

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031988.D
 Acq On : 13 Jun 2024 22:12
 Operator : MA/JU
 Sample : P2695-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BJ2

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 23:17:19 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	7.658	152	329473	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1463378	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	924225	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1791145	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1143383	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1252654	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	35749	4.489	ng/uL	0.00
4) Pyridine-d5	3.587	84	126232	5.631	ng/u1	0.00
7) Phenol-d5	6.834	99	820483	29.049	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	464465	28.113	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	673897	31.269	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	621952	27.013	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	348141	31.115	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	374356	32.389	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	647412	30.004	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	767185	23.947	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2011344	31.238	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	2292784	30.969	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	336856	26.130	ng/u1	0.00
60) Fluorene-d10	15.298	176	1695094	31.115	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	168532	18.719	ng/u1	0.00
73) Anthracene-d10	17.151	188	2414490	31.487	ng/u1	0.00
81) Pyrene-d10	19.451	212	2127563	34.773	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1288312	21.538	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.092	178	205697	2.254	ng/u1	99
80) Fluoranthene	19.116	202	418969	5.730	ng/u1	99
82) Pyrene	19.480	202	286351	3.817	ng/u1	97
85) Benzo(a)anthracene	21.275	228	153997	2.012	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	143585	2.780	ng/u1	99
87) Chrysene	21.333	228	173701m	2.430	ng/u1	
90) Benzo(b)fluoranthene	23.292	252	212735	2.841	ng/u1	93
91) Benzo(k)fluoranthene	23.351	252	75436m	1.027	ng/u1	
93) Benzo(a)pyrene	24.080	252	77279	1.102	ng/u1#	86

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

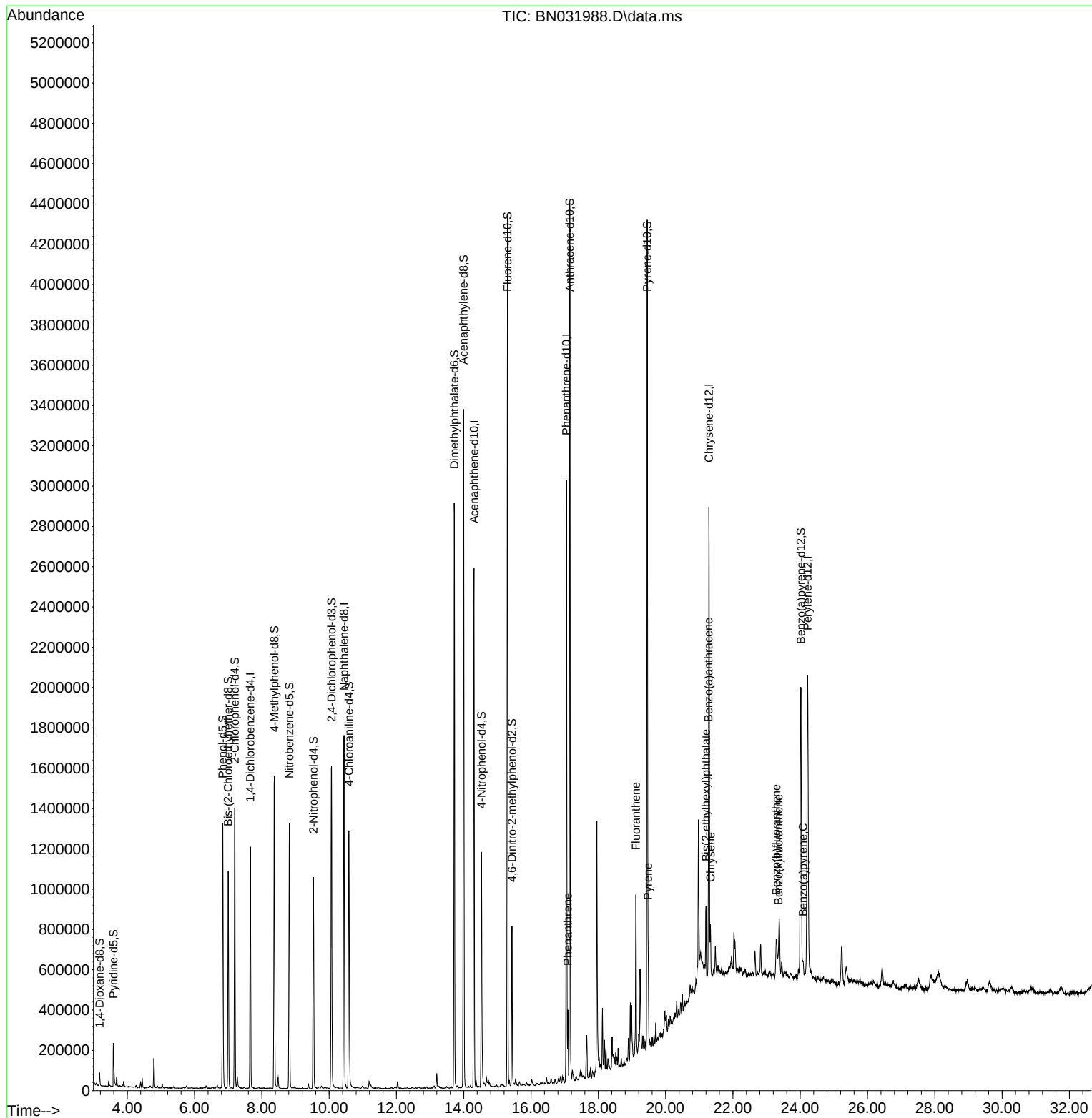
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031988.D
Acq On : 13 Jun 2024 22:12
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

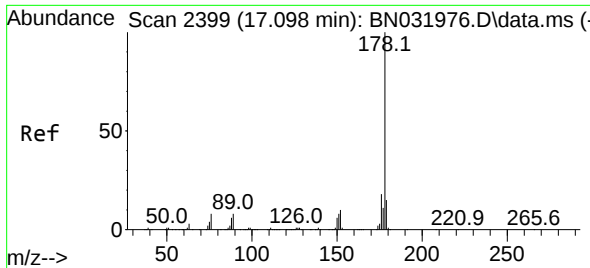
Instrument :
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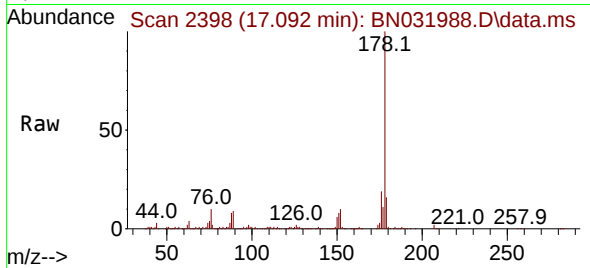
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.254 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031988.D
Acq: 13 Jun 2024 22:12

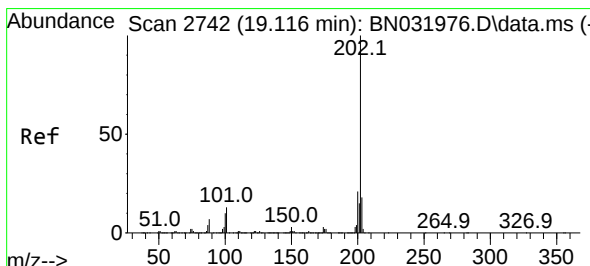
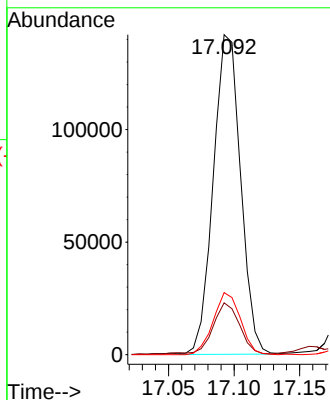
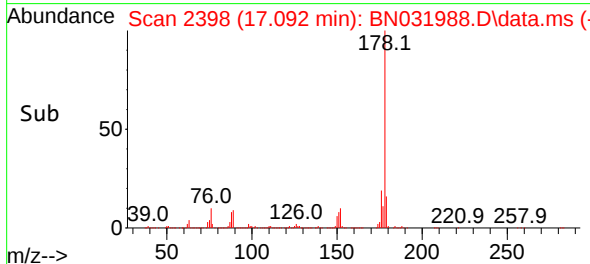
Instrument :
BNA_N
ClientSampleId :
A4BJ2



Tgt Ion:178 Resp: 205697
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.4 15.8 23.6

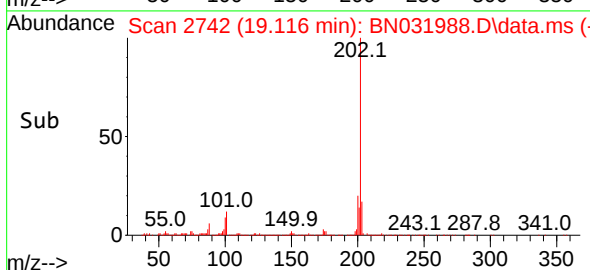
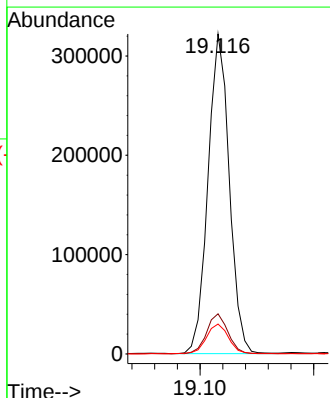
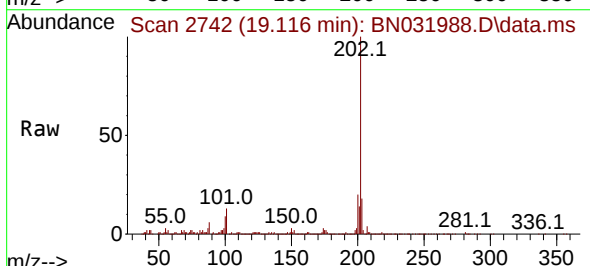
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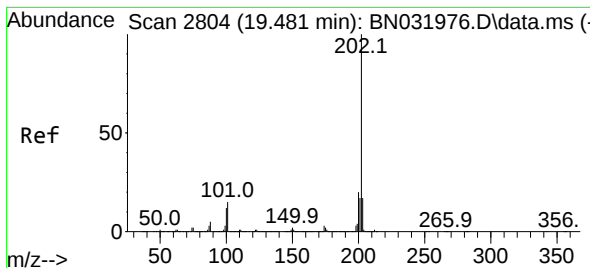
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#80
Fluoranthene
Concen: 5.730 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031988.D
Acq: 13 Jun 2024 22:12

Tgt Ion:202 Resp: 418969
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.4 8.0 12.0





#82

Pyrene

Concen: 3.817 ng/ul

RT: 19.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031988.D

Acq: 13 Jun 2024 22:12

Instrument :

BNA_N

ClientSampleId :

A4BJ2

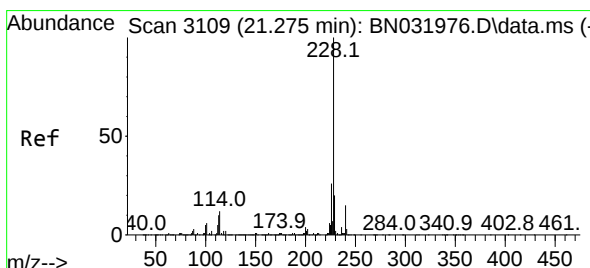
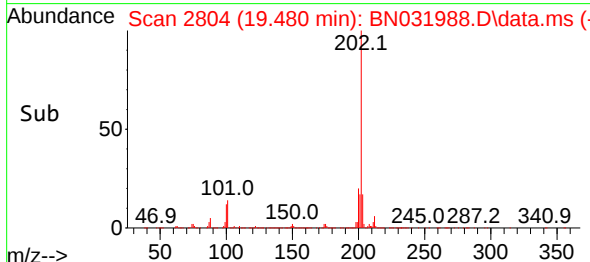
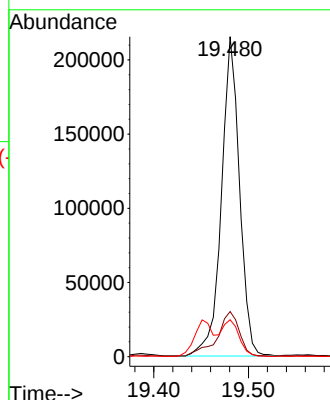
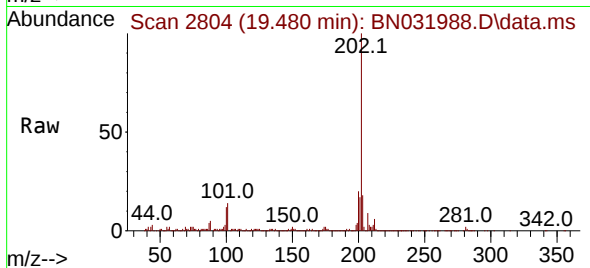
Tgt Ion:202 Resp: 28635

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.6	18.8
100	11.6	10.2	15.2

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#85

Benzo(a)anthracene

Concen: 2.012 ng/ul

RT: 21.275 min Scan# 3109

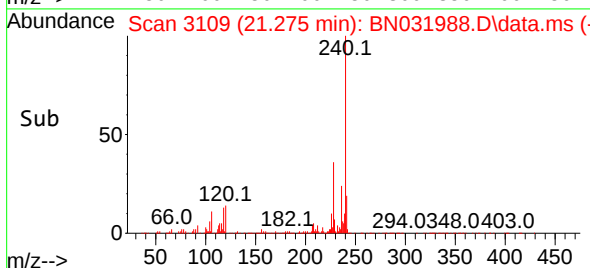
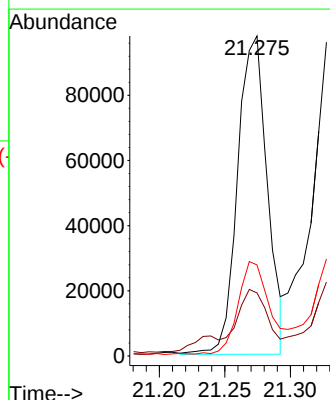
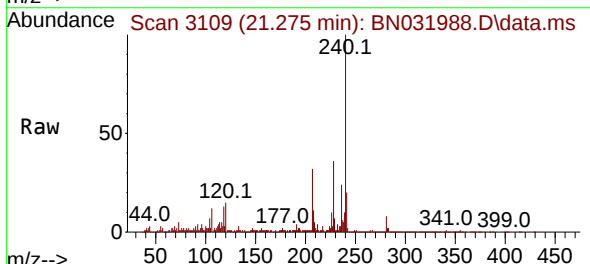
Delta R.T. 0.000 min

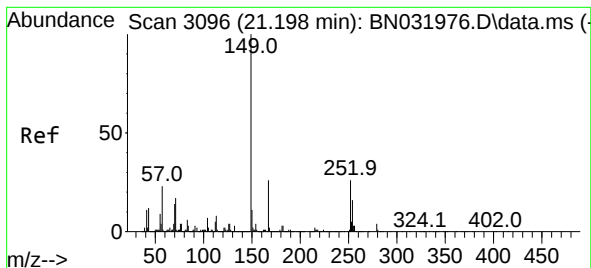
Lab File: BN031988.D

Acq: 13 Jun 2024 22:12

Tgt Ion:228 Resp: 153997

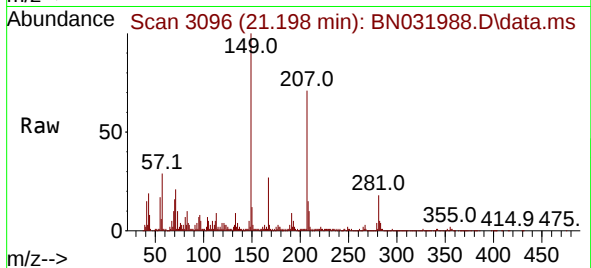
Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.7	25.1
226	28.5	22.8	34.2





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.780 ng/ul
 RT: 21.198 min Scan# 3096
 Delta R.T. -0.006 min
 Lab File: BN031988.D
 Acq: 13 Jun 2024 22:12

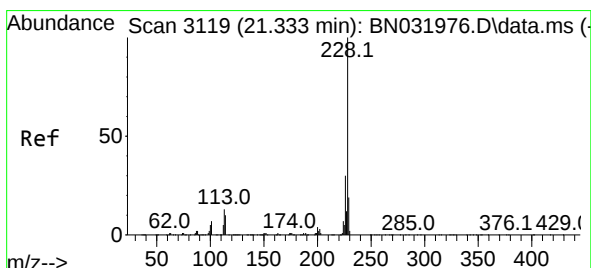
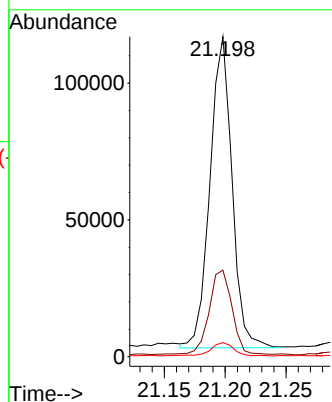
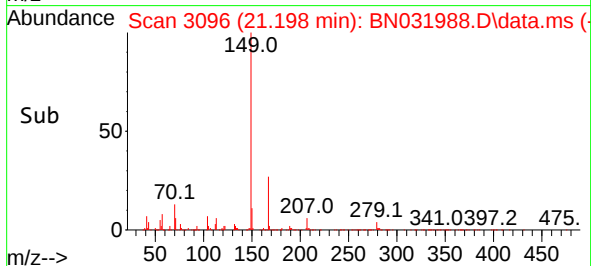
Instrument :
 BNA_N
 ClientSampleId :
 A4BJ2



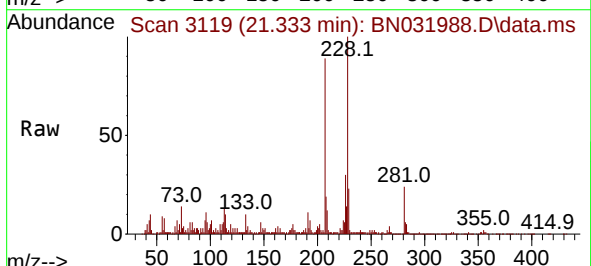
Tgt Ion:149 Resp: 143585
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.4 32.0
 279 4.4 3.3 4.9

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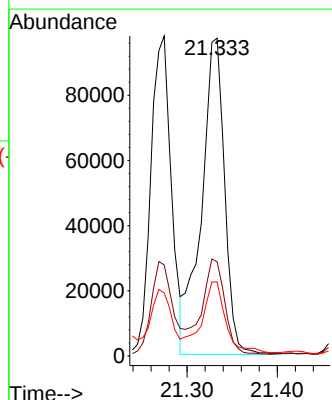
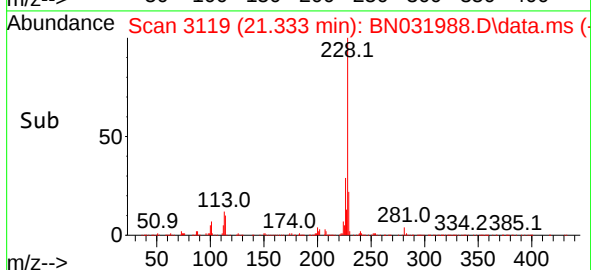
Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

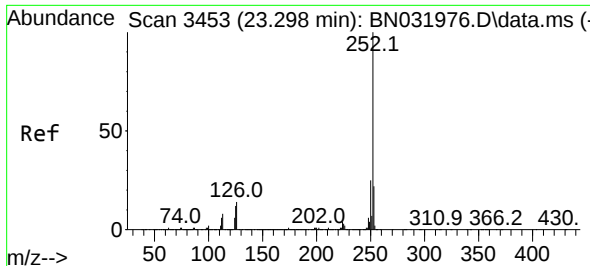


#87
 Chrysene
 Concen: 2.430 ng/ul m
 RT: 21.333 min Scan# 3119
 Delta R.T. 0.000 min
 Lab File: BN031988.D
 Acq: 13 Jun 2024 22:12



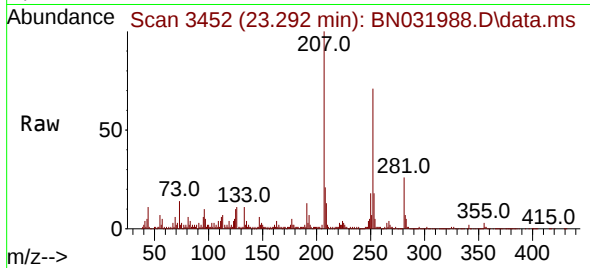
Tgt Ion:228 Resp: 173701
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.7 35.5
 229 23.3 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 2.841 ng/ul
RT: 23.292 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BN031988.D
Acq: 13 Jun 2024 22:12

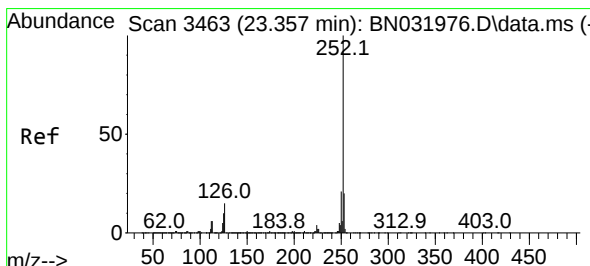
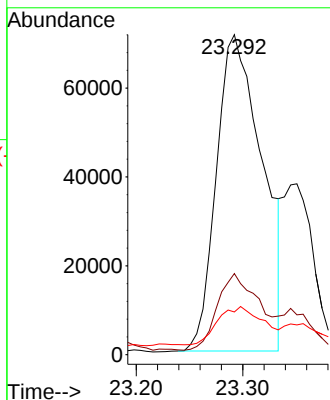
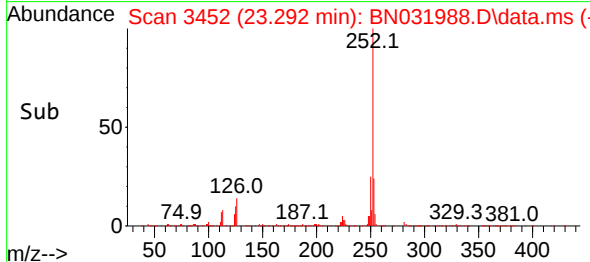
Instrument :
BNA_N
ClientSampleId :
A4BJ2



Tgt Ion:252 Resp: 212735
Ion Ratio Lower Upper
252 100
253 25.3 17.0 25.6
125 13.3 9.2 13.8

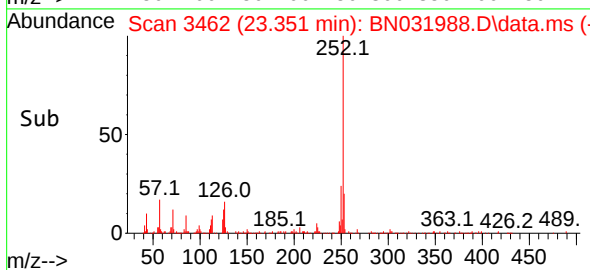
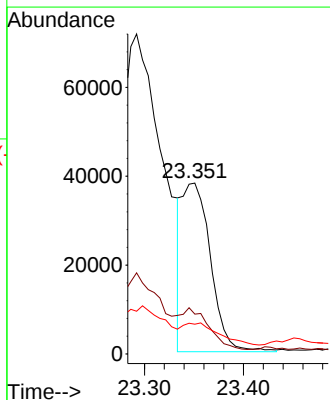
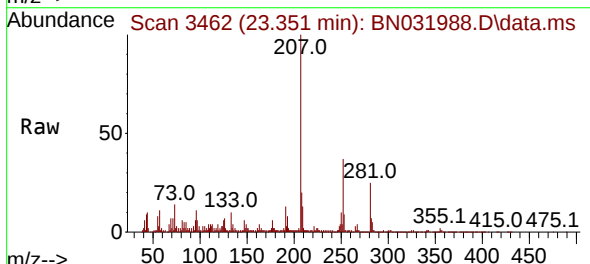
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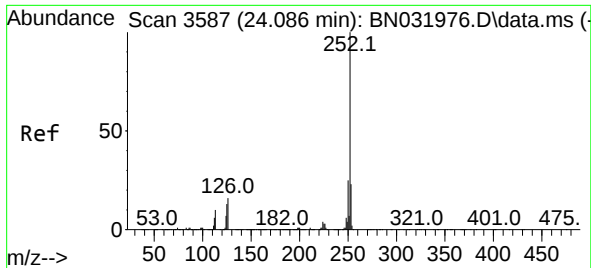
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#91
Benzo(k)fluoranthene
Concen: 1.027 ng/ul m
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031988.D
Acq: 13 Jun 2024 22:12

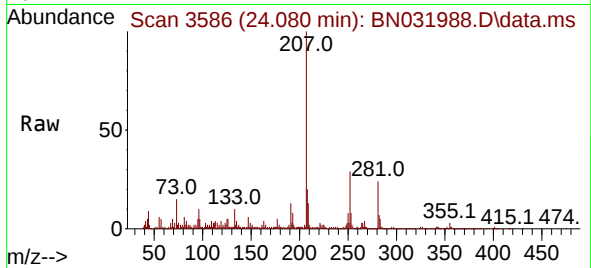
Tgt Ion:252 Resp: 75436
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 17.4 9.4 14.2#





#93
Benzo(a)pyrene
Concen: 1.102 ng/ul
RT: 24.080 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN031988.D
Acq: 13 Jun 2024 22:12

Instrument :
BNA_N
ClientSampleId :
A4BJ2



Tgt Ion:252 Resp: 77279
Ion Ratio Lower Upper
252 100
253 26.5 16.6 24.8
125 18.3 9.8 14.8

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