

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031918.D
 Acq On : 11 Jun 2024 20:19
 Operator : MA/JU
 Sample : P2642-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C18

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 11 22:45:35 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	284888	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1335591	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	908029	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1908567	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1751863	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1649399	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	36927	5.362	ng/uL	0.00
4) Pyridine-d5	3.581	84	245959	12.688	ng/u1	0.00
7) Phenol-d5	6.834	99	790010	32.347	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	466606	32.663	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	618519	33.191	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	662249	33.265	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	327362	32.057	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	346501	32.847	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	626865	31.831	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	660486	22.589	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2112120	33.389	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2351528	32.329	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	373117	29.459	ng/u1	0.00
60) Fluorene-d10	15.298	176	1792558	33.490	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	289067	30.132	ng/u1	0.00
73) Anthracene-d10	17.151	188	2762300	33.806	ng/u1	0.00
81) Pyrene-d10	19.451	212	3200973	34.145	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2267025	28.784	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.098	178	1112975	11.447	ng/u1	99
74) Anthracene	17.186	178	208045	2.112	ng/u1	99
77) Carbazole	17.463	167	99356	1.183	ng/u1	100
80) Fluoranthene	19.116	202	1879733	16.778	ng/u1	98
82) Pyrene	19.480	202	1523867	13.257	ng/u1	98
85) Benzo(a)anthracene	21.274	228	816595	6.964	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.198	149	254773	3.219	ng/u1	98
87) Chrysene	21.333	228	801779m	7.320	ng/u1	
90) Benzo(b)fluoranthene	23.298	252	883717	8.964	ng/u1	100
91) Benzo(k)fluoranthene	23.345	252	311147	3.216	ng/u1	98
93) Benzo(a)pyrene	24.080	252	440580	4.771	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.503	276	268454	2.523	ng/u1	96

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

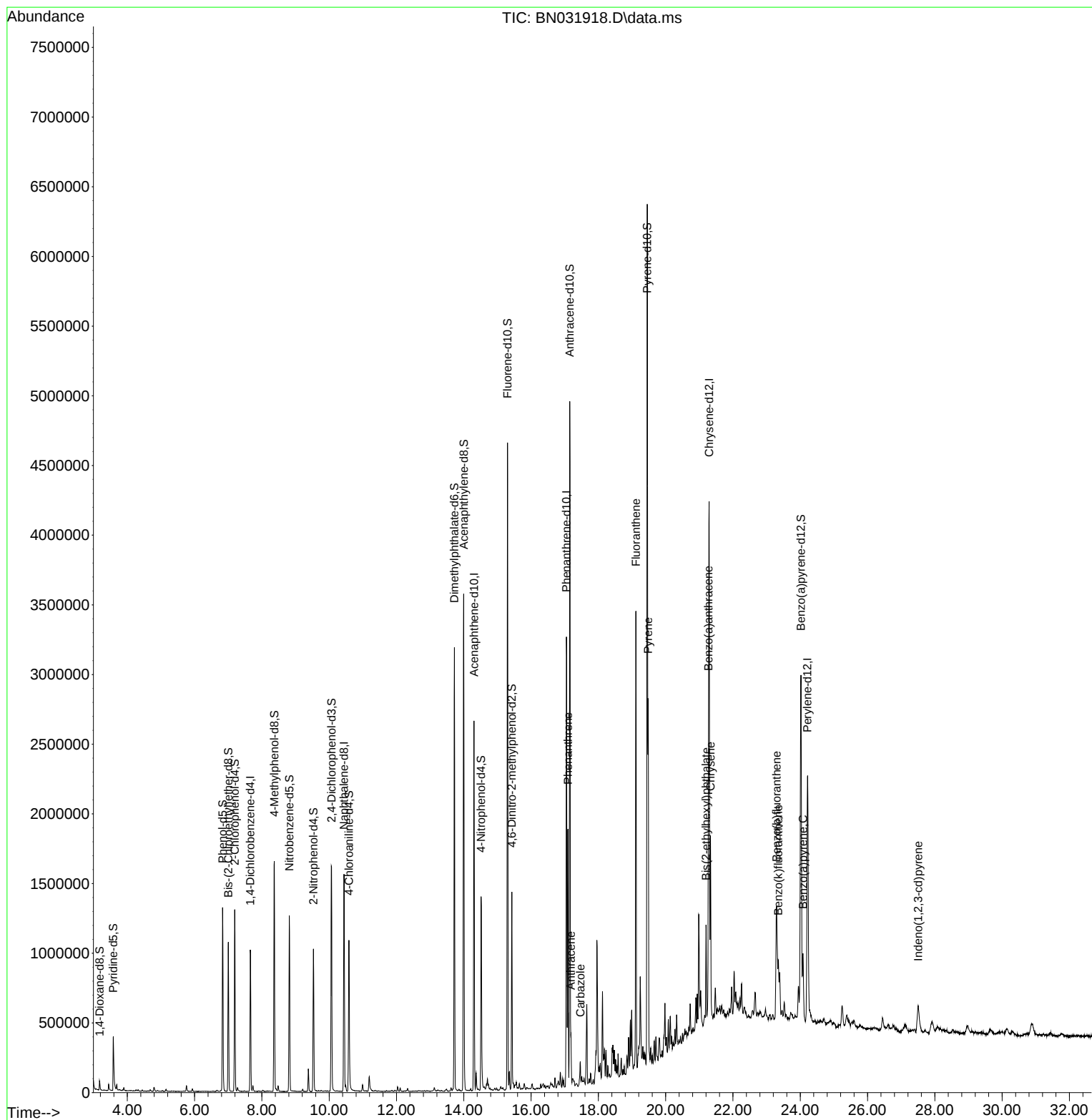
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031918.D
Acq On : 11 Jun 2024 20:19
Operator : MA/JU
Sample : P2642-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

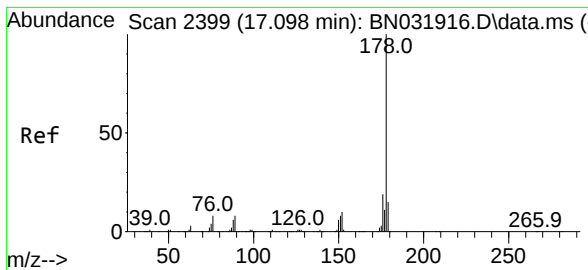
Instrument :
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Supervised By :mohammad ahmed 06/14/2024

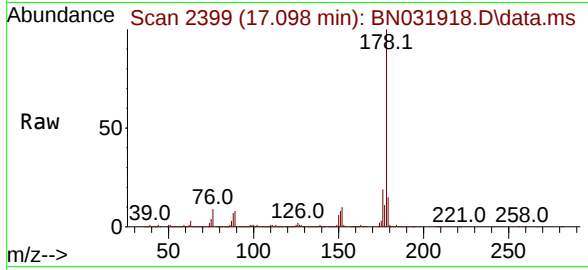
Quant Time: Jun 11 22:45:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 11.447 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031918.D
Acq: 11 Jun 2024 20:19

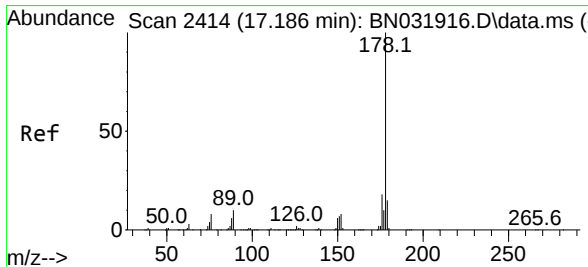
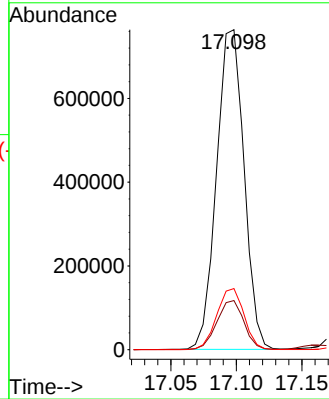
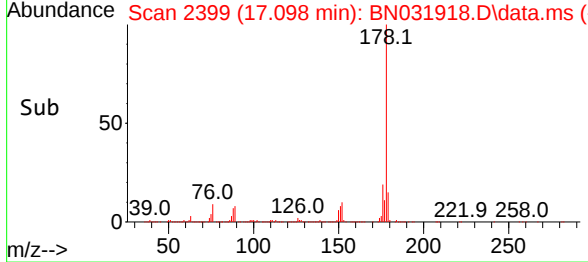
Instrument :
BNA_N
ClientSampleId :
A4C18



Tgt Ion:178 Resp: 111297
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.1 15.8 23.6

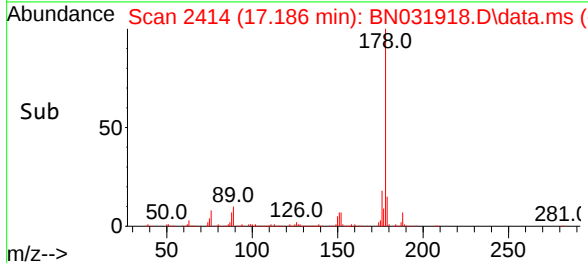
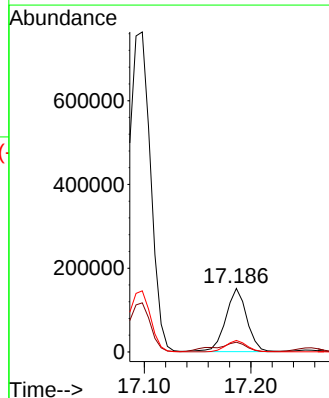
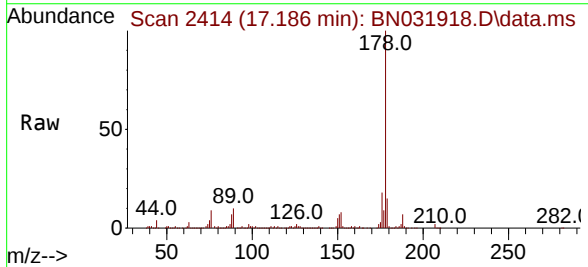
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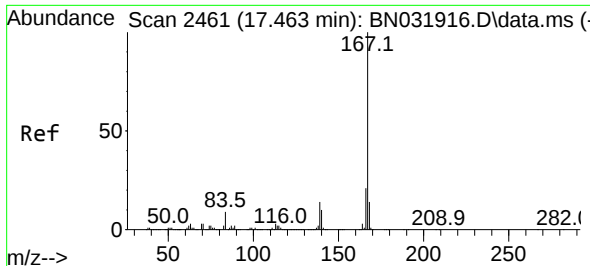
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024



#74
Anthracene
Concen: 2.112 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031918.D
Acq: 11 Jun 2024 20:19

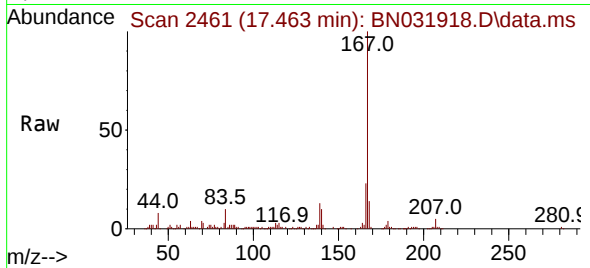
Tgt Ion:178 Resp: 208045
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.6
176 18.2 14.8 22.2





#77
 Carbazole
 Concen: 1.183 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031918.D
 Acq: 11 Jun 2024 20:19

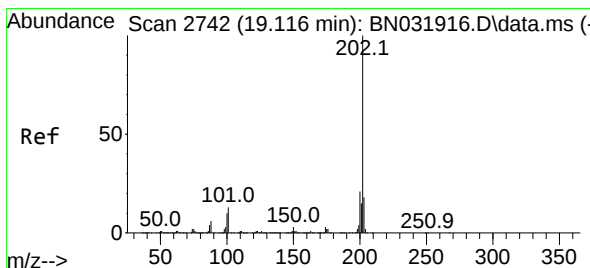
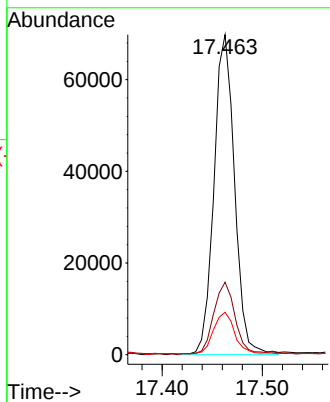
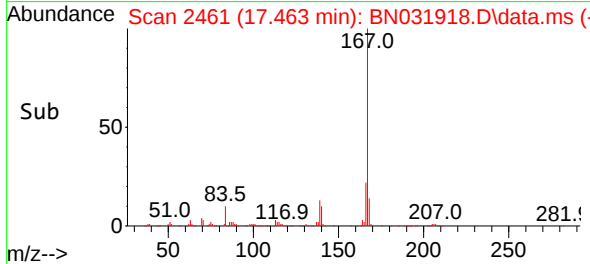
Instrument :
 BNA_N
 ClientSampleId :
 A4C18



Tgt Ion:167 Resp: 99350
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 13.3 10.5 15.7

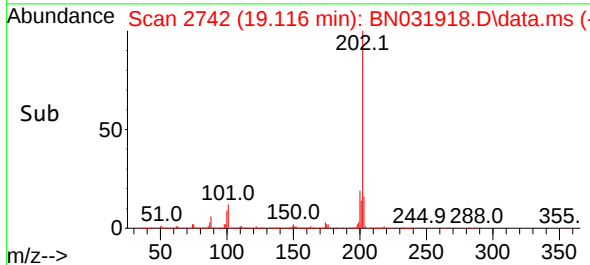
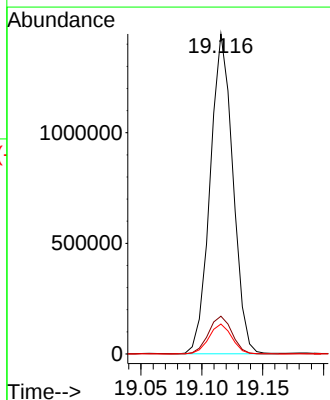
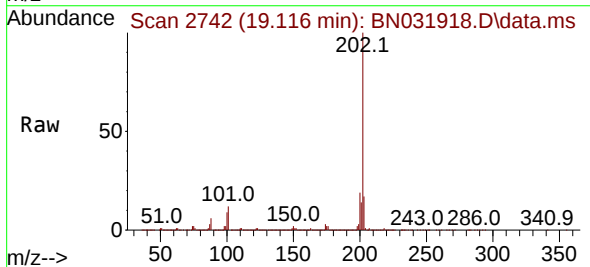
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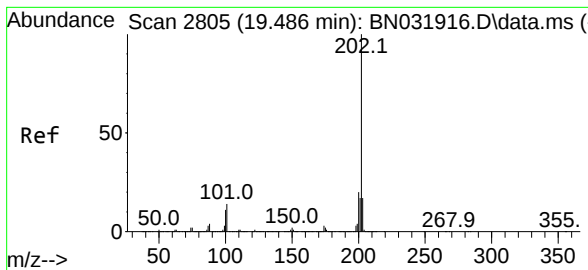
Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 16.778 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. -0.000 min
 Lab File: BN031918.D
 Acq: 11 Jun 2024 20:19

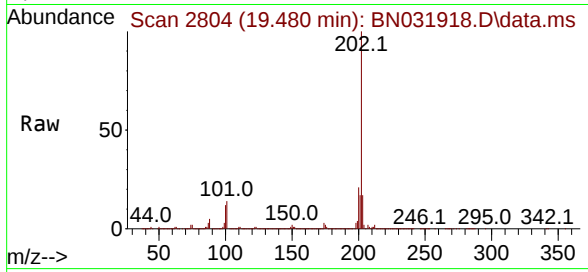
Tgt Ion:202 Resp: 1879733
 Ion Ratio Lower Upper
 202 100
 101 11.8 10.3 15.5
 100 9.3 8.0 12.0





#82
 Pyrene
 Concen: 13.257 ng/ul
 RT: 19.480 min Scan# 2109
 Delta R.T. -0.006 min
 Lab File: BN031918.D
 Acq: 11 Jun 2024 20:19

Instrument : BNA_N
 ClientSampleId : A4C18

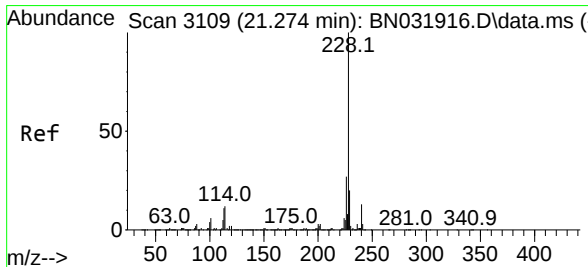
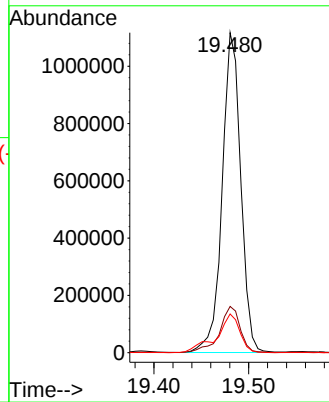
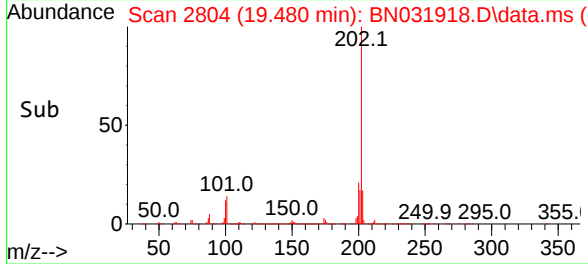


Tgt Ion:202 Resp: 152386

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.6	18.8
100	12.1	10.2	15.2

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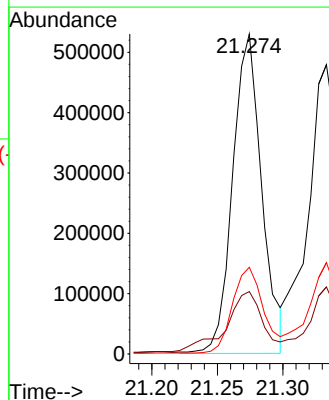
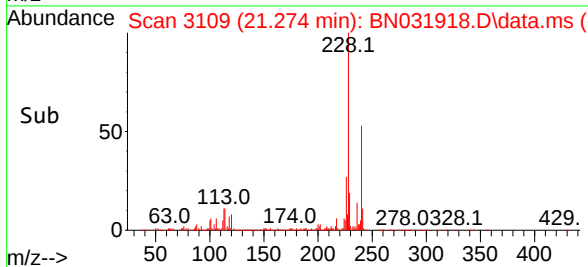
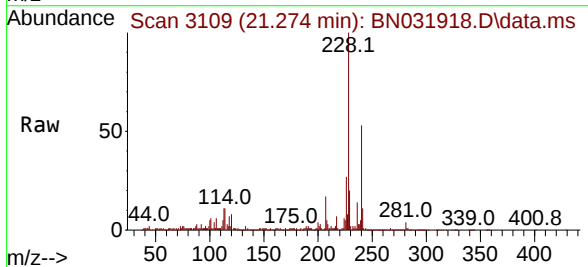
Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024

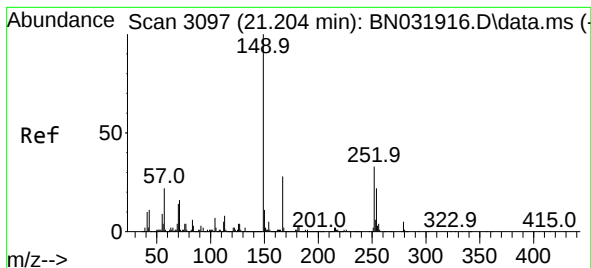


#85
 Benzo(a)anthracene
 Concen: 6.964 ng/ul
 RT: 21.274 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BN031918.D
 Acq: 11 Jun 2024 20:19

Tgt Ion:228 Resp: 816595

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.7	25.1
226	27.1	22.8	34.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 3.219 ng/ul

RT: 21.198 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BN031918.D

Acq: 11 Jun 2024 20:19

Instrument :

BNA_N

ClientSampleId :

A4C18

Tgt Ion:149 Resp: 25477

Ion Ratio Lower Upper

149 100

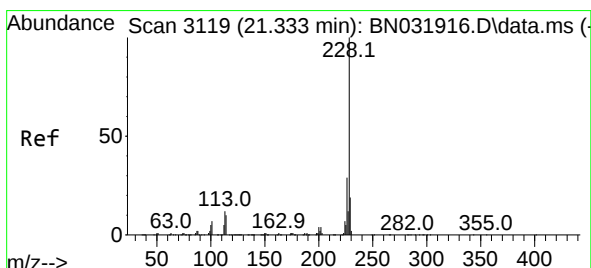
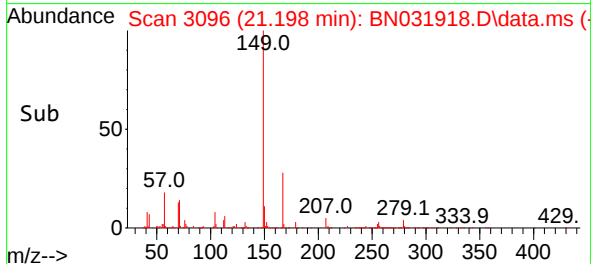
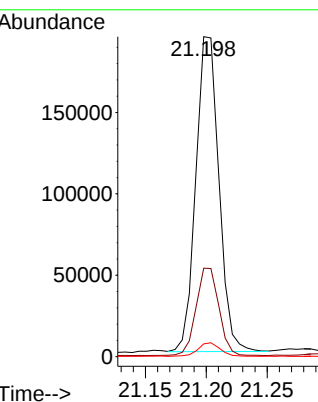
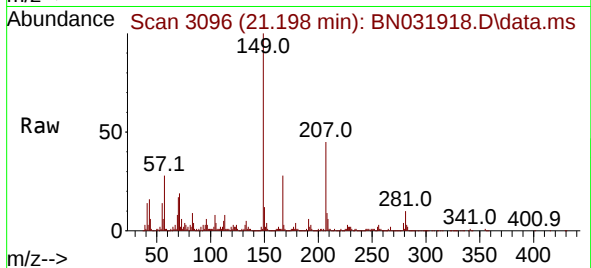
167 27.6 21.4 32.0

279 4.0 3.3 4.9

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2024



#87

Chrysene

Concen: 7.320 ng/ul m

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031918.D

Acq: 11 Jun 2024 20:19

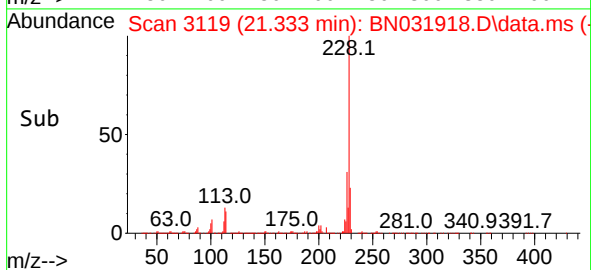
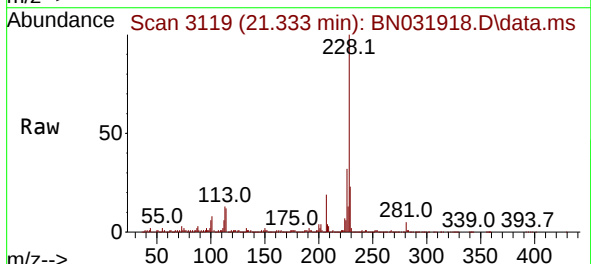
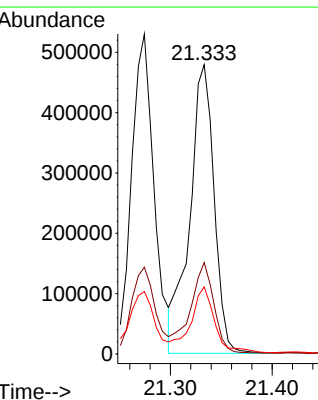
Tgt Ion:228 Resp: 801779

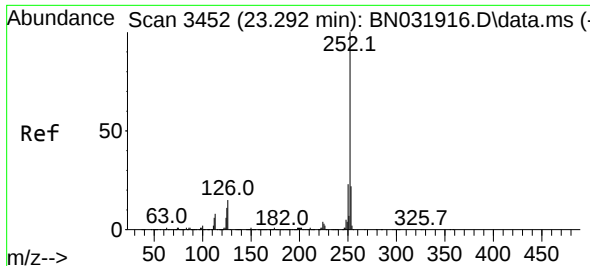
Ion Ratio Lower Upper

228 100

226 31.6 23.7 35.5

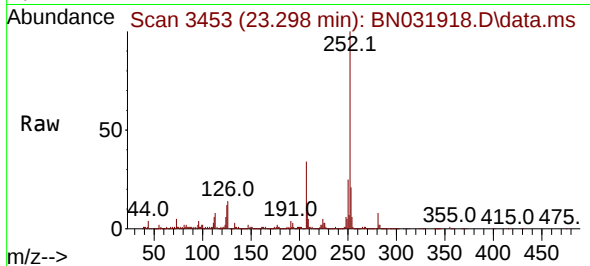
229 23.2 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 8.964 ng/ul
RT: 23.298 min Scan# 3452
Delta R.T. 0.006 min
Lab File: BN031918.D
Acq: 11 Jun 2024 20:19

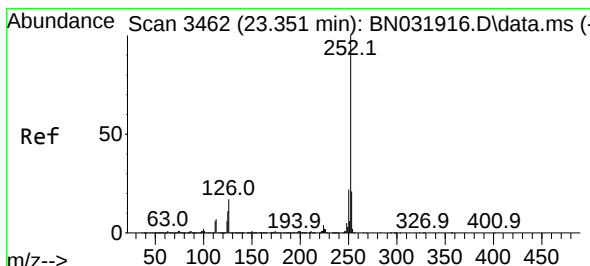
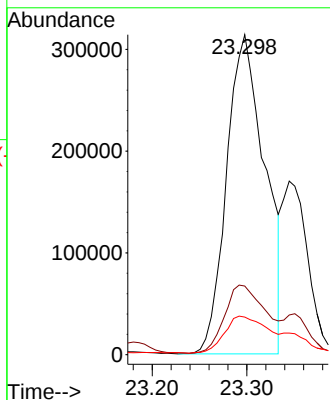
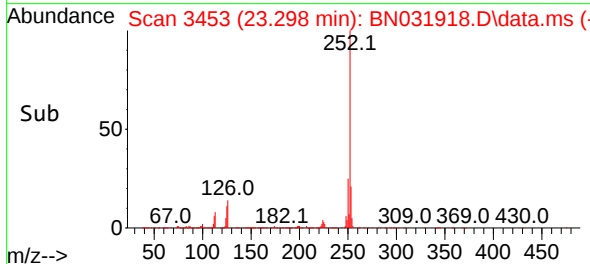
Instrument :
BNA_N
ClientSampleId :
A4C18



Tgt Ion:252 Resp: 88371
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.8 9.2 13.8

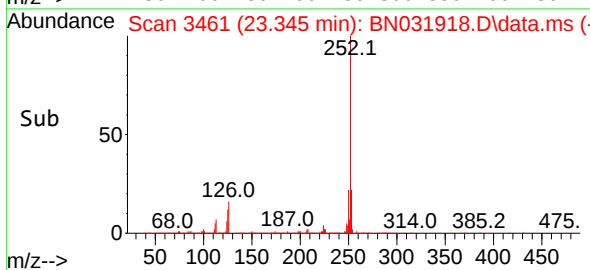
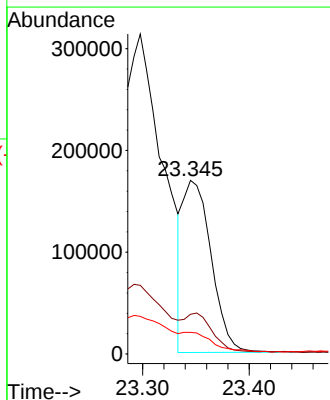
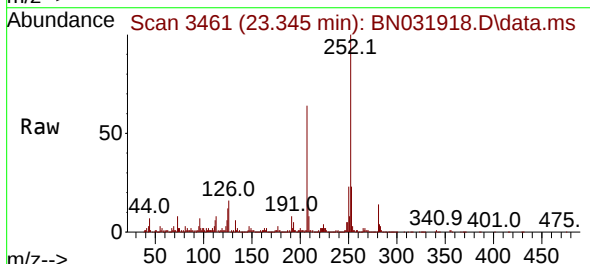
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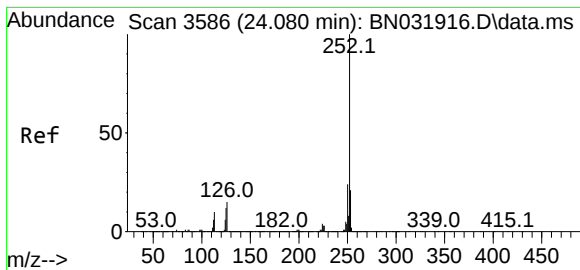
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024



#91
Benzo(k)fluoranthene
Concen: 3.216 ng/ul
RT: 23.345 min Scan# 3461
Delta R.T. -0.006 min
Lab File: BN031918.D
Acq: 11 Jun 2024 20:19

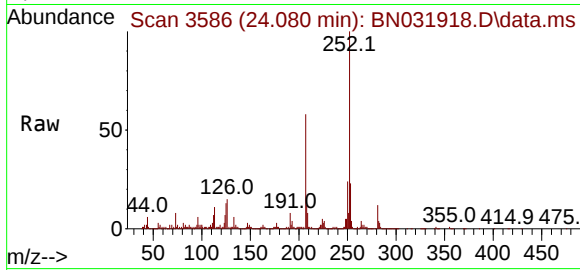
Tgt Ion:252 Resp: 311147
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 12.4 9.4 14.2





#93
Benzo(a)pyrene
Concen: 4.771 ng/ul
RT: 24.080 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN031918.D
Acq: 11 Jun 2024 20:19

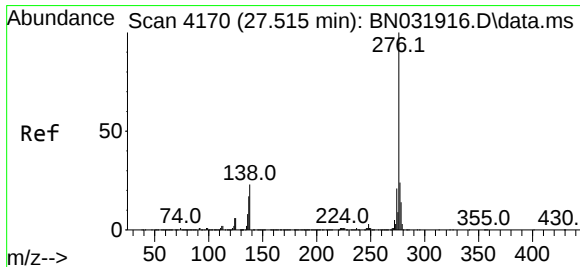
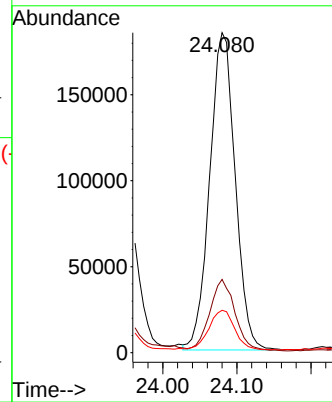
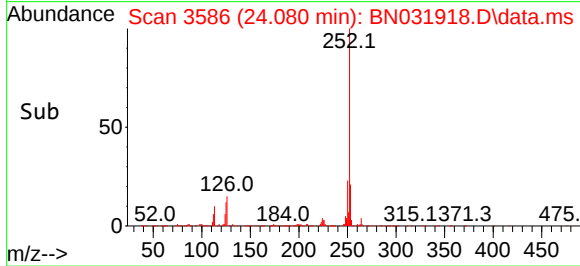
Instrument :
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ClientSampleId :
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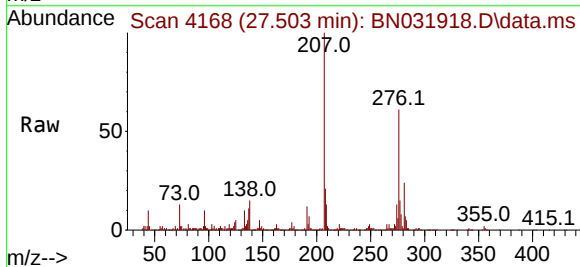
Tgt Ion:252 Resp: 440580
Ion Ratio Lower Upper
252 100
253 22.9 16.6 24.8
125 13.3 9.8 14.8

Manual Integrations
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Supervised By :mohammad ahmed 06/14/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.523 ng/ul
RT: 27.503 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN031918.D
Acq: 11 Jun 2024 20:19



Tgt Ion:276 Resp: 268454
Ion Ratio Lower Upper
276 100
138 24.4 18.1 27.1
277 25.1 18.2 27.2

