

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034438.D
 Acq On : 07 Oct 2024 14:59
 Operator : RC/JU
 Sample : P4109-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EH7

Manual Integrations APPROVED

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

Quant Time: Oct 07 15:41:09 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	145580	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	568231	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	363878	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	783400	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	798775	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	844881	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	7059	1.979	ng/uL	0.00
4) Pyridine-d5	3.411	84	7812m	0.737	ng/ul	0.02
7) Phenol-d5	6.581	99	128978	9.983	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	80179	10.002	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	117960	11.599	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	93979	8.840	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	53026	11.708	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	57253	12.293	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	106222	12.110	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	77533	5.839	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	341286	12.550	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	380994	12.454	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	32589	5.839	ng/ul	0.00
60) Fluorene-d10	15.034	176	305337	13.249	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	32434	6.944	ng/ul	0.00
73) Anthracene-d10	16.887	188	486118	13.199	ng/ul	-0.01
81) Pyrene-d10	19.198	212	497005	11.167	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	346075	7.974	ng/ul	-0.01
Target Compounds						
16) Acetophenone	8.193	105	40380	2.398	ng/ul#	91
30) Naphthalene	10.181	128	38696	1.245	ng/ul	99
52) Acenaphthene	14.093	153	27567	1.153	ng/ul	97
61) Fluorene	15.087	166	32814	1.227	ng/ul	93
72) Phenanthrene	16.828	178	550512	12.744	ng/ul	99
74) Anthracene	16.922	178	103824	2.354	ng/ul	98
77) Carbazole	17.198	167	53955	1.329	ng/ul	99
80) Fluoranthene	18.863	202	898229	17.264	ng/ul	99
82) Pyrene	19.228	202	594516	10.629	ng/ul	96
83) Butylbenzylphthalate	20.169	149	51590	2.057	ng/ul	100
85) Benzo(a)anthracene	21.010	228	422080	7.411	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.975	149	365251	9.948	ng/ul#	97
87) Chrysene	21.063	228	432792	7.964	ng/ul	94
90) Benzo(b)fluoranthene	22.892	252	541818	10.518	ng/ul	97
91) Benzo(k)fluoranthene	22.945	252	192880m	3.796	ng/ul	
93) Benzo(a)pyrene	23.610	252	162980	3.349	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.715	276	151599	2.514	ng/ul	97
95) Dibenzo(a,h)anthracene	26.762	278	57939	1.189	ng/ul#	85

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

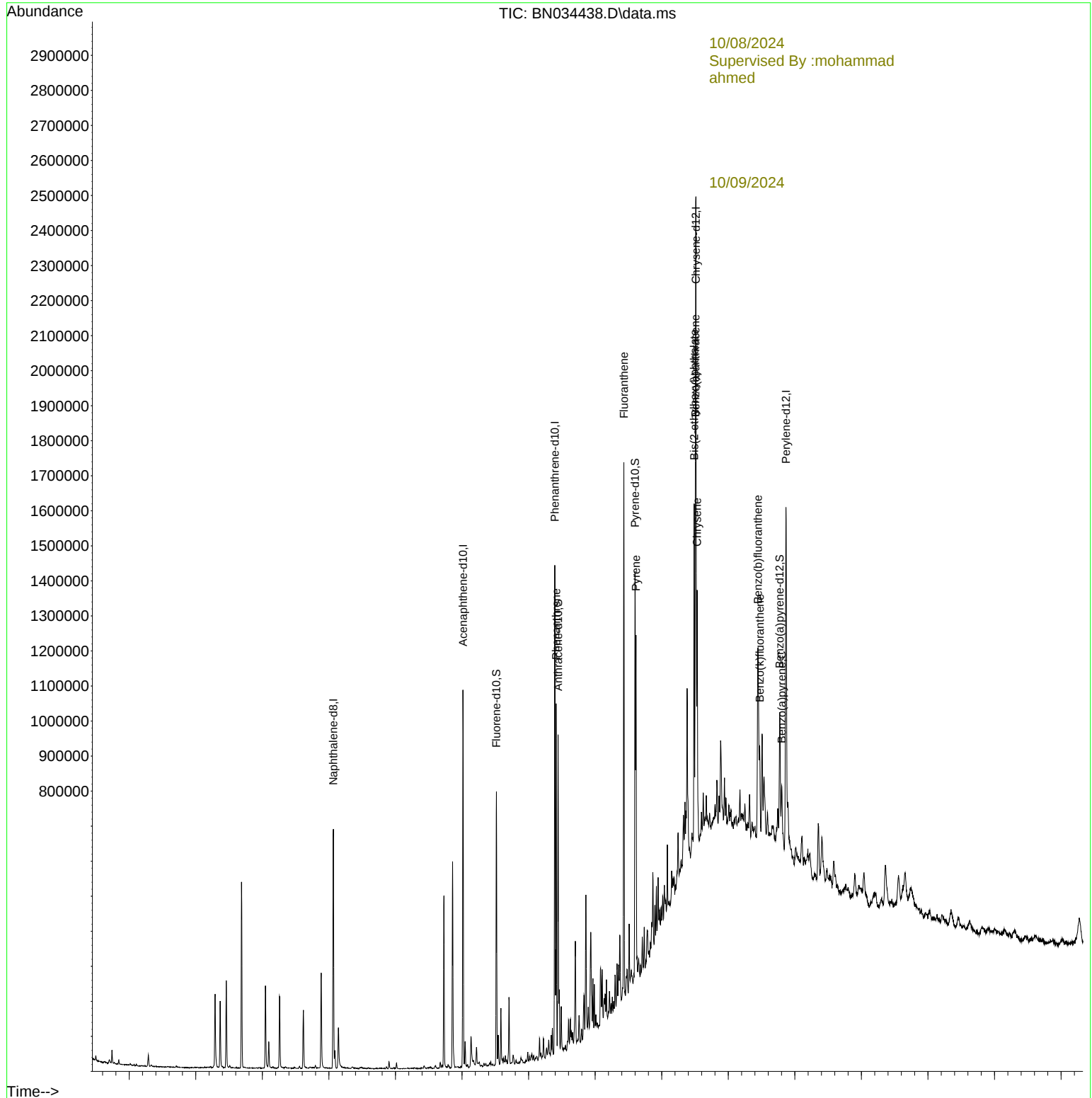
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034438.D
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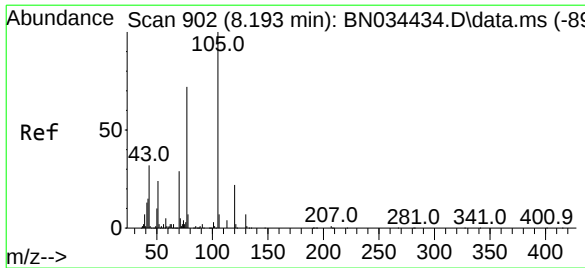
Instrument :
BNA_N
ClientSampleId :
A4EH7

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
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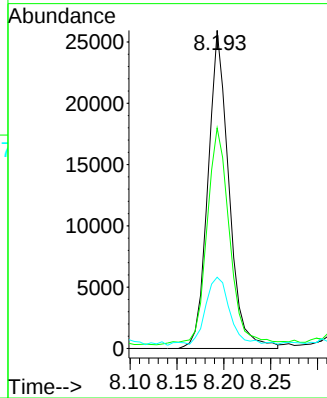
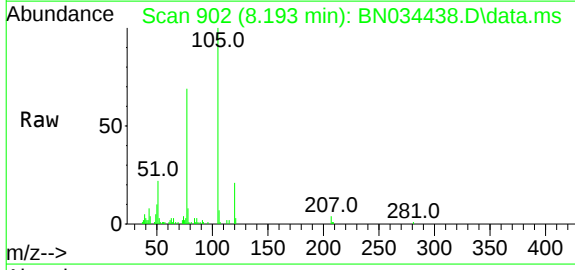
#16
Acetophenone
Concen: 2.398 ng/u1
RT: 8.193 min Scan# 902
Delta R.T. -0.012 min
Lab File: BN034438.D
Acq: 07 Oct 2024 14:59

Instrument :
BNA_N
ClientSampleId :
A4EH7

Tgt Ion	Ratio	Lower	Upper
105	100		
77	69.3	61.1	91.7
51	22.4	22.6	33.8

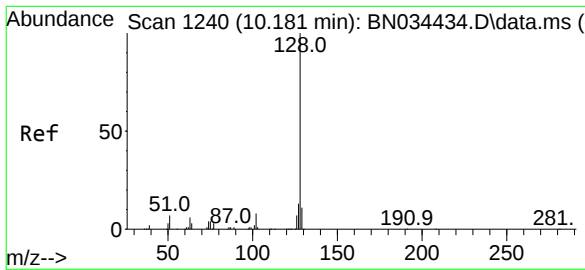
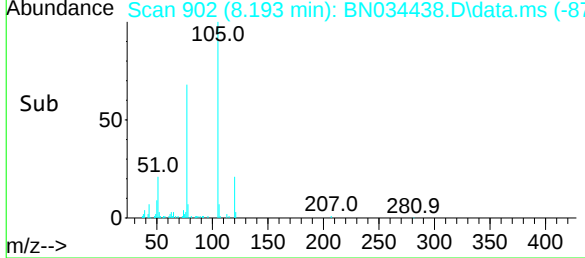
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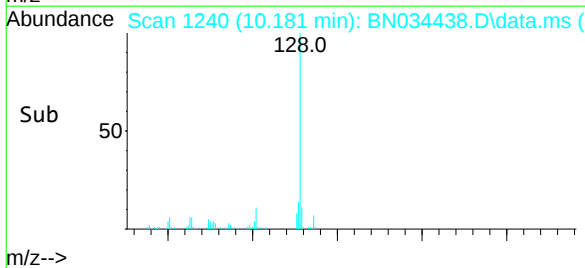
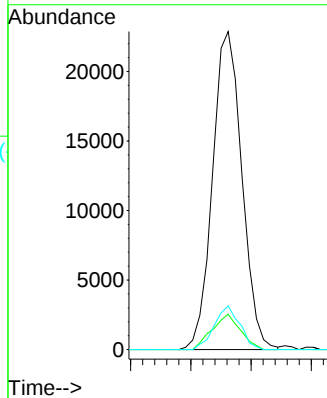
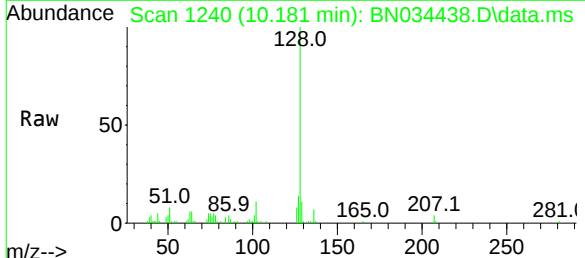
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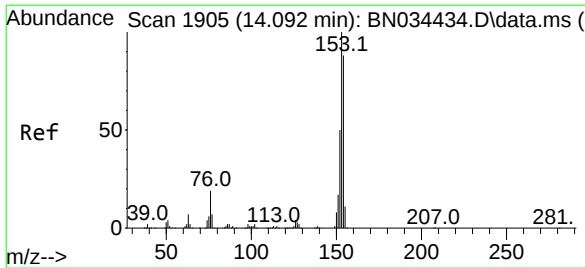
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#30
Naphthalene
Concen: 1.245 ng/u1
RT: 10.181 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BN034438.D
Acq: 07 Oct 2024 14:59

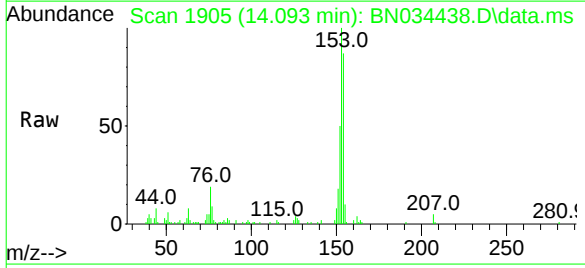
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.8	10.6	16.0





#52
Acenaphthene
Concen: 1.153 ng/u1
RT: 14.093 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BN034438.D
Acq: 07 Oct 2024 14:59

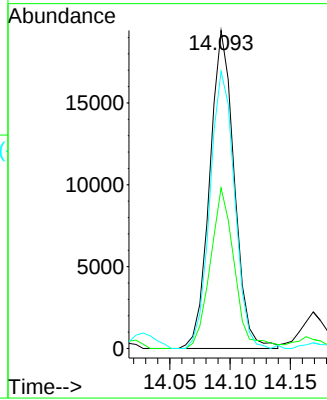
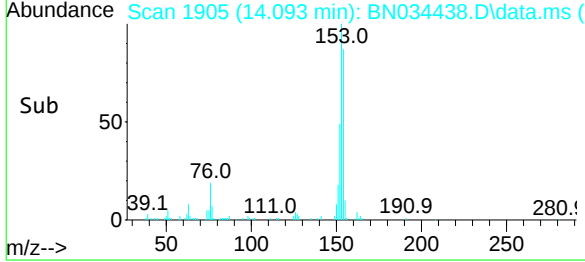
Instrument :
BNA_N
ClientSampleId :
A4EH7



Tgt Ion:153 Resp: 27567
Ion Ratio Lower Upper
153 100
152 50.5 37.8 56.8
154 87.1 71.2 106.8

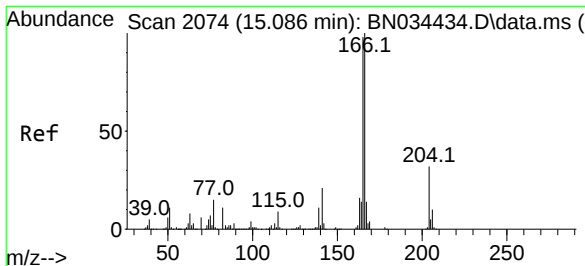
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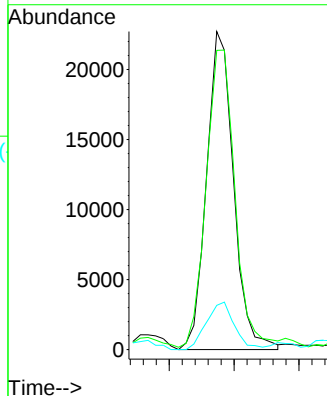
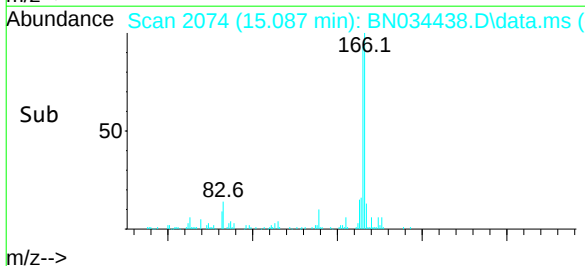
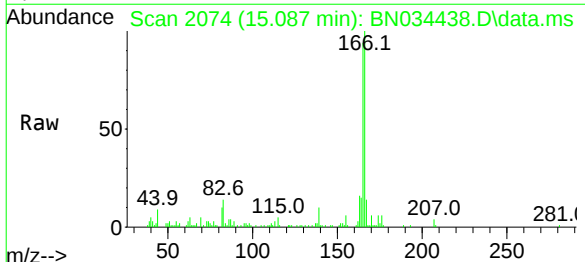
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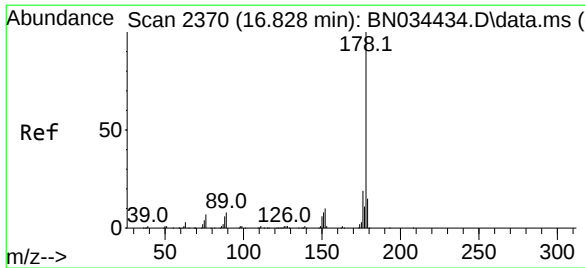
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#61
Fluorene
Concen: 1.227 ng/u1
RT: 15.087 min Scan# 2074
Delta R.T. -0.012 min
Lab File: BN034438.D
Acq: 07 Oct 2024 14:59

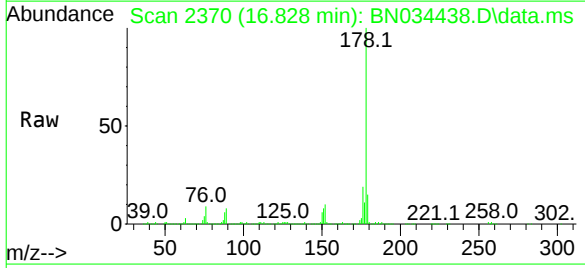
Tgt Ion:166 Resp: 32814
Ion Ratio Lower Upper
166 100
165 94.1 81.9 122.9
167 13.9 10.9 16.3





#72
Phenanthrene
Concen: 12.744 ng/u1
RT: 16.828 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BN034438.D
Acq: 07 Oct 2024 14:59

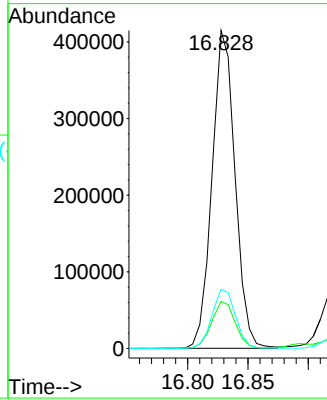
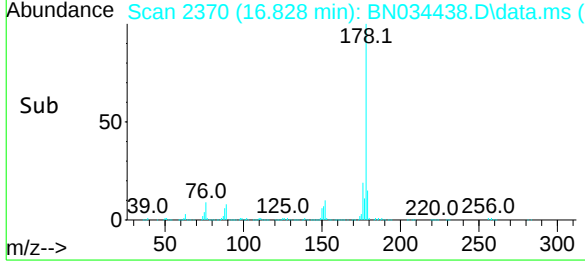
Instrument : BNA_N
ClientSampleId : A4EH7



Tgt Ion:178 Resp: 550512
Ion Ratio Lower Upper
178 100
179 14.8 11.9 17.9
176 18.6 15.2 22.8

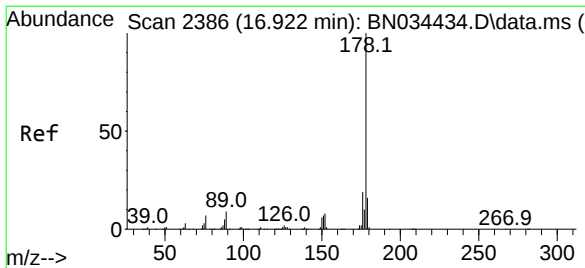
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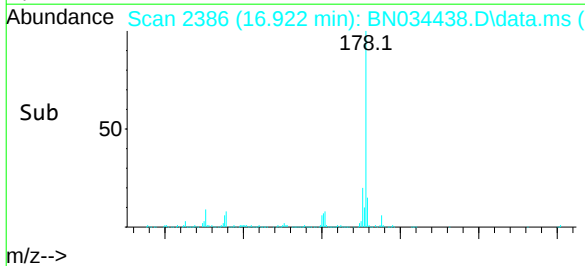
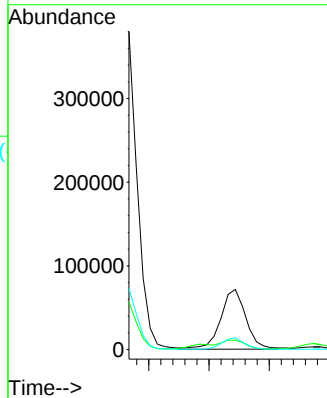
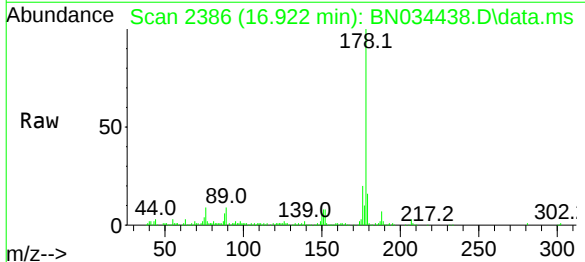
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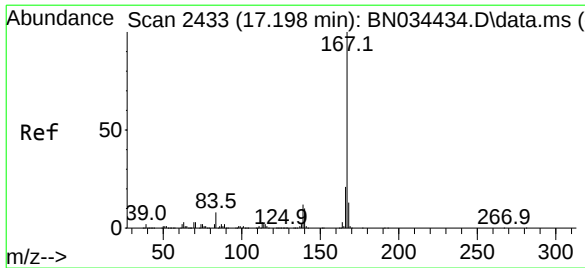
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#74
Anthracene
Concen: 2.354 ng/u1
RT: 16.922 min Scan# 2386
Delta R.T. -0.012 min
Lab File: BN034438.D
Acq: 07 Oct 2024 14:59

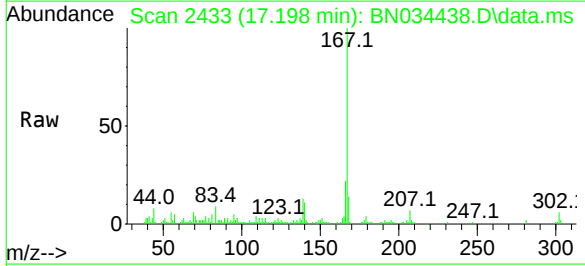
Tgt Ion:178 Resp: 103824
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.7 15.0 22.6





#77
Carbazole
 Concen: 1.329 ng/ul
 RT: 17.198 min Scan# 2433
 Delta R.T. -0.012 min
 Lab File: BN034438.D
 Acq: 07 Oct 2024 14:59

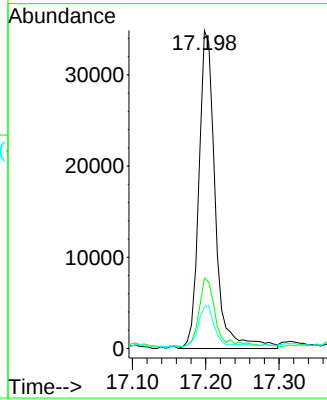
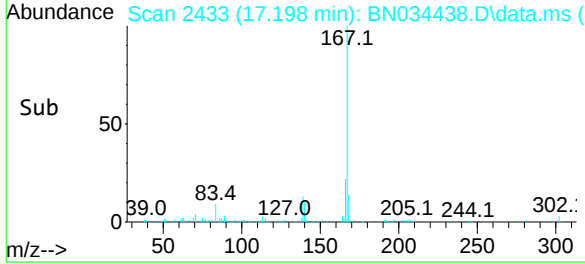
Instrument :
 BNA_N
ClientSampleId :
 A4EH7



Tgt Ion:	167	Resp:	53955
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.0
139	13.1	10.5	15.7

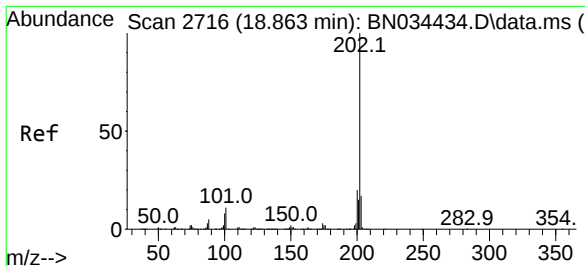
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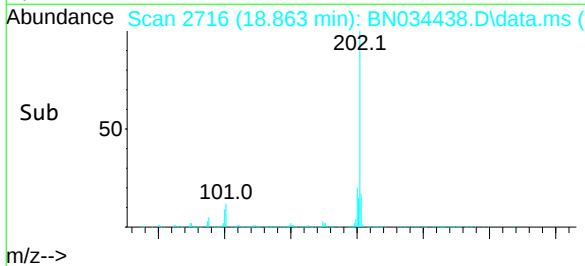
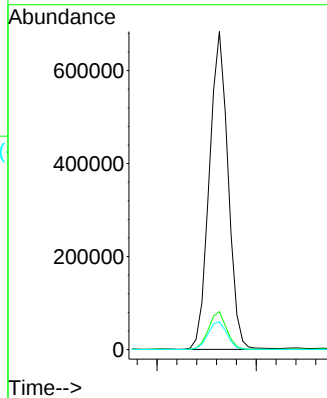
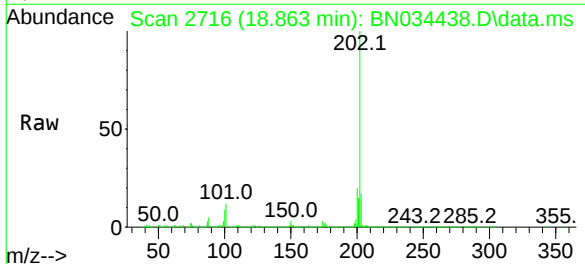
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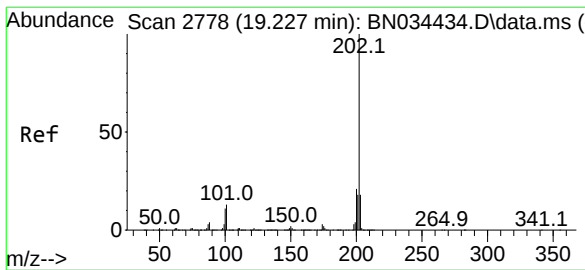
10/09/2024



#80
Fluoranthene
 Concen: 17.264 ng/ul
 RT: 18.863 min Scan# 2716
 Delta R.T. -0.006 min
 Lab File: BN034438.D
 Acq: 07 Oct 2024 14:59

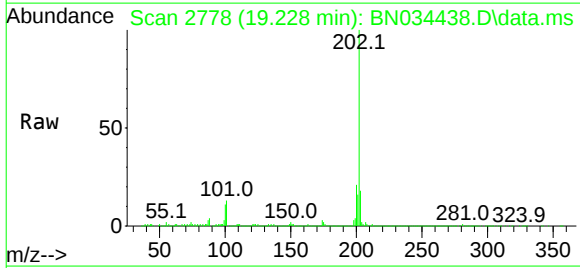
Tgt Ion:	202	Resp:	898229
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.6	14.4
100	8.7	7.7	11.5





#82
 Pyrene
 Concen: 10.629 ng/u1
 RT: 19.228 min Scan# 2778
 Delta R.T. -0.012 min
 Lab File: BN034438.D
 Acq: 07 Oct 2024 14:59

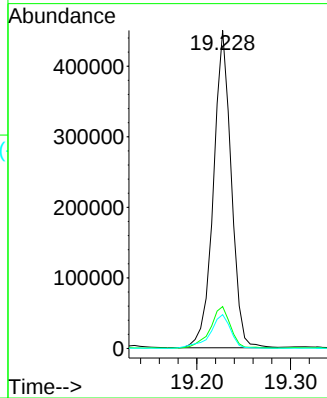
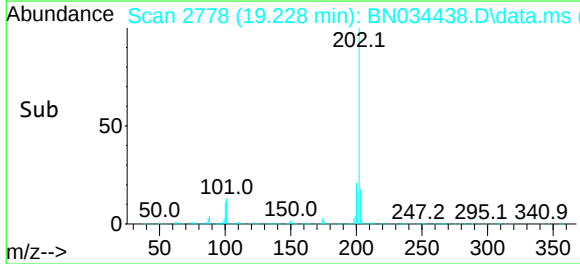
Instrument : BNA_N
 ClientSampleId : A4EH7



Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.8	17.8
100	10.6	10.0	15.0

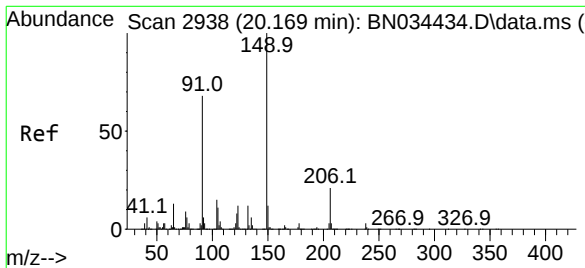
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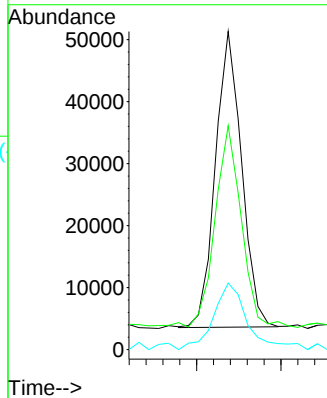
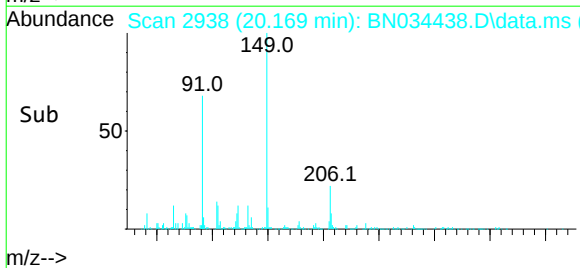
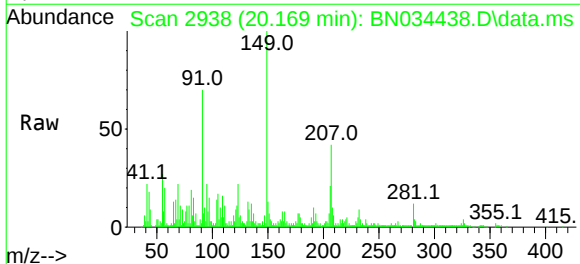
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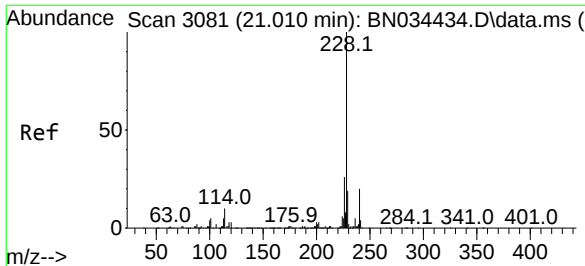
10/09/2024



#83
 Butylbenzylphthalate
 Concen: 2.057 ng/u1
 RT: 20.169 min Scan# 2938
 Delta R.T. -0.012 min
 Lab File: BN034438.D
 Acq: 07 Oct 2024 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.3	84.5
206	20.9	15.9	23.9





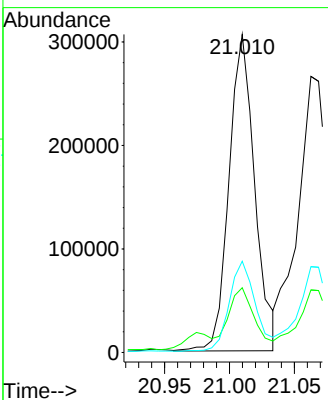
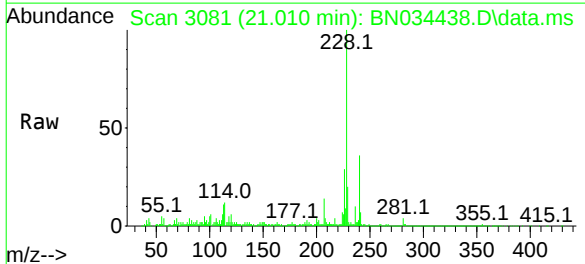
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 Benzo(a)anthracene
 Concen: 7.411 ng/ul
 RT: 21.010 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BN034438.D
 Acq: 07 Oct 2024 14:59

Instrument : BNA_N
 ClientSampleId : A4EH7

Tgt Ion:	228	Resp:	422080
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.6
226	28.7	20.2	30.4

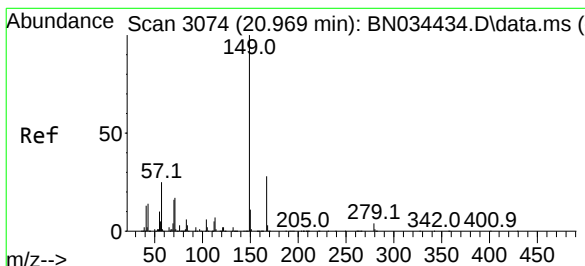
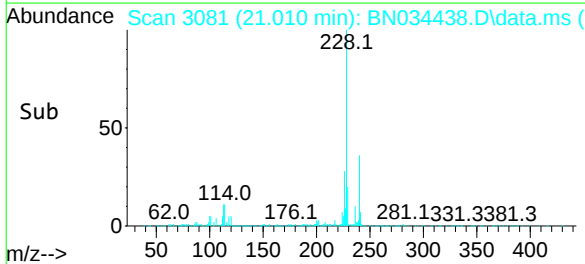
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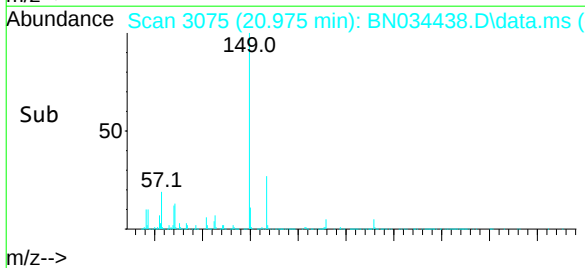
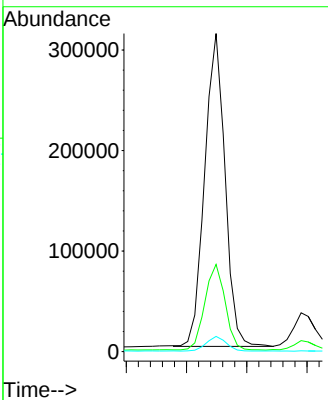
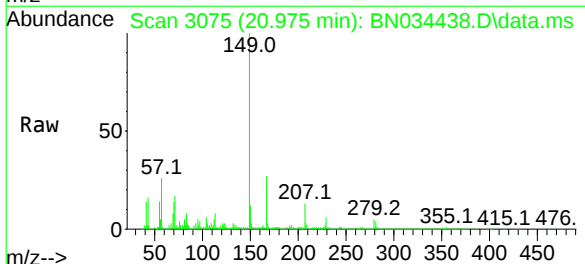
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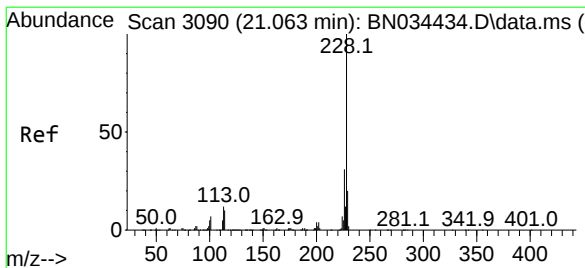
10/09/2024



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 9.948 ng/ul
 RT: 20.975 min Scan# 3075
 Delta R.T. -0.006 min
 Lab File: BN034438.D
 Acq: 07 Oct 2024 14:59

Tgt Ion:	149	Resp:	365251
Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.6	31.0
279	4.8	3.0	4.6





#87

Chrysene

Concen: 7.964 ng/u1

RT: 21.063 min Scan# 30

Delta R.T. -0.012 min

Lab File: BN034438.D

Acq: 07 Oct 2024 14:59

Instrument :

BNA_N

ClientSampleId :

A4EH7

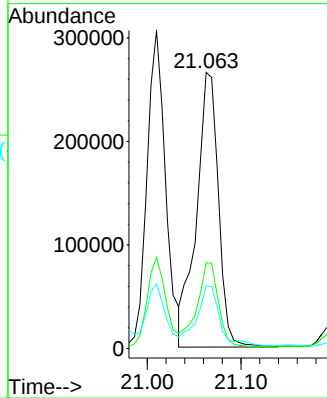
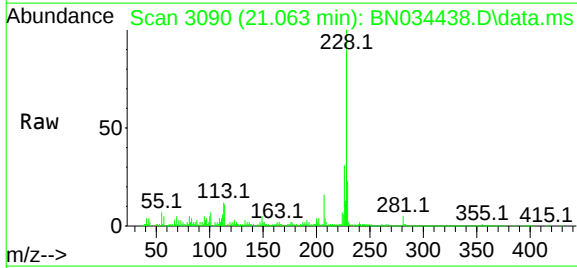
Tgt Ion:	228	Resp:	432792
Ion Ratio	Lower	Upper	
228	100		
226	31.1	22.5	33.7
229	22.6	15.8	23.6

Manual Integrations

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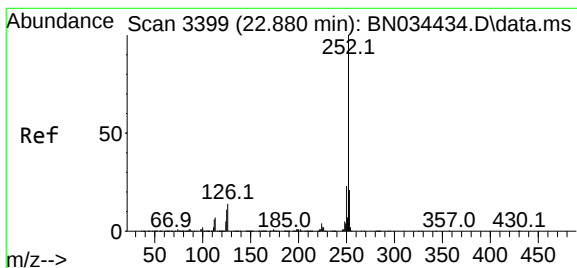
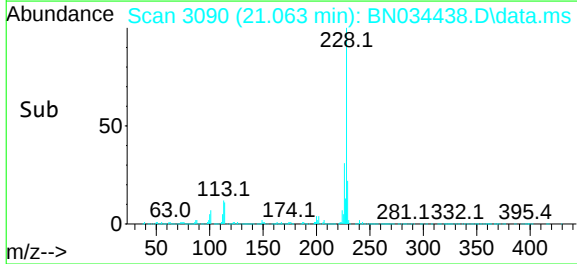
Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/09/2024



10/08/2024
Supervised By :mohammad
ahmed

10/09/2024



#90

Benzo(b)fluoranthene

Concen: 10.518 ng/u1

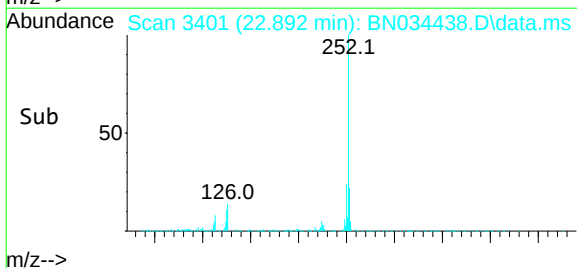
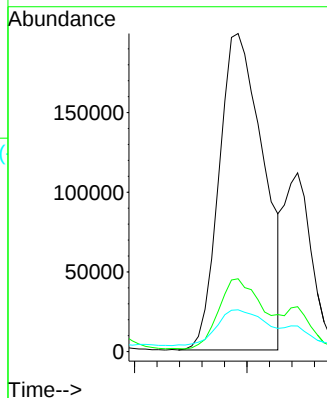
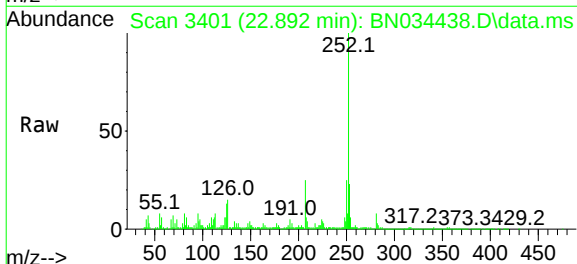
RT: 22.892 min Scan# 3401

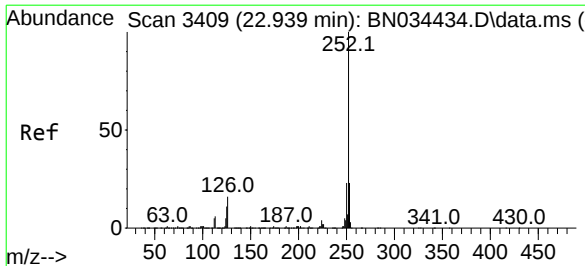
Delta R.T. 0.000 min

Lab File: BN034438.D

Acq: 07 Oct 2024 14:59

Tgt Ion:	252	Resp:	541818
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	13.1	9.1	13.7





#91

Benzo(k)fluoranthene

Concen: 3.796 ng/u1 m

RT: 22.945 min Scan# 34

Delta R.T. 0.000 min

Lab File: BN034438.D

Acq: 07 Oct 2024 14:59

Instrument :

BNA_N

ClientSampleId :

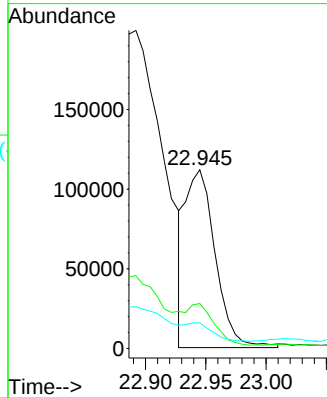
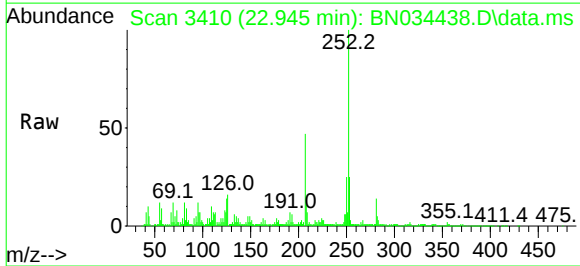
A4EH7

Tgt Ion:	252	Resp:	192880
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.4	26.0
125	14.3	8.8	13.2

Manual Integrations
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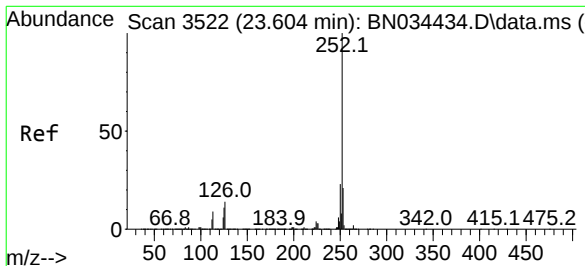
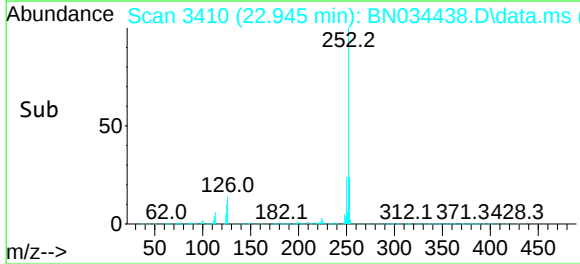
Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/09/2024



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Supervised By :mohammad
ahmed

10/09/2024



#93

Benzo(a)pyrene

Concen: 3.349 ng/u1

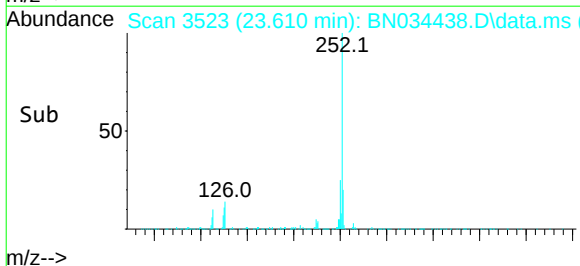
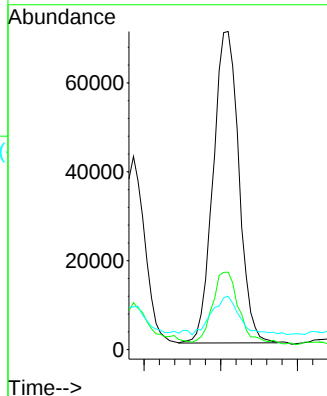
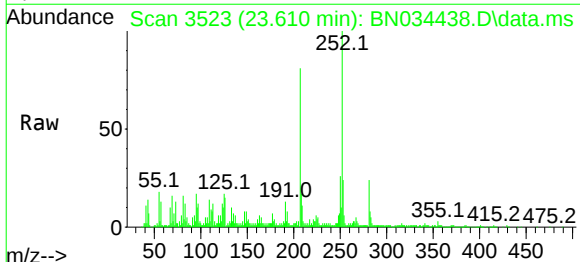
RT: 23.610 min Scan# 3523

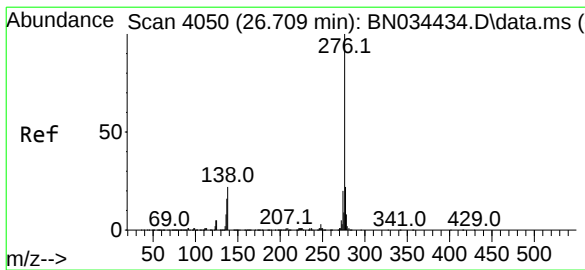
Delta R.T. -0.006 min

Lab File: BN034438.D

Acq: 07 Oct 2024 14:59

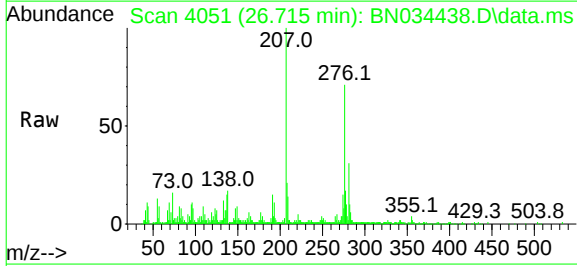
Tgt Ion:	252	Resp:	162980
Ion Ratio	Lower	Upper	
252	100		
253	24.3	15.8	23.8
125	16.8	9.0	13.6





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.514 ng/ul
 RT: 26.715 min Scan# 4051
 Delta R.T. -0.023 min
 Lab File: BN034438.D
 Acq: 07 Oct 2024 14:59

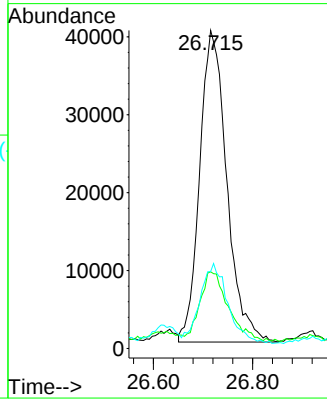
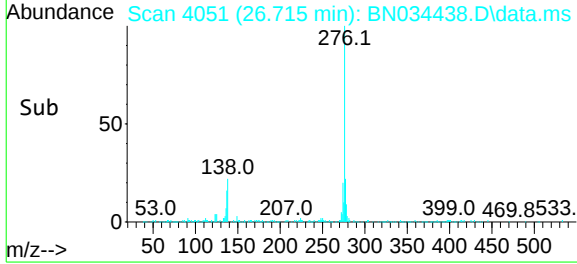
Instrument :
 BNA_N
 ClientSampleId :
 A4EH7



Tgt Ion:	276	Resp:	151599
Ion Ratio	Lower	Upper	
276	100		
138	24.1	17.7	26.5
277	24.2	18.4	27.6

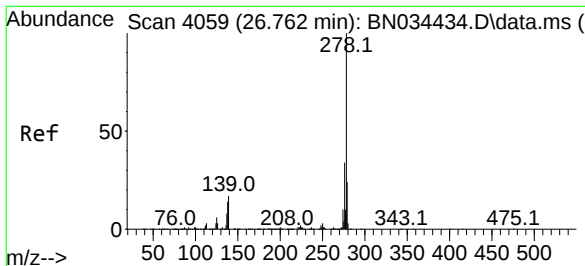
Manual Integrations
 APPROVED

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

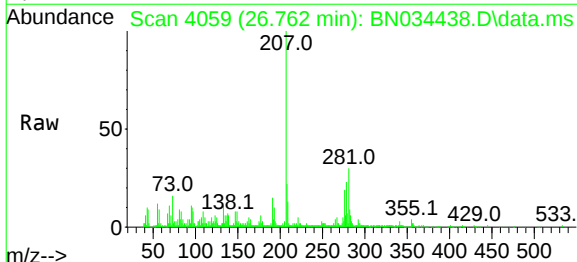


10/08/2024
 Supervised By :mohammad
 ahmed

10/09/2024



#95
 Dibenzo(a,h)anthracene
 Concen: 1.189 ng/ul
 RT: 26.762 min Scan# 4059
 Delta R.T. -0.029 min
 Lab File: BN034438.D
 Acq: 07 Oct 2024 14:59



Tgt Ion:	278	Resp:	57939
Ion Ratio	Lower	Upper	
278	100		
139	25.0	14.2	21.2#
279	29.5	18.1	27.1#

