

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031865.D
 Acq On : 08 Jun 2024 19:08
 Operator : MA/JU
 Sample : P2647-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5T7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 05:01:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	399967	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1737165	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1038910	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1866221	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1227826	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1435590	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	46659	4.826	ng/uL	-0.01
4) Pyridine-d5	3.587	84	529560	19.458	ng/u1	-0.01
7) Phenol-d5	6.852	99	1102475	32.153	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	576143	28.726	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	878843	33.591	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	888807	31.800	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	452053	34.034	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	492706	35.910	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	832633	32.506	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	1100840	28.946	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	2328757	32.176	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	2832869	34.040	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	409610	28.266	ng/u1	0.00
60) Fluorene-d10	15.310	176	1987662	32.457	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	198689	21.181	ng/u1	0.00
73) Anthracene-d10	17.163	188	2564840	32.102	ng/u1	0.00
81) Pyrene-d10	19.463	212	2478259	37.719	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2277244	33.220	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.127	202	160624	2.046	ng/u1	99
82) Pyrene	19.492	202	147959	1.837	ng/u1	97
85) Benzo(a)anthracene	21.286	228	97480	1.186	ng/u1	98
87) Chrysene	21.345	228	100356m	1.307	ng/u1	
90) Benzo(b)fluoranthene	23.316	252	146769	1.710	ng/u1#	93
93) Benzo(a)pyrene	24.104	252	82205	1.023	ng/u1#	88

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

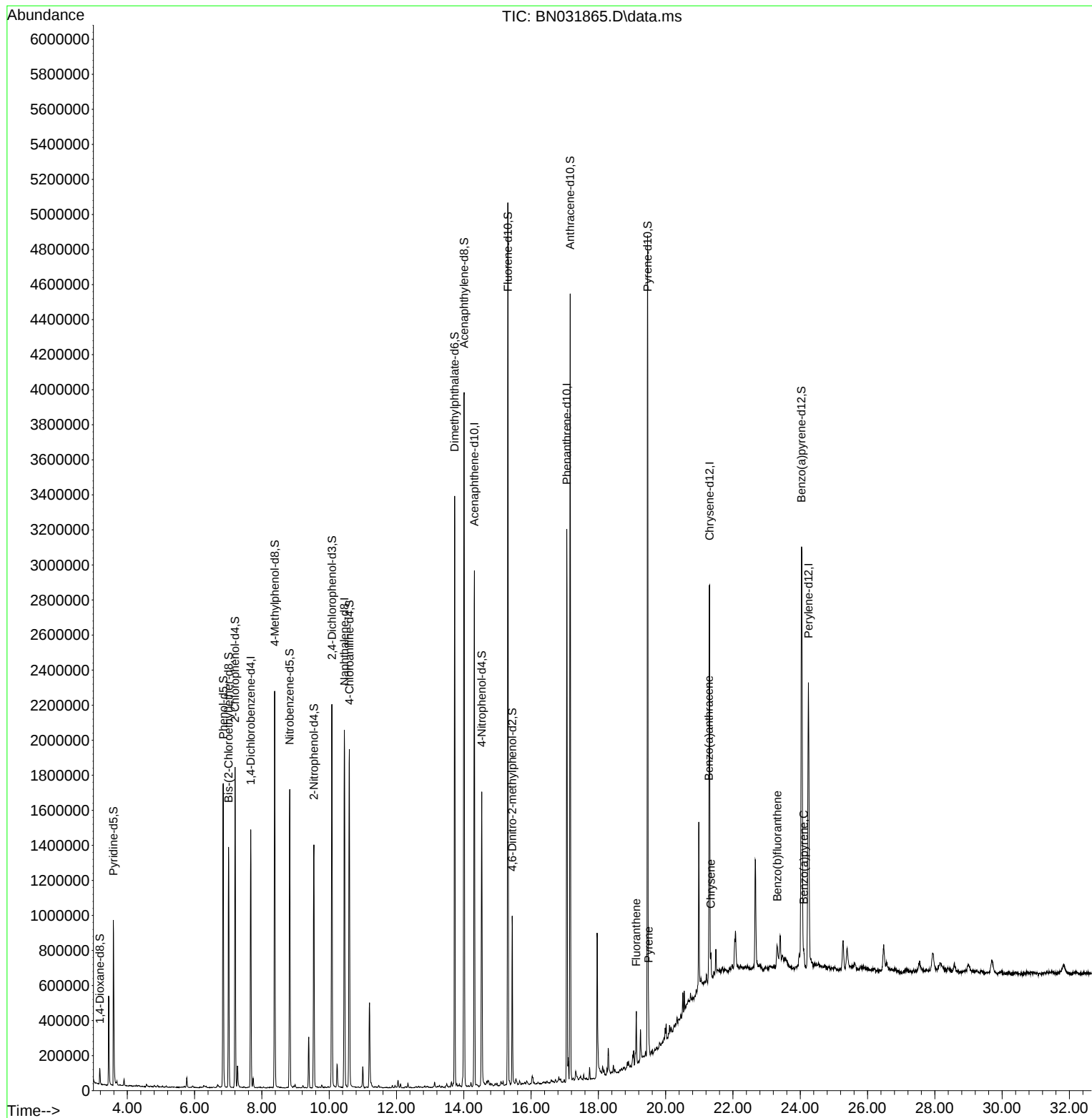
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
Data File : BN031865.D
Acq On : 08 Jun 2024 19:08
Operator : MA/JU
Sample : P2647-06
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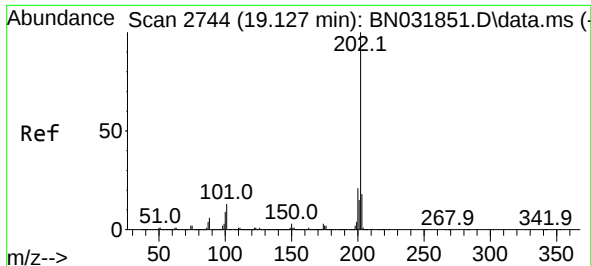
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jun 10 05:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

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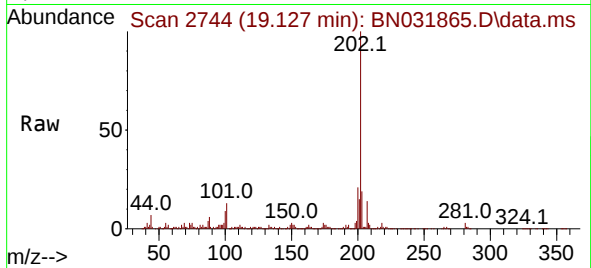
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024





#80
Fluoranthene
Concen: 2.046 ng/u1
RT: 19.127 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031865.D
Acq: 08 Jun 2024 19:08

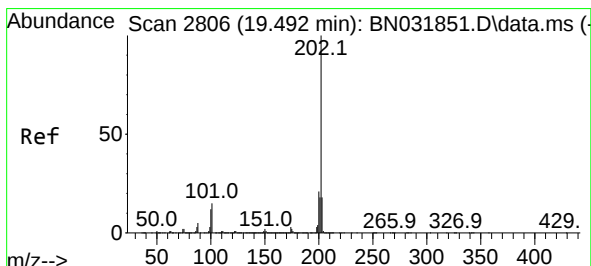
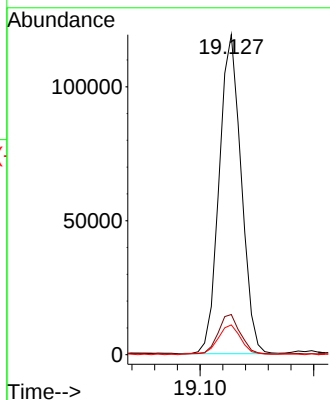
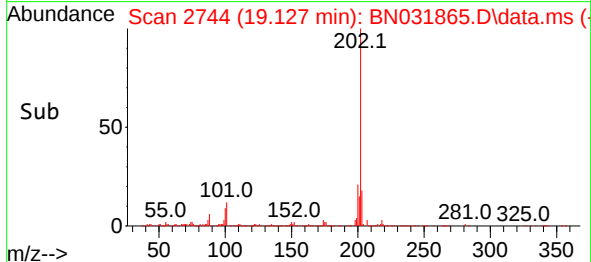
Instrument :
BNA_N
ClientSampleId :
BH5T7



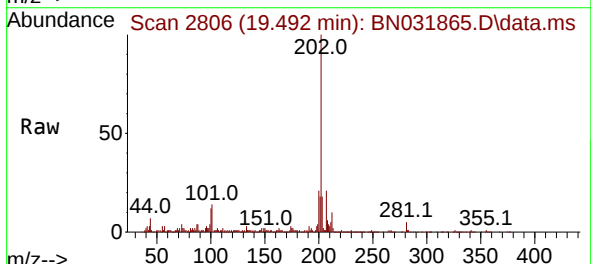
Tgt Ion:202 Resp: 160624
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.3 8.0 12.0

Manual Integrations
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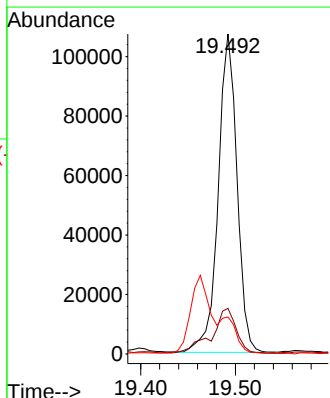
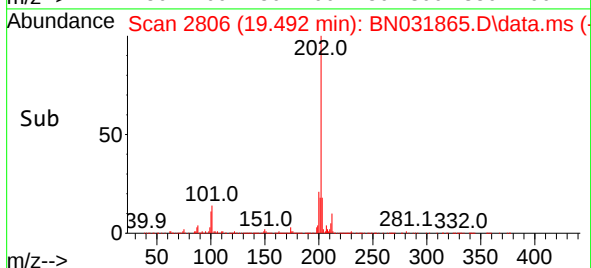
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

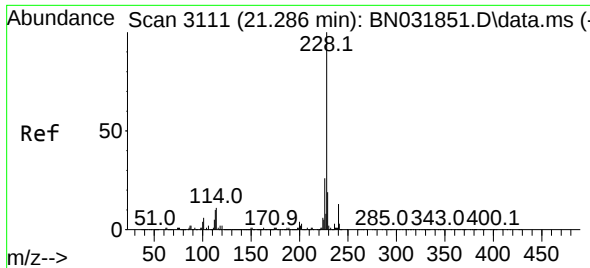


#82
Pyrene
Concen: 1.837 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031865.D
Acq: 08 Jun 2024 19:08



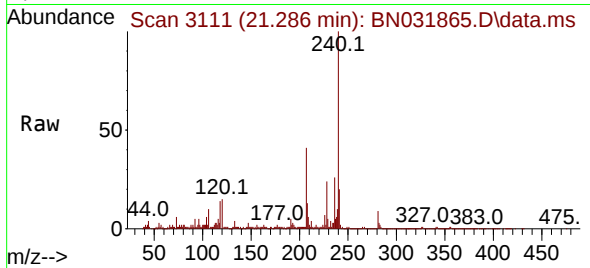
Tgt Ion:202 Resp: 147959
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.6 10.2 15.2





#85
Benzo(a)anthracene
Concen: 1.186 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031865.D
Acq: 08 Jun 2024 19:08

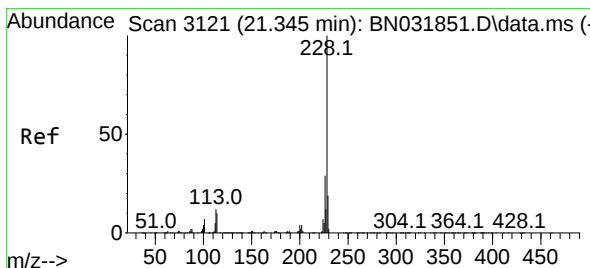
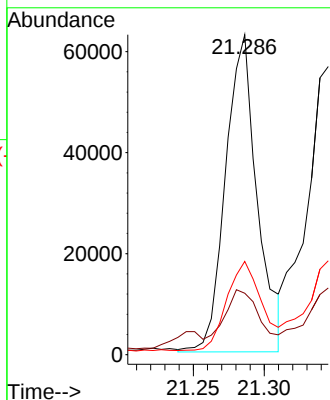
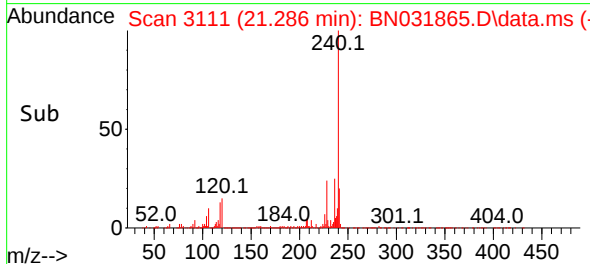
Instrument :
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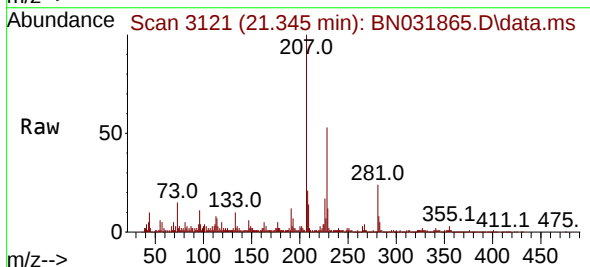
Tgt Ion:228 Resp: 97480
Ion Ratio Lower Upper
228 100
229 19.2 16.7 25.1
226 29.1 22.8 34.2

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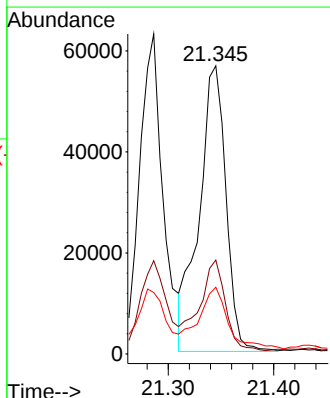
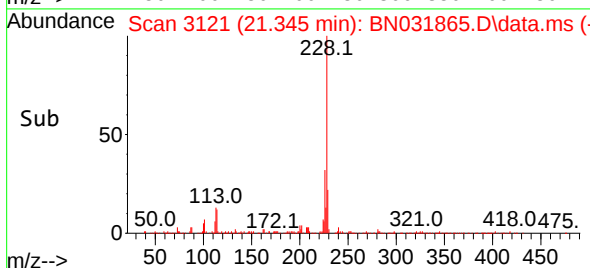
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

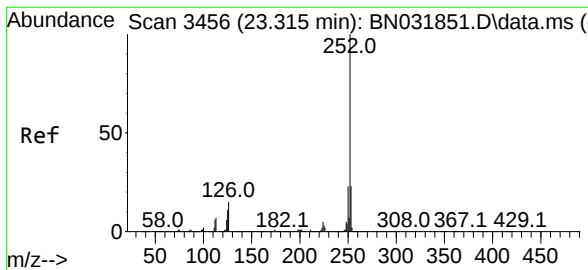


#87
Chrysene
Concen: 1.307 ng/ul m
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031865.D
Acq: 08 Jun 2024 19:08



Tgt Ion:228 Resp: 100356
Ion Ratio Lower Upper
228 100
226 32.6 23.7 35.5
229 23.2 15.1 22.7#





#90

Benzo(b)fluoranthene

Concen: 1.710 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031865.D

Acq: 08 Jun 2024 19:08

Instrument :

BNA_N

ClientSampleId :

BH5T7

Tgt Ion:252 Resp: 146769

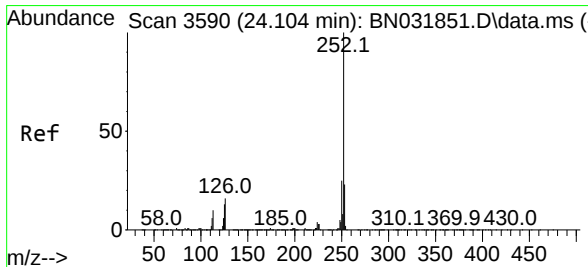
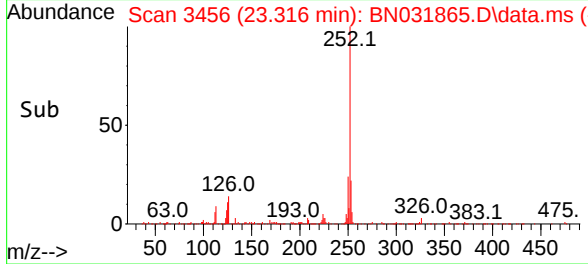
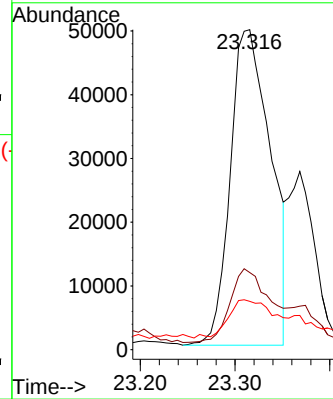
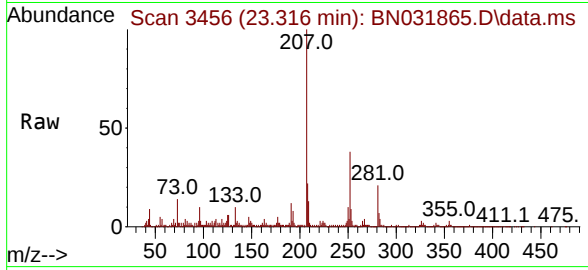
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	15.1	9.2	13.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/10/2024



#93

Benzo(a)pyrene

Concen: 1.023 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. -0.000 min

Lab File: BN031865.D

Acq: 08 Jun 2024 19:08

Tgt Ion:252 Resp: 82205

Ion	Ratio	Lower	Upper
252	100		
253	25.9	16.6	24.8#
125	17.7	9.8	14.8#

