

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034437.D
 Acq On : 07 Oct 2024 14:19
 Operator : RC/JU
 Sample : P4109-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EH6

Manual Integrations
 APPROVED

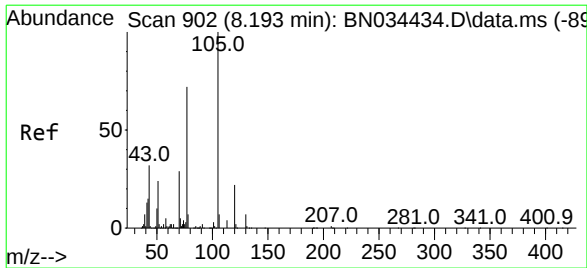
Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 15:04:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

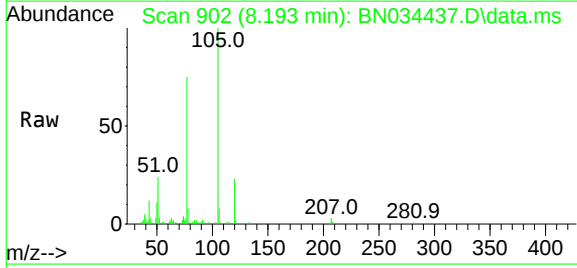
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	174561	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.128	136	697409	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.028	164	438132	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	925758	20.000	ng/ul	-0.01
79) Chrysene-d12	21.028	240	885503	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	932378	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	9084	2.124	ng/uL	0.00
4) Pyridine-d5	3.399	84	12983m	1.021	ng/ul	0.01
7) Phenol-d5	6.575	99	158850	10.253	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	109830	11.426	ng/ul	0.00
11) 2-Chlorophenol-d4	6.917	132	152218	12.482	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	100622	7.893	ng/ul	-0.01
21) Nitrobenzene-d5	8.516	128	70848	12.745	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.234	143	76197	13.330	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	136063	12.639	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	46031m	2.824	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	442013	13.499	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	509626	13.835	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	36204	5.388	ng/ul	0.00
60) Fluorene-d10	15.034	176	397382	14.320	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	45619	8.265	ng/ul	0.00
73) Anthracene-d10	16.887	188	617088	14.178	ng/ul	-0.01
81) Pyrene-d10	19.198	212	646273	13.099	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	411088	8.583	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.193	105	56931	2.819	ng/ul	97
50) Acenaphthylene	13.746	152	47473	1.178	ng/ul	97
61) Fluorene	15.093	166	33993	1.056	ng/ul	93
72) Phenanthrene	16.828	178	783399	15.347	ng/ul	99
74) Anthracene	16.922	178	149339	2.865	ng/ul	99
77) Carbazole	17.198	167	77662	1.619	ng/ul	99
80) Fluoranthene	18.863	202	1840587	31.911	ng/ul	98
82) Pyrene	19.228	202	1263639	20.379	ng/ul	95
85) Benzo(a)anthracene	21.010	228	806670	12.777	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.975	149	173715	4.268	ng/ul#	94
87) Chrysene	21.069	228	952233	15.807	ng/ul	99
90) Benzo(b)fluoranthene	22.892	252	1226783	21.581	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	423257	7.548	ng/ul	97
93) Benzo(a)pyrene	23.610	252	362022	6.741	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.721	276	383029	5.757	ng/ul	99
95) Dibenzo(a,h)anthracene	26.763	278	137718	2.561	ng/ul	94

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



#16
Acetophenone
Concen: 2.819 ng/u1
RT: 8.193 min Scan# 902
Delta R.T. -0.012 min
Lab File: BN034437.D
Acq: 07 Oct 2024 14:19

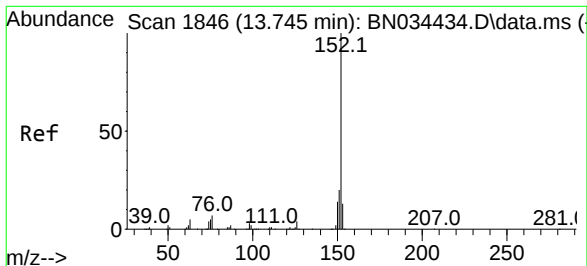
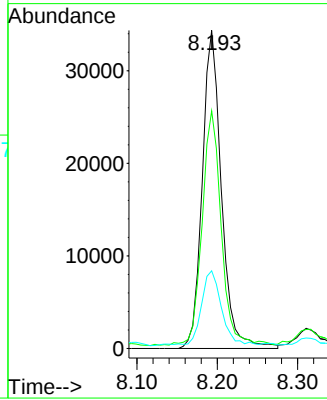
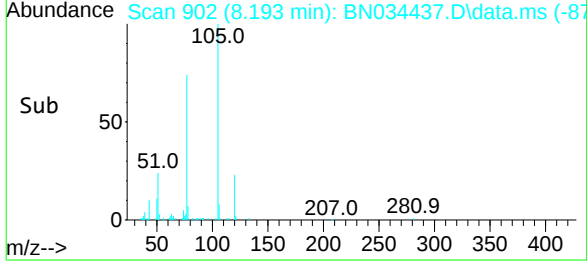
Instrument :
BNA_N
ClientSampleId :
A4EH6



Tgt Ion:	105	Resp:	56931
Ion Ratio	Lower	Upper	
105	100		
77	74.7	61.1	91.7
51	24.4	22.6	33.8

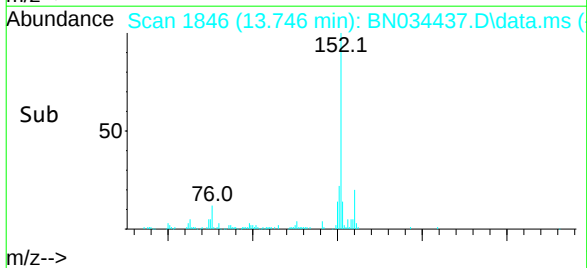
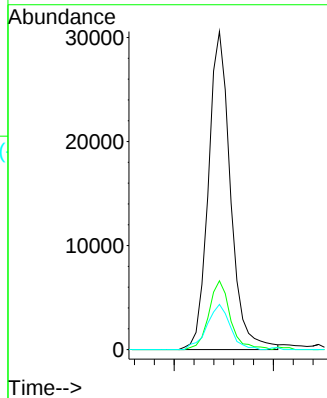
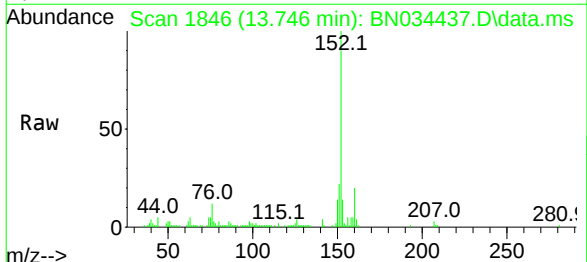
Manual Integrations
APPROVED

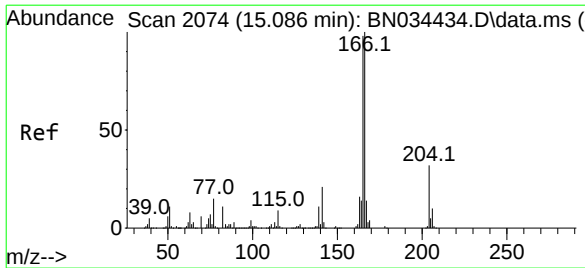
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



#50
Acenaphthylene
Concen: 1.178 ng/u1
RT: 13.746 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BN034437.D
Acq: 07 Oct 2024 14:19

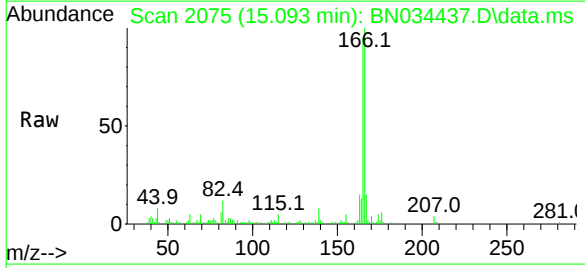
Tgt Ion:	152	Resp:	47473
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.2	24.4
153	14.2	10.6	16.0





#61
Fluorene
Concen: 1.056 ng/ul
RT: 15.093 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BN034437.D
Acq: 07 Oct 2024 14:19

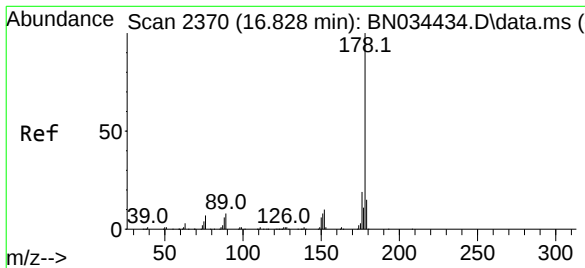
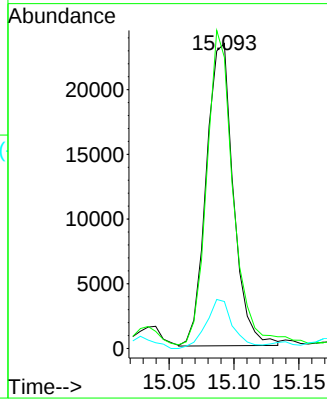
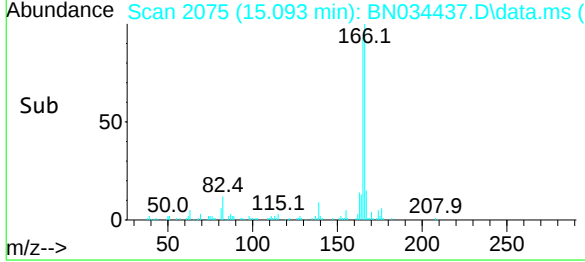
Instrument :
BNA_N
ClientSampleId :
A4EH6



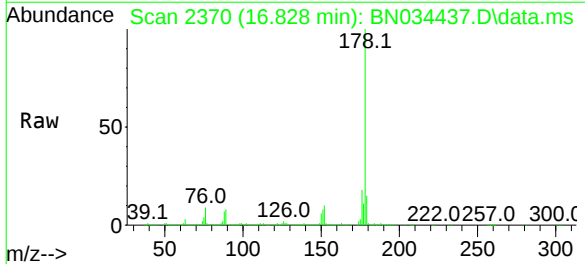
Tgt Ion:166 Resp: 33993
Ion Ratio Lower Upper
166 100
165 95.5 81.9 122.9
167 15.4 10.9 16.3

Manual Integrations
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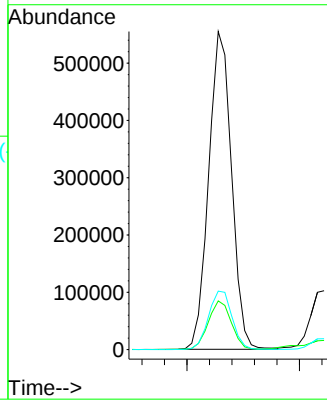
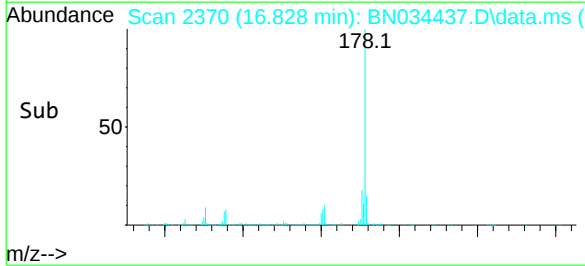
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024

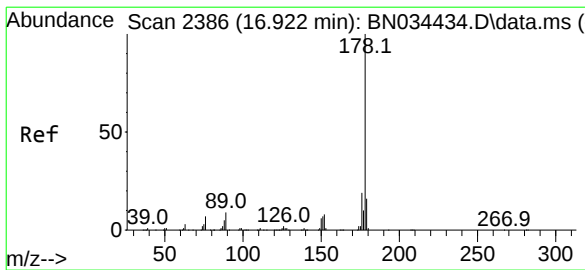


#72
Phenanthrene
Concen: 15.347 ng/ul
RT: 16.828 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BN034437.D
Acq: 07 Oct 2024 14:19



Tgt Ion:178 Resp: 783399
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 18.4 15.2 22.8





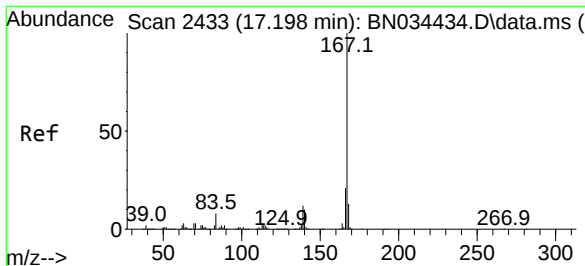
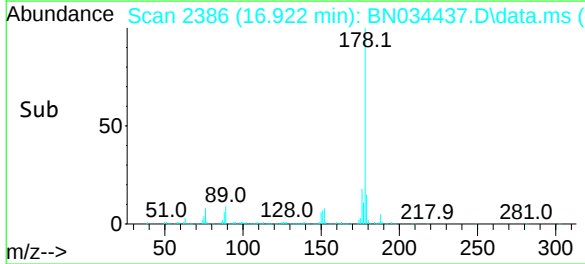
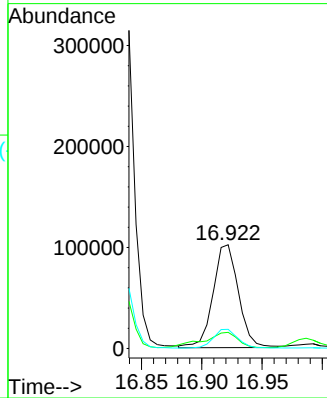
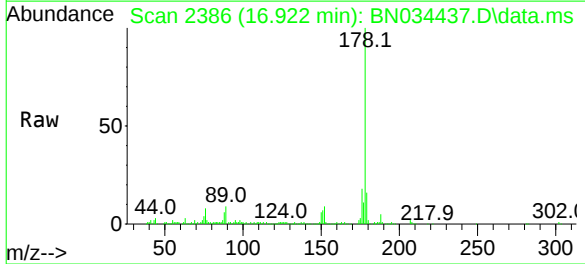
#74
 Anthracene
 Concen: 2.865 ng/u1
 RT: 16.922 min Scan# 2386
 Delta R.T. -0.012 min
 Lab File: BN034437.D
 Acq: 07 Oct 2024 14:19

Instrument :
 BNA_N
 ClientSampleId :
 A4EH6

Tgt Ion:	178	Resp:	149339
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.2
176	18.5	15.0	22.6

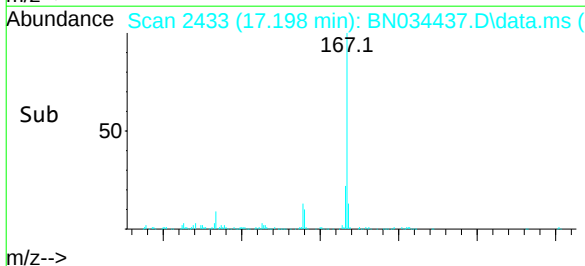
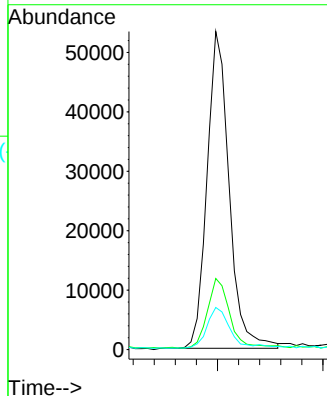
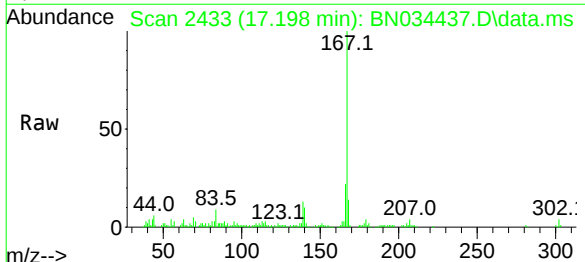
Manual Integrations
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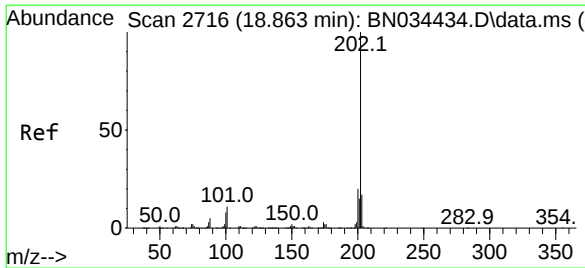
Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024



#77
 Carbazole
 Concen: 1.619 ng/u1
 RT: 17.198 min Scan# 2433
 Delta R.T. -0.012 min
 Lab File: BN034437.D
 Acq: 07 Oct 2024 14:19

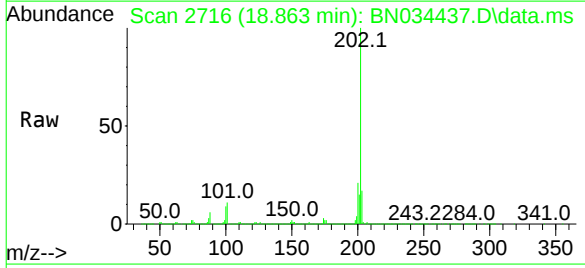
Tgt Ion:	167	Resp:	77662
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.4	26.0
139	13.2	10.5	15.7





#80
Fluoranthene
Concen: 31.911 ng/u1
RT: 18.863 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BN034437.D
Acq: 07 Oct 2024 14:19

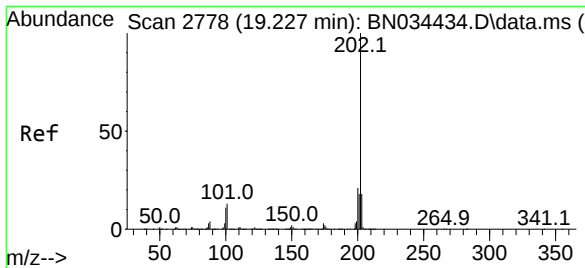
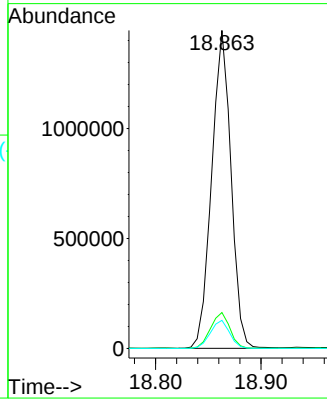
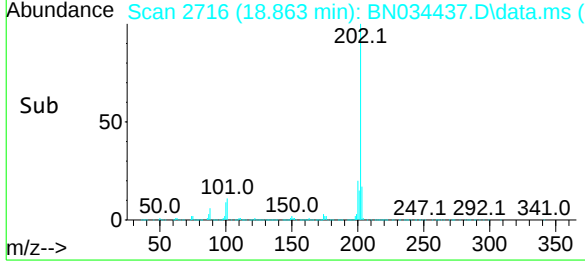
Instrument :
BNA_N
ClientSampleId :
A4EH6



Tgt Ion:202 Resp: 1840587
Ion Ratio Lower Upper
202 100
101 11.3 9.6 14.4
100 8.8 7.7 11.5

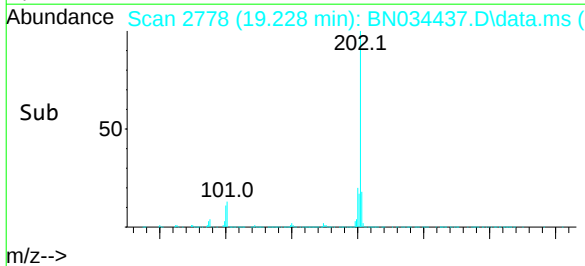
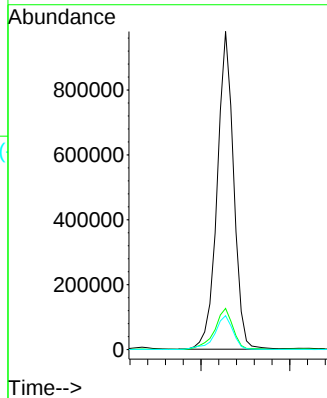
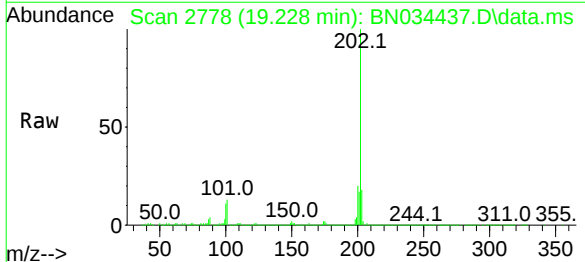
Manual Integrations
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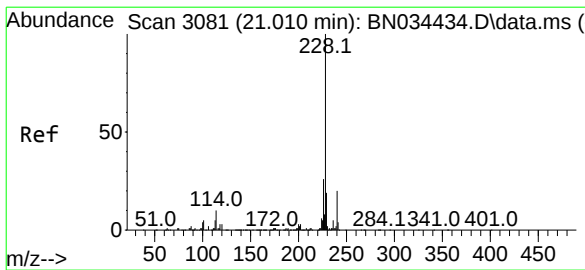
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



#82
Pyrene
Concen: 20.379 ng/u1
RT: 19.228 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BN034437.D
Acq: 07 Oct 2024 14:19

Tgt Ion:202 Resp: 1263639
Ion Ratio Lower Upper
202 100
101 12.9 11.8 17.8
100 10.7 10.0 15.0





#85

Benzo(a)anthracene

Concen: 12.777 ng/ul

RT: 21.010 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BN034437.D

Acq: 07 Oct 2024 14:19

Instrument :

BNA_N

ClientSampleId :

A4EH6

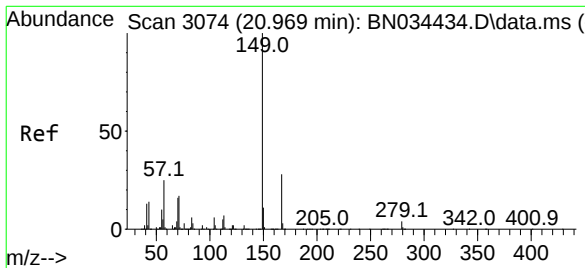
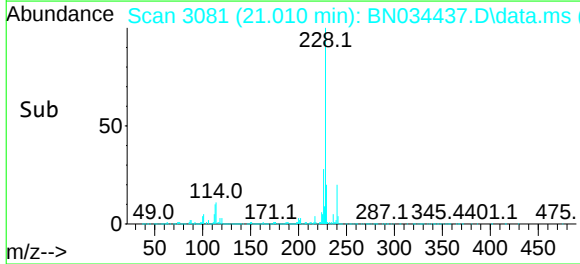
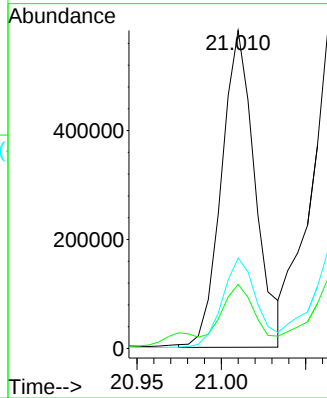
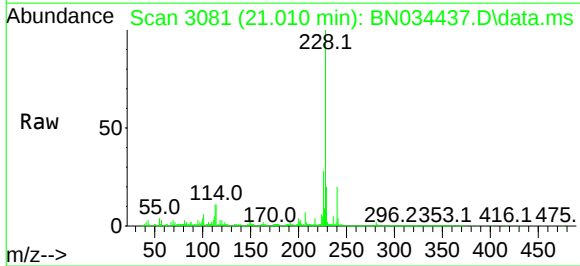
Tgt Ion:	228	Resp:	806670
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.0	22.6
226	28.4	20.2	30.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/09/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.268 ng/ul

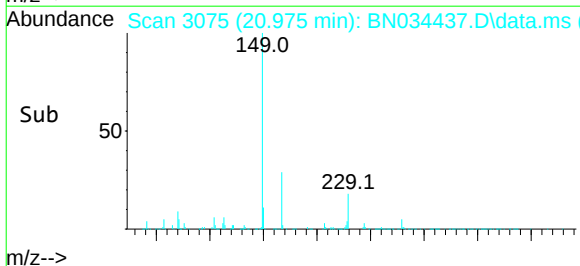
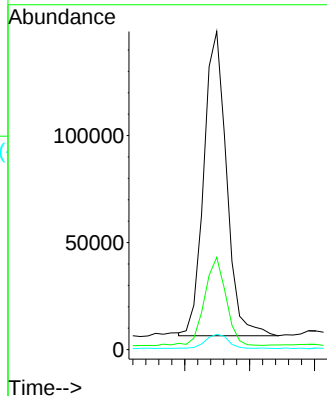
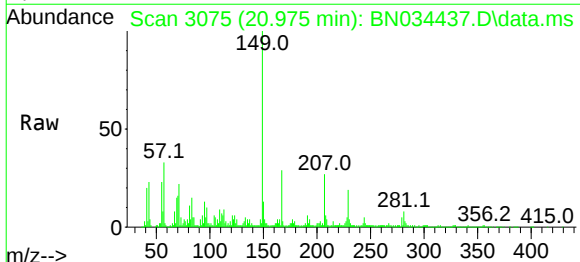
RT: 20.975 min Scan# 3075

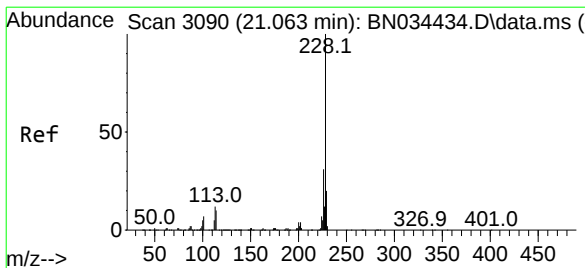
Delta R.T. -0.006 min

Lab File: BN034437.D

Acq: 07 Oct 2024 14:19

Tgt Ion:	149	Resp:	173715
Ion	Ratio	Lower	Upper
149	100		
167	29.0	20.6	31.0
279	4.8	3.0	4.6





#87

Chrysene

Concen: 15.807 ng/u1

RT: 21.069 min Scan# 30

Delta R.T. -0.006 min

Lab File: BN034437.D

Acq: 07 Oct 2024 14:19

Instrument :

BNA_N

ClientSampleId :

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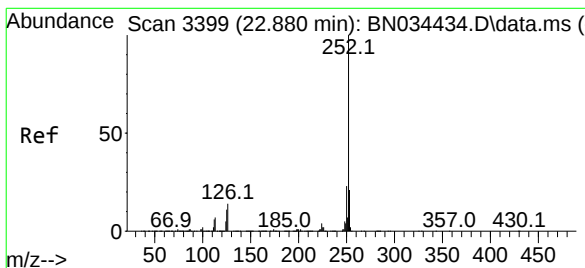
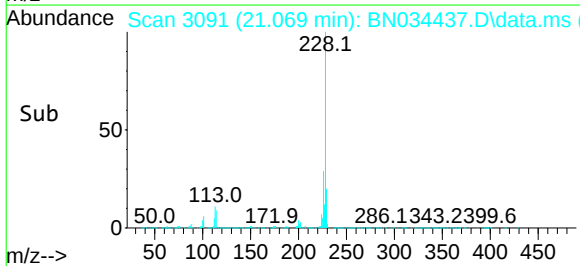
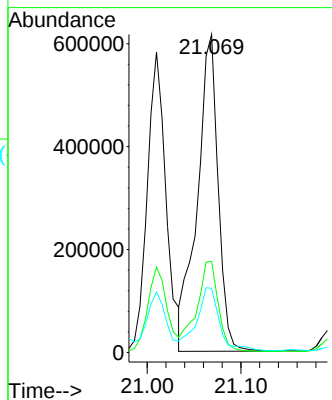
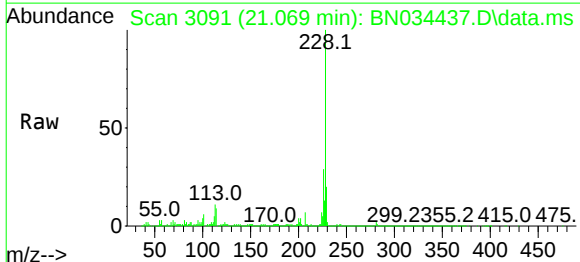
Tgt Ion:	228	Resp:	952233
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.5	33.7
229	20.2	15.8	23.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/09/2024



#90

Benzo(b)fluoranthene

Concen: 21.581 ng/u1

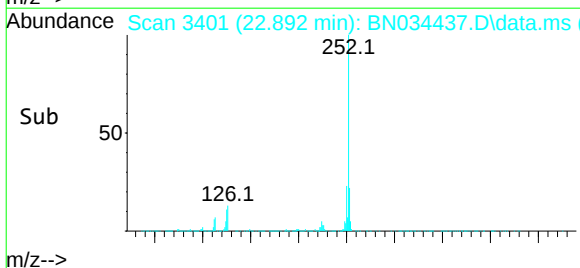
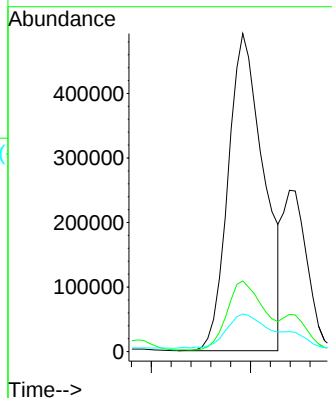
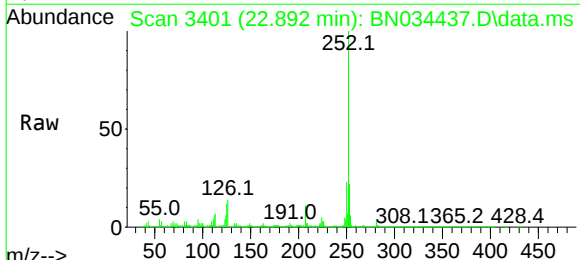
RT: 22.892 min Scan# 3401

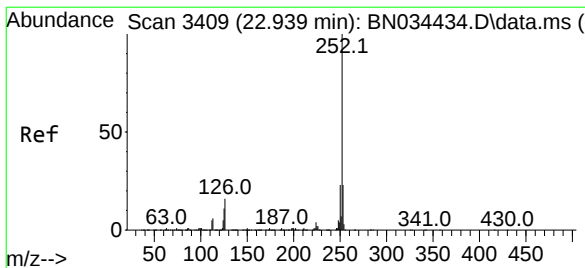
Delta R.T. 0.000 min

Lab File: BN034437.D

Acq: 07 Oct 2024 14:19

Tgt Ion:	252	Resp:	1226783
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	11.8	9.1	13.7





#91

Benzo(k)fluoranthene

Concen: 7.548 ng/u1

RT: 22.939 min Scan# 3409

Delta R.T. -0.006 min

Lab File: BN034437.D

Acq: 07 Oct 2024 14:19

Instrument :

BNA_N

ClientSampleId :

A4EH6

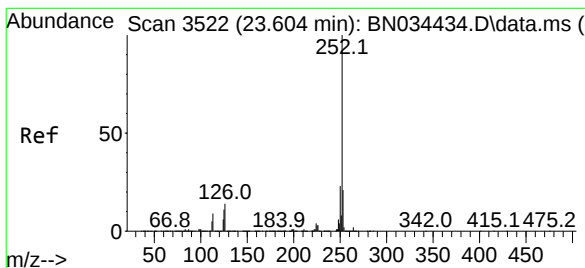
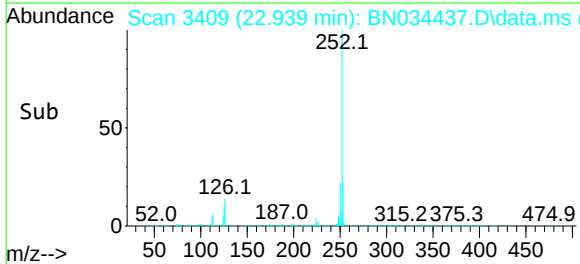
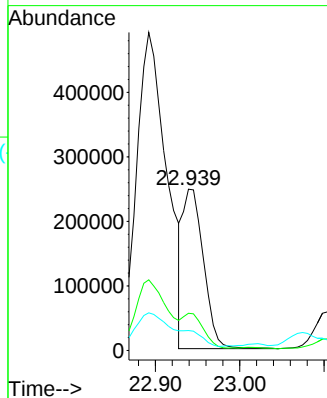
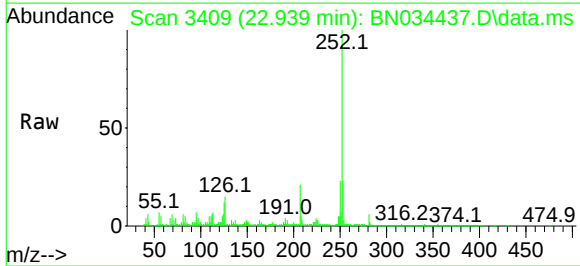
Tgt Ion:	252	Resp:	423257
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	12.4	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/09/2024



#93

Benzo(a)pyrene

Concen: 6.741 ng/u1

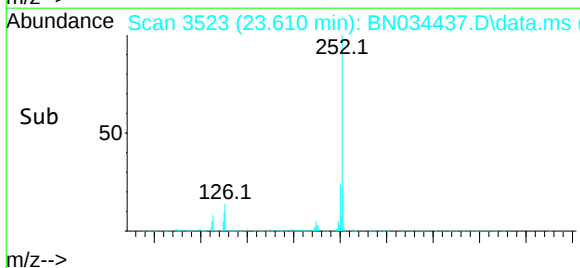
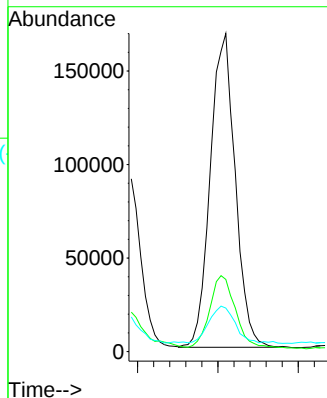
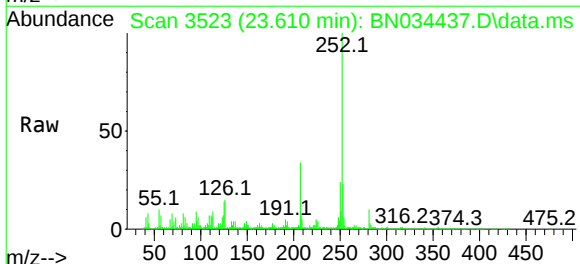
RT: 23.610 min Scan# 3523

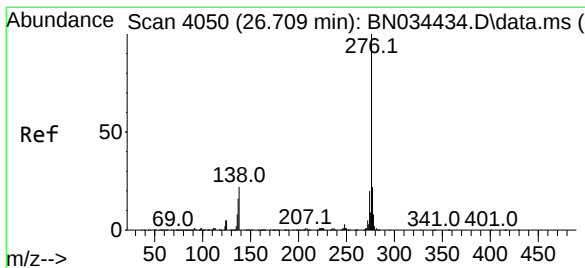
Delta R.T. -0.006 min

Lab File: BN034437.D

Acq: 07 Oct 2024 14:19

Tgt Ion:	252	Resp:	362022
Ion Ratio	Lower	Upper	
252	100		
253	22.7	15.8	23.8
125	13.7	9.0	13.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.757 ng/ul

RT: 26.721 min Scan# 4052

Delta R.T. -0.018 min

Lab File: BN034437.D

Acq: 07 Oct 2024 14:19

Instrument :

BNA_N

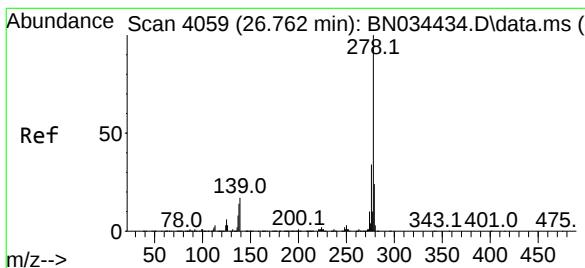
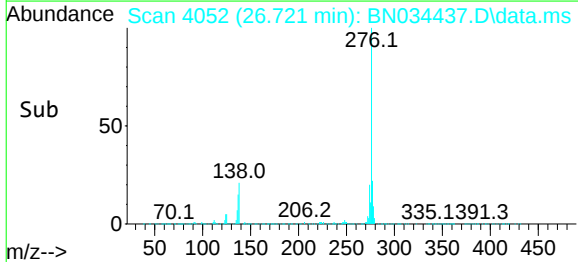
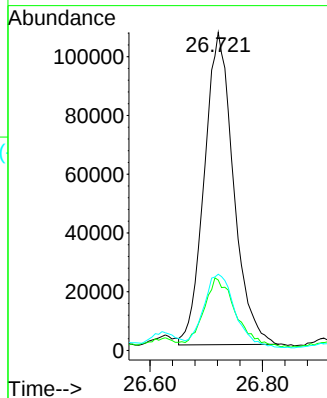
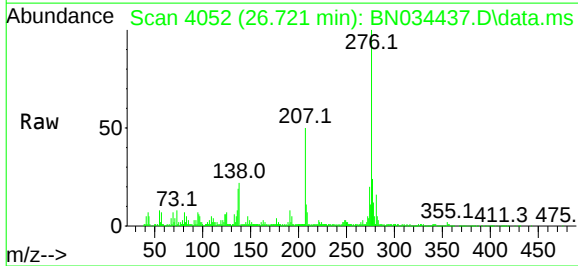
ClientSampleId :

A4EH6

Tgt Ion:	276	Resp:	383029
Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.7	26.5
277	24.0	18.4	27.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.561 ng/ul

RT: 26.763 min Scan# 4059

Delta R.T. -0.029 min

Lab File: BN034437.D

Acq: 07 Oct 2024 14:19

Tgt Ion:	278	Resp:	137718
Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.2	21.2
279	26.7	18.1	27.1

