

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034448.D
 Acq On : 07 Oct 2024 21:32
 Operator : RC/JU
 Sample : P4131-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EZ1

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 00:43:24 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	216815	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	838092	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	499423	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.786	188	1013164	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	949628	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1177382	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	15738	2.962	ng/uL	0.00
4) Pyridine-d5	3.387	84	173099	10.961	ng/ul	0.00
7) Phenol-d5	6.581	99	275608	14.323	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	163168	13.667	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	247152	16.317	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	223171	14.095	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	110526	16.546	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	124252	18.088	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	219263	16.949	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	255663	13.054	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	644745	17.274	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	740444	17.635	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	63206	8.252	ng/ul	0.00
60) Fluorene-d10	15.034	176	561097	17.738	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	59323	9.820	ng/ul	0.00
73) Anthracene-d10	16.886	188	873249	18.333	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1022334	19.322	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	1148721	18.994	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.828	178	80577	1.442	ng/ul	98
80) Fluoranthene	18.863	202	197953	3.200	ng/ul	99
82) Pyrene	19.227	202	187242	2.816	ng/ul	98
85) Benzo(a)anthracene	21.010	228	101163	1.494	ng/ul	94
87) Chrysene	21.063	228	112248	1.737	ng/ul	94
90) Benzo(b)fluoranthene	22.886	252	141118	1.966	ng/ul#	95
93) Benzo(a)pyrene	23.604	252	107086	1.579	ng/ul#	90
96) Benzo(g,h,i)perylene	27.651	276	80282m	1.231	ng/ul	

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

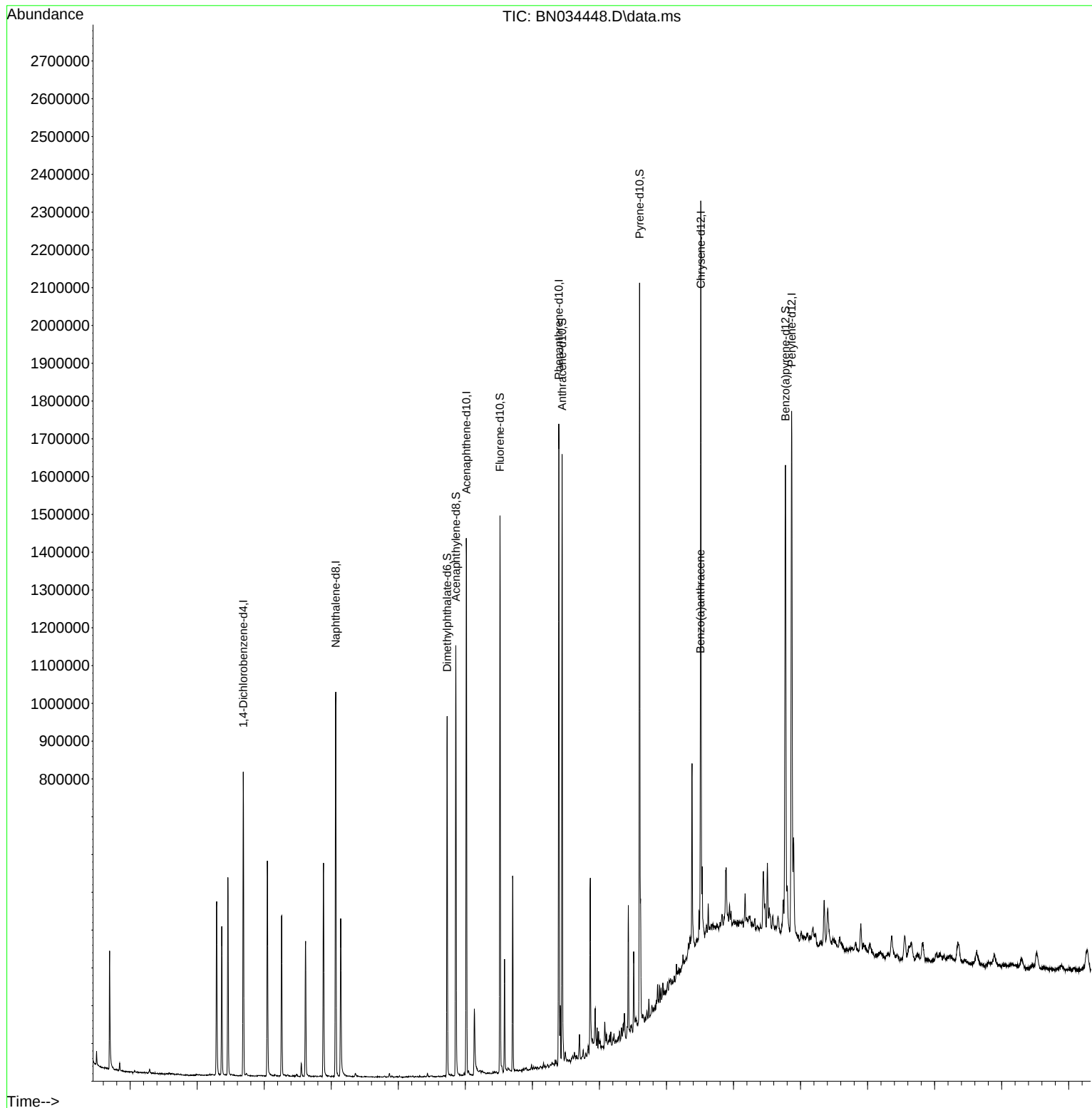
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
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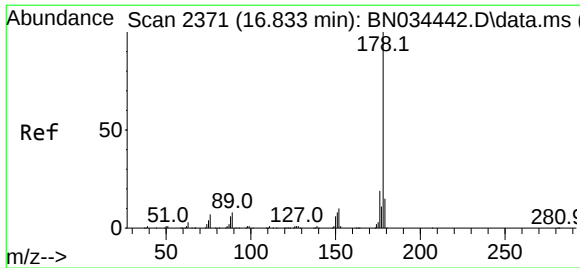
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Oct 08 00:43:24 2024
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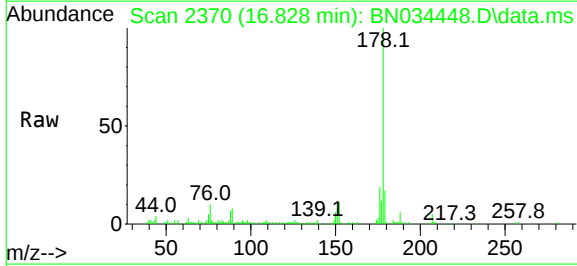
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024





#72
Phenanthrene
Concen: 1.442 ng/ul
RT: 16.828 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BN034448.D
Acq: 07 Oct 2024 21:32

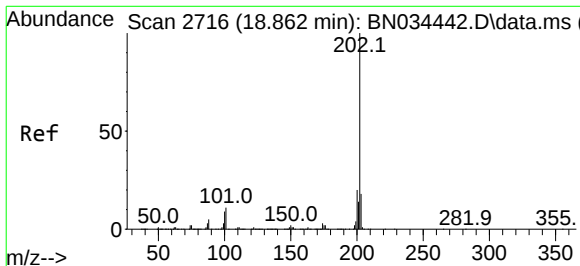
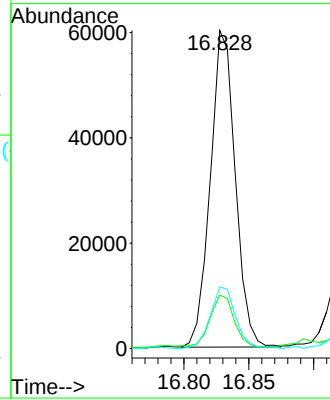
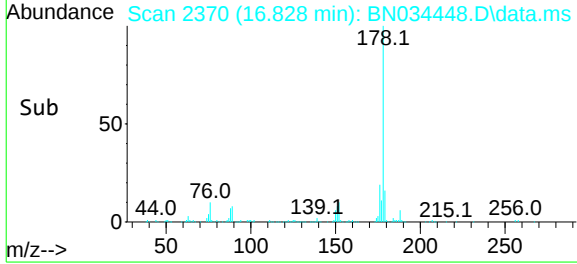
Instrument : BNA_N
ClientSampleId : A4EZ1



Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.9	17.9
176	19.3	15.2	22.8

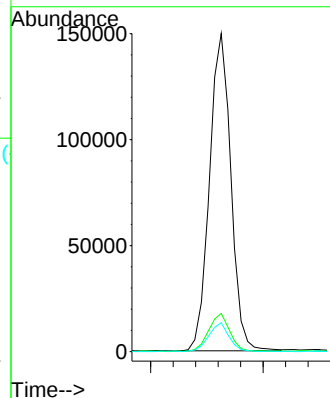
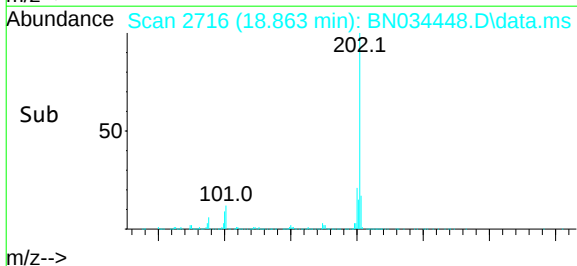
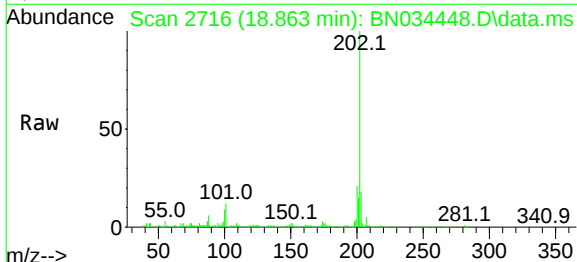
Manual Integrations
APPROVED

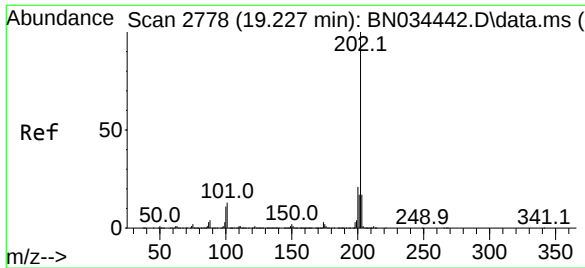
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024



#80
Fluoranthene
Concen: 3.200 ng/ul
RT: 18.863 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BN034448.D
Acq: 07 Oct 2024 21:32

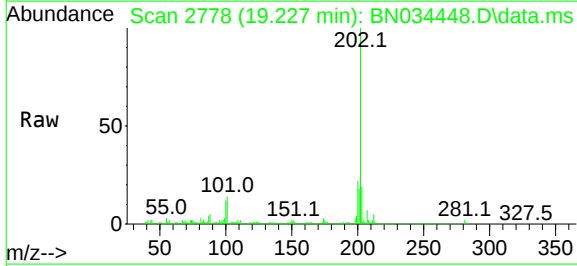
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
100	9.1	7.7	11.5





#82
 Pyrene
 Concen: 2.816 ng/u1
 RT: 19.227 min Scan# 2778
 Delta R.T. -0.012 min
 Lab File: BN034448.D
 Acq: 07 Oct 2024 21:32

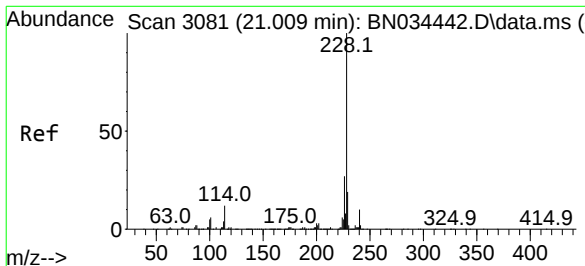
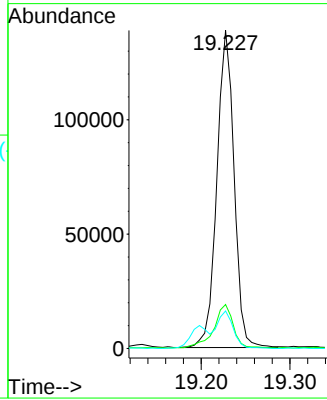
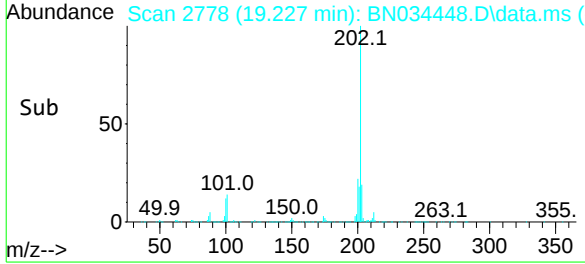
Instrument : BNA_N
 ClientSampleId : A4EZ1



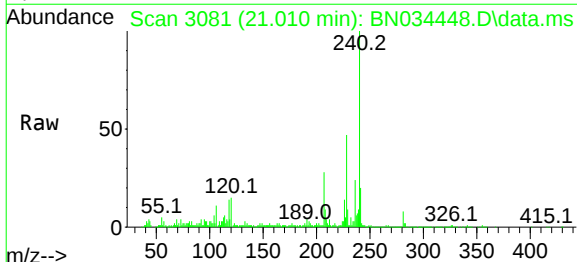
Tgt Ion:	202	Resp:	187242
Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.8	17.8
100	11.8	10.0	15.0

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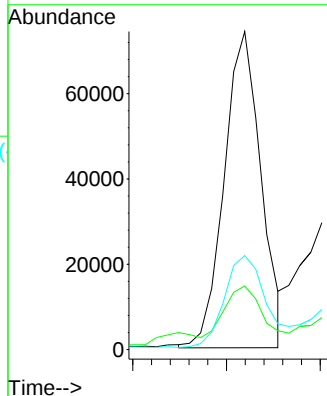
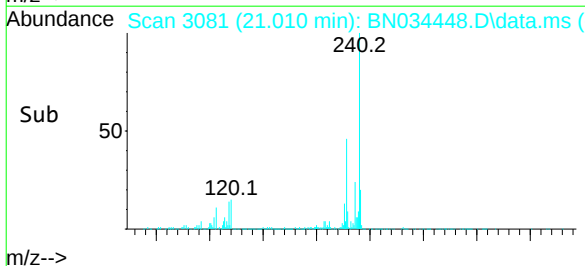
Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024

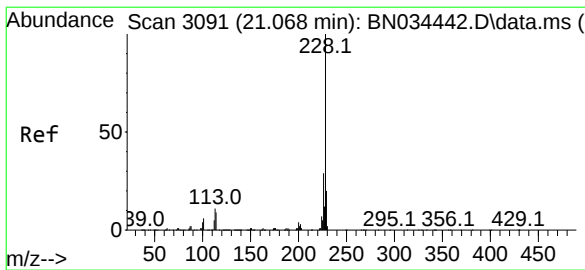


#85
 Benzo(a)anthracene
 Concen: 1.494 ng/u1
 RT: 21.010 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BN034448.D
 Acq: 07 Oct 2024 21:32



Tgt Ion:	228	Resp:	101163
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.0	22.6
226	29.6	20.2	30.4





#87

Chrysene

Concen: 1.737 ng/u1

RT: 21.063 min Scan# 30

Delta R.T. -0.012 min

Lab File: BN034448.D

Acq: 07 Oct 2024 21:32

Instrument :

BNA_N

ClientSampleId :

A4EZ1

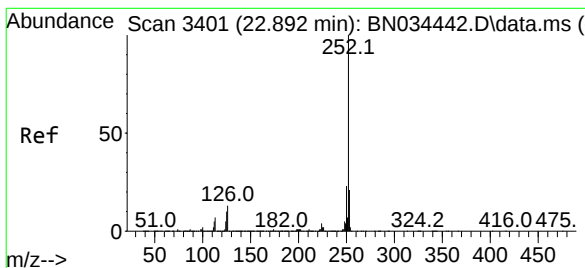
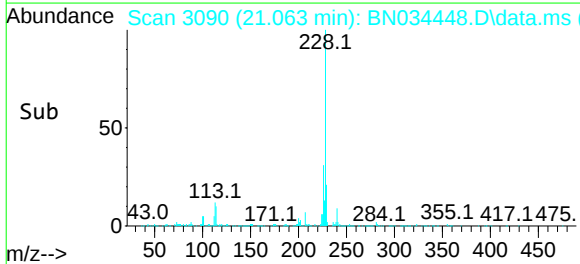
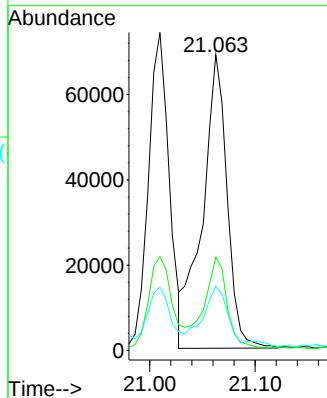
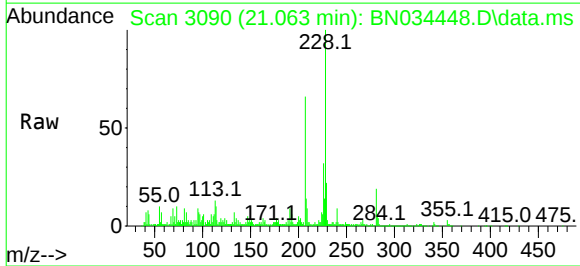
Tgt Ion:	228	Resp:	112248
Ion Ratio	Lower	Upper	
228	100		
226	31.5	22.5	33.7
229	21.7	15.8	23.6

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 1.966 ng/u1

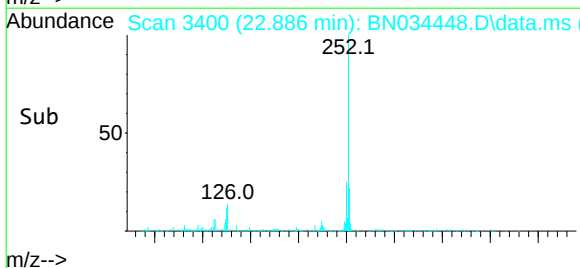
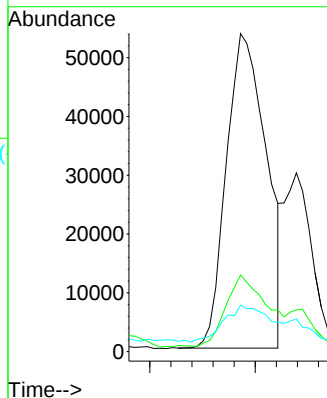
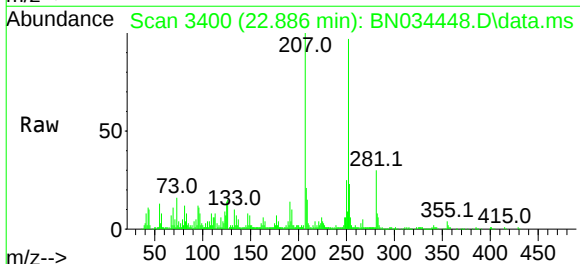
RT: 22.886 min Scan# 3400

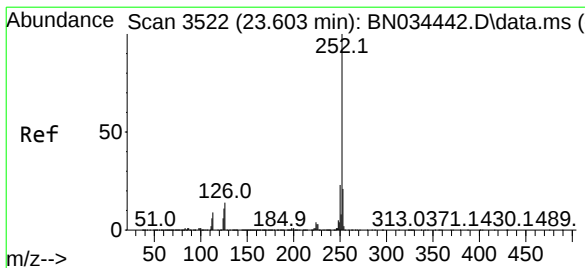
Delta R.T. -0.006 min

Lab File: BN034448.D

Acq: 07 Oct 2024 21:32

Tgt Ion:	252	Resp:	141118
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.6
125	14.6	9.1	13.7#





#93

Benzo(a)pyrene

Concen: 1.579 ng/ul

RT: 23.604 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BN034448.D

Acq: 07 Oct 2024 21:32

Instrument :

BNA_N

ClientSampleId :

A4EZ1

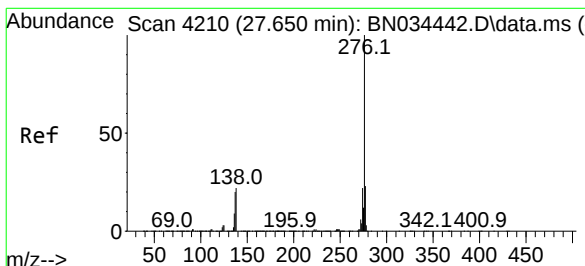
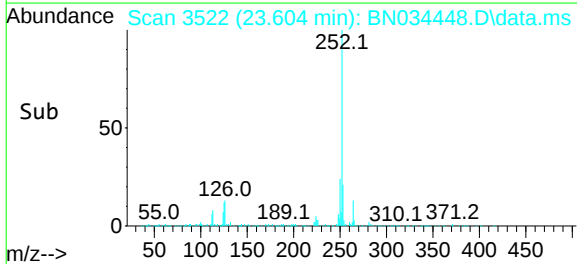
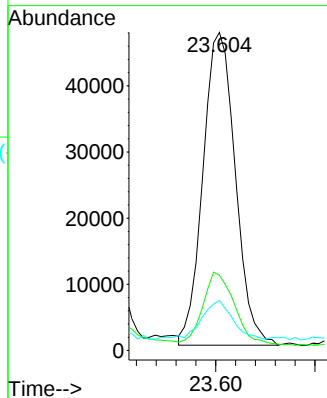
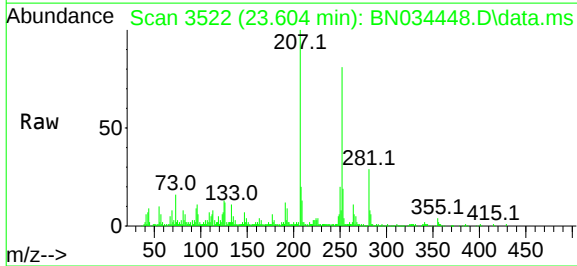
Tgt Ion:	252	Resp:	107086
Ion Ratio	Lower	Upper	
252	100		
253	23.6	15.8	23.8
125	15.7	9.0	13.6

Manual Integrations

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Supervised By :mohammad ahmed 10/09/2024



#96

Benzo(g,h,i)perylene

Concen: 1.231 ng/ul m

RT: 27.651 min Scan# 4210

Delta R.T. -0.012 min

Lab File: BN034448.D

Acq: 07 Oct 2024 21:32

Tgt Ion:	276	Resp:	80282
Ion Ratio	Lower	Upper	
276	100		
138	22.9	19.0	28.4
277	21.4	18.0	27.0

