

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031989.D
 Acq On : 13 Jun 2024 22:51
 Operator : MA/JU
 Sample : P2695-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BJ4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 23:22:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	348454	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1530887	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	941363	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1754293	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1135477	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1263409	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	30561	3.628	ng/uL	0.00
4) Pyridine-d5	3.593	84	64295	2.712	ng/u1	0.01
7) Phenol-d5	6.834	99	720071	24.105	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	405934	23.232	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	585564	25.690	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	498342	20.465	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	305272	26.080	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	323168	26.727	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	561040	24.854	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	605909	18.079	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1793406	27.346	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	2028693	26.903	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	274915	20.937	ng/u1	0.00
60) Fluorene-d10	15.298	176	1462997	26.365	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	136401	15.469	ng/u1	0.00
73) Anthracene-d10	17.151	188	2066225	27.511	ng/u1	0.00
81) Pyrene-d10	19.451	212	1768203	29.100	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1119319	18.554	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.092	178	340052	3.805	ng/u1	99
80) Fluoranthene	19.116	202	577302	7.950	ng/u1	98
82) Pyrene	19.480	202	418503	5.617	ng/u1	98
85) Benzo(a)anthracene	21.268	228	220764	2.905	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.192	149	110777	2.160	ng/u1	99
87) Chrysene	21.327	228	233060m	3.283	ng/u1	
90) Benzo(b)fluoranthene	23.292	252	280086	3.709	ng/u1#	94
91) Benzo(k)fluoranthene	23.345	252	112176m	1.514	ng/u1	
93) Benzo(a)pyrene	24.080	252	117921	1.667	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.515	276	102962m	1.263	ng/u1	

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

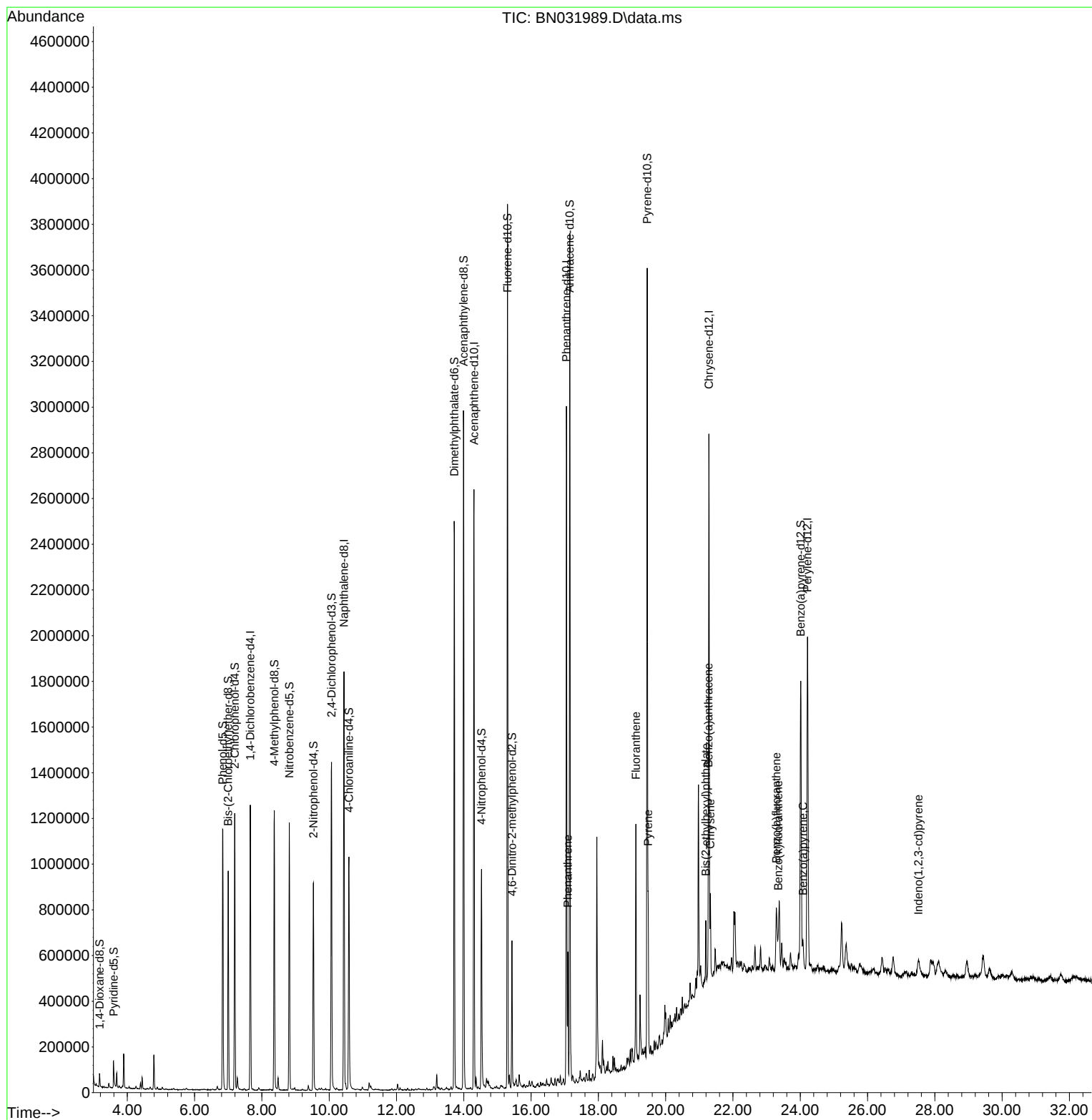
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031989.D
 Acq On : 13 Jun 2024 22:51
 Operator : MA/JU
 Sample : P2695-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

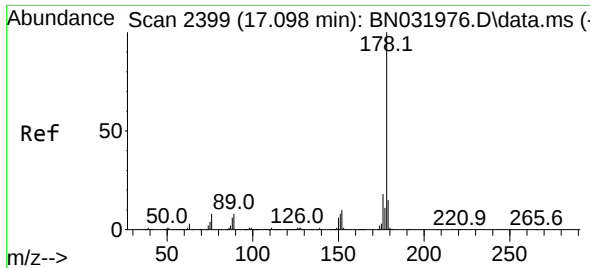
Instrument :
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 Supervised By :mohammad ahmed 06/14/2024

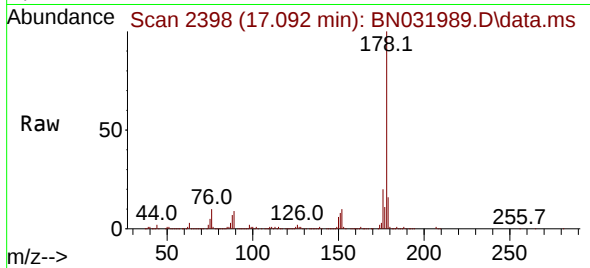
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 3.805 ng/u1
RT: 17.092 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN031989.D
Acq: 13 Jun 2024 22:51

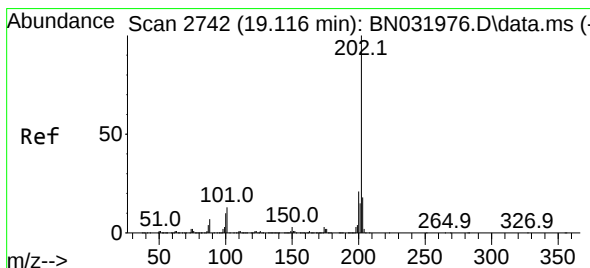
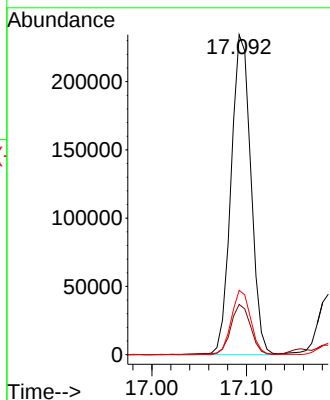
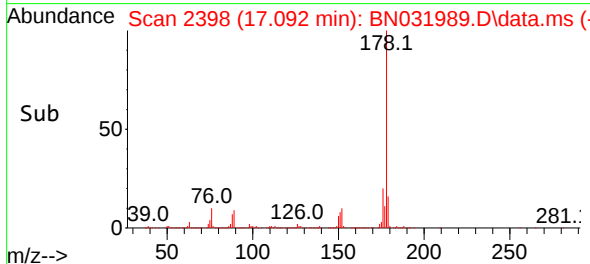
Instrument :
BNA_N
ClientSampleId :
A4BJ4



Tgt Ion:178 Resp: 340052
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 20.1 15.8 23.6

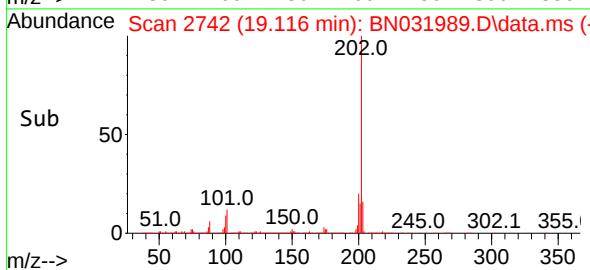
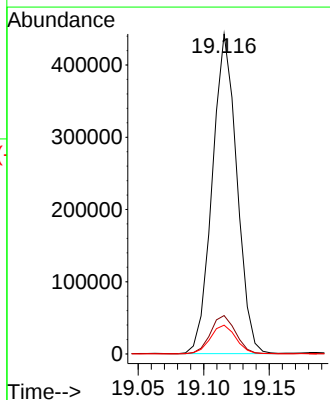
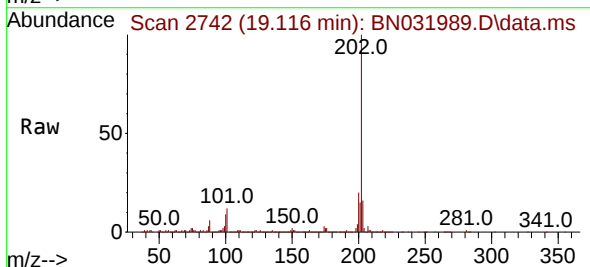
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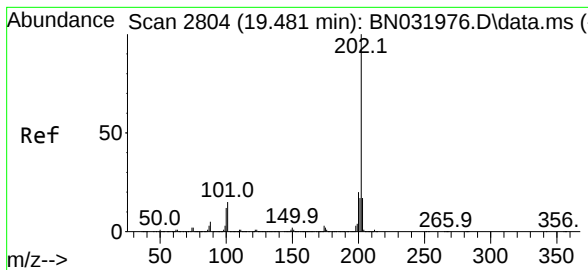
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#80
Fluoranthene
Concen: 7.950 ng/u1
RT: 19.116 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BN031989.D
Acq: 13 Jun 2024 22:51

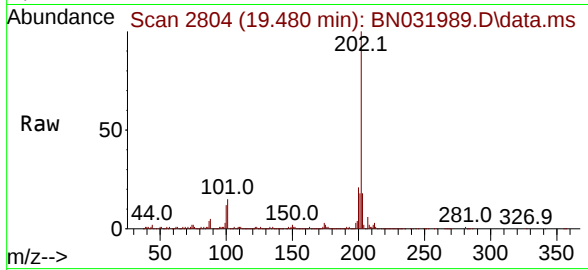
Tgt Ion:202 Resp: 577302
Ion Ratio Lower Upper
202 100
101 12.0 10.3 15.5
100 9.0 8.0 12.0





#82
Pyrene
Concen: 5.617 ng/ul
RT: 19.480 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN031989.D
Acq: 13 Jun 2024 22:51

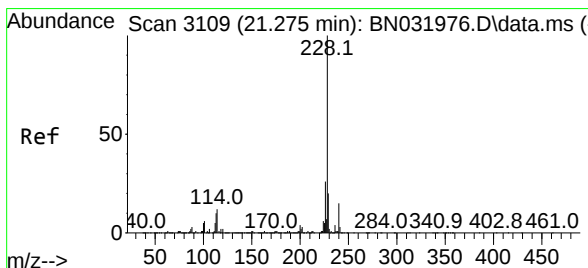
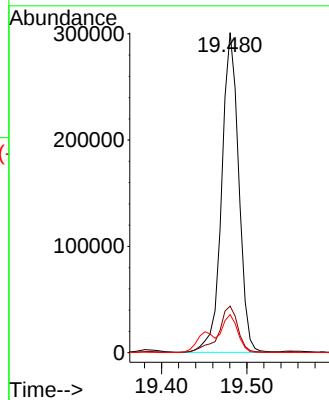
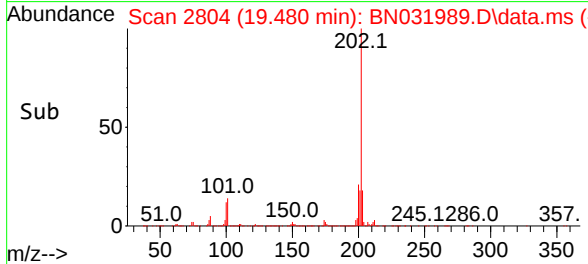
Instrument :
BNA_N
ClientSampleId :
A4BJ4



Tgt Ion:202 Resp: 418500
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.9 10.2 15.2

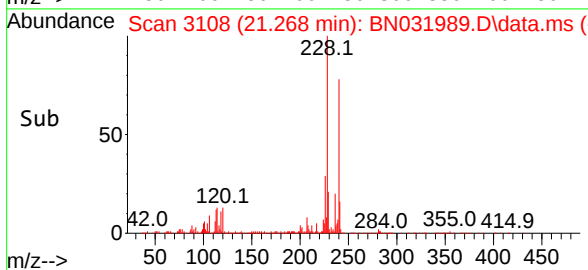
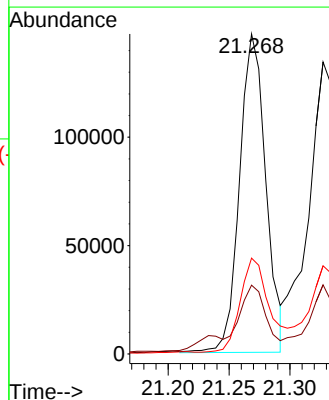
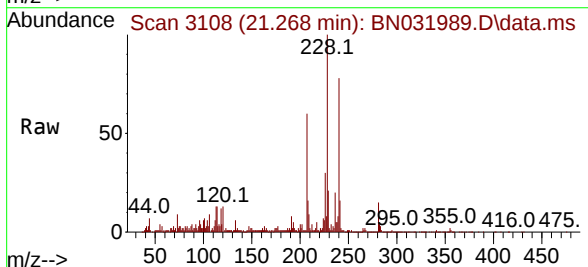
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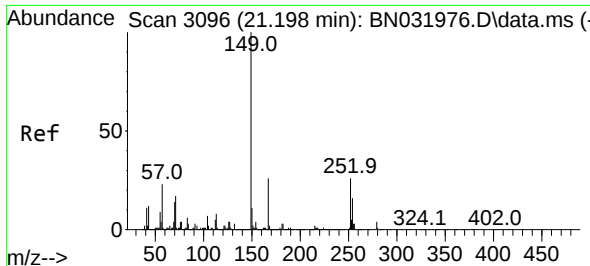
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#85
Benzo(a)anthracene
Concen: 2.905 ng/ul
RT: 21.268 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN031989.D
Acq: 13 Jun 2024 22:51

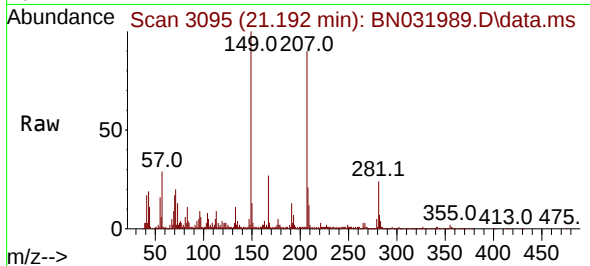
Tgt Ion:228 Resp: 220764
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 29.9 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.160 ng/ul
RT: 21.192 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BN031989.D
Acq: 13 Jun 2024 22:51

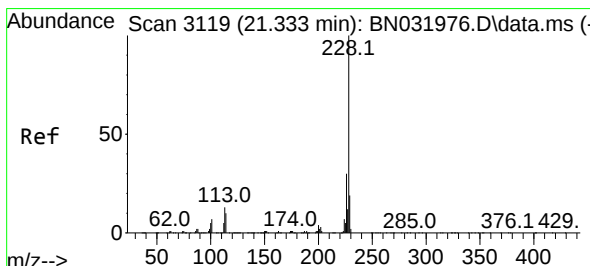
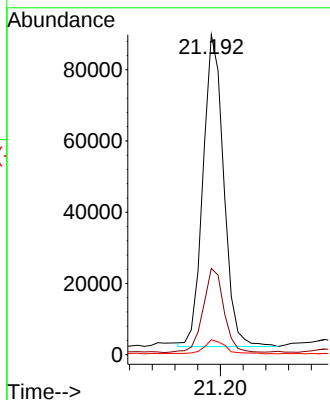
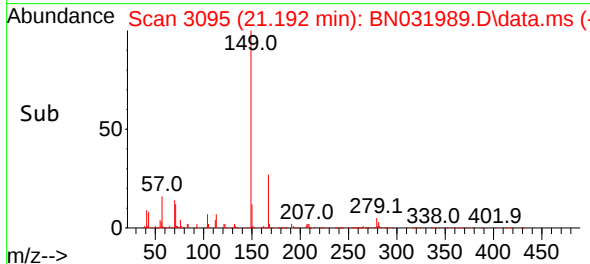
Instrument :
BNA_N
ClientSampleId :
A4BJ4



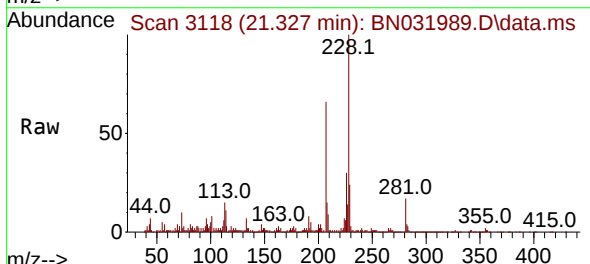
Tgt Ion:149 Resp: 11077
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 4.7 3.3 4.9

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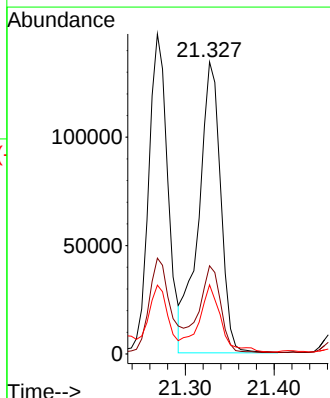
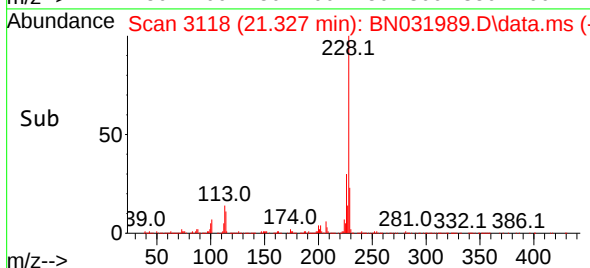
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

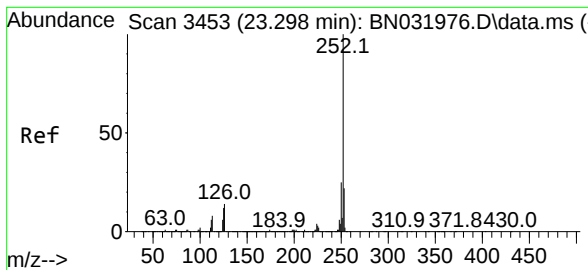


#87
Chrysene
Concen: 3.283 ng/ul m
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BN031989.D
Acq: 13 Jun 2024 22:51



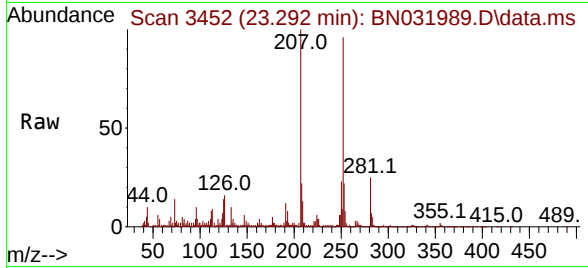
Tgt Ion:228 Resp: 233060
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 23.7 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 3.709 ng/ul
RT: 23.292 min Scan# 3453
Delta R.T. -0.000 min
Lab File: BN031989.D
Acq: 13 Jun 2024 22:51

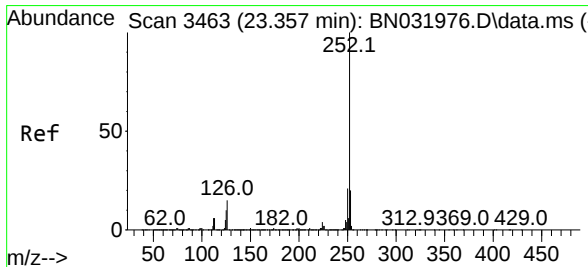
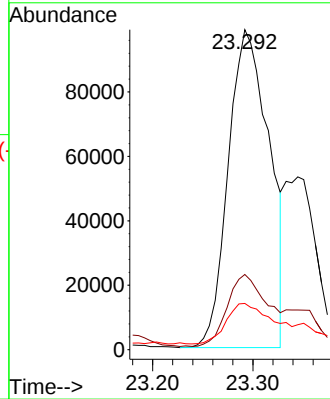
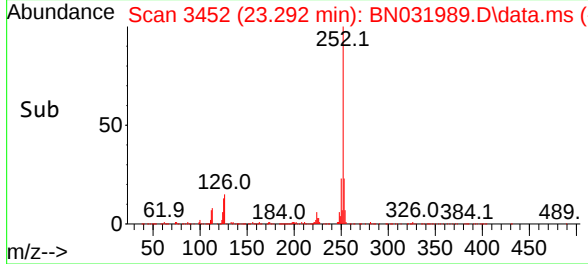
Instrument : BNA_N
ClientSampleId : A4BJ4



Tgt Ion:252 Resp: 280080
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 14.4 9.2 13.8

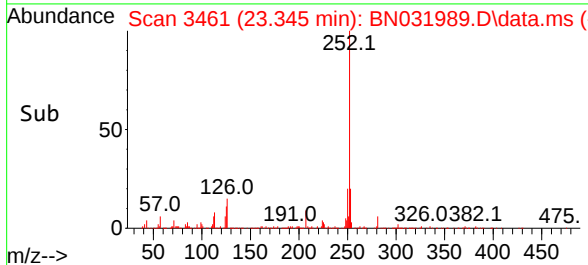
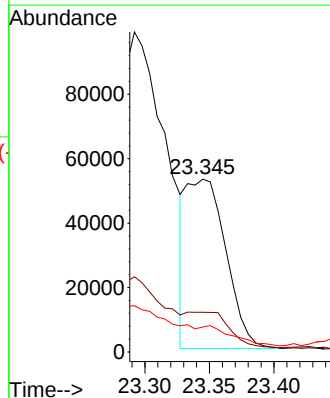
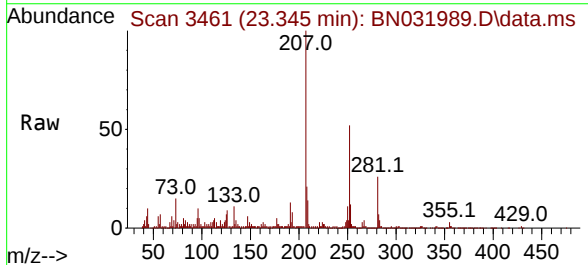
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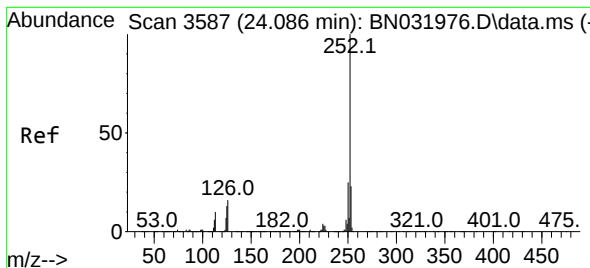
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#91
Benzo(k)fluoranthene
Concen: 1.514 ng/ul m
RT: 23.345 min Scan# 3461
Delta R.T. -0.006 min
Lab File: BN031989.D
Acq: 13 Jun 2024 22:51

Tgt Ion:252 Resp: 112176
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 14.4 9.4 14.2





#93

Benzo(a)pyrene

Concen: 1.667 ng/ul

RT: 24.080 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN031989.D

Acq: 13 Jun 2024 22:51

Instrument :

BNA_N

ClientSampleId :

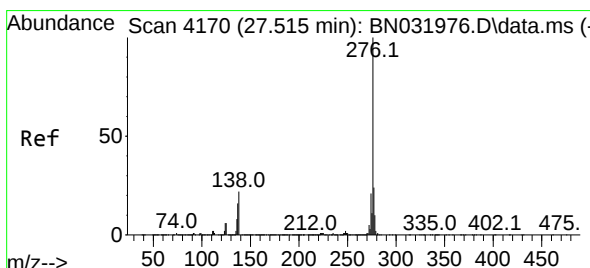
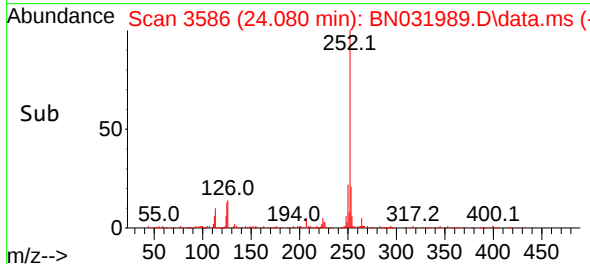
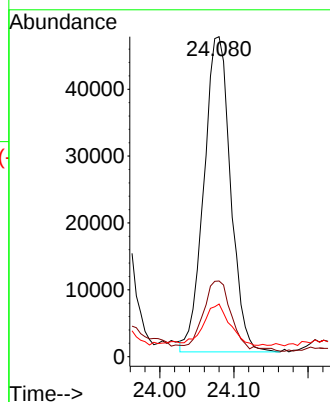
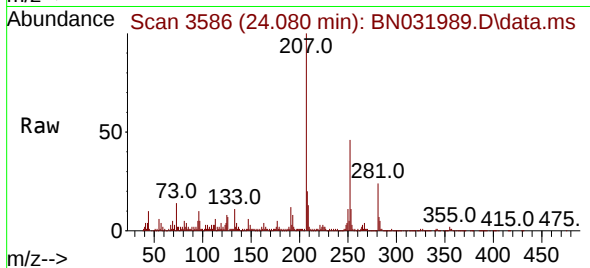
A4BJ4

Tgt Ion:	252	Resp:	11792
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.6	24.8
125	16.4	9.8	14.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.263 ng/ul m

RT: 27.515 min Scan# 4170

Delta R.T. -0.000 min

Lab File: BN031989.D

Acq: 13 Jun 2024 22:51

Tgt Ion:	276	Resp:	102962
Ion Ratio	Lower	Upper	
276	100		
138	24.9	18.1	27.1
277	24.1	18.2	27.2

