

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034453.D
 Acq On : 08 Oct 2024 00:49
 Operator : RC/JU
 Sample : P4131-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4ER4

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 02:47:18 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	253927	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.134	136	984597	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.034	164	562895	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.792	188	1047928	20.000	ng/u1	0.00
79) Chrysene-d12	21.021	240	947269	20.000	ng/u1	-0.01
88) Perylene-d12	23.733	264	1183039	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	8600	1.382	ng/uL	0.00
4) Pyridine-d5	3.405	84	9761m	0.528	ng/u1	0.02
7) Phenol-d5	6.581	99	134745	5.979	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	93785	6.707	ng/u1	0.00
11) 2-Chlorophenol-d4	6.916	132	134730	7.595	ng/u1	-0.01
15) 4-Methylphenol-d8	8.093	113	88686	4.783	ng/u1	-0.01
21) Nitrobenzene-d5	8.522	128	61862	7.883	ng/u1	0.00
24) 2-Nitrophenol-d4	9.234	143	63634	7.885	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	113903	7.495	ng/u1	0.00
31) 4-Chloroaniline-d4	10.287	131	70288	3.055	ng/u1	0.00
46) Dimethylphthalate-d6	13.457	166	360996	8.581	ng/u1	-0.01
49) Acenaphthylene-d8	13.716	160	401105	8.476	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.281	143	24771m	2.869	ng/u1	0.00
60) Fluorene-d10	15.034	176	309385	8.678	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.175	200	19071	3.052	ng/u1	0.00
73) Anthracene-d10	16.886	188	427175	8.670	ng/u1	-0.01
81) Pyrene-d10	19.198	212	401546	7.608	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.545	264	307892	5.067	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	16.833	178	319730	5.533	ng/u1	99
74) Anthracene	16.922	178	63053	1.069	ng/u1	97
80) Fluoranthene	18.863	202	773812	12.541	ng/u1	98
82) Pyrene	19.227	202	449376	6.775	ng/u1	98
85) Benzo(a)anthracene	21.010	228	324541	4.805	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	20.968	149	103757	2.383	ng/u1#	94
87) Chrysene	21.063	228	383824	5.956	ng/u1	97
90) Benzo(b)fluoranthene	22.886	252	535389	7.423	ng/u1	97
91) Benzo(k)fluoranthene	22.939	252	205254m	2.885	ng/u1	
93) Benzo(a)pyrene	23.604	252	150608	2.210	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.721	276	165014	1.955	ng/u1#	87

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

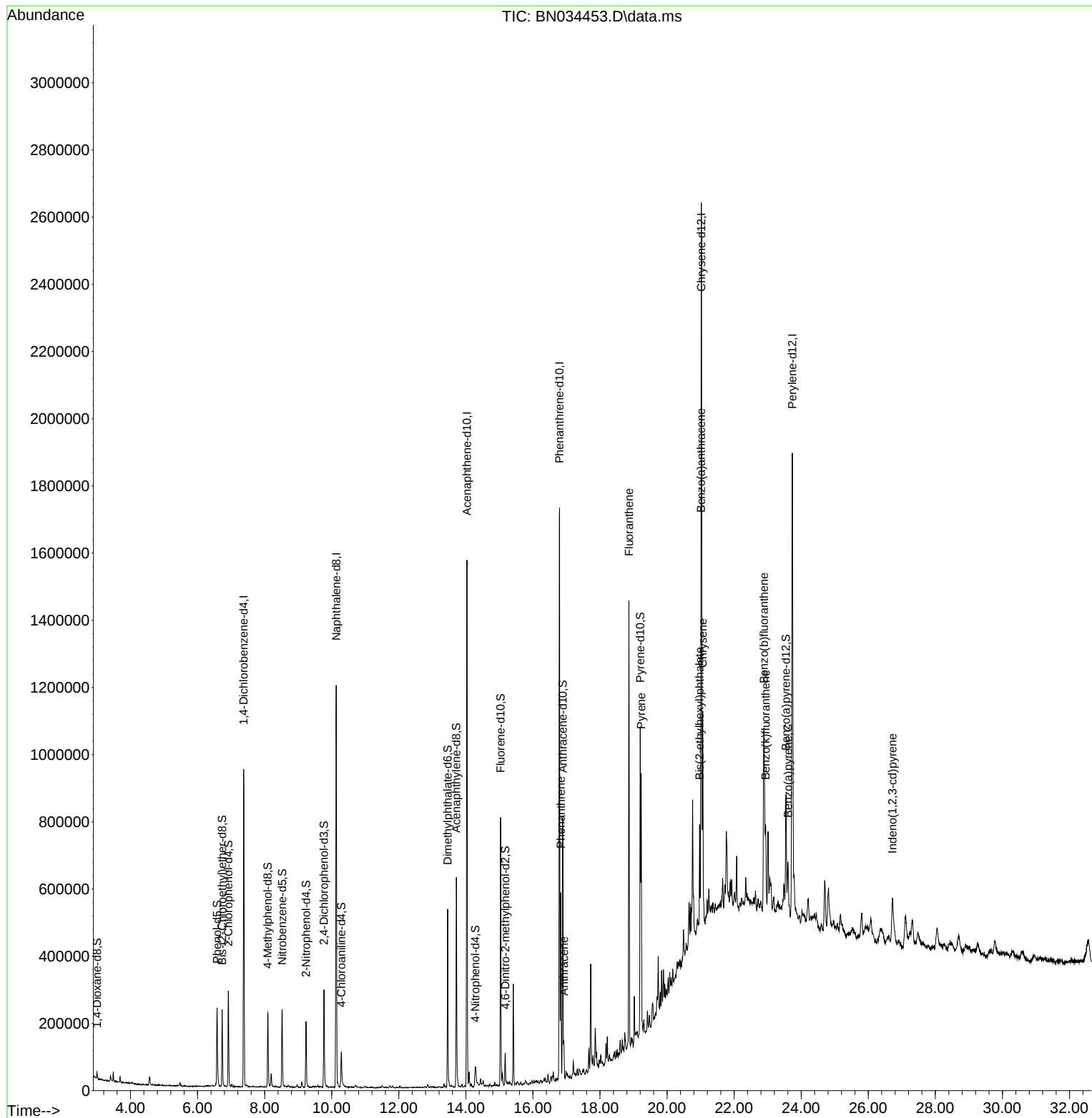
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034453.D
Acq On : 08 Oct 2024 00:49
Operator : RC/JU
Sample : P4131-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

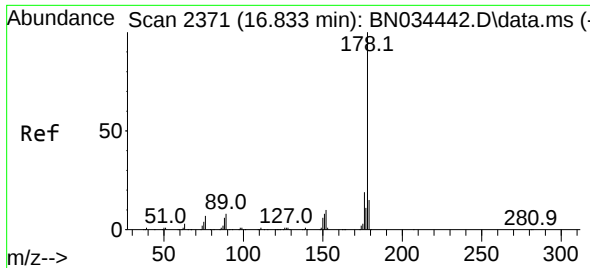
Instrument :
BNA_N
ClientSampleId :
A4ER4

Quant Time: Oct 08 02:47:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
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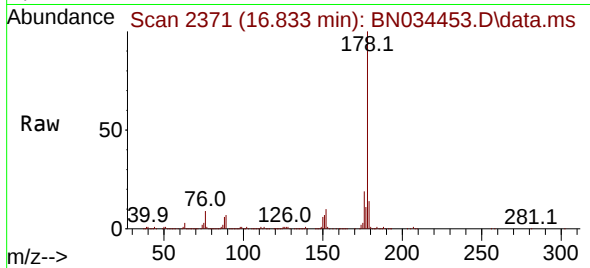
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024





#72
Phenanthrene
Concen: 5.533 ng/u1
RT: 16.833 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BN034453.D
Acq: 08 Oct 2024 00:49

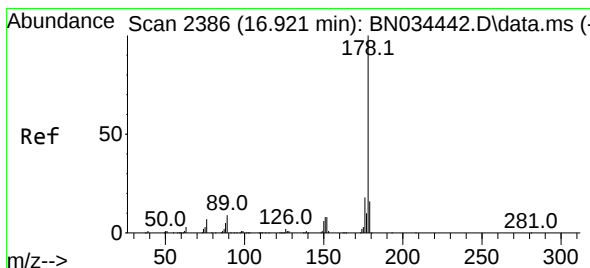
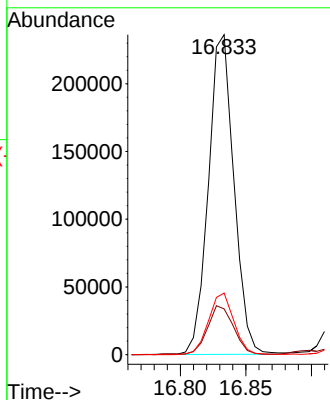
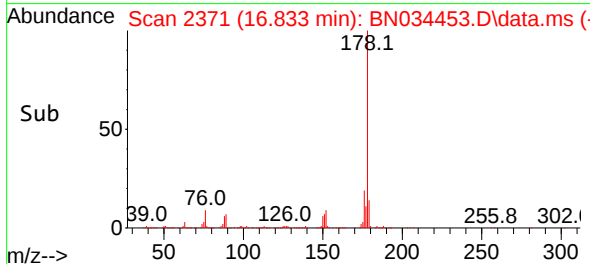
Instrument :
BNA_N
ClientSampleId :
A4ER4



Tgt Ion:178 Resp: 319730
Ion Ratio Lower Upper
178 100
179 14.3 11.9 17.9
176 19.3 15.2 22.8

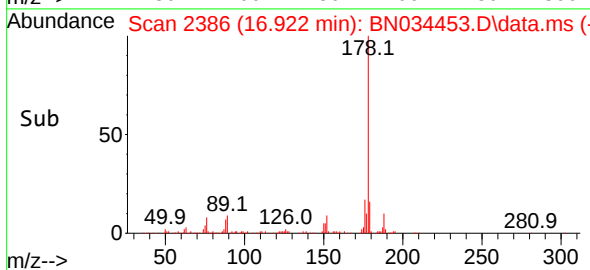
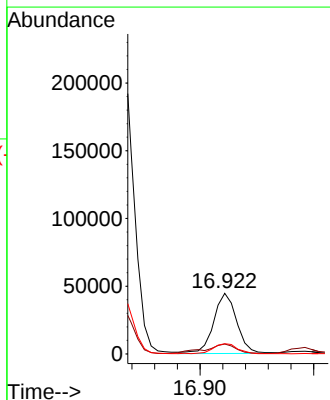
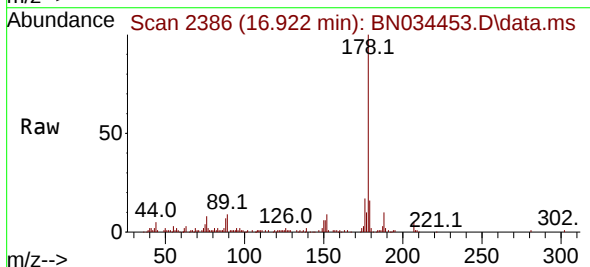
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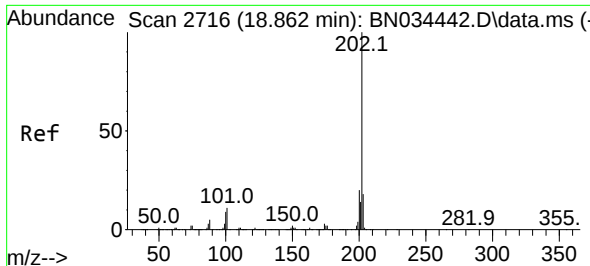
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#74
Anthracene
Concen: 1.069 ng/u1
RT: 16.922 min Scan# 2386
Delta R.T. -0.012 min
Lab File: BN034453.D
Acq: 08 Oct 2024 00:49

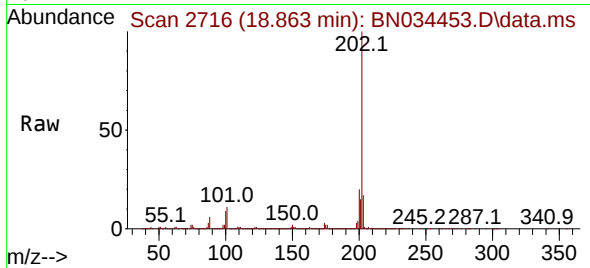
Tgt Ion:178 Resp: 63053
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.2
176 16.9 15.0 22.6





#80
Fluoranthene
Concen: 12.541 ng/ul
RT: 18.863 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BN034453.D
Acq: 08 Oct 2024 00:49

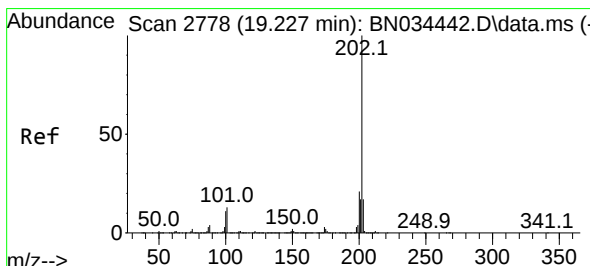
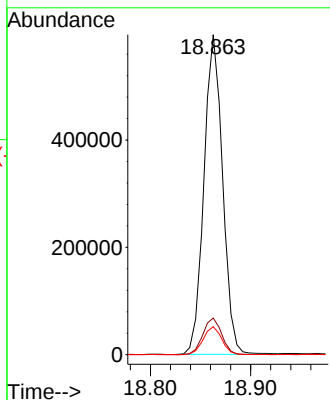
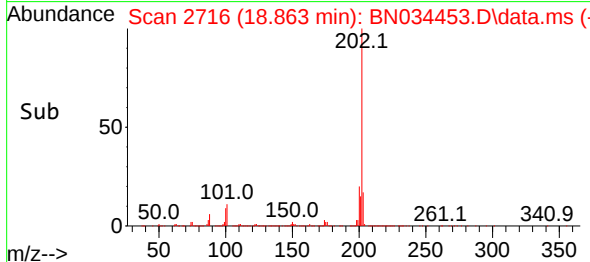
Instrument :
BNA_N
ClientSampleId :
A4ER4



Tgt Ion:202 Resp: 773812
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
100 8.7 7.7 11.5

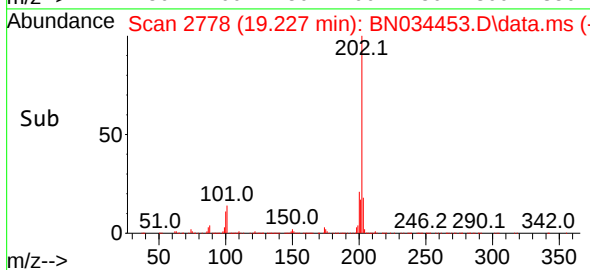
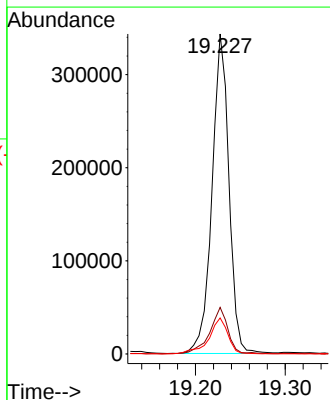
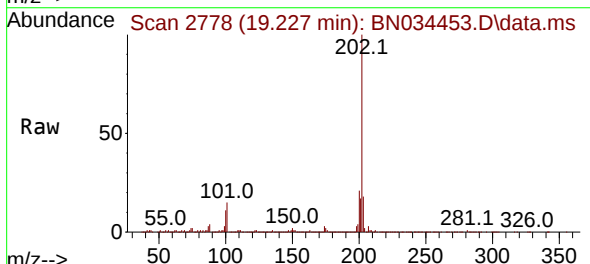
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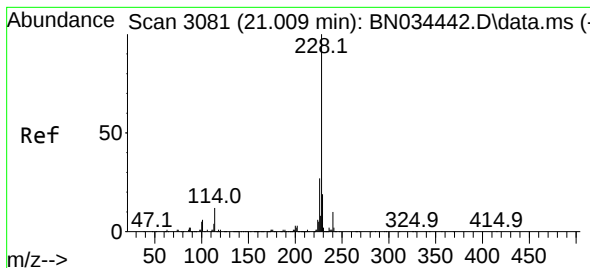
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#82
Pyrene
Concen: 6.775 ng/ul
RT: 19.227 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BN034453.D
Acq: 08 Oct 2024 00:49

Tgt Ion:202 Resp: 449376
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.8
100 11.3 10.0 15.0





#85

Benzo(a)anthracene

Concen: 4.805 ng/ul

RT: 21.010 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BN034453.D

Acq: 08 Oct 2024 00:49

Instrument :

BNA_N

ClientSampleId :

A4ER4

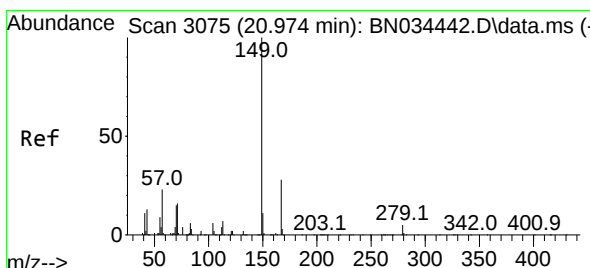
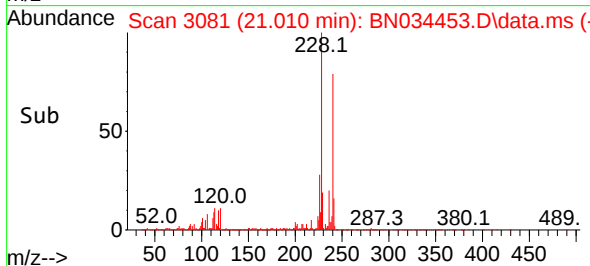
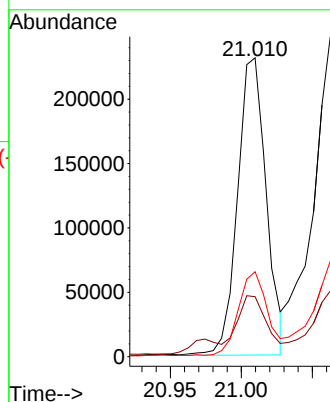
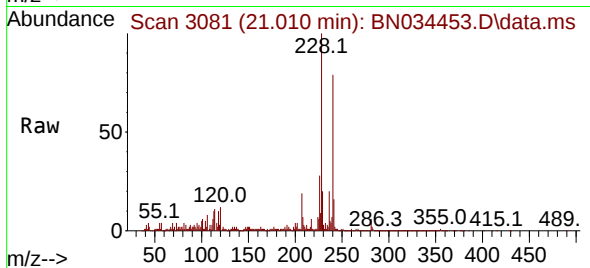
Tgt Ion:228 Resp: 32454
 Ion Ratio Lower Upper
 228 100
 229 20.1 15.0 22.6
 226 28.4 20.2 30.4

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Supervised By :mohammad ahmed 10/09/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.383 ng/ul

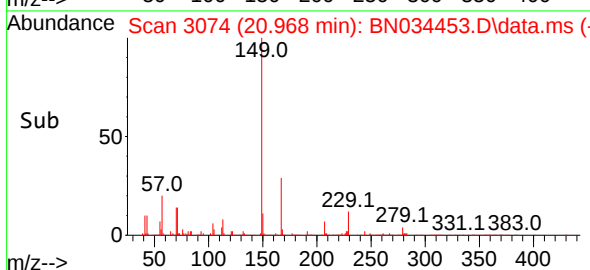
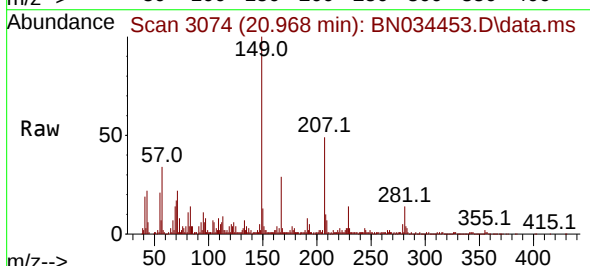
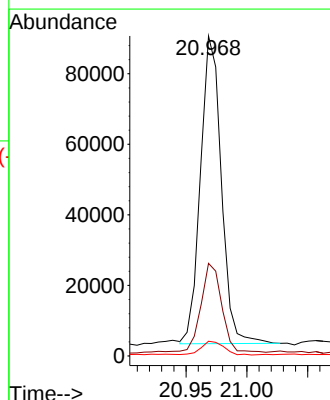
RT: 20.968 min Scan# 3074

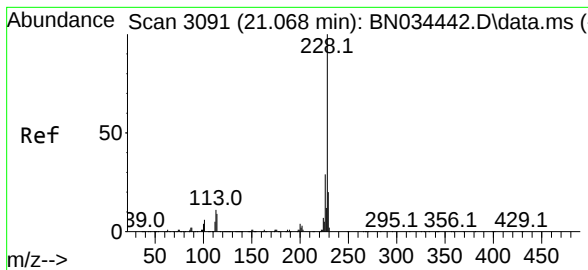
Delta R.T. -0.012 min

Lab File: BN034453.D

Acq: 08 Oct 2024 00:49

Tgt Ion:149 Resp: 103757
 Ion Ratio Lower Upper
 149 100
 167 28.9 20.6 31.0
 279 4.6 3.0 4.6#





#87

Chrysene

Concen: 5.956 ng/ul

RT: 21.063 min Scan# 3090

Delta R.T. -0.012 min

Lab File: BN034453.D

Acq: 08 Oct 2024 00:49

Instrument :

BNA_N

ClientSampleId :

A4ER4

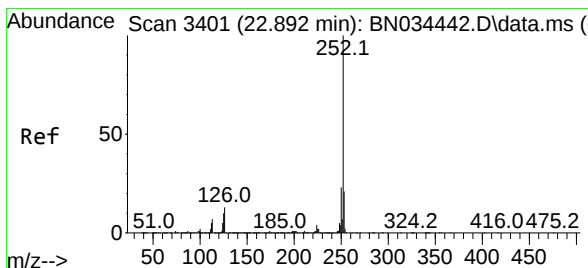
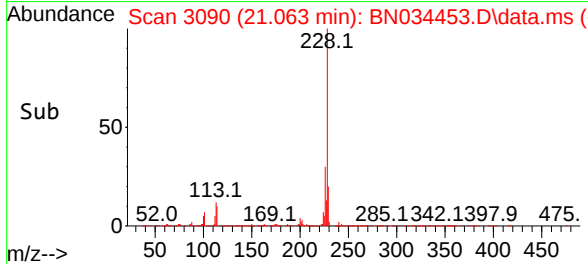
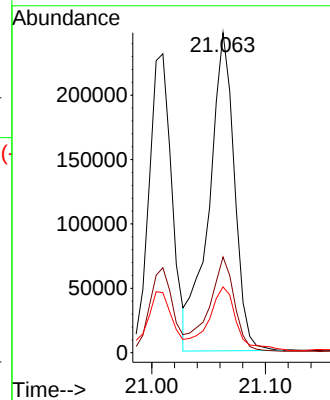
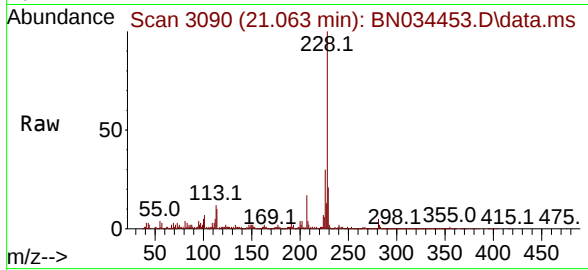
Tgt Ion:	228	Resp:	383824
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.5	33.7
229	20.5	15.8	23.6

Manual Integrations

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Supervised By :mohammad ahmed 10/09/2024



#90

Benzo(b)fluoranthene

Concen: 7.423 ng/ul

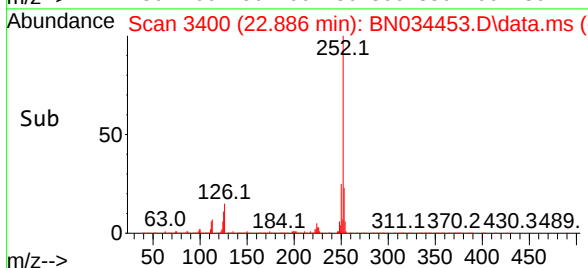
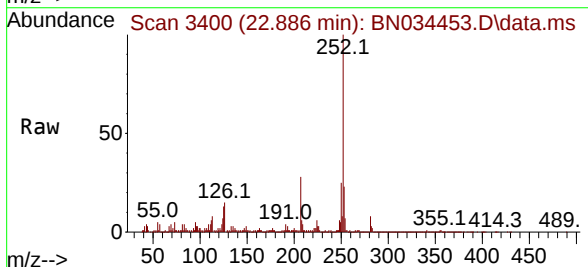
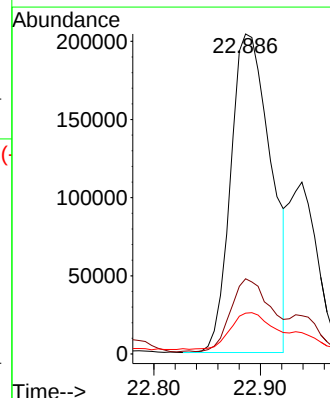
RT: 22.886 min Scan# 3400

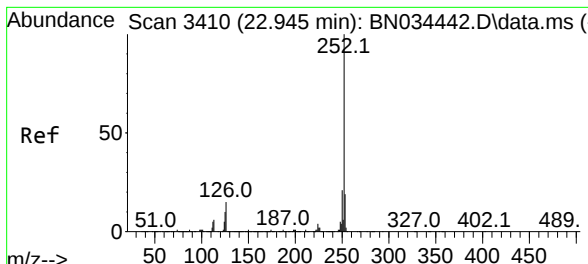
Delta R.T. -0.006 min

Lab File: BN034453.D

Acq: 08 Oct 2024 00:49

Tgt Ion:	252	Resp:	535389
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.6
125	12.8	9.1	13.7





#91
 Benzo(k)fluoranthene
 Concen: 2.885 ng/ul m
 RT: 22.939 min Scan# 3410
 Delta R.T. -0.006 min
 Lab File: BN034453.D
 Acq: 08 Oct 2024 00:49

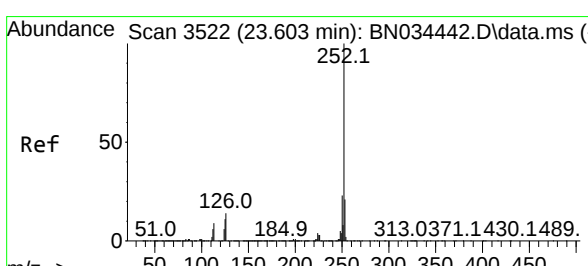
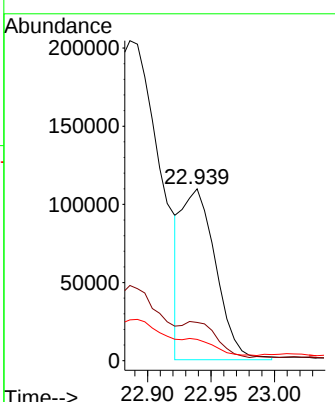
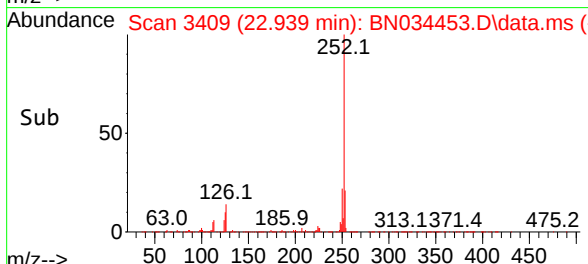
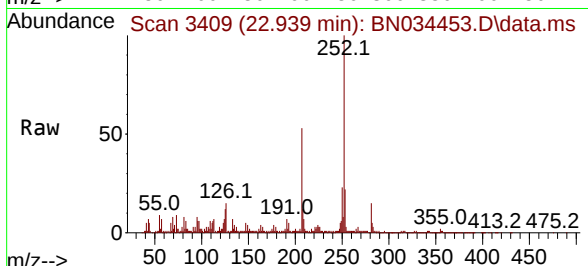
Instrument :
 BNA_N
 ClientSampleId :
 A4ER4

Tgt Ion:252 Resp: 205254

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	12.4	8.8	13.2

Manual Integrations
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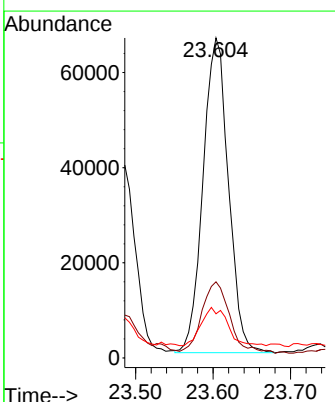
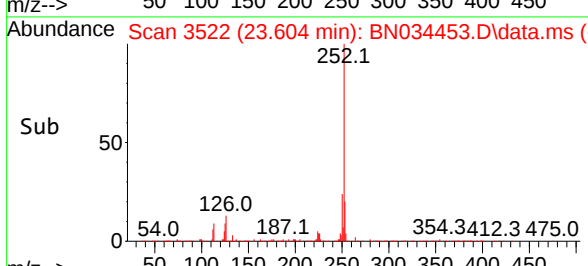
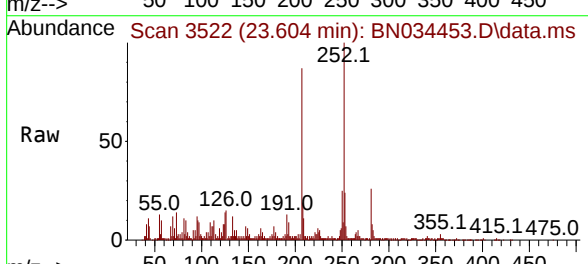
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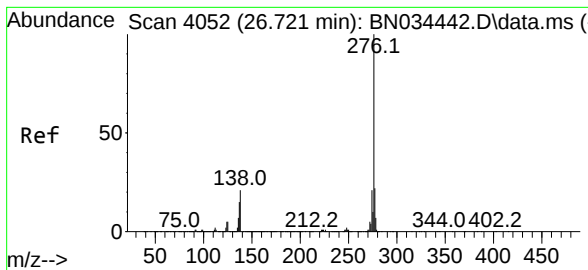


#93
 Benzo(a)pyrene
 Concen: 2.210 ng/ul
 RT: 23.604 min Scan# 3522
 Delta R.T. -0.012 min
 Lab File: BN034453.D
 Acq: 08 Oct 2024 00:49

Tgt Ion:252 Resp: 150608

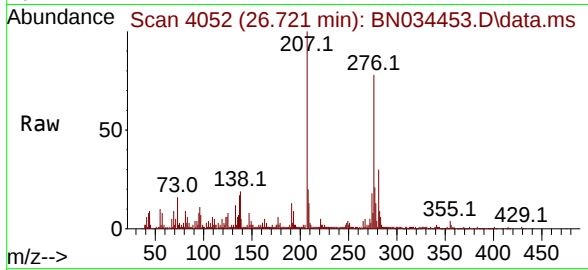
Ion	Ratio	Lower	Upper
252	100		
253	23.8	15.8	23.8#
125	13.8	9.0	13.6#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.955 ng/ul
 RT: 26.721 min Scan# 4052
 Delta R.T. -0.018 min
 Lab File: BN034453.D
 Acq: 08 Oct 2024 00:49

Instrument :
 BNA_N
 ClientSampleId :
 A4ER4



Tgt Ion: 276 Resp: 165014
 Ion Ratio Lower Upper
 276 100
 138 30.8 17.7 26.5
 277 26.9 18.4 27.6

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