

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032515.D
 Acq On : 05 Jul 2024 19:30
 Operator : MA/JU
 Sample : P2963-22DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 23:28:31 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	7.595	152	5448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	15341	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	8307	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.999	188	15672	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	14603	0.400	ng/ul	# 0.00
23) Perylene-d12	23.421	264	17451	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	5892	0.973	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1297	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	2581	0.059	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	14415	0.355	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	5189	0.193	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	2957	0.106	ng/ul	97
10) Acenaphthylene	13.962	152	23426	0.678	ng/ul	99
11) Acenaphthene	14.304	153	4917	0.183	ng/ul	97
12) Fluorene	15.299	166	6230	0.195	ng/ul#	98
14) Pentachlorophenol	16.670	266	132	0.037	ng/ul	91
15) Phenanthrene	17.037	178	135486	3.153	ng/ul	99
16) Anthracene	17.134	178	38277	0.999	ng/ul	99
19) Fluoranthene	19.064	202	274625	4.939	ng/ul	97
20) Pyrene	19.431	202	209682	3.608	ng/ul	100
21) Benzo(a)anthracene	21.188	228	150245	2.851	ng/ul	96
22) Chrysene	21.241	228	169257	2.926	ng/ul	97
24) Benzo(b)fluoranthene	22.757	252	244817m	3.229	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	78985m	1.072	ng/ul	
26) Benzo(a)pyrene	23.325	252	85991	1.630	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.656	276	90702	1.098	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.656	278	33103	0.539	ng/ul#	79
29) Benzo(g,h,i)perylene	26.344	276	12988	0.197	ng/ul#	76

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

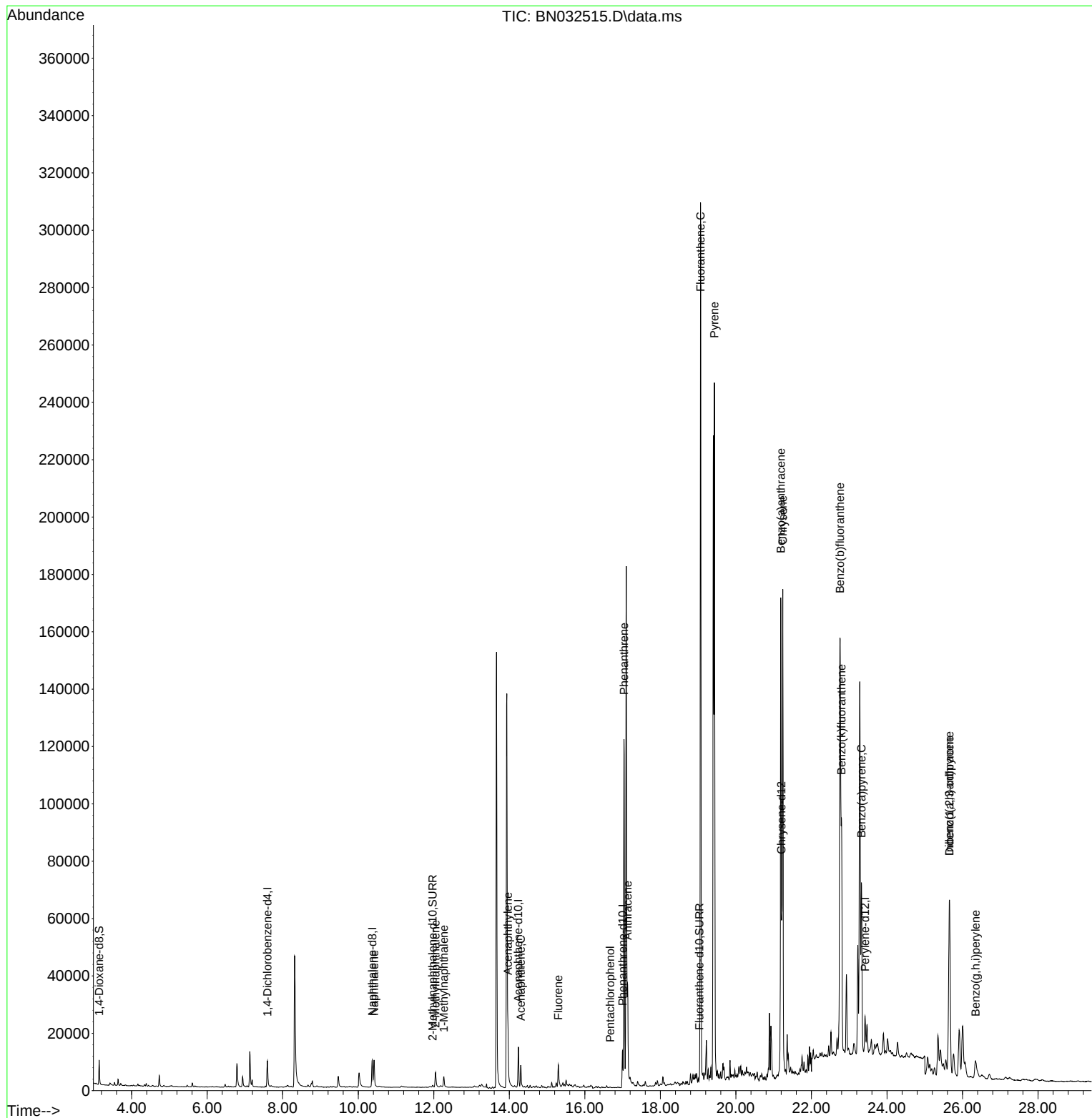
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032515.D
Acq On : 05 Jul 2024 19:30
Operator : MA/JU
Sample : P2963-22DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

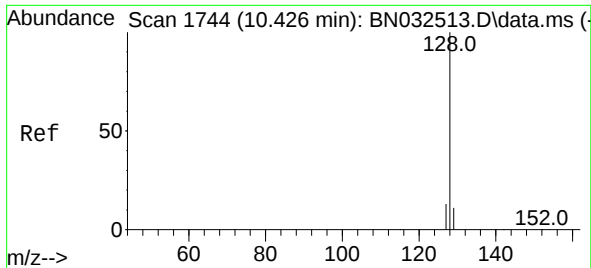
Instrument :
BNA_N
ClientSampleId :
A4CS3DL

Manual Integrations
APPROVED

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

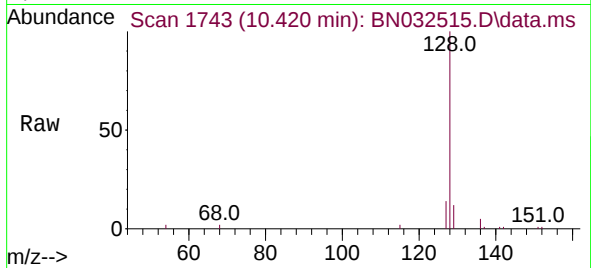
Quant Time: Jul 05 23:28:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.420 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

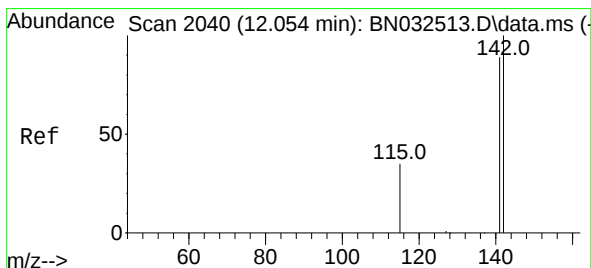
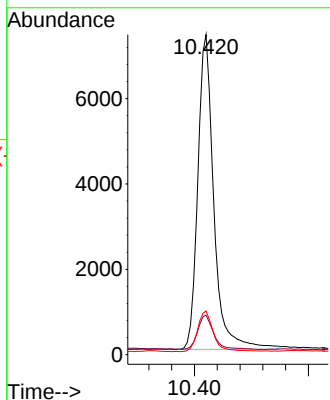
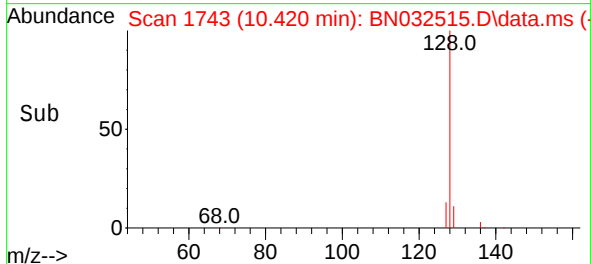
Instrument :
BNA_N
ClientSampleId :
A4CS3DL



Tgt Ion:128 Resp: 14415
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.7 10.8 16.2

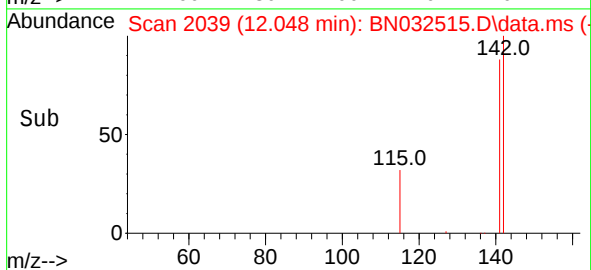
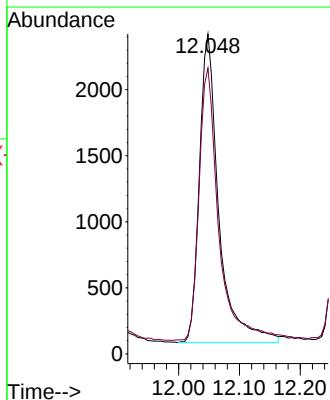
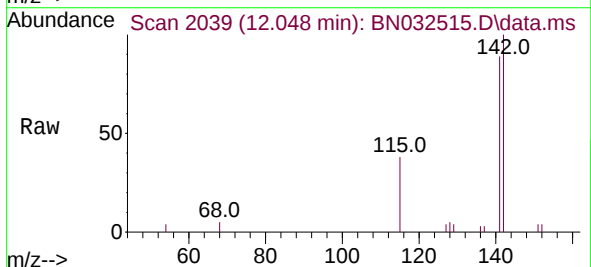
Manual Integrations
APPROVED

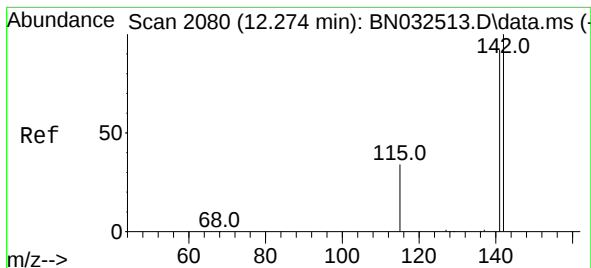
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.193 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

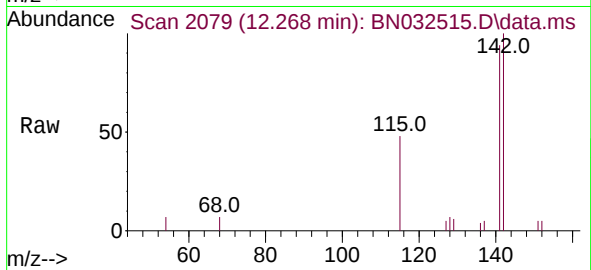
Tgt Ion:142 Resp: 5189
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

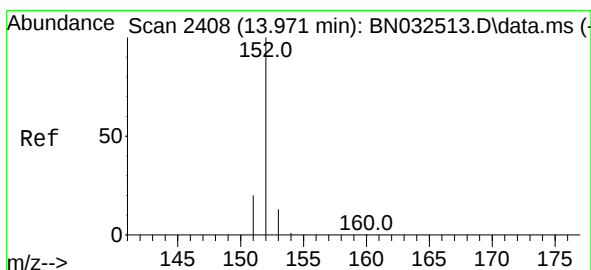
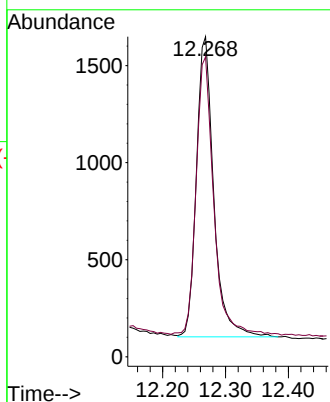
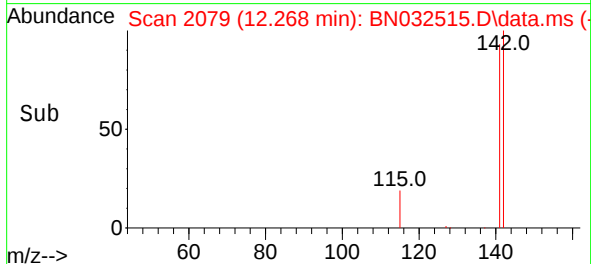
Instrument :
BNA_N
ClientSampleId :
A4CS3DL



Tgt Ion:142 Resp: 295
Ion Ratio Lower Upper
142 100
141 94.1 73.4 110.0

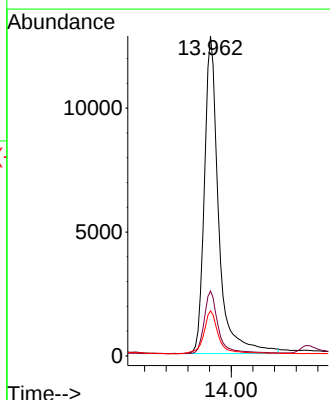
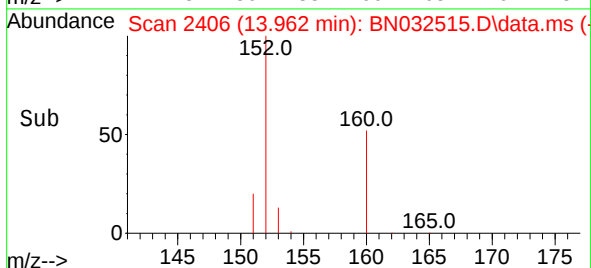
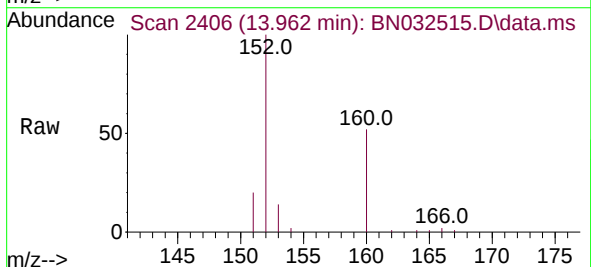
Manual Integrations
APPROVED

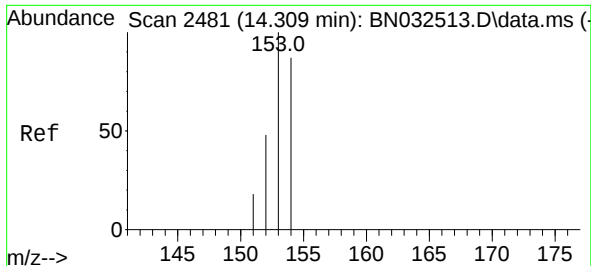
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.678 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

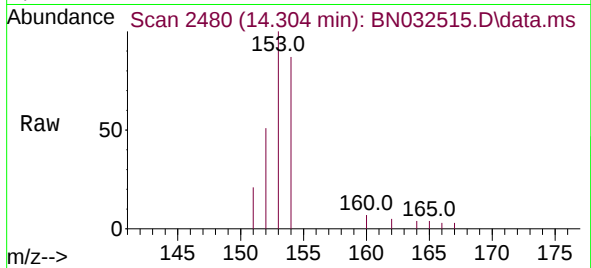
Tgt Ion:152 Resp: 23426
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.183 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

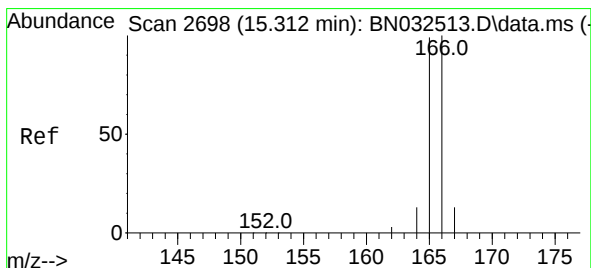
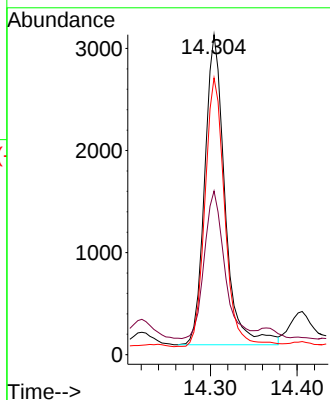
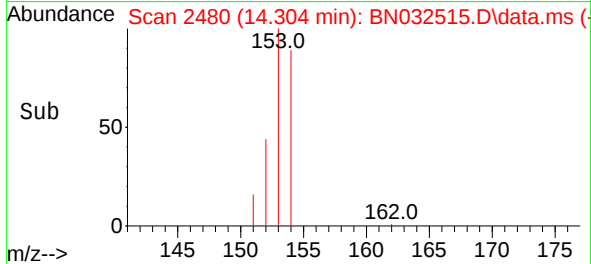
Instrument :
BNA_N
ClientSampleId :
A4CS3DL



Tgt Ion:153 Resp: 491
Ion Ratio Lower Upper
153 100
152 51.2 39.5 59.3
154 86.5 71.7 107.5

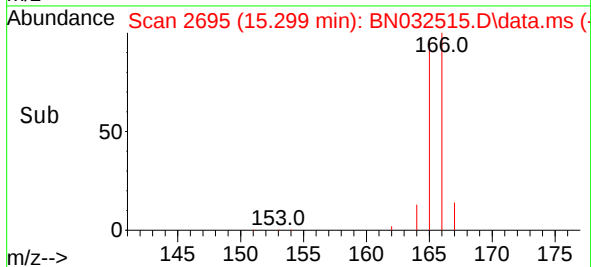
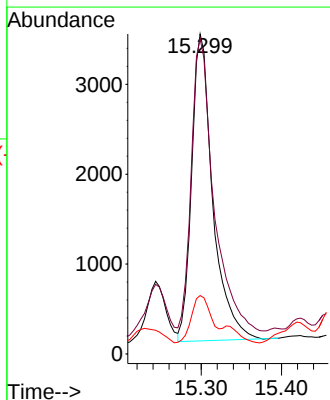
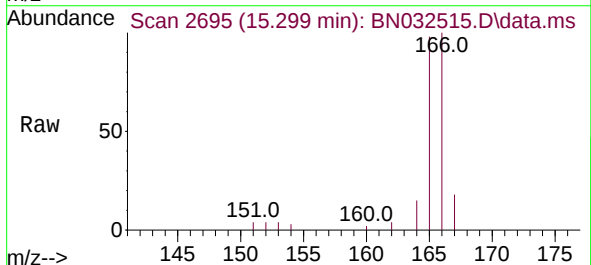
Manual Integrations
APPROVED

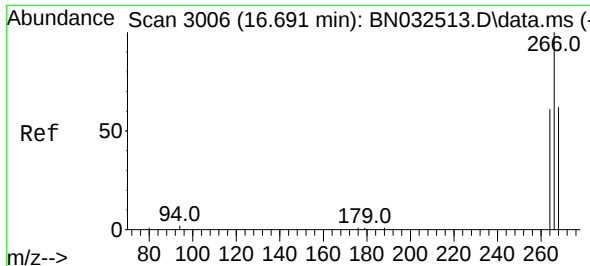
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.195 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

Tgt Ion:166 Resp: 6230
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 18.2 11.0 16.6#





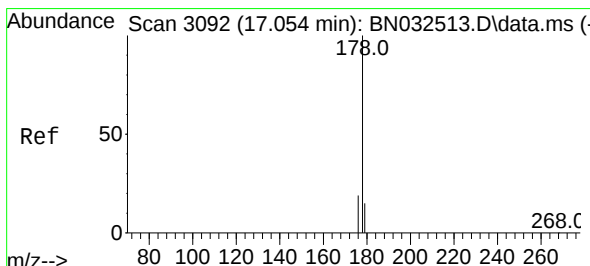
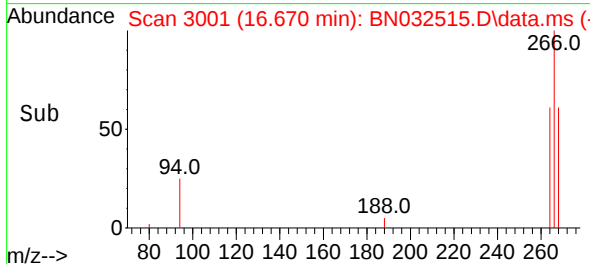
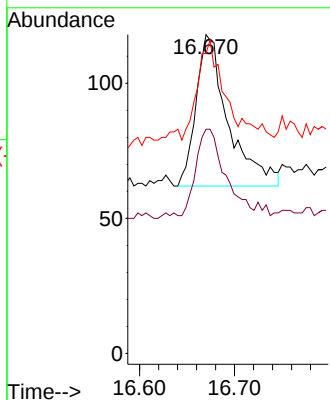
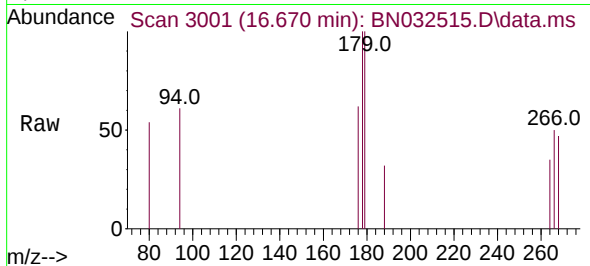
#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 16.670 min Scan# 3006
Delta R.T. -0.004 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

Instrument :
BNA_N
ClientSampleId :
A4CS3DL

Tgt Ion:266 Resp: 135486
Ion Ratio Lower Upper
266 100
264 50.8 49.9 74.9
268 62.9 52.4 78.6

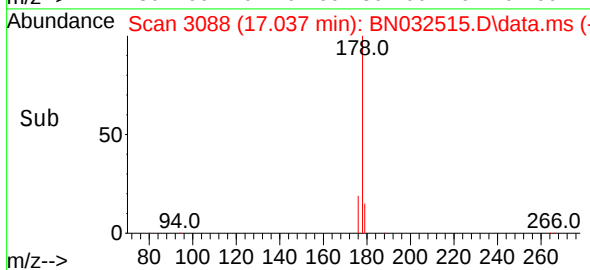
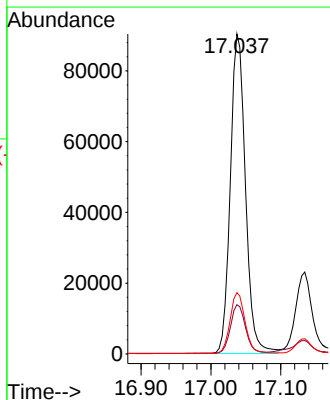
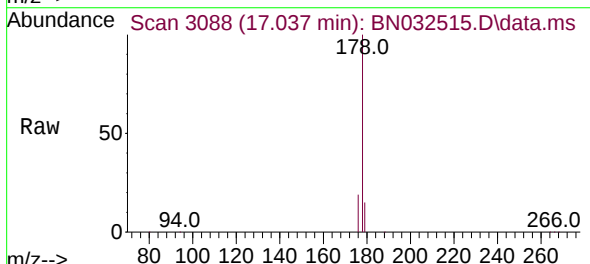
Manual Integrations
APPROVED

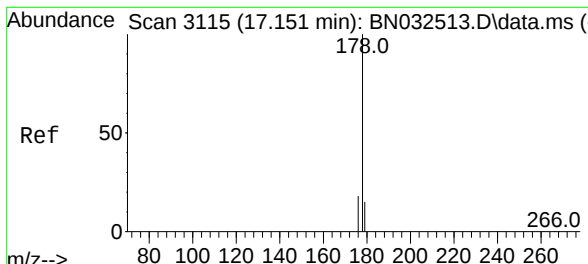
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 3.153 ng/ul
RT: 17.037 min Scan# 3088
Delta R.T. -0.013 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

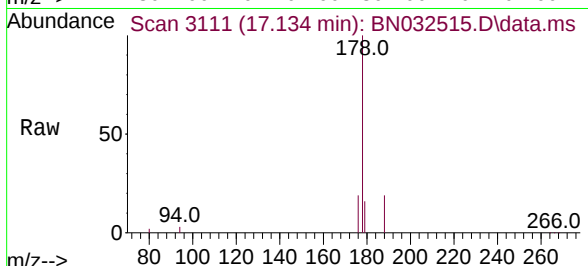
Tgt Ion:178 Resp: 135486
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 0.999 ng/ul
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.008 min
 Lab File: BN032515.D
 Acq: 05 Jul 2024 19:30

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3DL

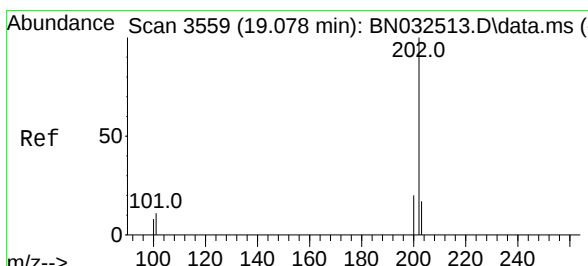
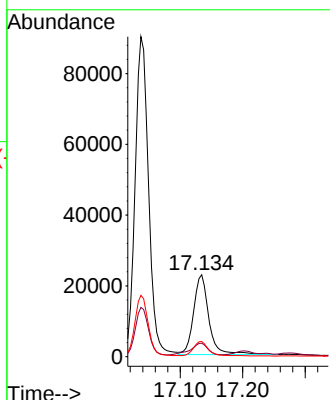
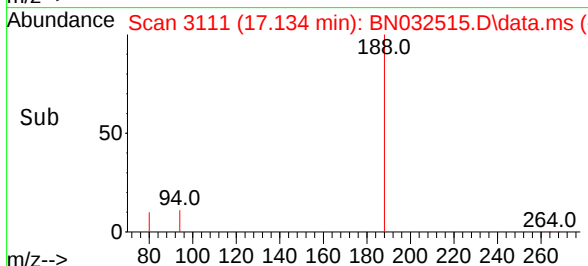


Tgt Ion:178 Resp: 3827

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	18.6	15.0	22.6

Manual Integrations
 APPROVED

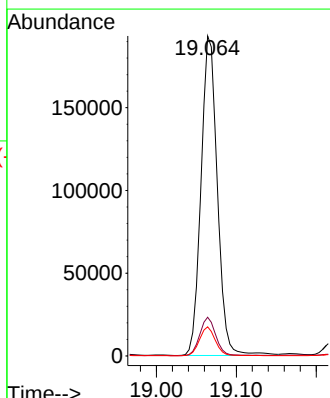
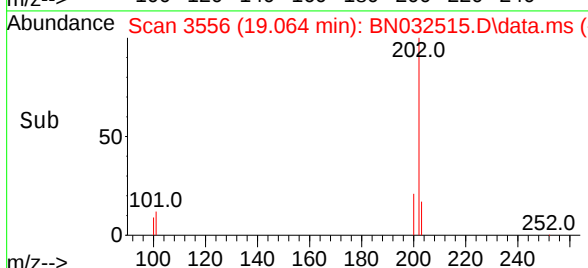
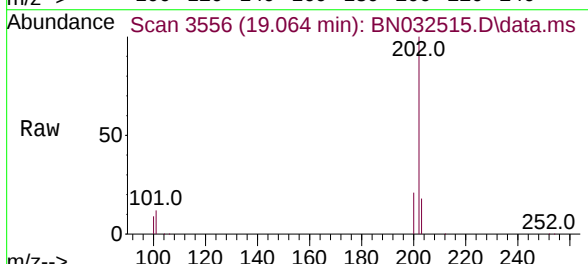
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

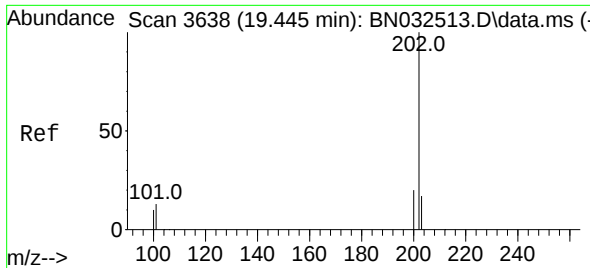


#19
 Fluoranthene
 Concen: 4.939 ng/ul
 RT: 19.064 min Scan# 3556
 Delta R.T. -0.009 min
 Lab File: BN032515.D
 Acq: 05 Jul 2024 19:30

Tgt Ion:202 Resp: 274625

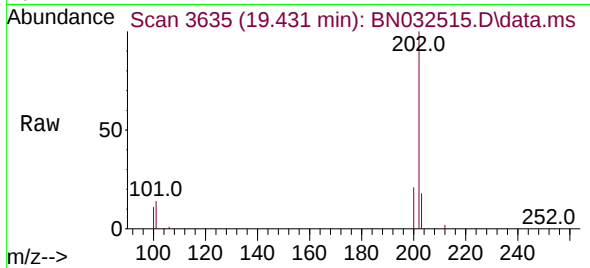
Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.8	13.2
100	9.1	6.4	9.6





#20
Pyrene
Concen: 3.608 ng/ul
RT: 19.431 min Scan# 30968
Delta R.T. -0.009 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

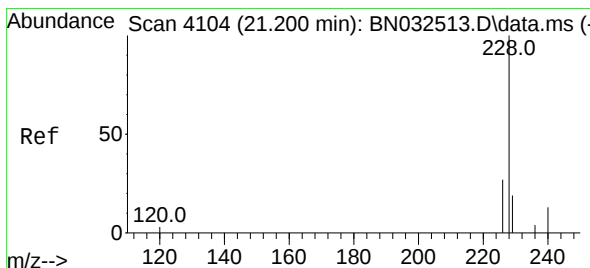
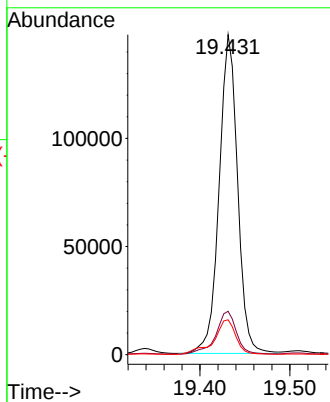
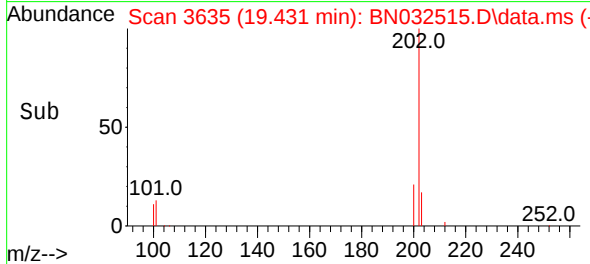
Instrument :
BNA_N
ClientSampleId :
A4CS3DL



Tgt Ion:202 Resp: 20968
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
100 10.9 8.7 13.1

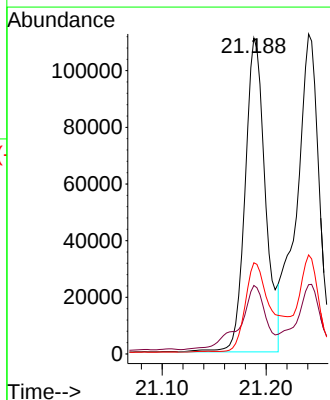
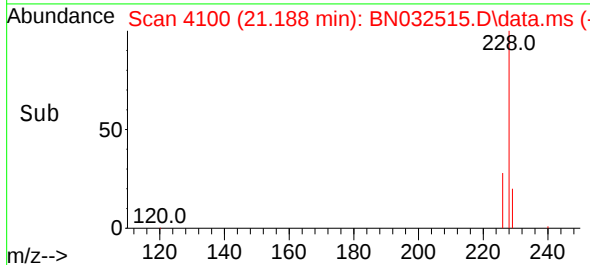
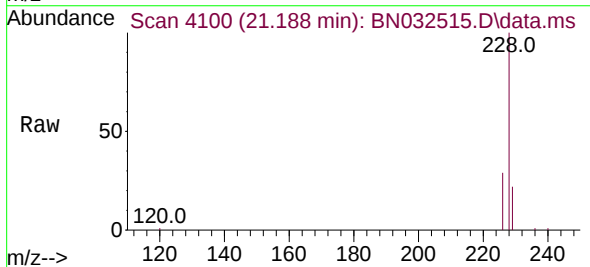
Manual Integrations
APPROVED

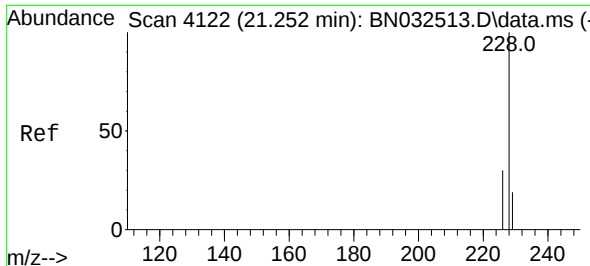
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 2.851 ng/ul
RT: 21.188 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

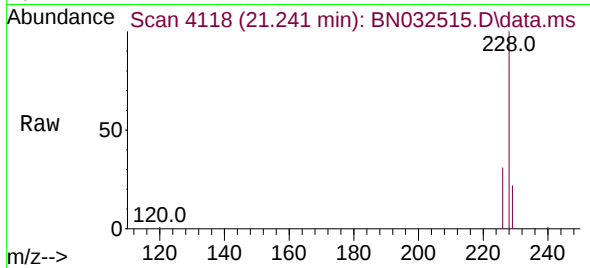
Tgt Ion:228 Resp: 150245
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.9 21.8 32.8





#22
Chrysene
Concen: 2.926 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

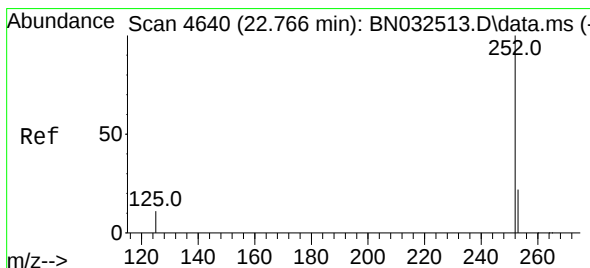
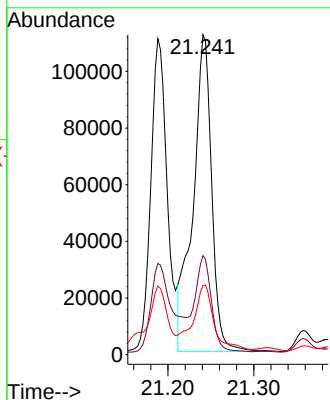
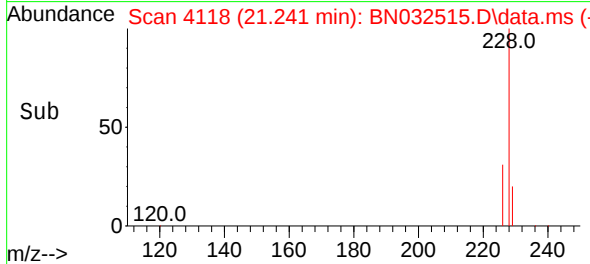
Instrument :
BNA_N
ClientSampleId :
A4CS3DL



Tgt Ion:228 Resp: 16925
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.7 15.7 23.5

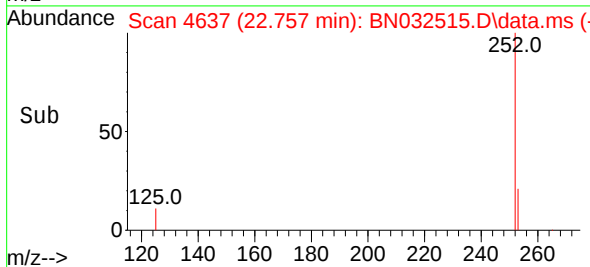
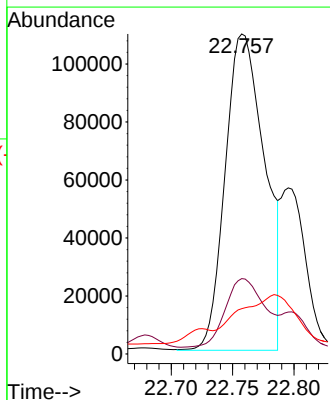
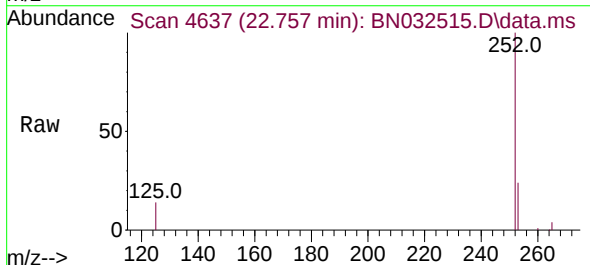
Manual Integrations
APPROVED

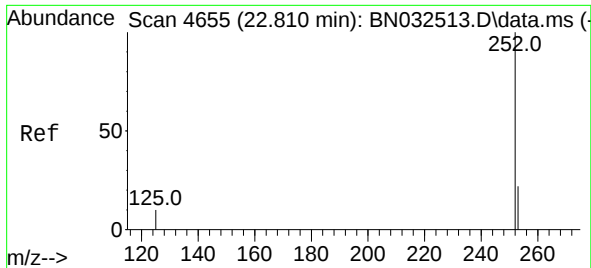
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#24
Benzo(b)fluoranthene
Concen: 3.229 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. 0.000 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

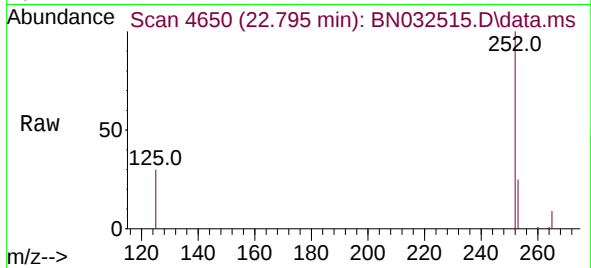
Tgt Ion:252 Resp: 244817
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.2
125 14.1 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 1.072 ng/ul m
RT: 22.795 min Scan# 4655
Delta R.T. -0.006 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

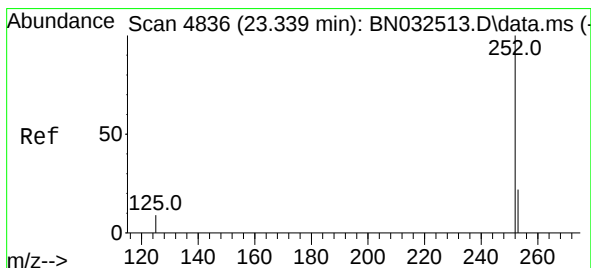
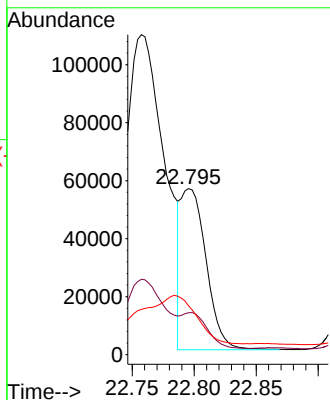
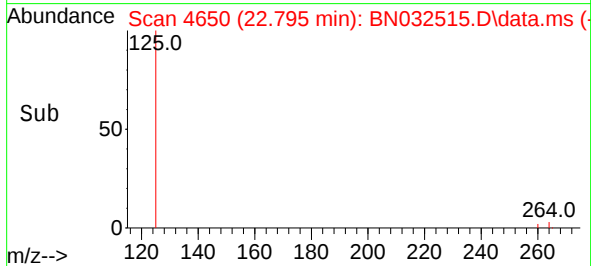
Instrument :
BNA_N
ClientSampleId :
A4CS3DL



Tgt Ion:252 Resp: 78985
Ion Ratio Lower Upper
252 100
253 25.3 20.3 30.5
125 29.5 12.8 19.2

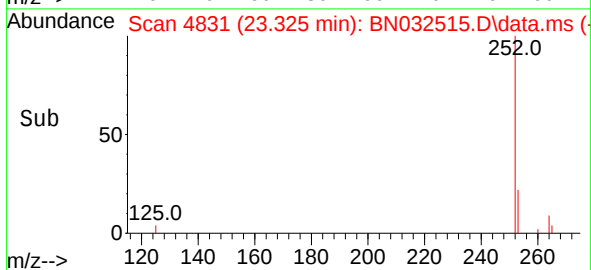
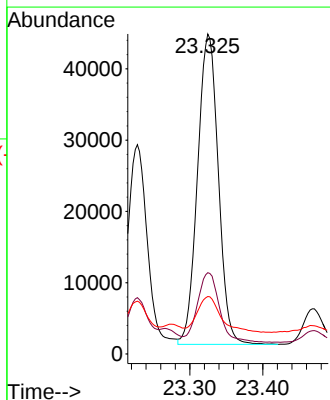
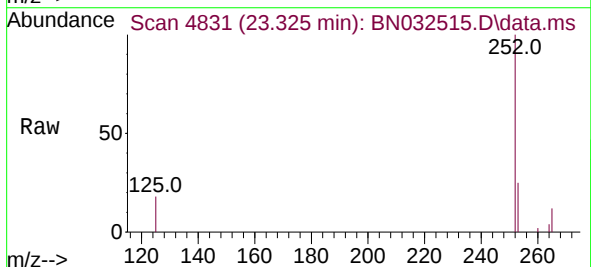
Manual Integrations
APPROVED

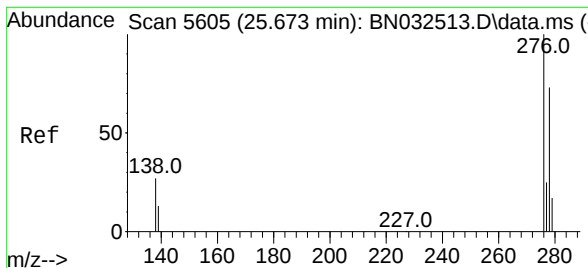
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 1.630 ng/ul
RT: 23.325 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

Tgt Ion:252 Resp: 85991
Ion Ratio Lower Upper
252 100
253 25.4 22.2 33.2
125 18.0 16.4 24.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.098 ng/ul

RT: 25.656 min Scan# 5600

Delta R.T. -0.003 min

Lab File: BN032515.D

Acq: 05 Jul 2024 19:30

Instrument :

BNA_N

ClientSampleId :

A4CS3DL

Tgt Ion:276 Resp: 90702

Ion Ratio Lower Upper

276 100

138 24.2 21.3 31.9

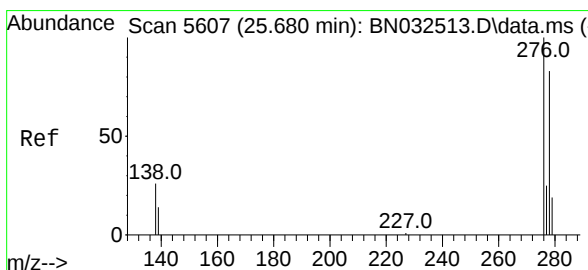
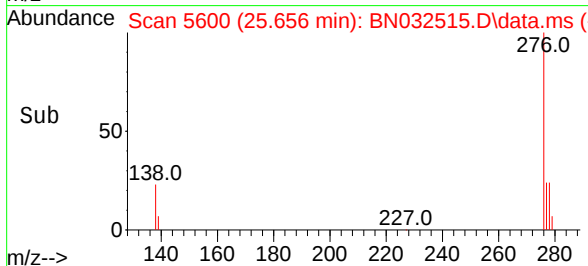
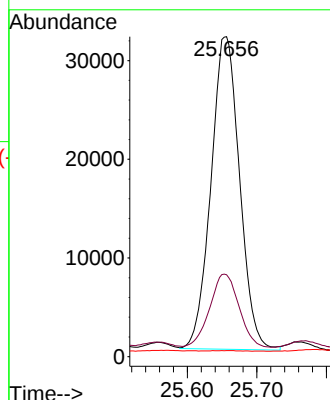
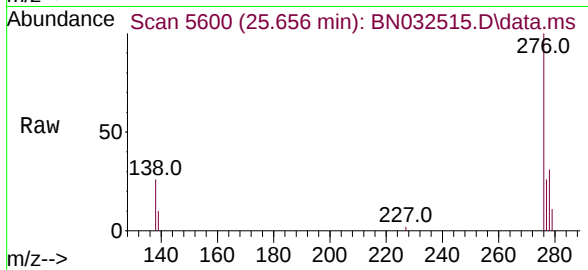
227 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.539 ng/ul

RT: 25.656 min Scan# 5600

Delta R.T. -0.010 min

Lab File: BN032515.D

Acq: 05 Jul 2024 19:30

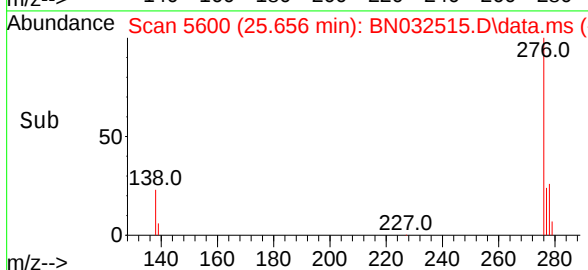
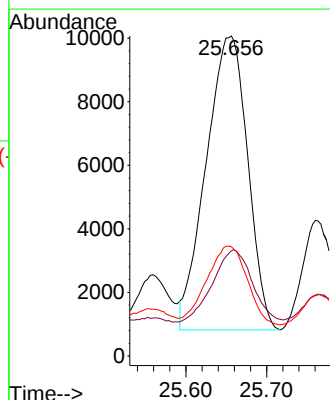
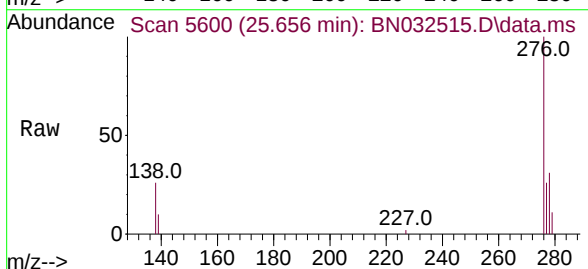
Tgt Ion:278 Resp: 33103

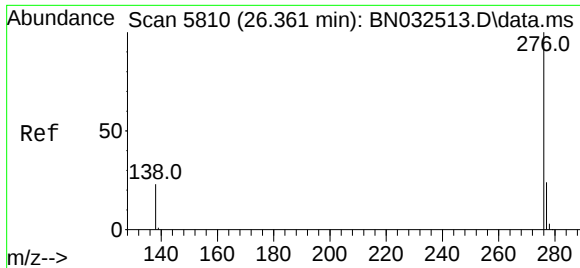
Ion Ratio Lower Upper

278 100

139 32.8 15.9 23.9#

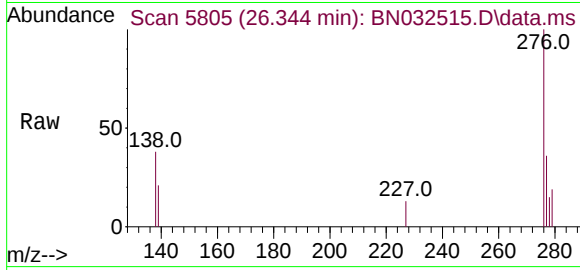
279 34.1 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 26.344 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032515.D
Acq: 05 Jul 2024 19:30

Instrument :
BNA_N
ClientSampleId :
A4CS3DL



Tgt Ion:276 Resp: 1298
Ion Ratio Lower Upper
276 100
138 37.9 19.8 29.6
277 36.0 19.8 29.6

Manual Integrations
APPROVED

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

