

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034454.D
 Acq On : 08 Oct 2024 01:28
 Operator : RC/JU
 Sample : P4131-23
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4ER5

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 02:49:04 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	260427	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.134	136	1033677	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.028	164	605545	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.792	188	1094582	20.000	ng/u1	0.00
79) Chrysene-d12	21.021	240	943820	20.000	ng/u1	-0.01
88) Perylene-d12	23.733	264	1173783	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	18077	2.832	ng/uL	0.00
4) Pyridine-d5	3.387	84	220309	11.614	ng/u1	0.00
7) Phenol-d5	6.581	99	321819	13.924	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	190465	13.282	ng/u1	0.00
11) 2-Chlorophenol-d4	6.916	132	292115	16.056	ng/u1	-0.01
15) 4-Methylphenol-d8	8.093	113	272459	14.326	ng/u1	-0.01
21) Nitrobenzene-d5	8.522	128	132204	16.046	ng/u1	0.00
24) 2-Nitrophenol-d4	9.234	143	150775	17.796	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	264997	16.608	ng/u1	0.00
31) 4-Chloroaniline-d4	10.281	131	320132	13.253	ng/u1	-0.01
46) Dimethylphthalate-d6	13.457	166	805399	17.797	ng/u1	-0.01
49) Acenaphthylene-d8	13.716	160	894765	17.575	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.275	143	71377	7.685	ng/u1	0.00
60) Fluorene-d10	15.034	176	659703	17.201	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.175	200	49422	7.573	ng/u1	0.00
73) Anthracene-d10	16.886	188	945421	18.372	ng/u1	-0.01
81) Pyrene-d10	19.198	212	1017800	19.355	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.551	264	1162541	19.281	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.833	178	274879	4.554	ng/u1	99
80) Fluoranthene	18.863	202	358914	5.838	ng/u1	99
82) Pyrene	19.227	202	340909	5.158	ng/u1	97
85) Benzo(a)anthracene	21.010	228	144151	2.142	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	20.969	149	44639	1.029	ng/u1	94
87) Chrysene	21.063	228	166967	2.600	ng/u1	98
90) Benzo(b)fluoranthene	22.892	252	199205m	2.784	ng/u1	
93) Benzo(a)pyrene	23.610	252	138278	2.045	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.715	276	90892	1.085	ng/u1	95
96) Benzo(g,h,i)perylene	27.645	276	89681	1.379	ng/u1	96

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

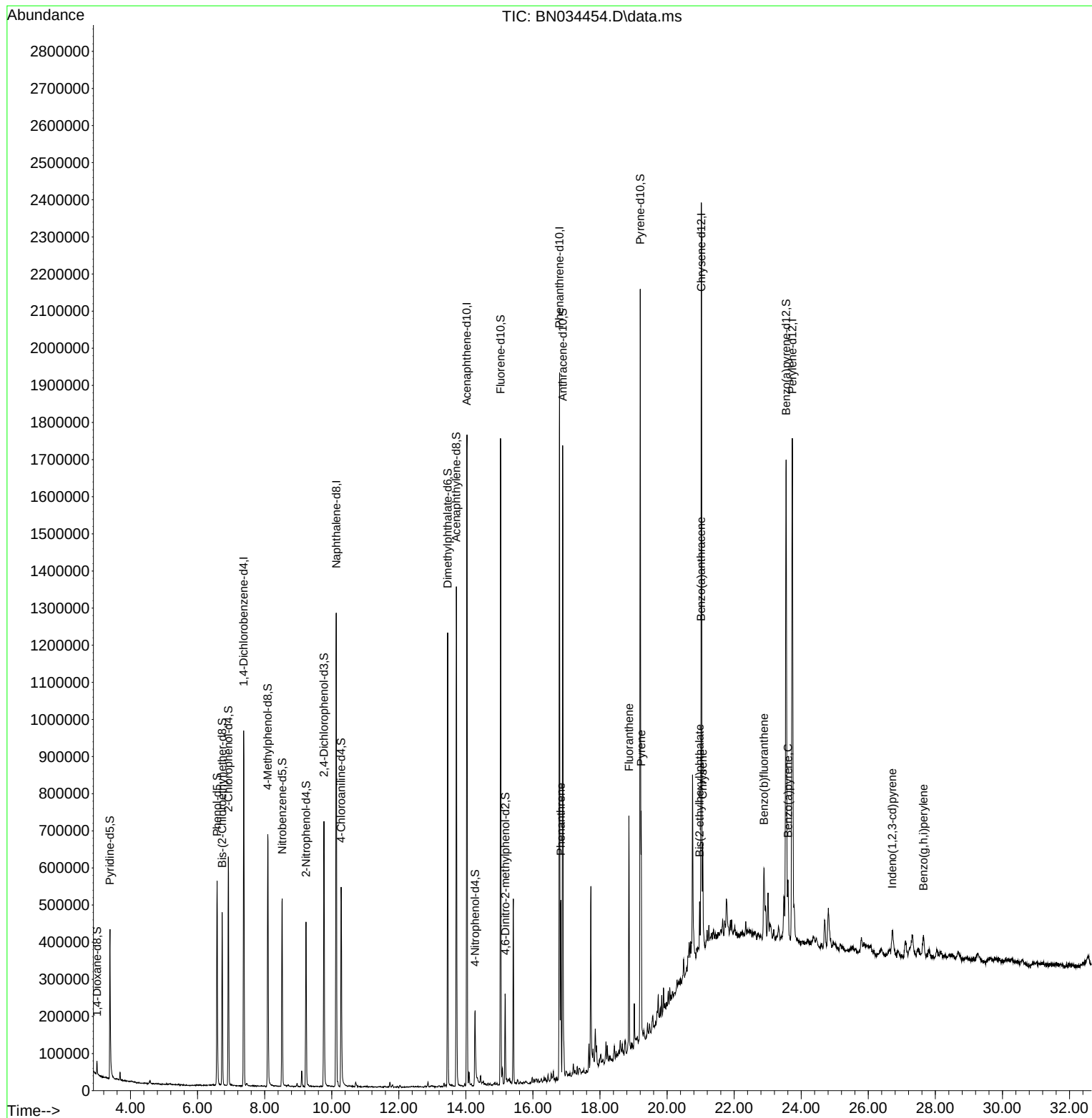
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
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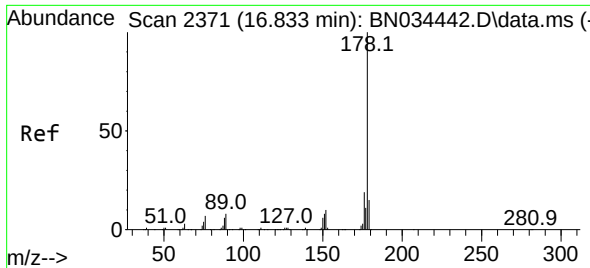
Instrument :
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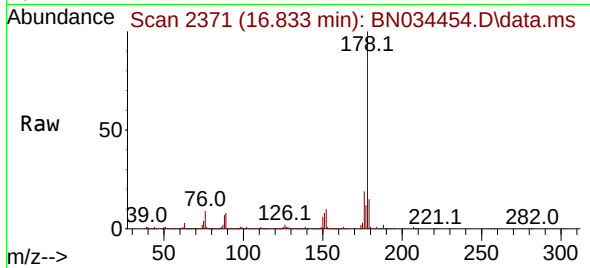
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024





#72
Phenanthrene
Concen: 4.554 ng/ul
RT: 16.833 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BN034454.D
Acq: 08 Oct 2024 01:28

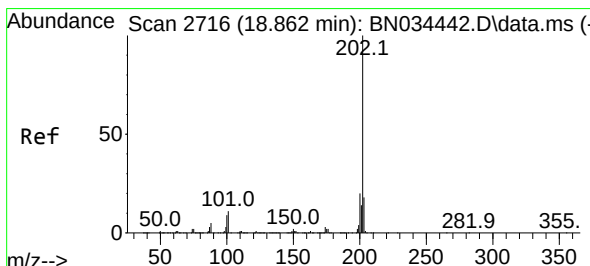
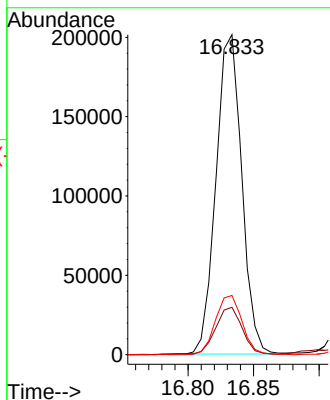
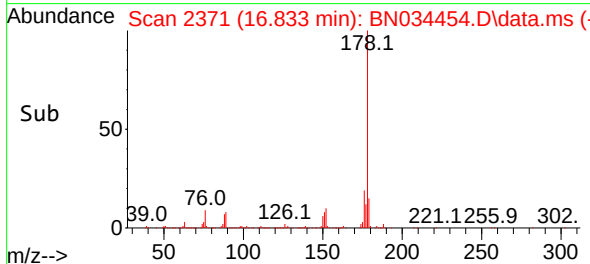
Instrument :
BNA_N
ClientSampleId :
A4ER5



Tgt Ion:178 Resp: 274879
Ion Ratio Lower Upper
178 100
179 14.8 11.9 17.9
176 18.5 15.2 22.8

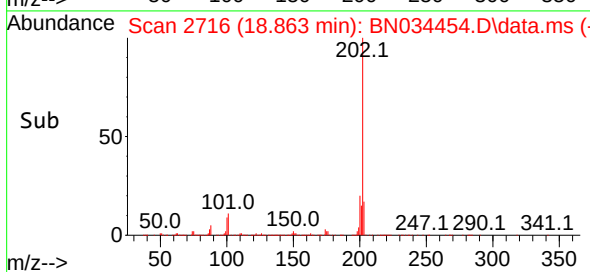
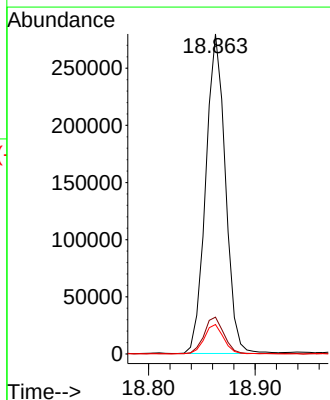
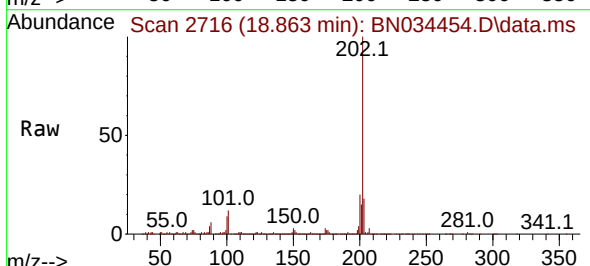
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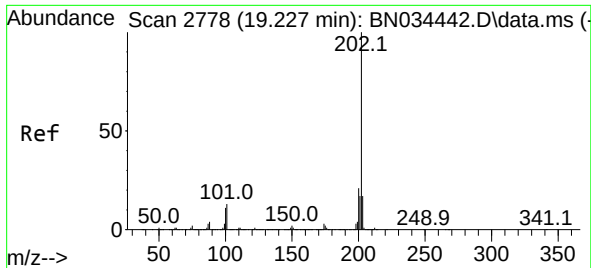
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#80
Fluoranthene
Concen: 5.838 ng/ul
RT: 18.863 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BN034454.D
Acq: 08 Oct 2024 01:28

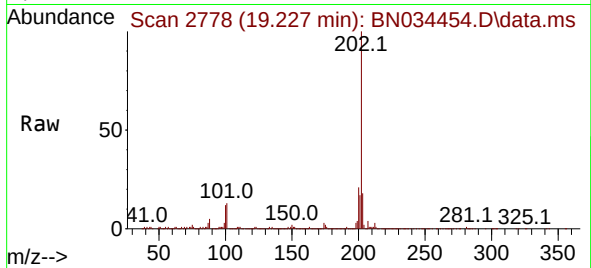
Tgt Ion:202 Resp: 358914
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
100 9.2 7.7 11.5





#82
Pyrene
Concen: 5.158 ng/ul
RT: 19.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN034454.D
Acq: 08 Oct 2024 01:28

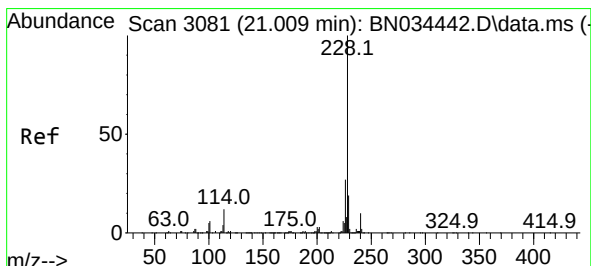
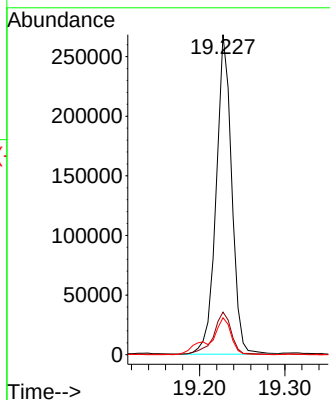
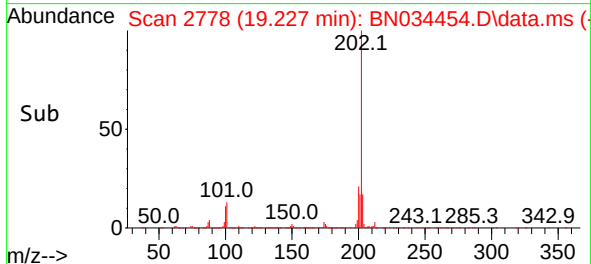
Instrument :
BNA_N
ClientSampleId :
A4ER5



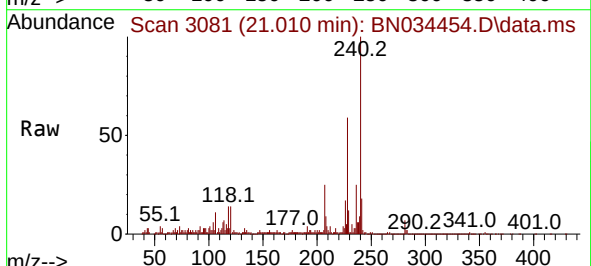
Tgt Ion:202 Resp: 340909
Ion Ratio Lower Upper
202 100
101 13.3 11.8 17.8
100 11.6 10.0 15.0

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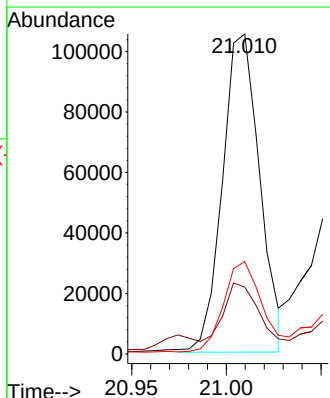
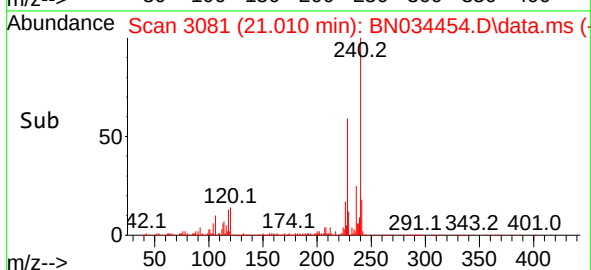
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

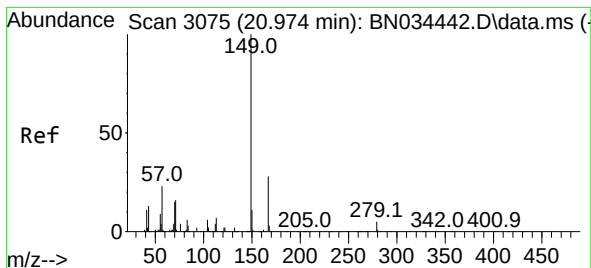


#85
Benzo(a)anthracene
Concen: 2.142 ng/ul
RT: 21.010 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BN034454.D
Acq: 08 Oct 2024 01:28



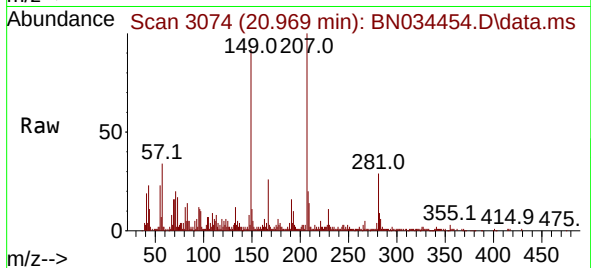
Tgt Ion:228 Resp: 144151
Ion Ratio Lower Upper
228 100
229 20.9 15.0 22.6
226 28.8 20.2 30.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.029 ng/ul
RT: 20.969 min Scan# 3075
Delta R.T. -0.012 min
Lab File: BN034454.D
Acq: 08 Oct 2024 01:28

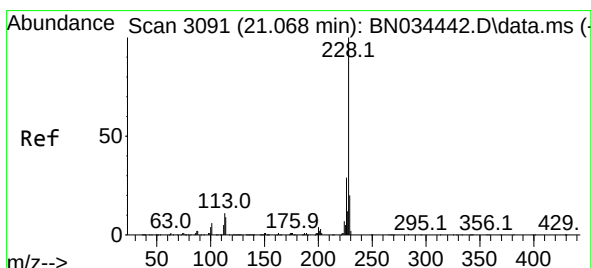
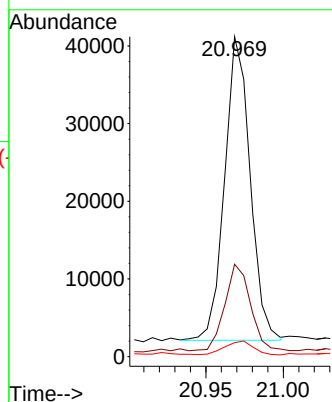
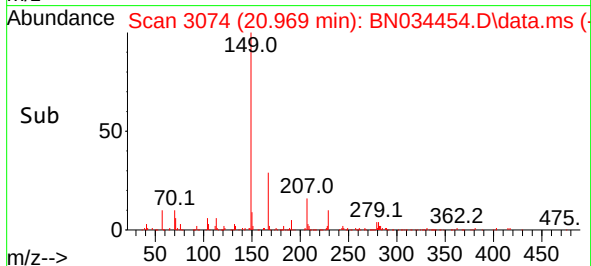
Instrument :
BNA_N
ClientSampleId :
A4ER5



Tgt Ion:149 Resp: 44639
Ion Ratio Lower Upper
149 100
167 28.9 20.6 31.0
279 4.4 3.0 4.6

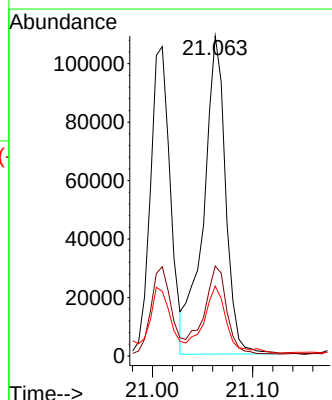
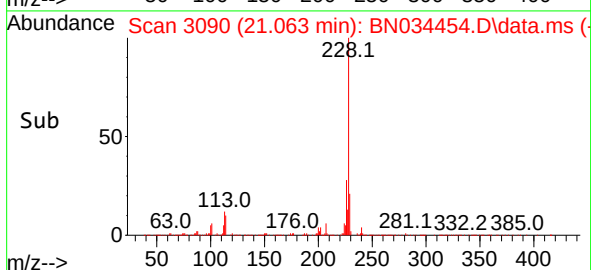
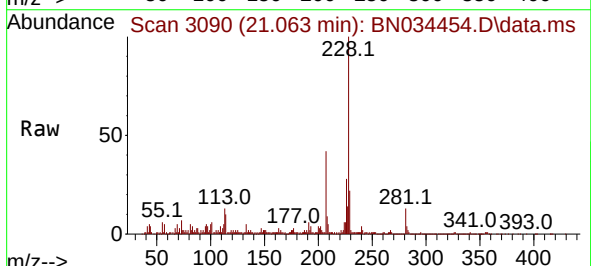
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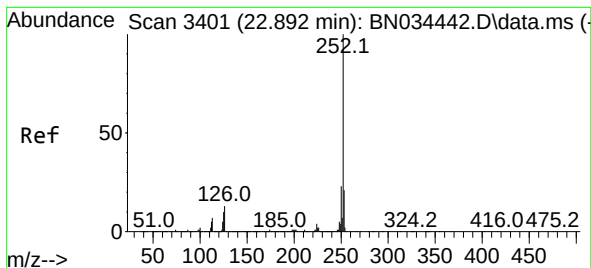
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#87
Chrysene
Concen: 2.600 ng/ul
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BN034454.D
Acq: 08 Oct 2024 01:28

Tgt Ion:228 Resp: 166967
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 21.8 15.8 23.6





#90

Benzo(b)fluoranthene

Concen: 2.784 ng/ul m

RT: 22.892 min Scan# 3401

Delta R.T. -0.000 min

Lab File: BN034454.D

Acq: 08 Oct 2024 01:28

Instrument :

BNA_N

ClientSampleId :

A4ER5

Tgt Ion:252 Resp: 19920

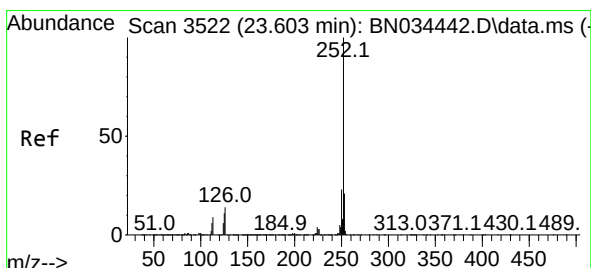
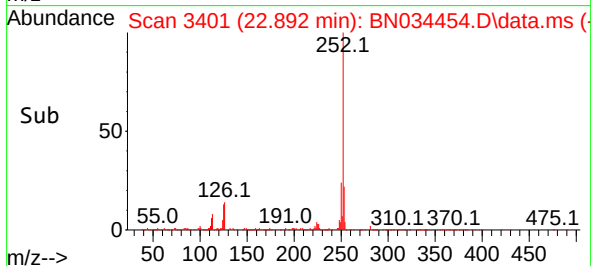
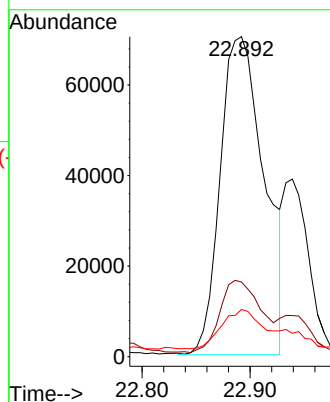
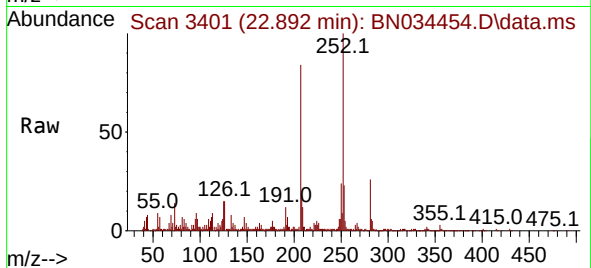
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	14.7	9.1	13.7

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.045 ng/ul

RT: 23.610 min Scan# 3523

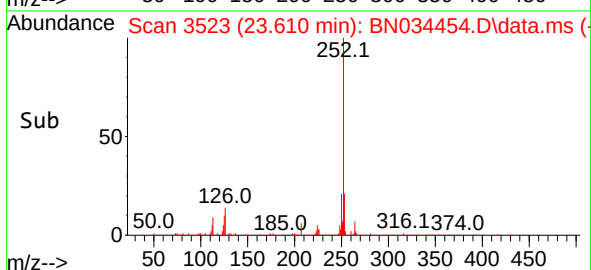
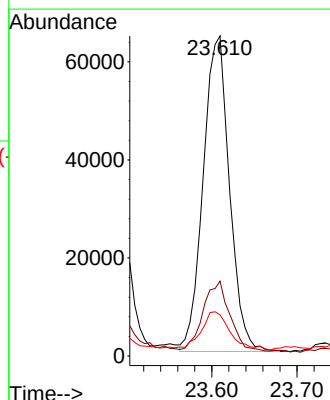
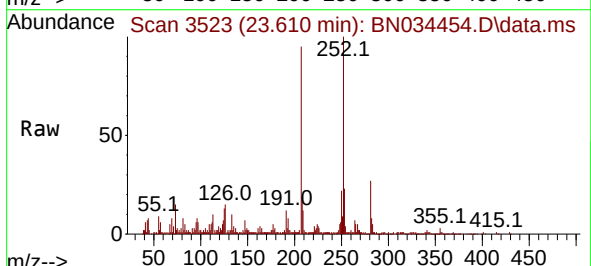
Delta R.T. -0.006 min

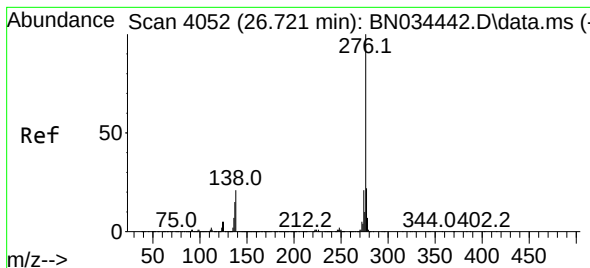
Lab File: BN034454.D

Acq: 08 Oct 2024 01:28

Tgt Ion:252 Resp: 138278

Ion	Ratio	Lower	Upper
252	100		
253	23.4	15.8	23.8
125	12.9	9.0	13.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.085 ng/ul

RT: 26.715 min Scan# 4051

Delta R.T. -0.024 min

Lab File: BN034454.D

Acq: 08 Oct 2024 01:28

Instrument :

BNA_N

ClientSampleId :

A4ER5

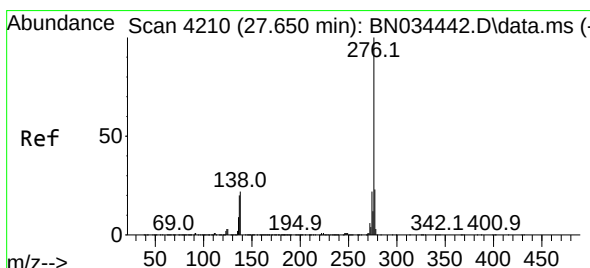
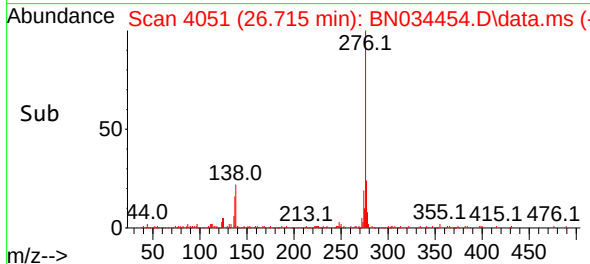
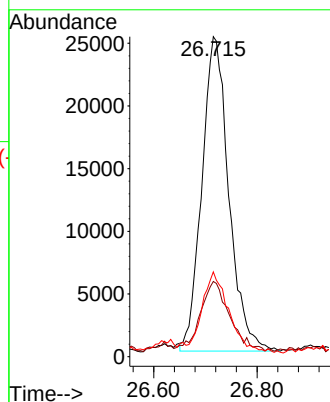
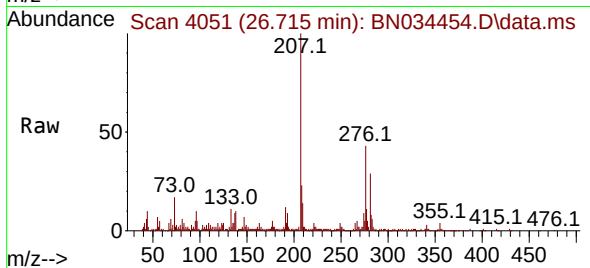
Tgt Ion:	276	Resp:	9089
Ion Ratio	Lower	Upper	
276	100		
138	23.5	17.7	26.5
277	26.5	18.4	27.6

Manual Integrations

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Supervised By :mohammad ahmed 10/09/2024



#96

Benzo(g,h,i)perylene

Concen: 1.379 ng/ul

RT: 27.645 min Scan# 4209

Delta R.T. -0.018 min

Lab File: BN034454.D

Acq: 08 Oct 2024 01:28

Tgt Ion:	276	Resp:	89681
Ion Ratio	Lower	Upper	
276	100		
138	23.4	19.0	28.4
277	26.5	18.0	27.0

