ul	
25) Benzo(k)fluoranthene	22.788	252	301351m	2.706	ng/ul	
26) Benzo(a)pyrene	23.314	252	250906	3.147	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.642	276	269882	2.162	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.642	278	97245	1.048	ng/ul	94
29) Benzo(g,h,i)perylene	26.329	276	36066	0.363	ng/ul#	88

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

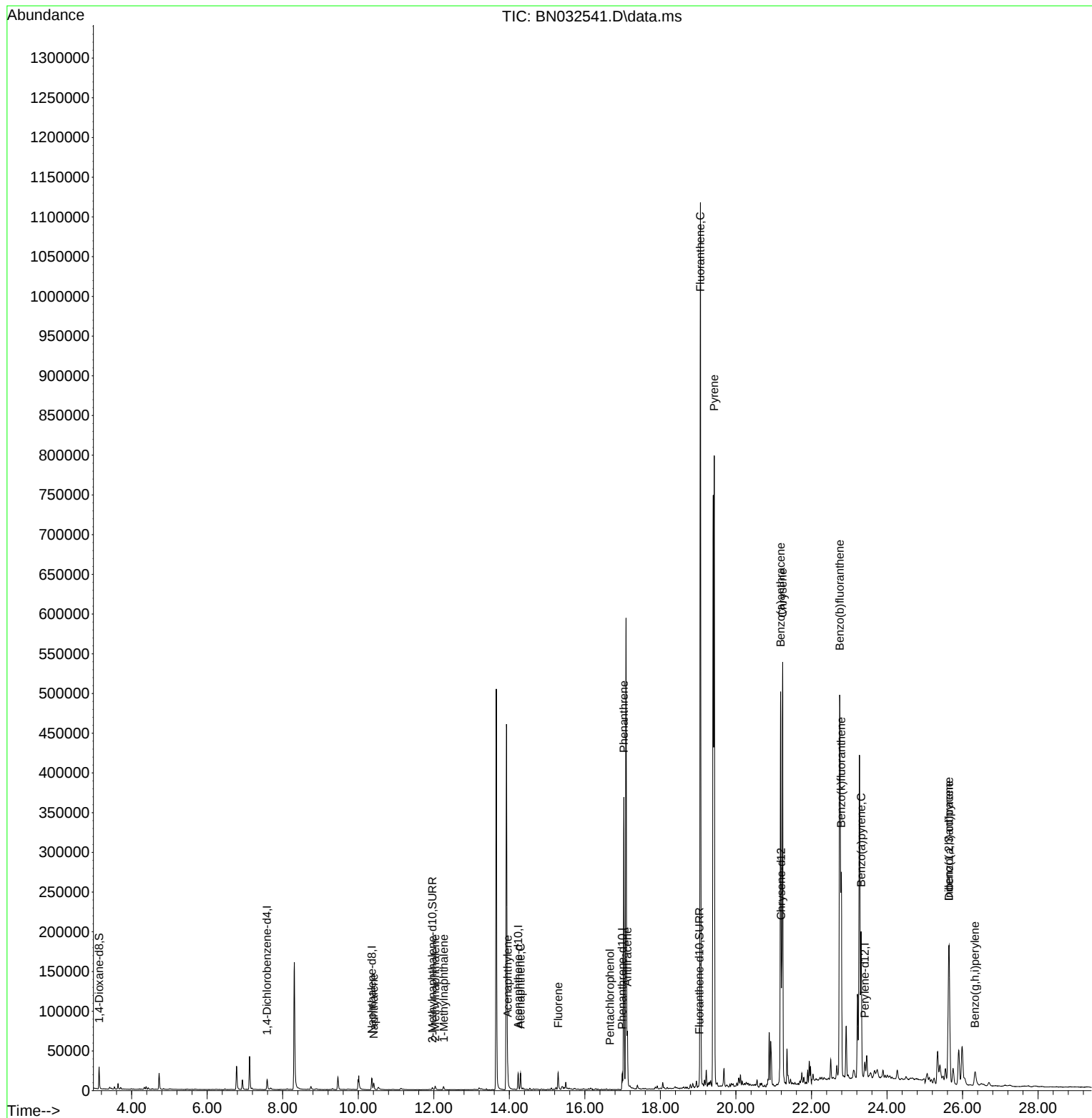
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032541.D
Acq On : 06 Jul 2024 11:48
Operator : MA/JU
Sample : P2982-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

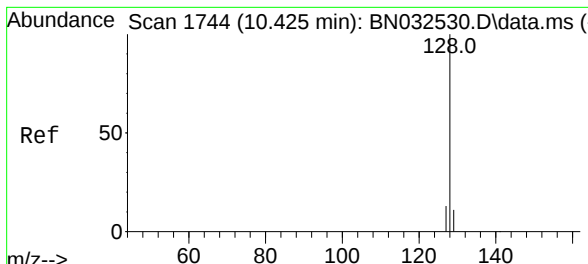
Instrument :
BNA_N
ClientSampleId :
A4CT2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

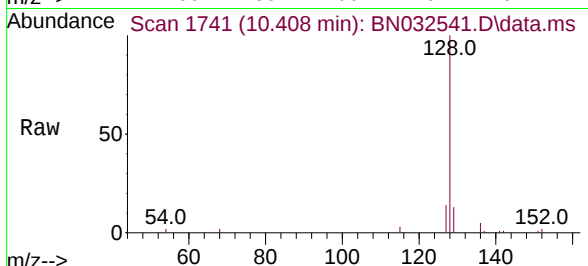
Quant Time: Jul 07 23:44:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.217 ng/ul
RT: 10.408 min Scan# 1744
Delta R.T. -0.023 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

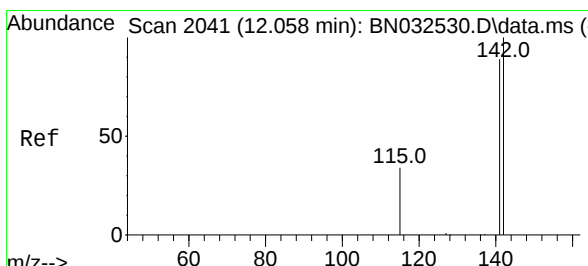
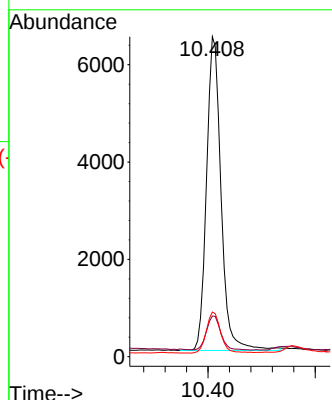
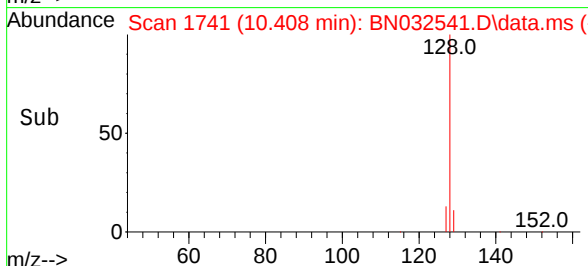
Instrument :
BNA_N
ClientSampleId :
A4CT2



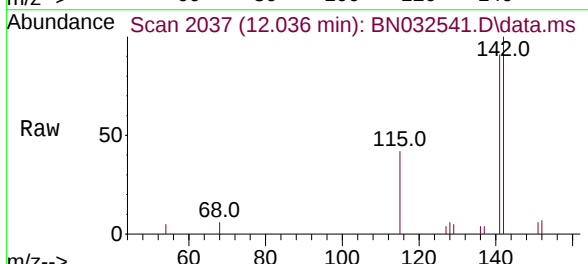
Tgt Ion:128 Resp: 12145
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 14.0 10.8 16.2

Manual Integrations
APPROVED

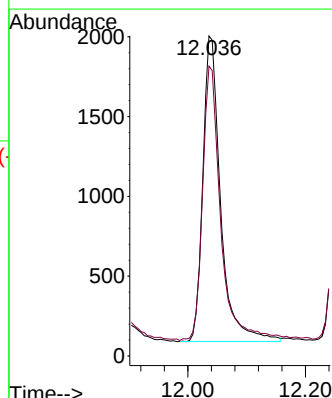
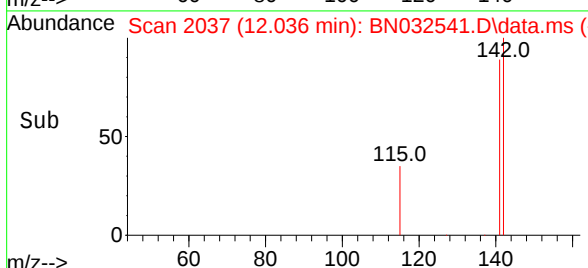
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

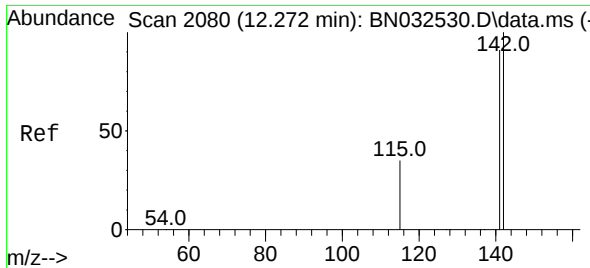


#7
2-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.036 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48



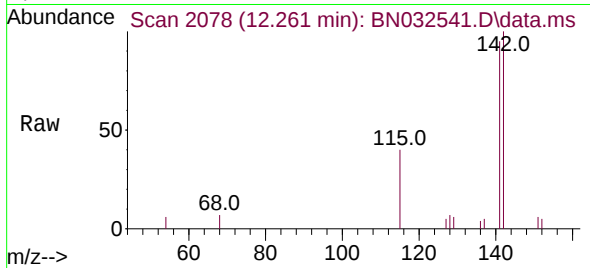
Tgt Ion:142 Resp: 4014
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.261 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

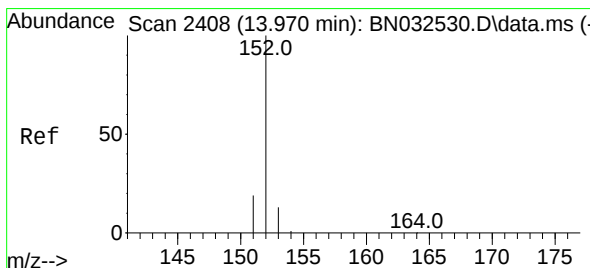
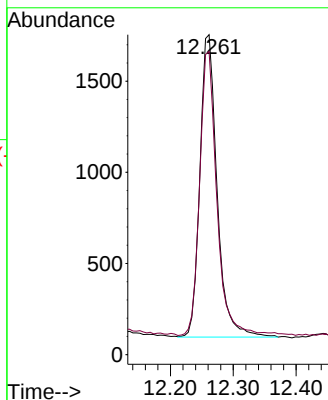
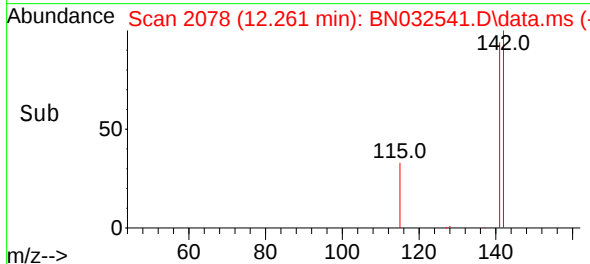
Instrument :
BNA_N
ClientSampleId :
A4CT2



Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
141 94.0 73.4 110.0

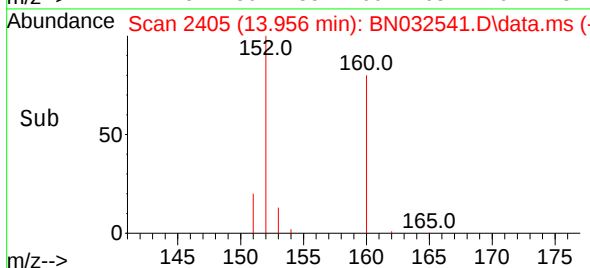
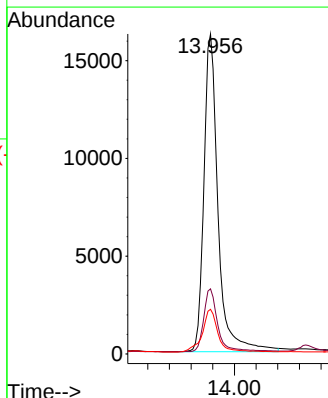
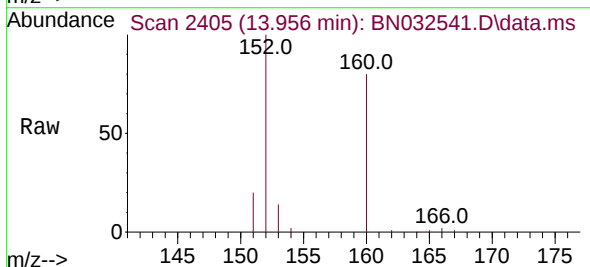
Manual Integrations
APPROVED

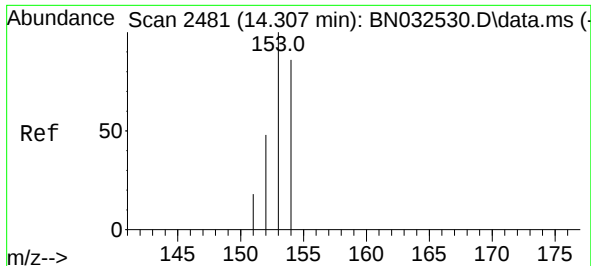
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.595 ng/ul
RT: 13.956 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

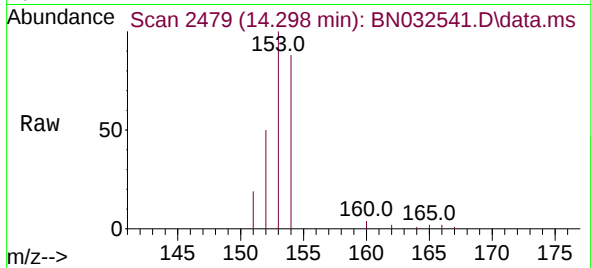
Tgt Ion:152 Resp: 29494
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.298 min Scan# 2479
Delta R.T. -0.015 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

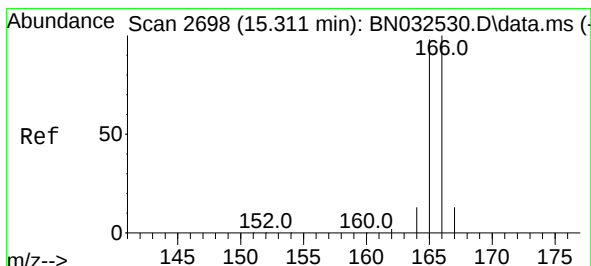
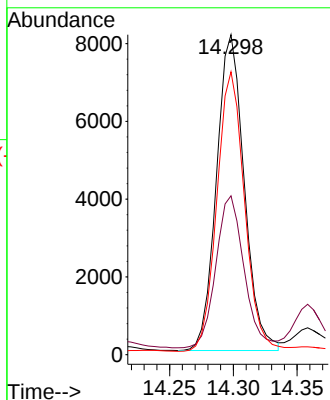
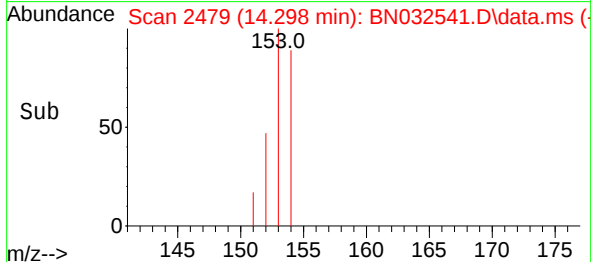
Instrument :
BNA_N
ClientSampleId :
A4CT2



Tgt Ion:153 Resp: 12285
Ion Ratio Lower Upper
153 100
152 49.6 39.5 59.3
154 88.4 71.7 107.5

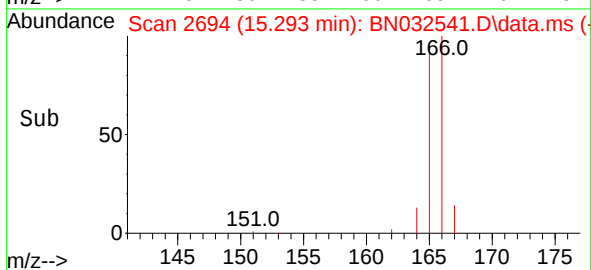
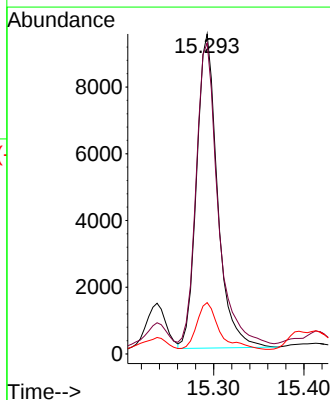
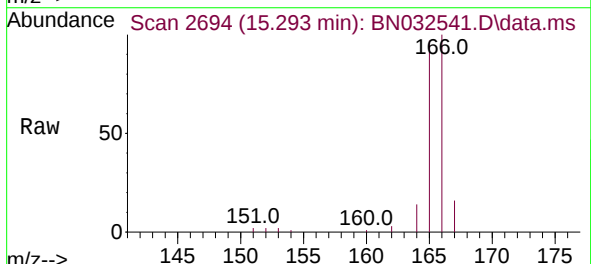
Manual Integrations
APPROVED

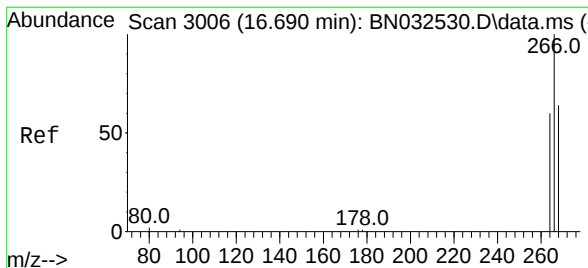
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.293 min Scan# 2694
Delta R.T. -0.020 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

Tgt Ion:166 Resp: 15178
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 16.0 11.0 16.6





#14

Pentachlorophenol

Concen: 0.030 ng/ul

RT: 16.664 min Scan# 3000

Delta R.T. -0.010 min

Lab File: BN032541.D

Acq: 06 Jul 2024 11:48

Instrument :

BNA_N

ClientSampleId :

A4CT2

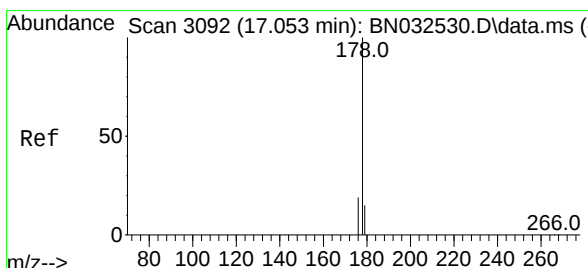
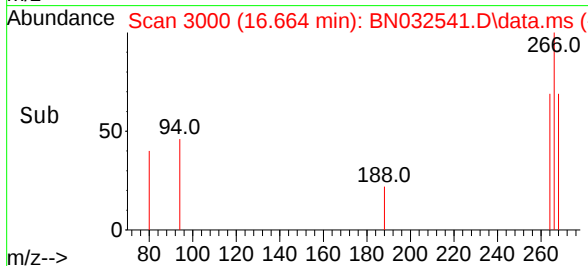
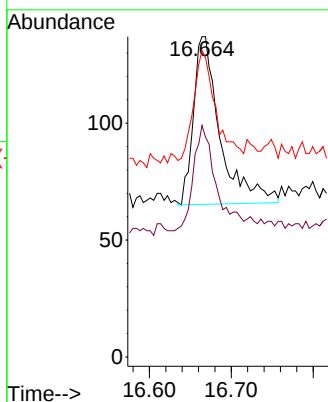
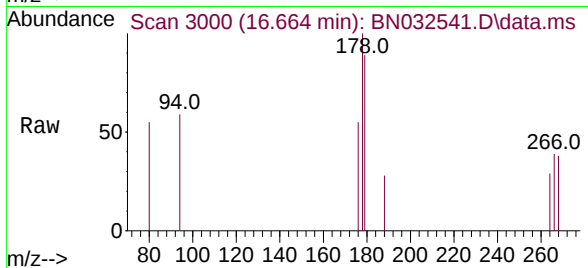
Tgt Ion:266	Resp:	162
Ion Ratio	Lower	Upper
266	100	
264	64.8	49.9 74.9
268	56.8	52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#15

Phenanthrene

Concen: 5.768 ng/ul

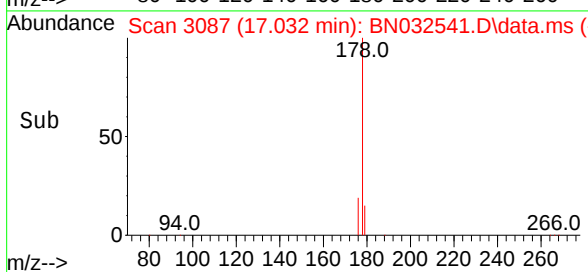
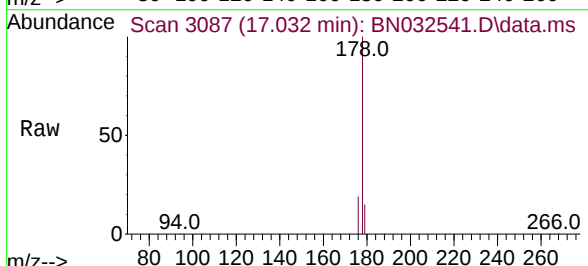
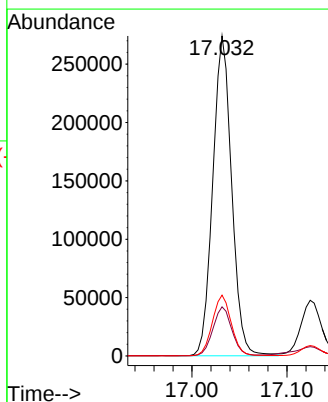
RT: 17.032 min Scan# 3087

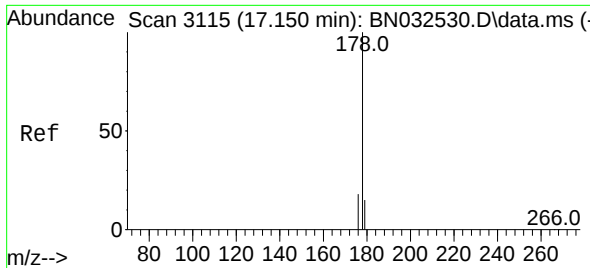
Delta R.T. -0.018 min

Lab File: BN032541.D

Acq: 06 Jul 2024 11:48

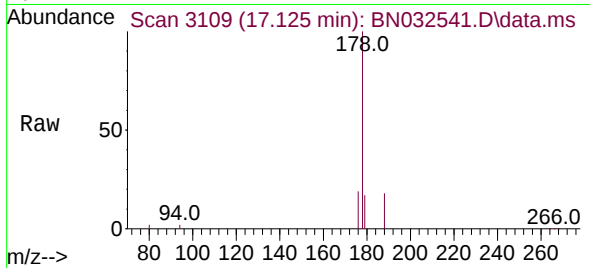
Tgt Ion:178	Resp:	379151
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.6 18.8
176	19.0	15.6 23.4





#16
 Anthracene
 Concen: 1.272 ng/ul
 RT: 17.125 min Scan# 3109
 Delta R.T. -0.018 min
 Lab File: BN032541.D
 Acq: 06 Jul 2024 11:48

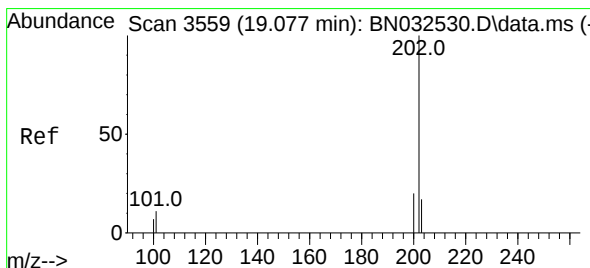
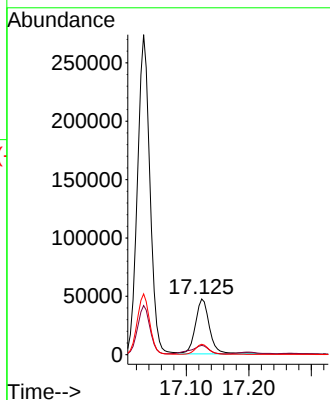
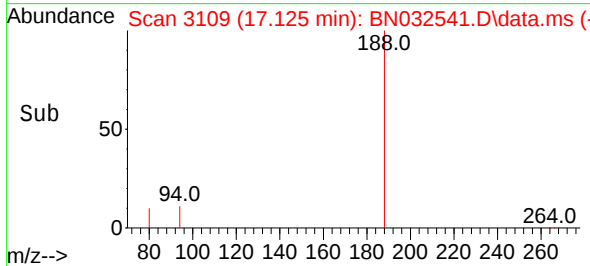
Instrument :
 BNA_N
 ClientSampleId :
 A4CT2



Tgt Ion:178 Resp: 74600
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.5 18.7
 176 18.7 15.0 22.6

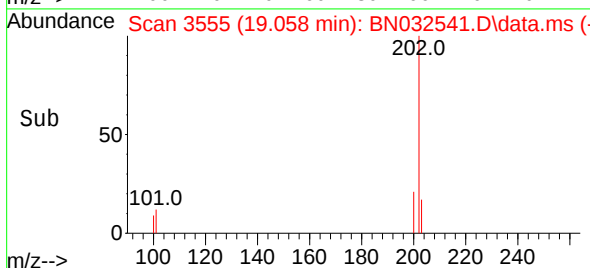
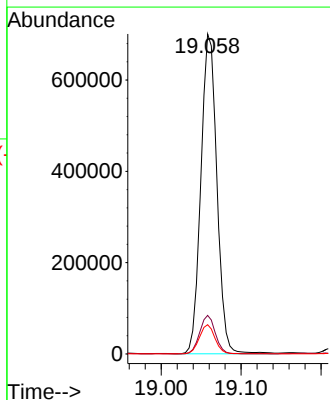
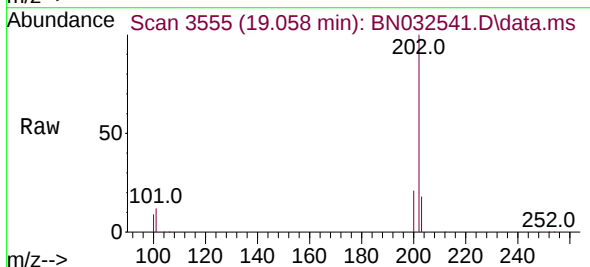
Manual Integrations
 APPROVED

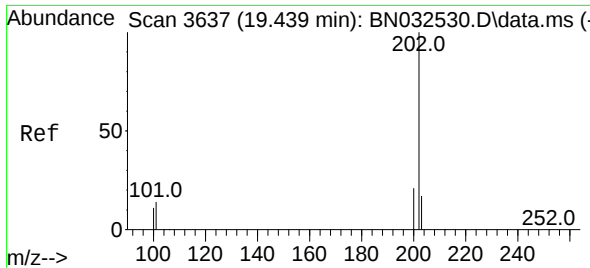
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 11.558 ng/ul
 RT: 19.058 min Scan# 3555
 Delta R.T. -0.015 min
 Lab File: BN032541.D
 Acq: 06 Jul 2024 11:48

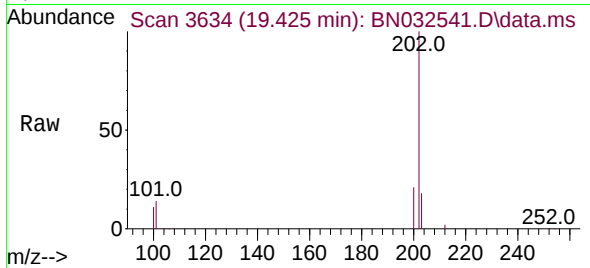
Tgt Ion:202 Resp: 977645
 Ion Ratio Lower Upper
 202 100
 101 12.0 8.8 13.2
 100 9.1 6.4 9.6





#20
Pyrene
Concen: 7.565 ng/ul
RT: 19.425 min Scan# 3099
Delta R.T. -0.015 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

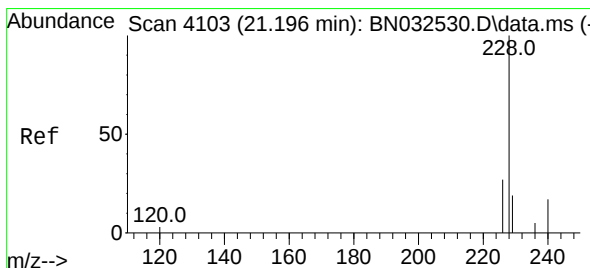
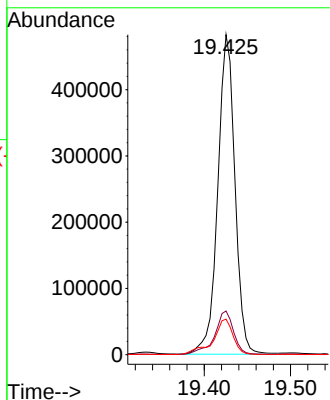
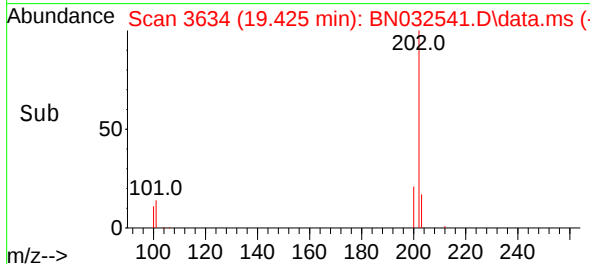
Instrument :
BNA_N
ClientSampleId :
A4CT2



Tgt Ion:202 Resp: 668777
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.4
100 11.1 8.7 13.1

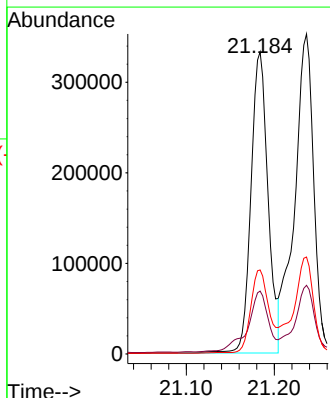
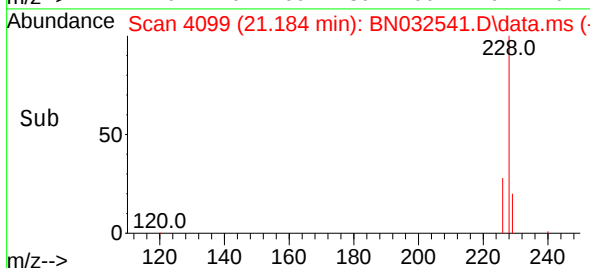
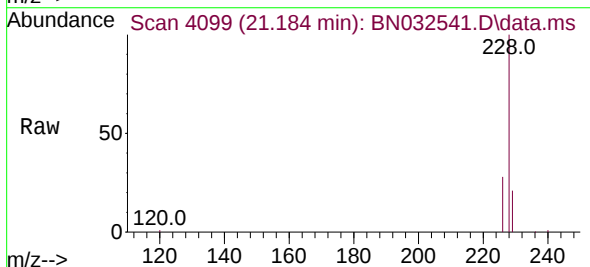
Manual Integrations
APPROVED

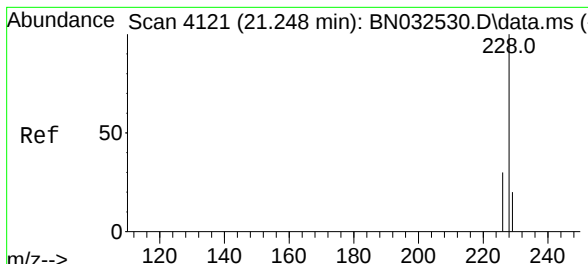
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 5.583 ng/ul
RT: 21.184 min Scan# 4099
Delta R.T. -0.007 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

Tgt Ion:228 Resp: 447659
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.8 21.8 32.8





#22
 Chrysene
 Concen: 6.025 ng/ul
 RT: 21.236 min Scan# 4117
 Delta R.T. -0.007 min
 Lab File: BN032541.D
 Acq: 06 Jul 2024 11:48

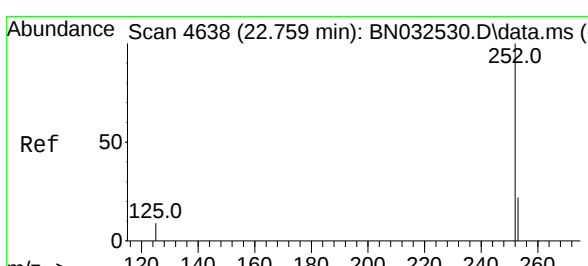
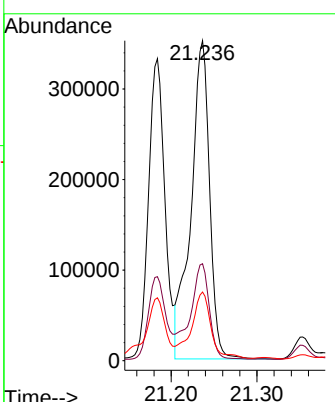
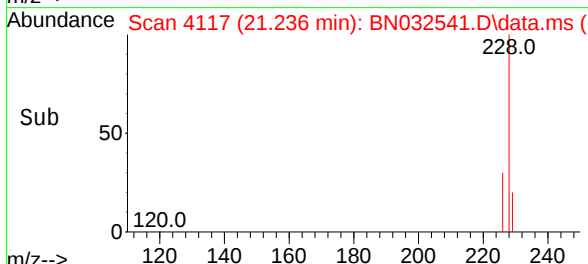
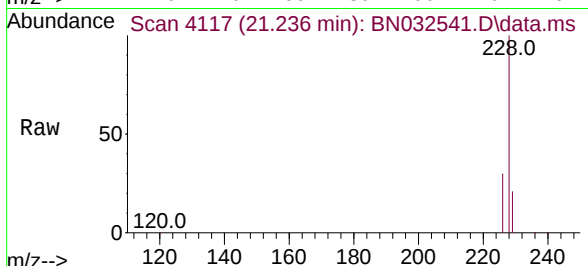
Instrument : BNA_N
 ClientSampleId : A4CT2

Tgt Ion:228 Resp: 530180

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	21.5	15.7	23.5

Manual Integrations
 APPROVED

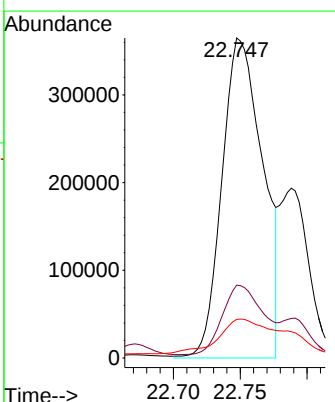
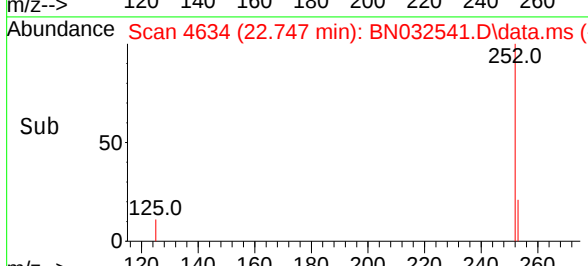
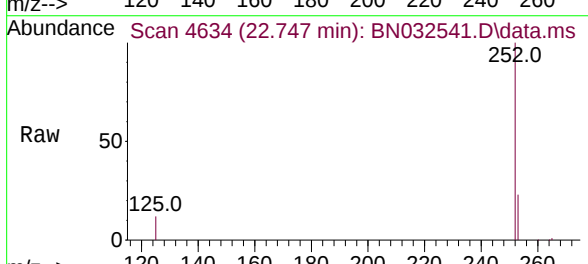
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

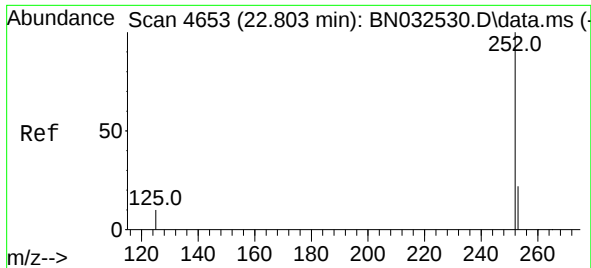


#24
 Benzo(b)fluoranthene
 Concen: 6.757 ng/ul m
 RT: 22.747 min Scan# 4634
 Delta R.T. -0.010 min
 Lab File: BN032541.D
 Acq: 06 Jul 2024 11:48

Tgt Ion:252 Resp: 774371

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	50.2
125	12.1	0.0	32.0





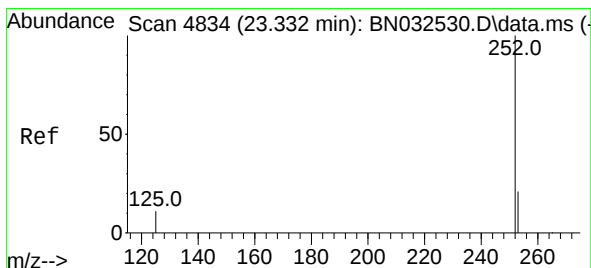
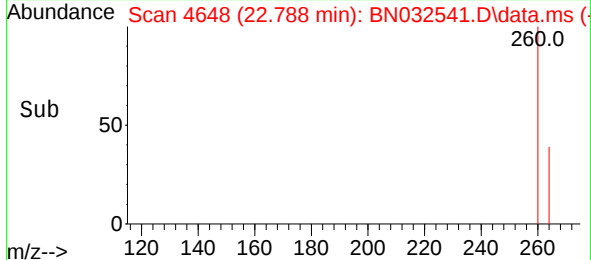
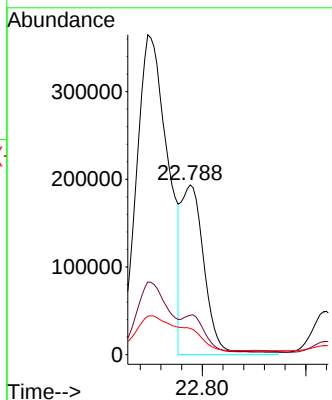
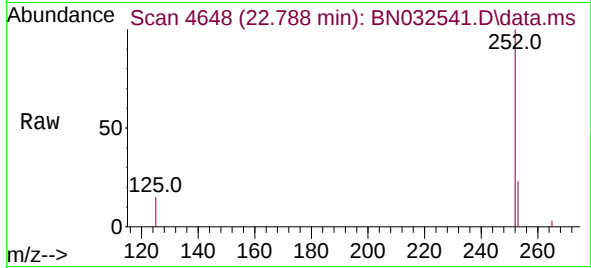
#25
Benzo(k)fluoranthene
Concen: 2.706 ng/ul m
RT: 22.788 min Scan# 4648
Delta R.T. -0.013 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

Instrument :
BNA_N
ClientSampleId :
A4CT2

Tgt Ion:252 Resp: 30135
Ion Ratio Lower Upper
252 100
253 23.3 20.3 30.5
125 15.5 12.8 19.2

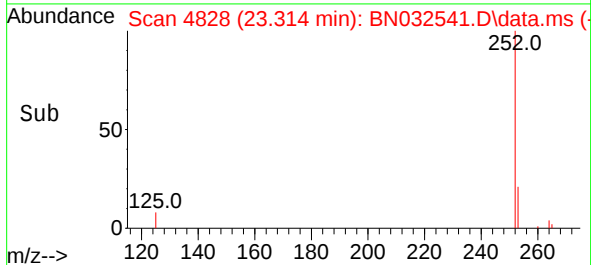
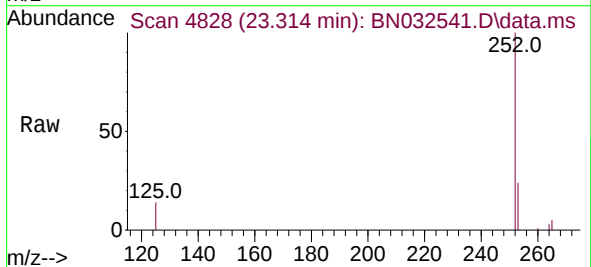
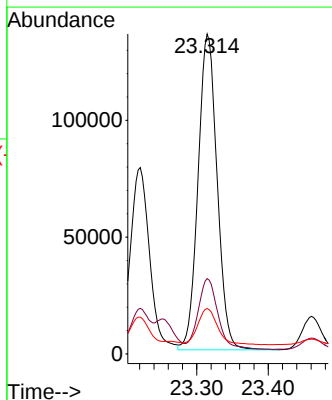
Manual Integrations
APPROVED

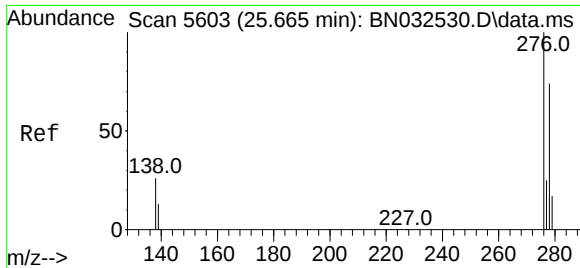
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 3.147 ng/ul
RT: 23.314 min Scan# 4828
Delta R.T. -0.013 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

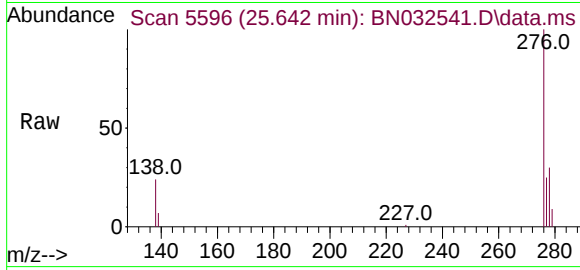
Tgt Ion:252 Resp: 250906
Ion Ratio Lower Upper
252 100
253 23.5 22.2 33.2
125 14.2 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.162 ng/ul
RT: 25.642 min Scan# 5596
Delta R.T. -0.018 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48

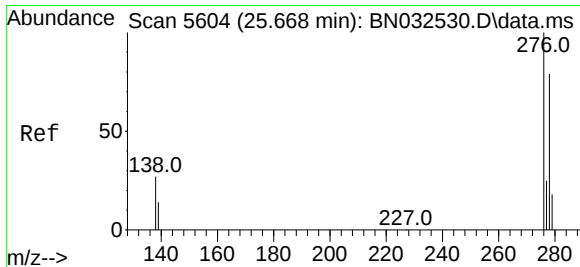
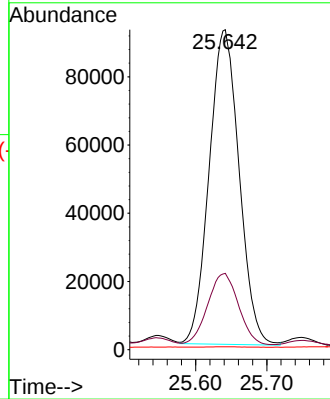
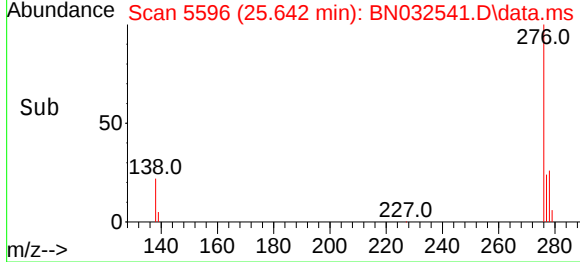
Instrument :
BNA_N
ClientSampleId :
A4CT2



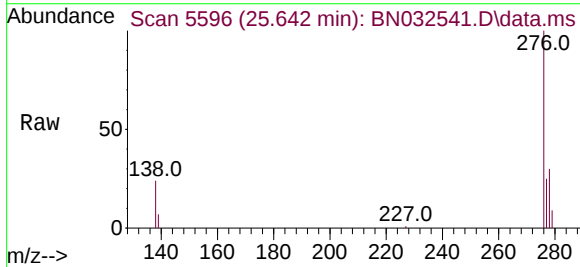
Tgt Ion:276 Resp: 26988
Ion Ratio Lower Upper
276 100
138 23.3 21.3 31.9
227 0.2 0.1 0.1

Manual Integrations
APPROVED

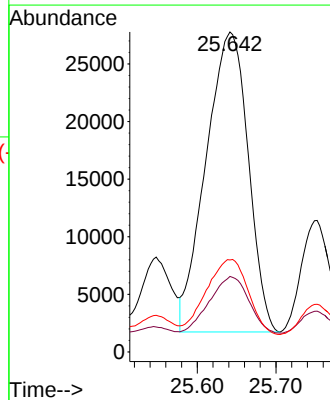
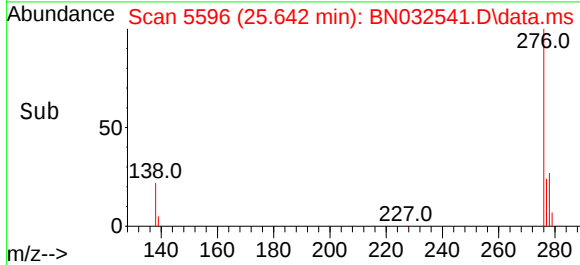
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

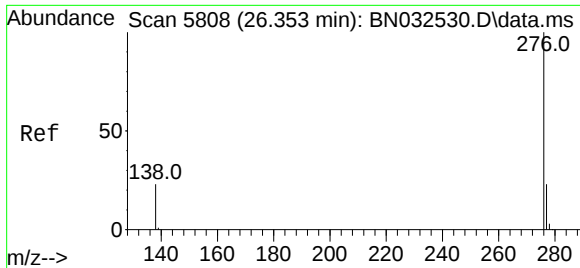


#28
Dibenzo(a,h)anthracene
Concen: 1.048 ng/ul
RT: 25.642 min Scan# 5596
Delta R.T. -0.025 min
Lab File: BN032541.D
Acq: 06 Jul 2024 11:48



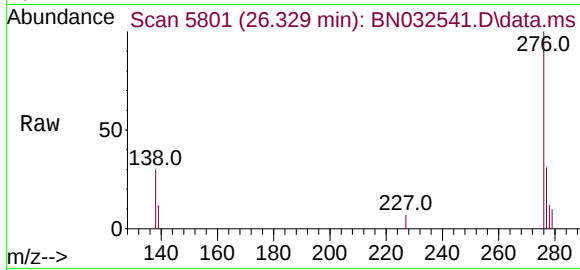
Tgt Ion:278 Resp: 97245
Ion Ratio Lower Upper
278 100
139 23.6 15.9 23.9
279 28.8 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.363 ng/ul
 RT: 26.329 min Scan# 51
 Delta R.T. -0.015 min
 Lab File: BN032541.D
 Acq: 06 Jul 2024 11:48

Instrument :
 BNA_N
 ClientSampleId :
 A4CT2



Tgt Ion:	276	Resp:	3606
Ion Ratio	Lower	Upper	
276	100		
138	30.5	19.8	29.6
277	31.2	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

