

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031638.D
 Acq On : 23 May 2024 18:54
 Operator : MA/JU
 Sample : P2547-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Q2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 23:29:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	445479	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1770389	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	918118	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1622484	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1384777	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1679744	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	39434	3.509	ng/uL	0.00
4) Pyridine-d5	3.605	84	555395	17.708	ng/u1	0.00
7) Phenol-d5	6.858	99	724967	19.769	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	441456	20.071	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	572724	20.268	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	514475	18.122	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	257986	19.254	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	232782	18.194	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	468958	18.746	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	690787	19.156	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1191076	20.585	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1499805	20.682	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	161714	14.772	ng/u1	0.00
60) Fluorene-d10	15.322	176	1012310	20.189	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	81222	11.579	ng/u1	0.00
73) Anthracene-d10	17.169	188	1445883	21.051	ng/u1	0.00
81) Pyrene-d10	19.463	212	1605519	18.484	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	1733208	21.921	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	172333	2.093	ng/u1	98
80) Fluoranthene	19.128	202	412386	3.841	ng/u1	98
82) Pyrene	19.492	202	437855	3.977	ng/u1	97
85) Benzo(a)anthracene	21.280	228	233048	2.503	ng/u1	93
87) Chrysene	21.339	228	263060	3.058	ng/u1	97
90) Benzo(b)fluoranthene	23.304	252	357965	3.652	ng/u1	96
91) Benzo(k)fluoranthene	23.363	252	128385m	1.285	ng/u1	
93) Benzo(a)pyrene	24.092	252	259239	2.753	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.527	276	183769	1.626	ng/u1	96
96) Benzo(g,h,i)perylene	28.545	276	183332	1.964	ng/u1#	92

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

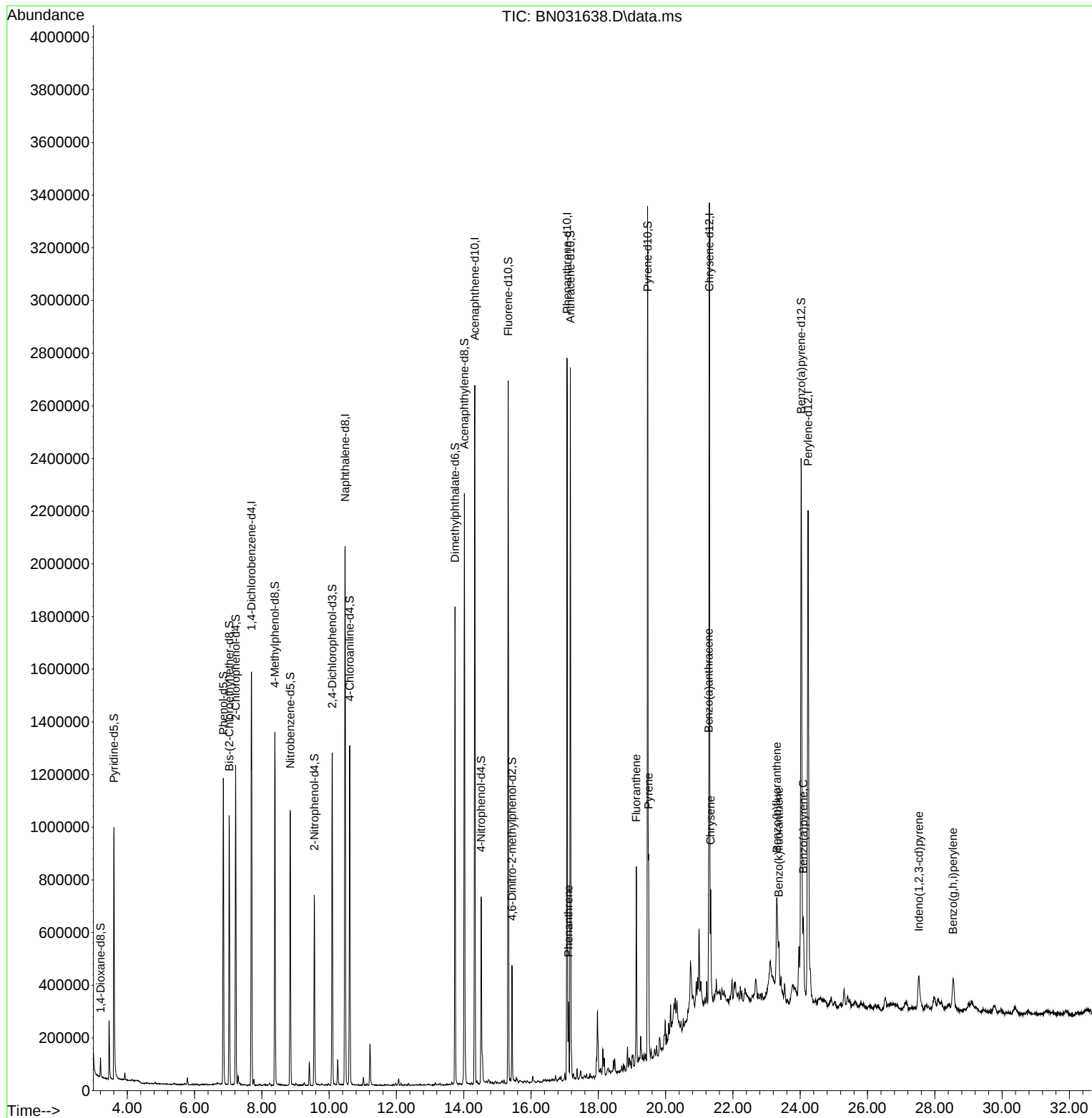
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031638.D
Acq On : 23 May 2024 18:54
Operator : MA/JU
Sample : P2547-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

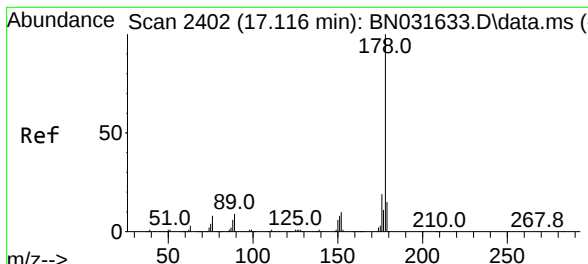
Instrument :
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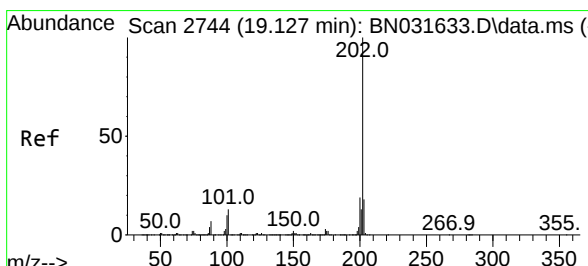
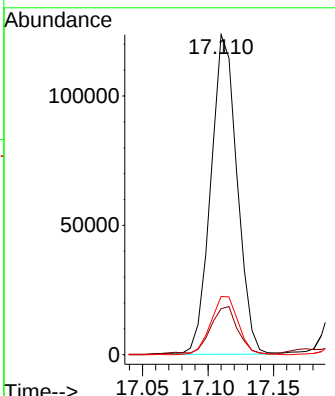
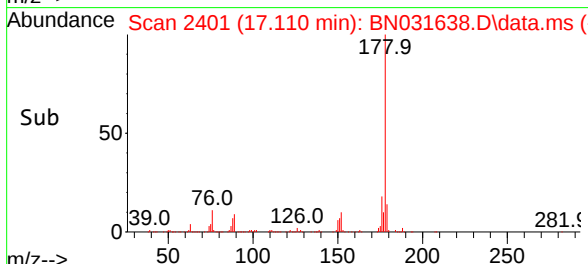
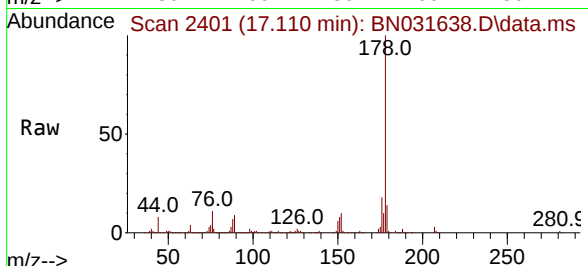
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 Phenanthrene
 Concen: 2.093 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031638.D
 Acq: 23 May 2024 18:54

Instrument : BNA_N
 ClientSampleId : BH5Q2

Tgt Ion:	178	Resp:	17233
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.6	18.8
176	18.2	15.2	22.8

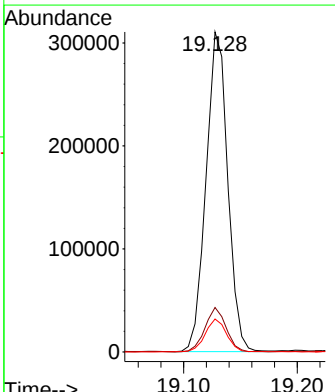
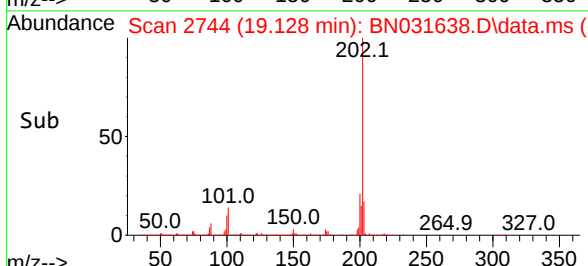
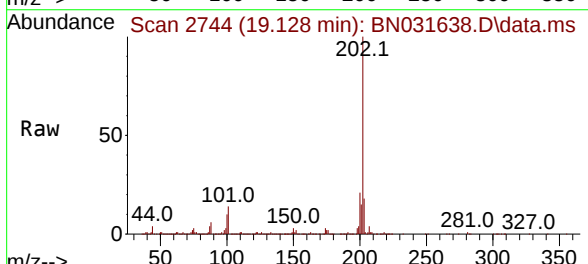
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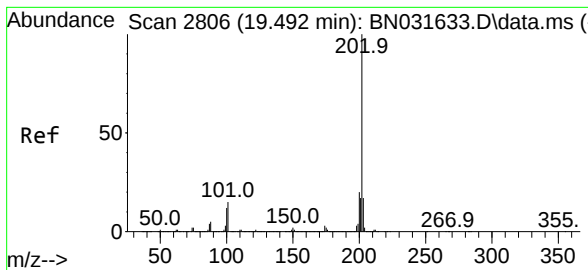
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024



#80
 Fluoranthene
 Concen: 3.841 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031638.D
 Acq: 23 May 2024 18:54

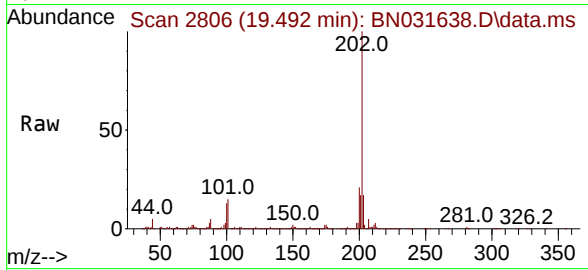
Tgt Ion:	202	Resp:	412386
Ion Ratio	Lower	Upper	
202	100		
101	13.9	10.1	15.1
100	10.3	8.0	12.0





#82
 Pyrene
 Concen: 3.977 ng/ul
 RT: 19.492 min Scan# 2110
 Delta R.T. -0.006 min
 Lab File: BN031638.D
 Acq: 23 May 2024 18:54

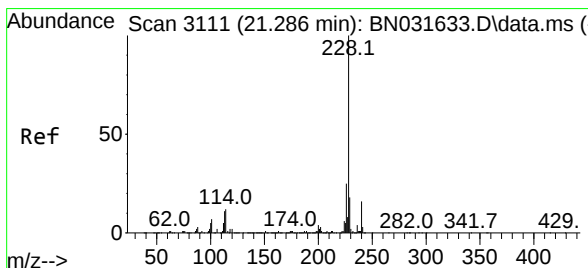
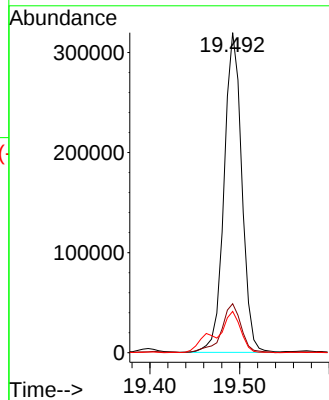
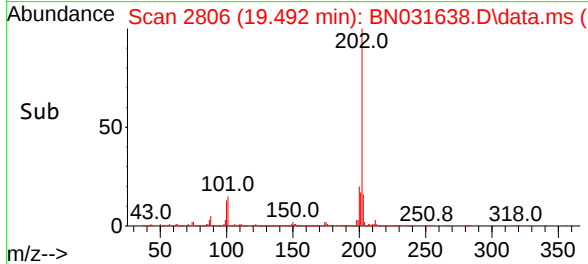
Instrument :
 BNA_N
 ClientSampleId :
 BH5Q2



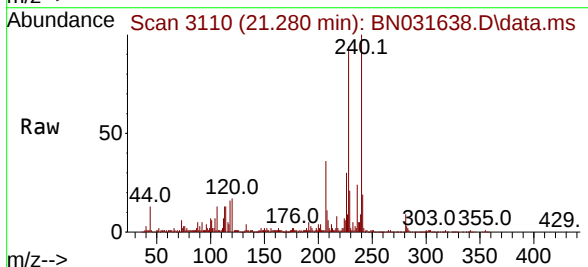
Tgt Ion:202 Resp: 43785
 Ion Ratio Lower Upper
 202 100
 101 15.3 11.4 17.2
 100 12.9 9.3 13.9

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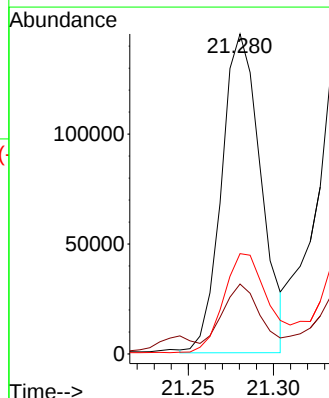
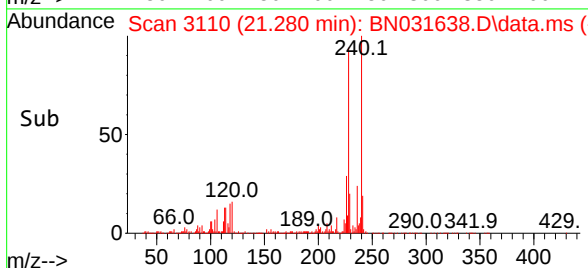
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

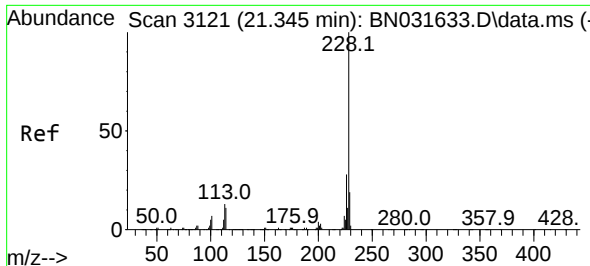


#85
 Benzo(a)anthracene
 Concen: 2.503 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031638.D
 Acq: 23 May 2024 18:54



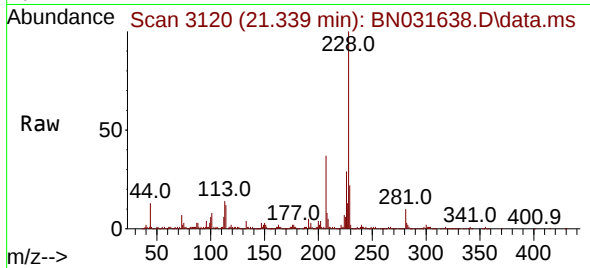
Tgt Ion:228 Resp: 233048
 Ion Ratio Lower Upper
 228 100
 229 21.9 15.7 23.5
 226 31.4 21.9 32.9





#87
Chrysene
Concen: 3.058 ng/ul
RT: 21.339 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031638.D
Acq: 23 May 2024 18:54

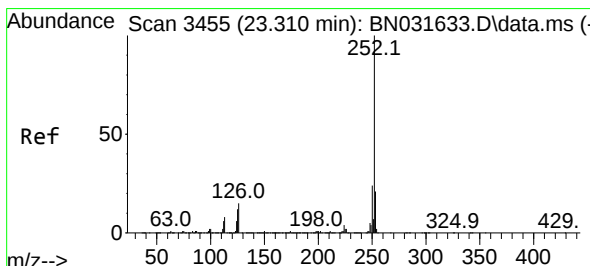
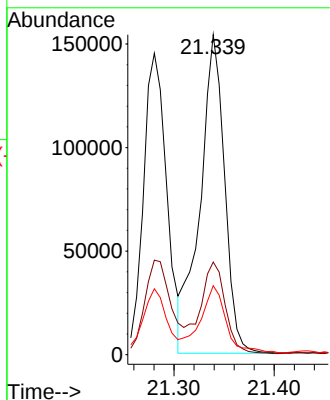
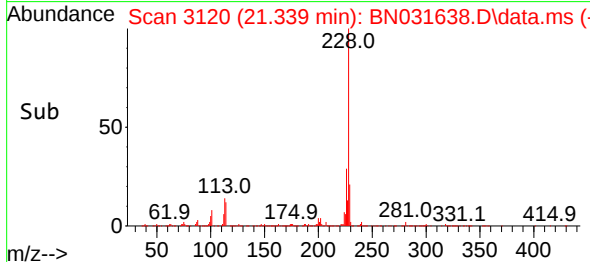
Instrument :
BNA_N
ClientSampleId :
BH5Q2



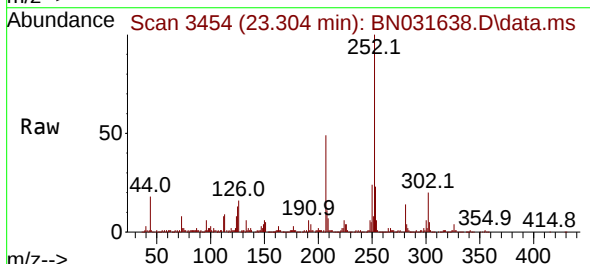
Tgt Ion:228 Resp: 263060
Ion Ratio Lower Upper
228 100
226 29.0 22.9 34.3
229 21.6 15.2 22.8

Manual Integrations
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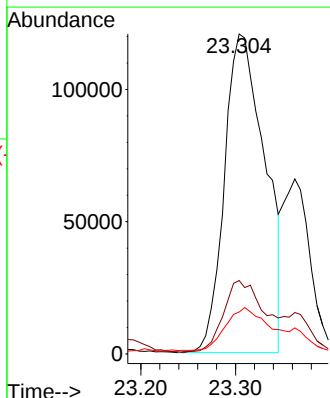
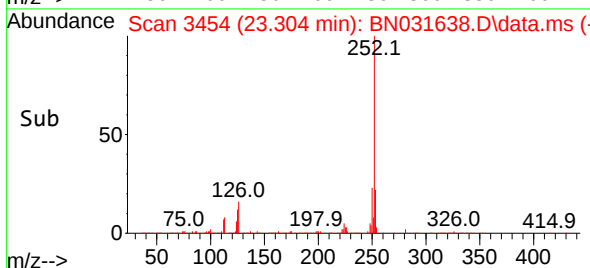
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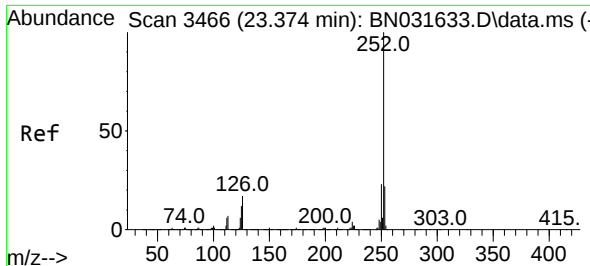


#90
Benzo(b)fluoranthene
Concen: 3.652 ng/ul
RT: 23.304 min Scan# 3454
Delta R.T. -0.006 min
Lab File: BN031638.D
Acq: 23 May 2024 18:54



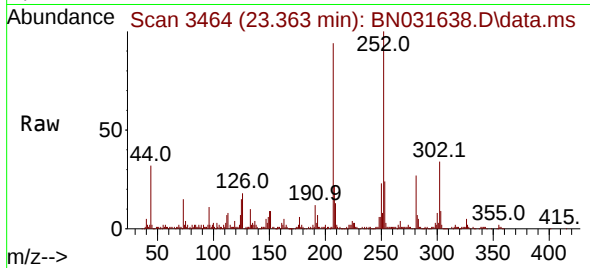
Tgt Ion:252 Resp: 357965
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 13.1 9.3 13.9





#91
Benzo(k)fluoranthene
Concen: 1.285 ng/ul m
RT: 23.363 min Scan# 3466
Delta R.T. -0.006 min
Lab File: BN031638.D
Acq: 23 May 2024 18:54

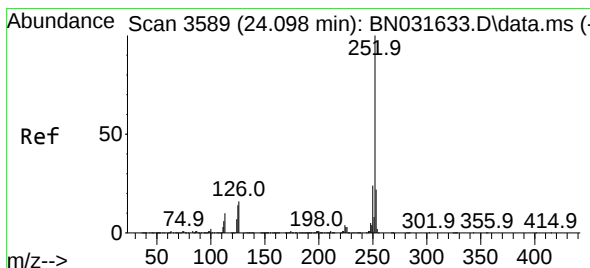
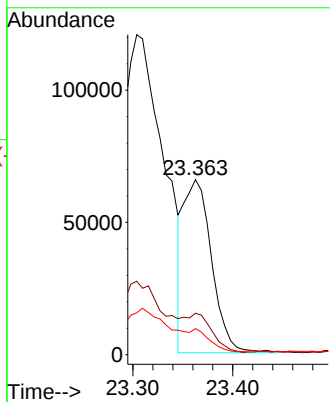
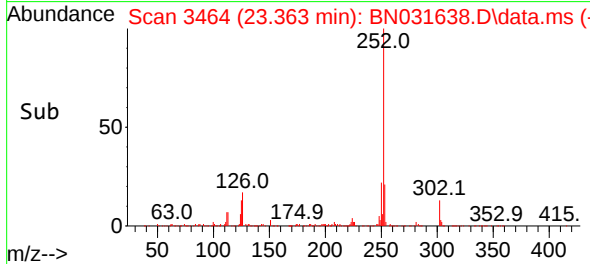
Instrument :
BNA_N
ClientSampleId :
BH5Q2



Tgt Ion:252 Resp: 128385
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 14.9 9.3 13.9

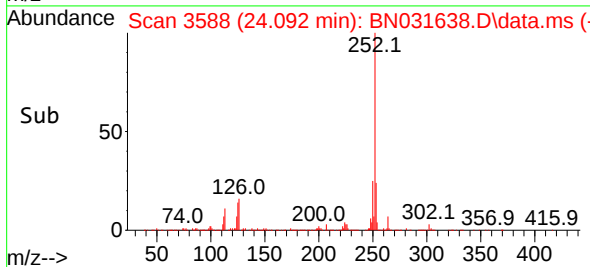
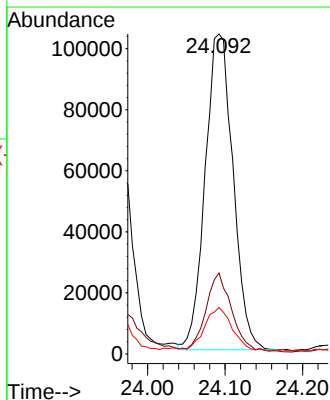
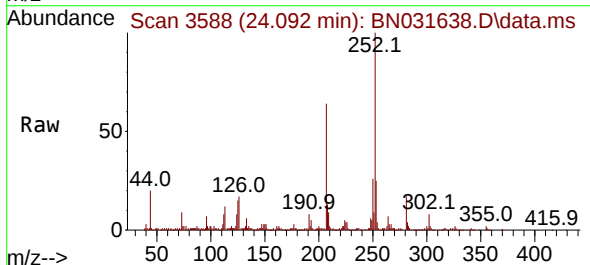
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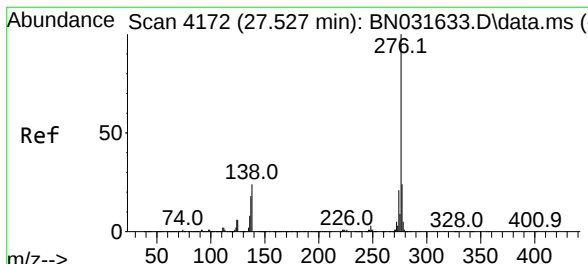
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#93
Benzo(a)pyrene
Concen: 2.753 ng/ul
RT: 24.092 min Scan# 3588
Delta R.T. -0.012 min
Lab File: BN031638.D
Acq: 23 May 2024 18:54

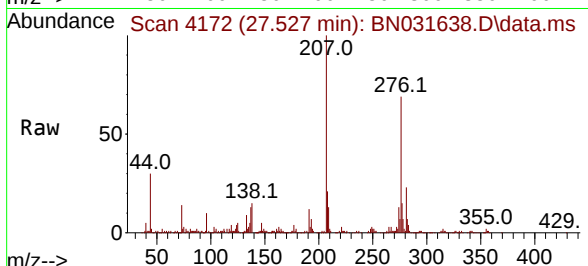
Tgt Ion:252 Resp: 259239
Ion Ratio Lower Upper
252 100
253 25.3 16.6 24.8#
125 14.5 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.626 ng/ul
RT: 27.527 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN031638.D
Acq: 23 May 2024 18:54

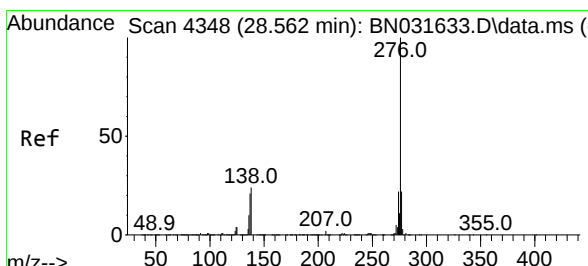
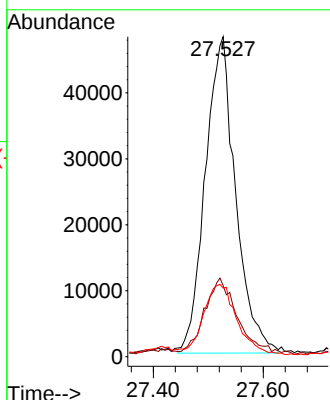
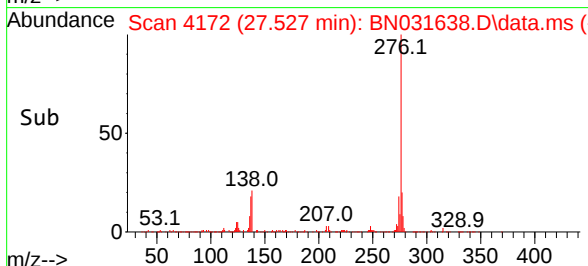
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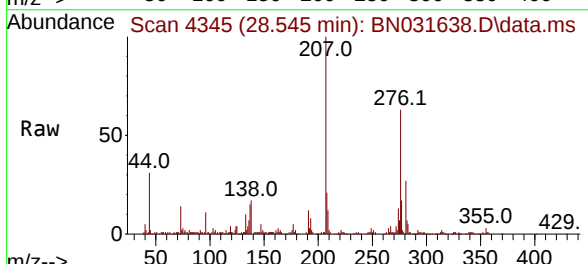
Tgt Ion:276 Resp: 183769
Ion Ratio Lower Upper
276 100
138 22.2 19.8 29.6
277 21.4 18.2 27.4

Manual Integrations
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Supervised By :mohammad ahmed 05/25/2024



#96
Benzo(g,h,i)perylene
Concen: 1.964 ng/ul
RT: 28.545 min Scan# 4345
Delta R.T. -0.012 min
Lab File: BN031638.D
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Tgt Ion:276 Resp: 183332
Ion Ratio Lower Upper
276 100
138 27.3 19.5 29.3
277 26.5 17.6 26.4#

