

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034436.D
 Acq On : 07 Oct 2024 13:40
 Operator : RC/JU
 Sample : P4109-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EH3

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 14:13:23 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	248397	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.128	136	950316	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.028	164	556438	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.786	188	1070221	20.000	ng/ul	-0.01
79) Chrysene-d12	21.021	240	975502	20.000	ng/ul	-0.01
88) Perylene-d12	23.733	264	1261412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	13749	2.259	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.575	99	213007	9.662	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	142230	10.399	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	200200	11.537	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	132023	7.278	ng/ul	-0.01
21) Nitrobenzene-d5	8.516	128	90796	11.987	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.234	143	93362	11.986	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.763	165	172800	11.780	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.287	131	62796	2.828	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	538021	12.938	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	592166	12.658	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	46427	5.440	ng/ul	0.00
60) Fluorene-d10	15.034	176	463535	13.153	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	52466	8.222	ng/ul	0.00
73) Anthracene-d10	16.886	188	667962	13.275	ng/ul	-0.01
81) Pyrene-d10	19.198	212	620290	11.412	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	498064	7.687	ng/ul	-0.01
Target Compounds						
16) Acetophenone	8.193	105	66031	2.298	ng/ul	98
72) Phenanthrene	16.828	178	630519	10.685	ng/ul	99
74) Anthracene	16.922	178	121811	2.021	ng/ul	99
77) Carbazole	17.198	167	58330	1.052	ng/ul	97
80) Fluoranthene	18.863	202	1400319	22.038	ng/ul	98
82) Pyrene	19.227	202	918167	13.441	ng/ul	96
85) Benzo(a)anthracene	21.010	228	639348m	9.192	ng/ul	
86) Bis(2-ethylhexyl)phtha...	20.974	149	364360	8.126	ng/ul	97
87) Chrysene	21.063	228	743971	11.211	ng/ul	98
90) Benzo(b)fluoranthene	22.886	252	1090667	14.182	ng/ul	98
91) Benzo(k)fluoranthene	22.939	252	366612m	4.832	ng/ul	
93) Benzo(a)pyrene	23.604	252	326859	4.499	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	26.715	276	359460	3.993	ng/ul	97
95) Dibenzo(a,h)anthracene	26.768	278	131920	1.813	ng/ul#	92

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

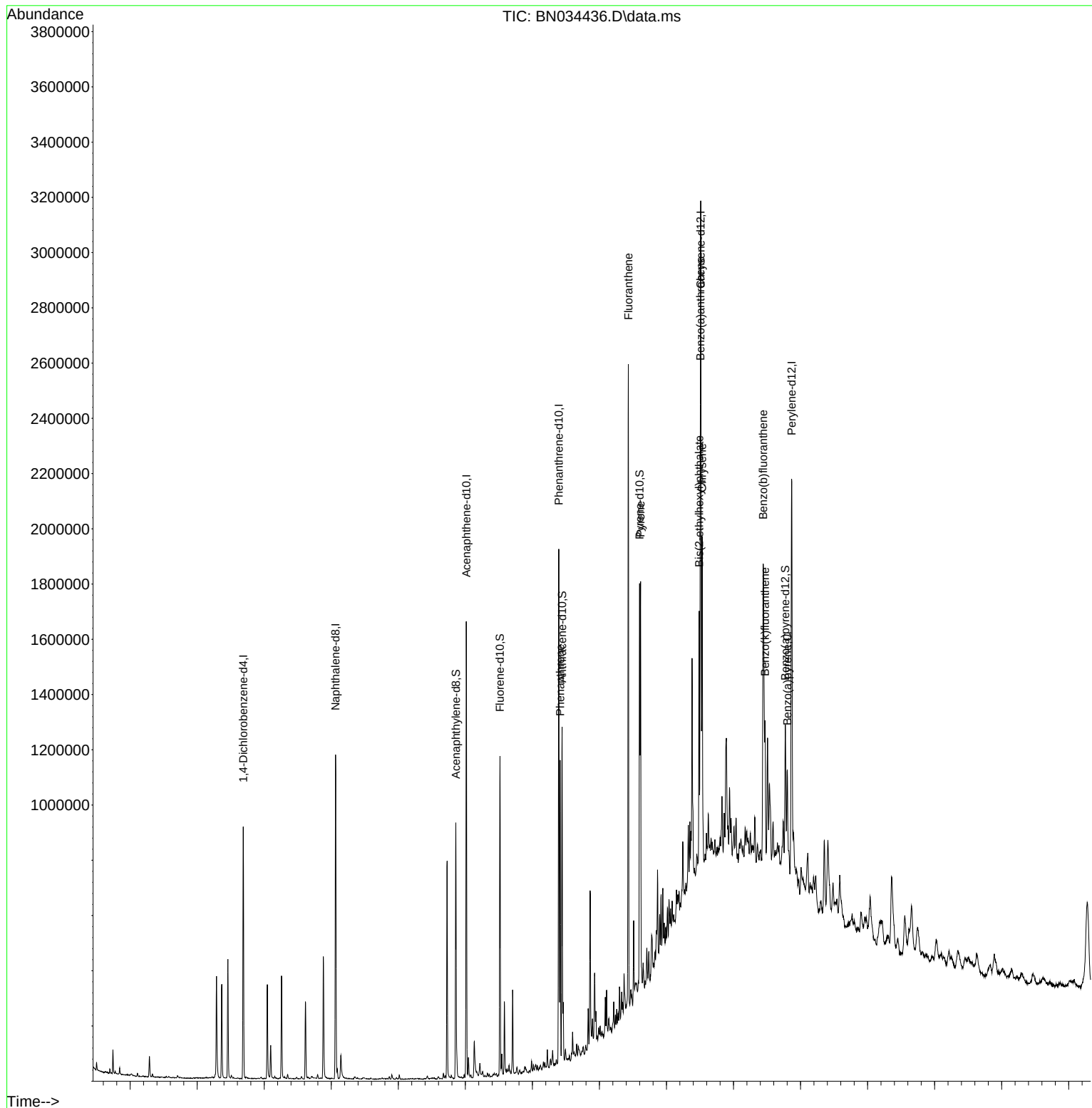
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034436.D
Acq On : 07 Oct 2024 13:40
Operator : RC/JU
Sample : P4109-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

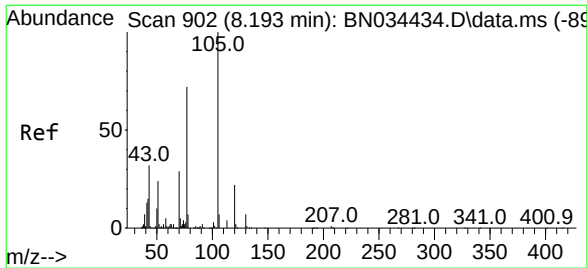
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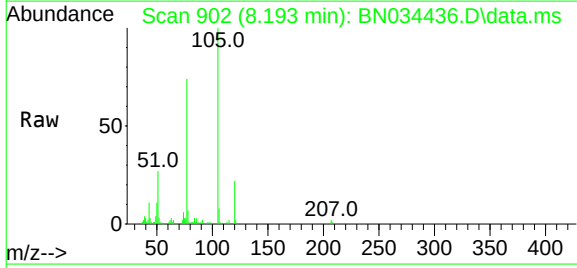
Quant Time: Oct 07 14:13:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.298 ng/u1
RT: 8.193 min Scan# 902
Delta R.T. -0.012 min
Lab File: BN034436.D
Acq: 07 Oct 2024 13:40

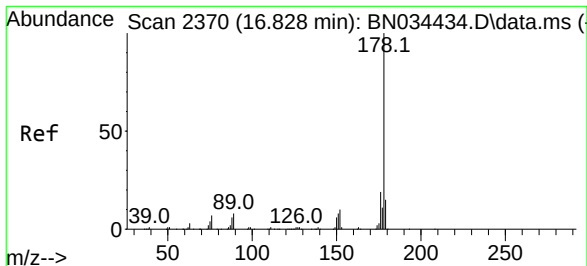
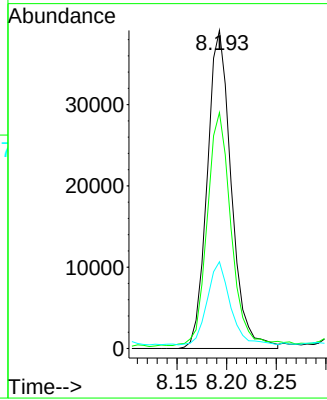
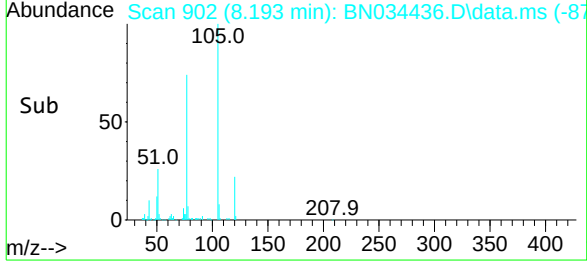
Instrument :
BNA_N
ClientSampleId :
A4EH3



Tgt Ion:	105	Resp:	66031
Ion Ratio	Lower	Upper	
105	100		
77	74.2	61.1	91.7
51	27.3	22.6	33.8

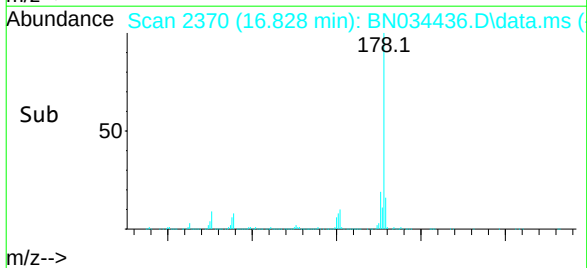
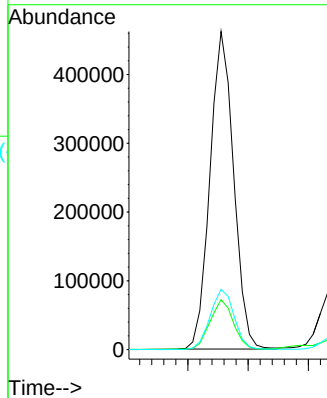
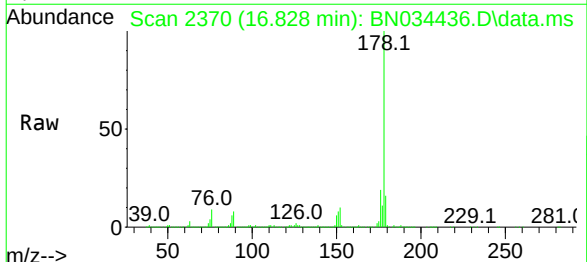
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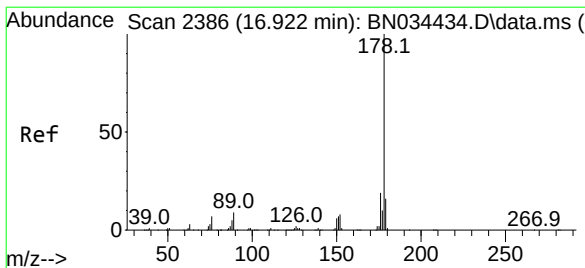
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



#72
Phenanthrene
Concen: 10.685 ng/u1
RT: 16.828 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BN034436.D
Acq: 07 Oct 2024 13:40

Tgt Ion:	178	Resp:	630519
Ion Ratio	Lower	Upper	
178	100		
179	15.7	11.9	17.9
176	18.9	15.2	22.8





#74

Anthracene

Concen: 2.021 ng/u1

RT: 16.922 min Scan# 2386

Delta R.T. -0.012 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Instrument :

BNA_N

ClientSampleId :

A4EH3

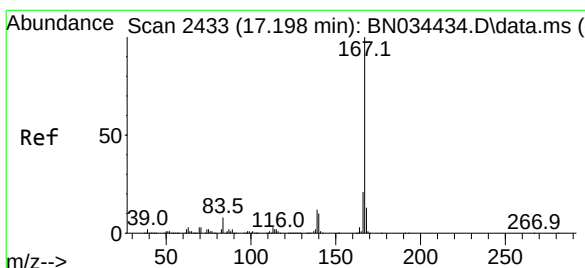
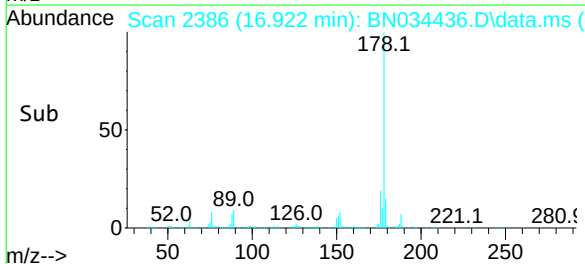
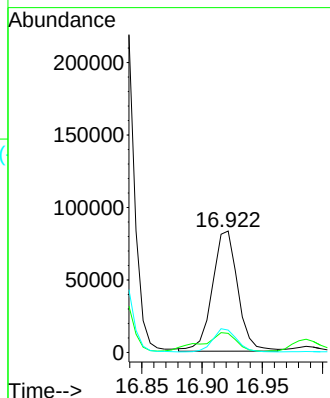
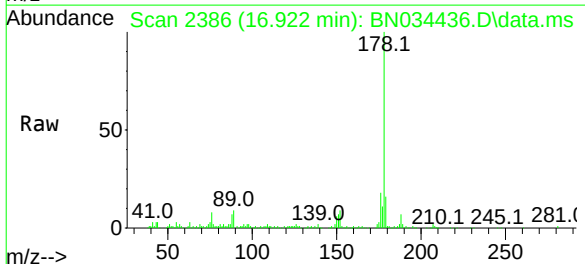
Tgt Ion:	178	Resp:	121811
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.2
176	18.4	15.0	22.6

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#77

Carbazole

Concen: 1.052 ng/u1

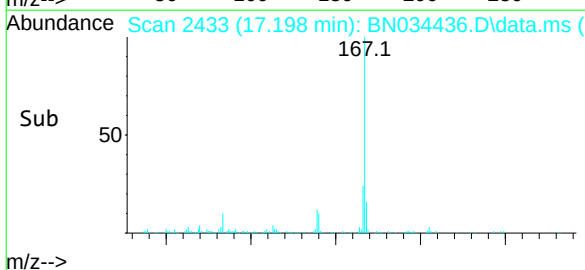
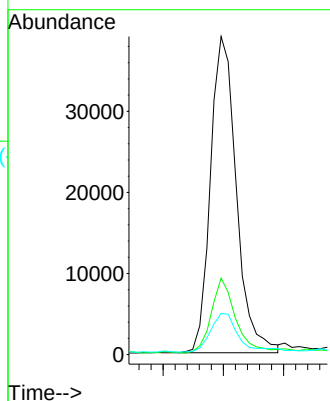
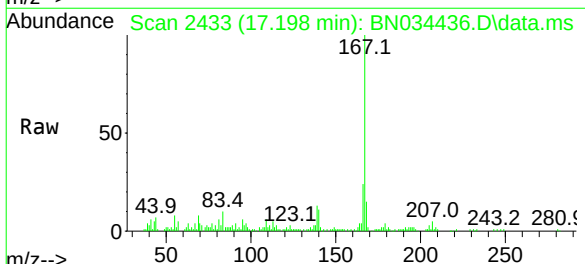
RT: 17.198 min Scan# 2433

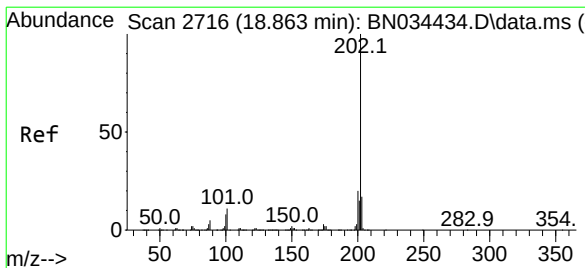
Delta R.T. -0.012 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

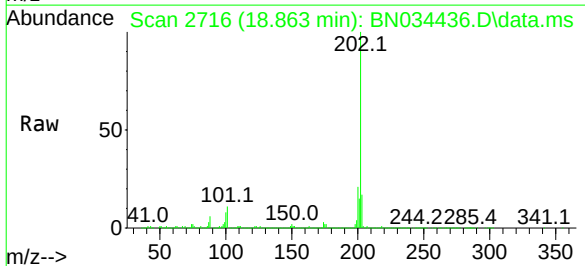
Tgt Ion:	167	Resp:	58330
Ion Ratio	Lower	Upper	
167	100		
166	24.1	17.4	26.0
139	12.9	10.5	15.7





#80
Fluoranthene
Concen: 22.038 ng/u1
RT: 18.863 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BN034436.D
Acq: 07 Oct 2024 13:40

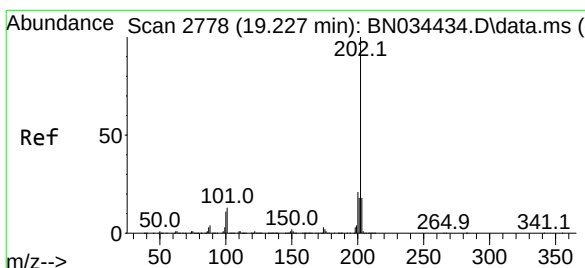
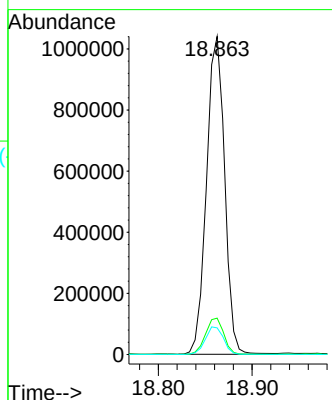
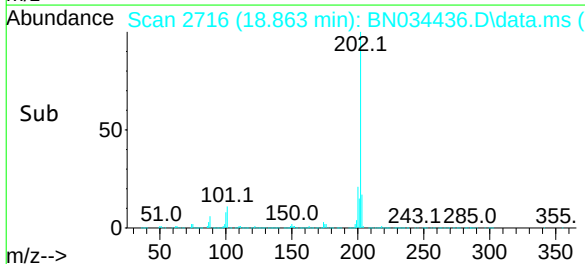
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 1400319
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 8.4 7.7 11.5

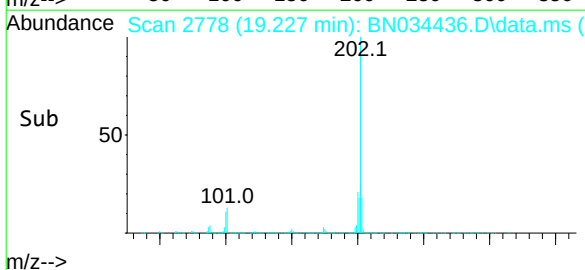
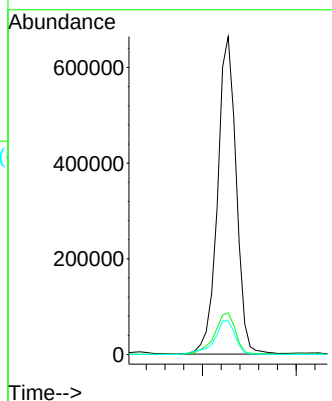
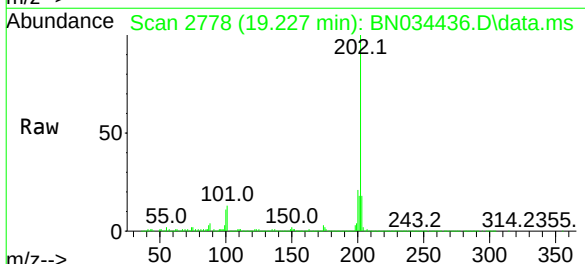
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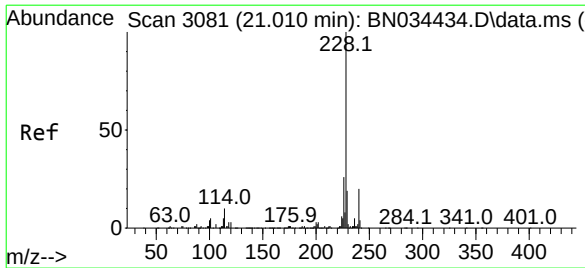
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



#82
Pyrene
Concen: 13.441 ng/u1
RT: 19.227 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BN034436.D
Acq: 07 Oct 2024 13:40

Tgt Ion:202 Resp: 918167
Ion Ratio Lower Upper
202 100
101 13.1 11.8 17.8
100 10.6 10.0 15.0





#85

Benzo(a)anthracene

Concen: 9.192 ng/ul m

RT: 21.010 min Scan# 30

Delta R.T. -0.006 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Instrument :

BNA_N

ClientSampleId :

A4EH3

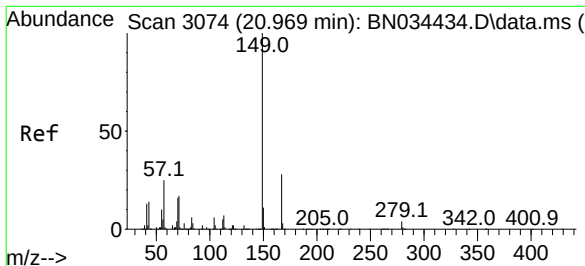
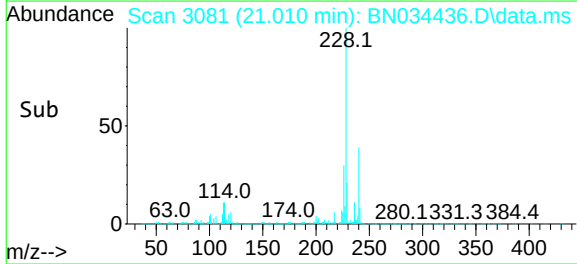
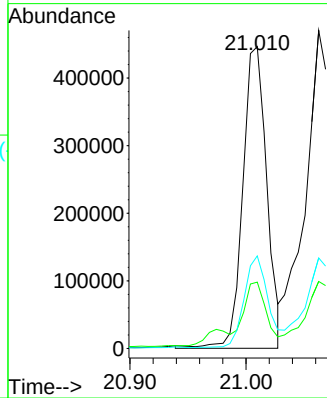
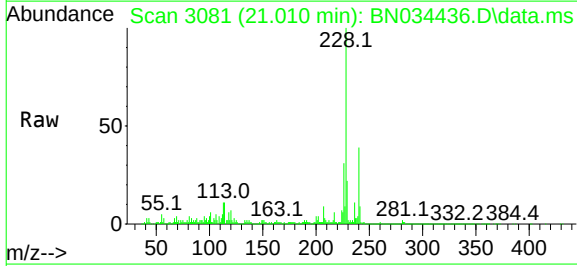
Tgt Ion:	228	Resp:	639348
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.0	22.6
226	30.7	20.2	30.4#

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 8.126 ng/ul

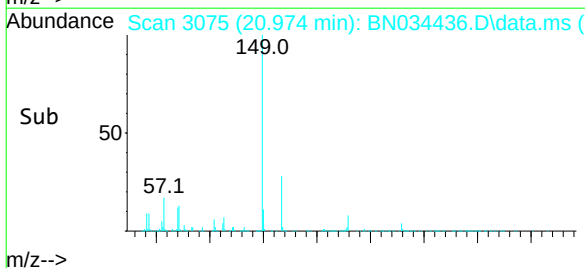
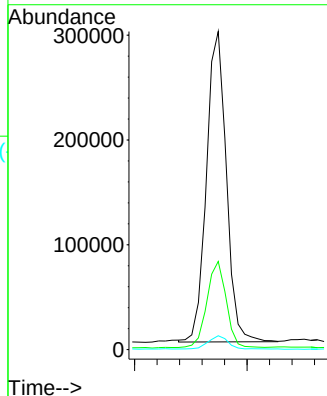
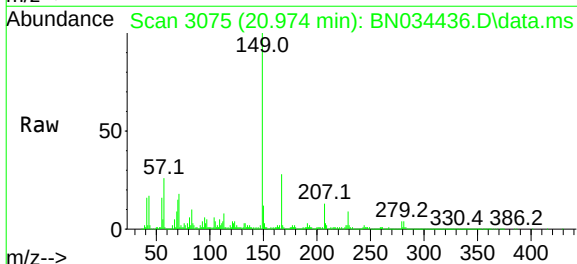
RT: 20.974 min Scan# 3075

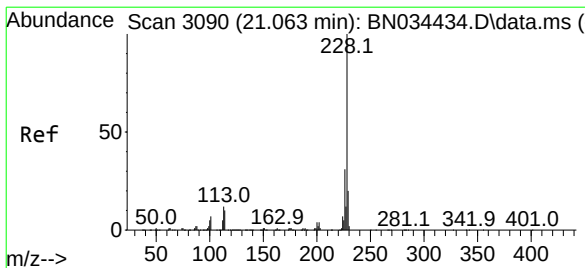
Delta R.T. -0.006 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Tgt Ion:	149	Resp:	364360
Ion Ratio	Lower	Upper	
149	100		
167	27.7	20.6	31.0
279	4.4	3.0	4.6





#87

Chrysene

Concen: 11.211 ng/u1

RT: 21.063 min Scan# 30

Delta R.T. -0.012 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Instrument :

BNA_N

ClientSampleId :

A4EH3

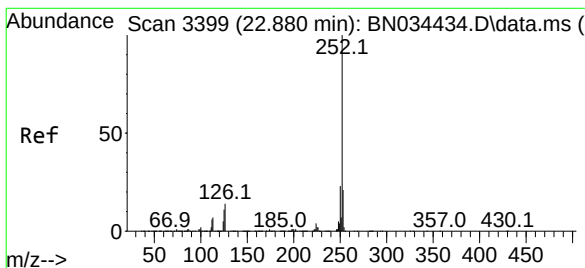
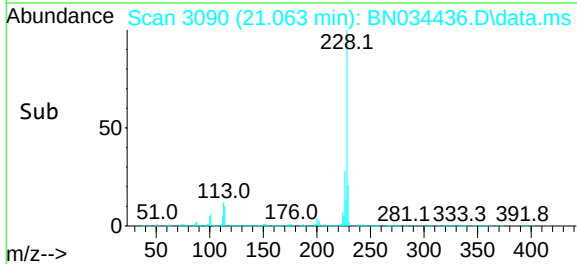
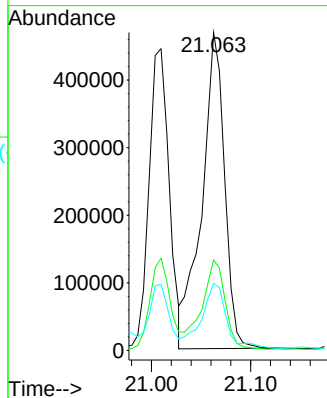
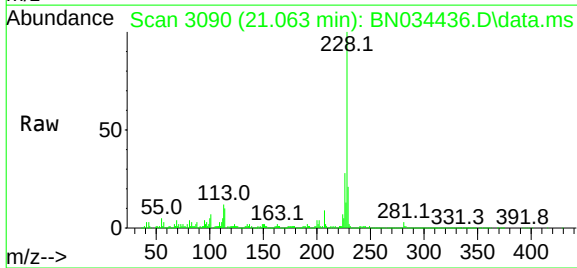
Tgt Ion:	228	Resp:	743971
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.5	33.7
229	21.1	15.8	23.6

Manual Integrations

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Supervised By :mohammad ahmed 10/09/2024



#90

Benzo(b)fluoranthene

Concen: 14.182 ng/u1

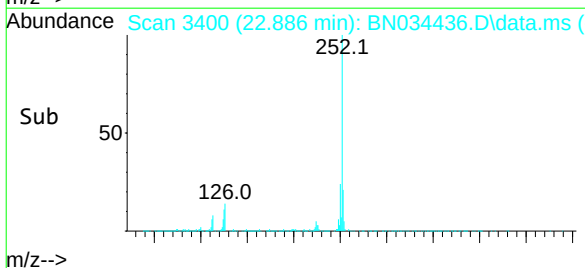
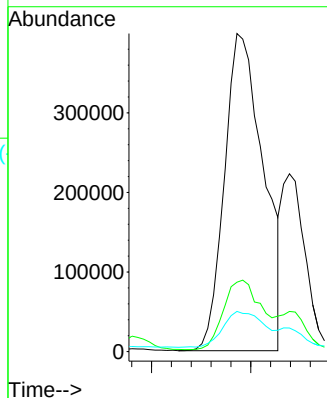
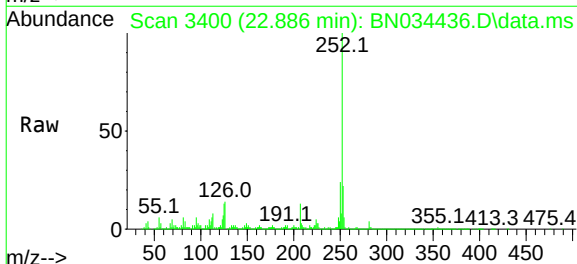
RT: 22.886 min Scan# 3400

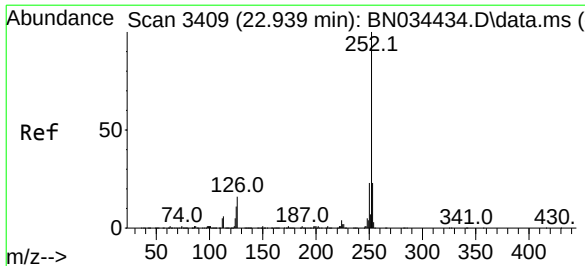
Delta R.T. -0.006 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Tgt Ion:	252	Resp:	1090667
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	12.6	9.1	13.7





#91

Benzo(k)fluoranthene

Concen: 4.832 ng/u1 m

RT: 22.939 min Scan# 34

Delta R.T. -0.006 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Instrument :

BNA_N

ClientSampleId :

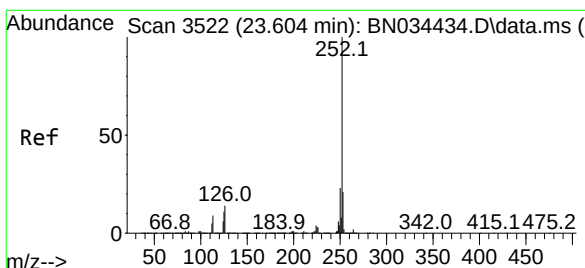
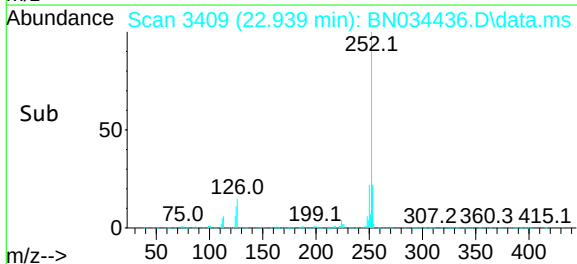
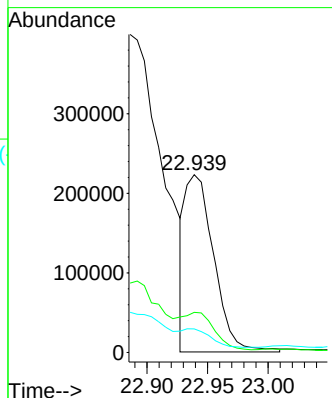
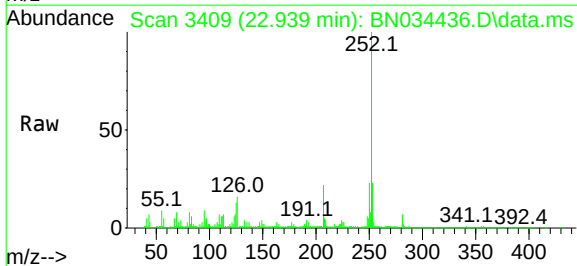
A4EH3

Tgt Ion:	252	Resp:	366612
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	13.3	8.8	13.2

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Supervised By :mohammad ahmed 10/09/2024



#93

Benzo(a)pyrene

Concen: 4.499 ng/u1

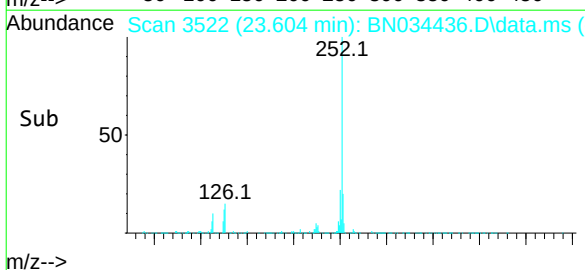
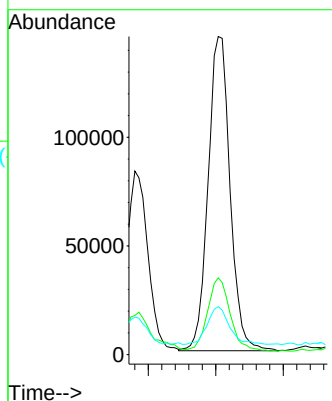
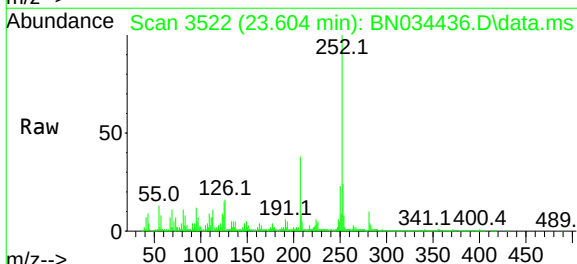
RT: 23.604 min Scan# 3522

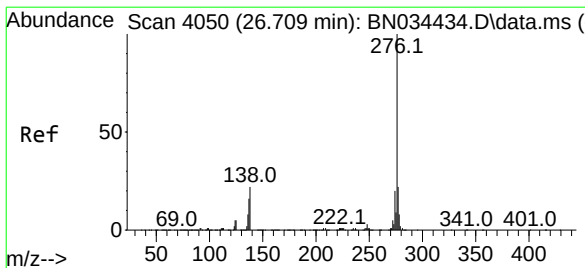
Delta R.T. -0.012 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Tgt Ion:	252	Resp:	326859
Ion Ratio	Lower	Upper	
252	100		
253	24.1	15.8	23.8
125	15.1	9.0	13.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.993 ng/ul

RT: 26.715 min Scan# 4051

Delta R.T. -0.024 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Instrument :

BNA_N

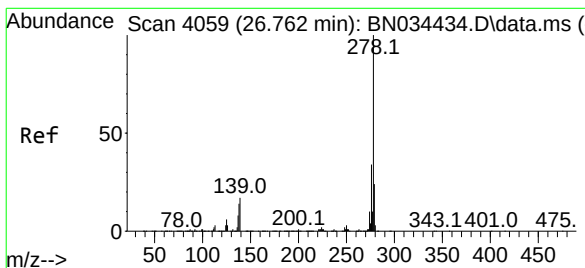
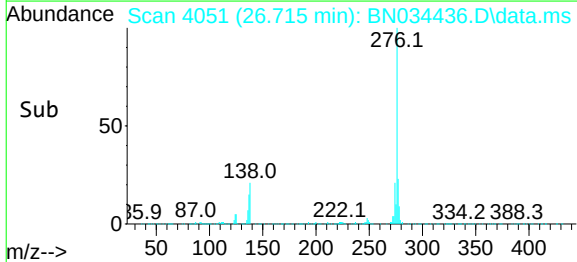
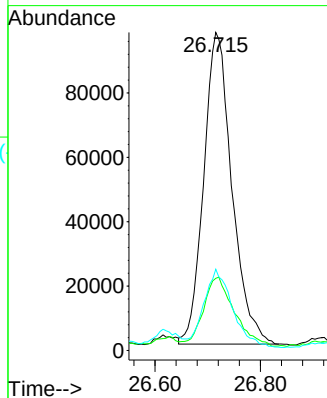
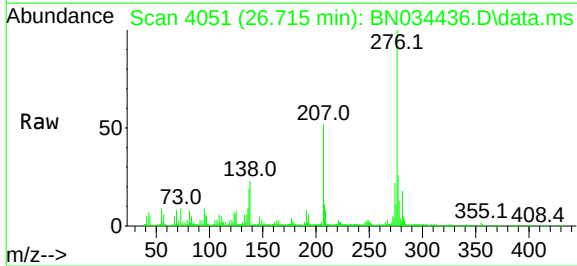
ClientSampleId :

A4EH3

Tgt Ion:	276	Resp:	359460
Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.7	26.5
277	25.6	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: 1.813 ng/ul

RT: 26.768 min Scan# 4060

Delta R.T. -0.024 min

Lab File: BN034436.D

Acq: 07 Oct 2024 13:40

Tgt Ion:	278	Resp:	131920
Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.2	21.2
279	28.0	18.1	27.1

