

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031981.D
 Acq On : 13 Jun 2024 17:35
 Operator : MA/JU
 Sample : P2663-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH693

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 00:00:14 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	373353	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1585021	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	936939	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1634092	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	996921	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1190627	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	39065	4.329	ng/uL	0.00
4) Pyridine-d5	3.587	84	196784	7.746	ng/u1	0.00
7) Phenol-d5	6.840	99	873128	27.279	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	488976	26.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	712941	29.193	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	596328	22.856	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	359123	29.633	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	390146	31.165	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	673476	28.816	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	519096	14.959	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1946571	29.822	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	2224877	29.644	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	285569	21.851	ng/u1	0.00
60) Fluorene-d10	15.298	176	1606005	29.079	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	151310	18.422	ng/u1	0.00
73) Anthracene-d10	17.151	188	2026762	28.971	ng/u1	0.00
81) Pyrene-d10	19.451	212	1714363	32.136	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1227872	21.597	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.481	105	95868	2.425	ng/u1	97
72) Phenanthrene	17.098	178	523707	6.291	ng/u1	98
74) Anthracene	17.186	178	101749	1.206	ng/u1	99
80) Fluoranthene	19.116	202	992931	15.574	ng/u1	99
82) Pyrene	19.480	202	721409	11.029	ng/u1	99
85) Benzo(a)anthracene	21.274	228	436284	6.538	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	151317	3.360	ng/u1	97
87) Chrysene	21.333	228	455560	7.309	ng/u1	95
90) Benzo(b)fluoranthene	23.292	252	628001	8.824	ng/u1	96
91) Benzo(k)fluoranthene	23.351	252	231145m	3.310	ng/u1	
93) Benzo(a)pyrene	24.080	252	266972	4.005	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.521	276	250081	3.256	ng/u1	97
95) Dibenzo(a,h)anthracene	27.562	278	82161m	1.310	ng/u1	

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

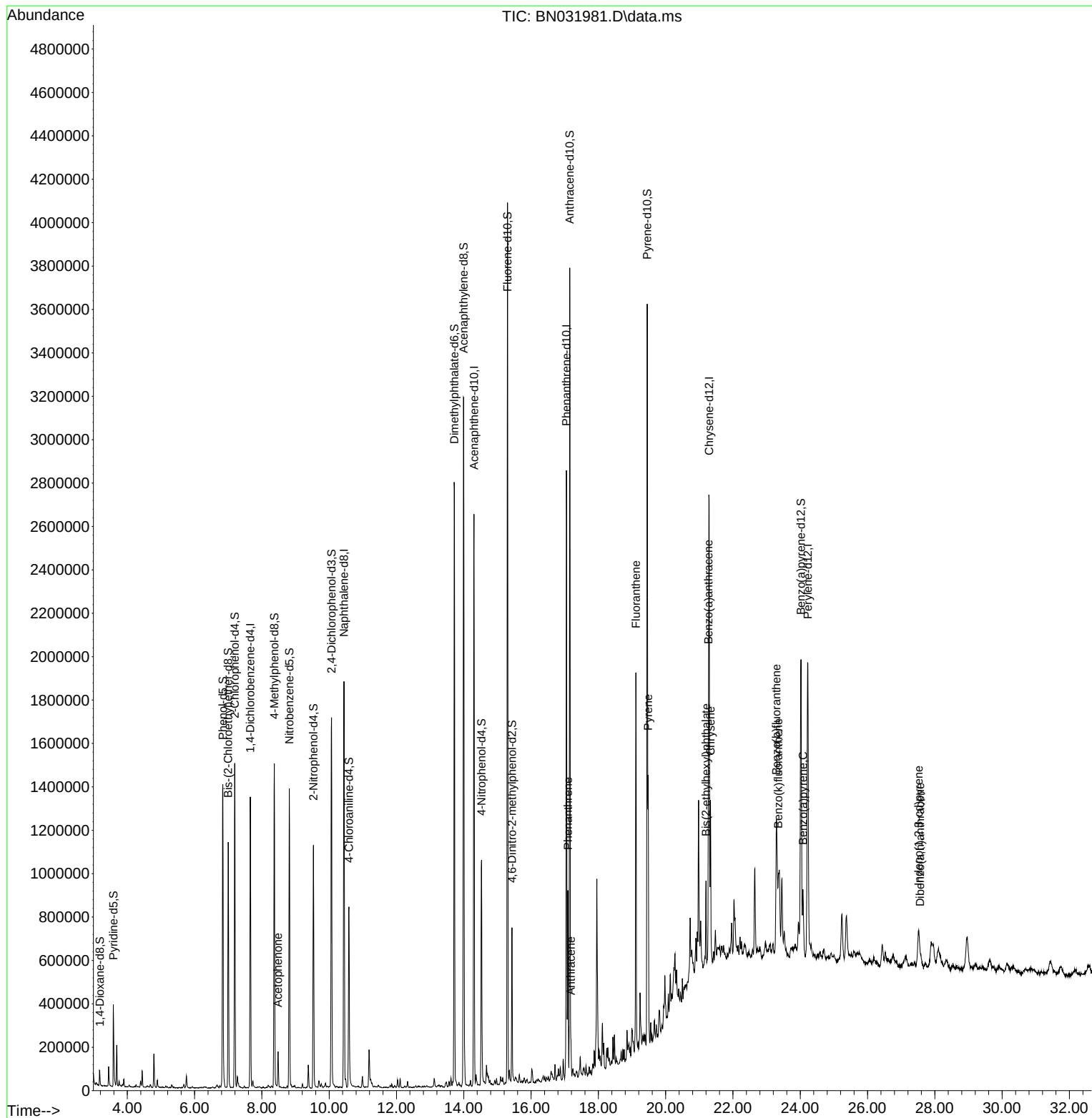
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031981.D
Acq On : 13 Jun 2024 17:35
Operator : MA/JU
Sample : P2663-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

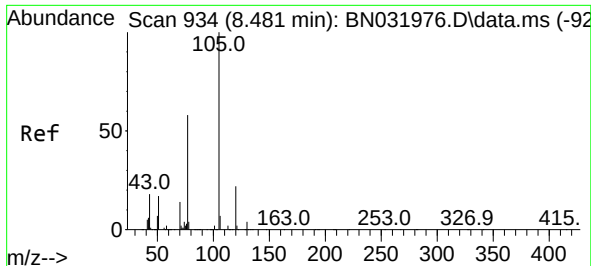
Instrument :
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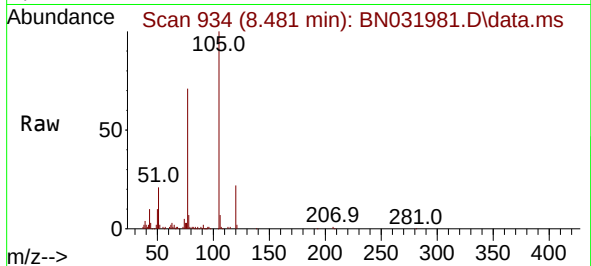
Quant Time: Jun 14 00:00:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.425 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031981.D
Acq: 13 Jun 2024 17:35

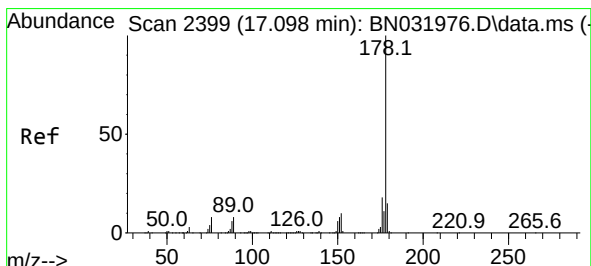
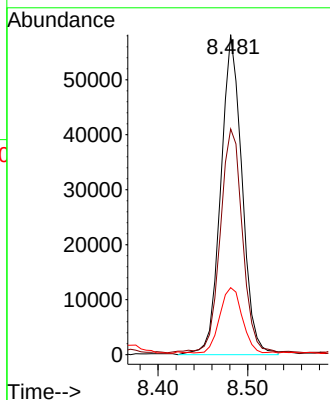
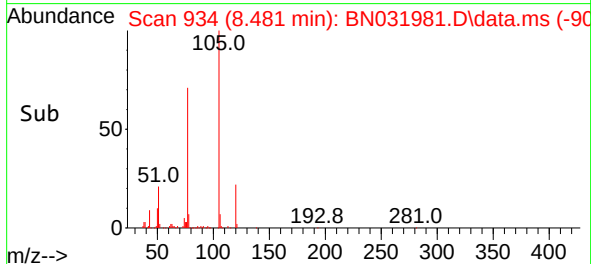
Instrument :
BNA_N
ClientSampleId :
BH693



Tgt Ion:105 Resp: 9586
Ion Ratio Lower Upper
105 100
77 70.5 58.6 87.8
51 20.9 17.2 25.8

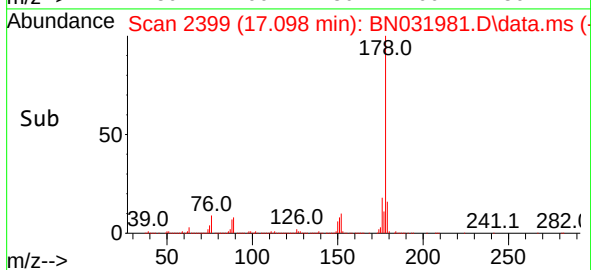
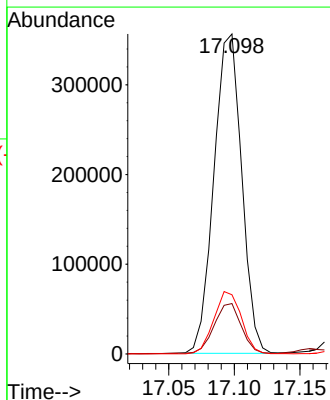
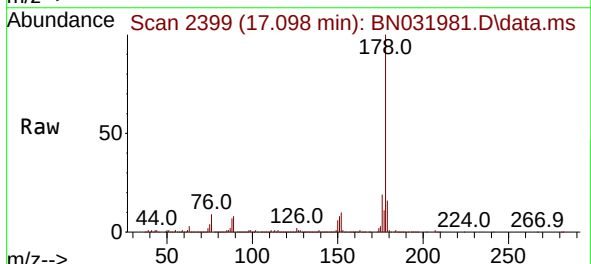
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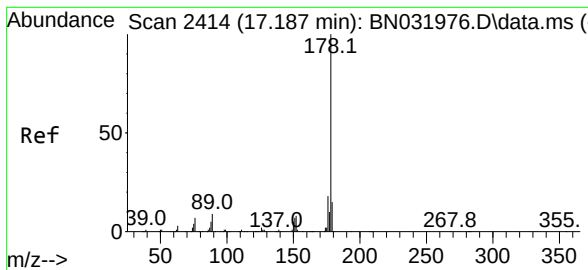
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#72
Phenanthrene
Concen: 6.291 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031981.D
Acq: 13 Jun 2024 17:35

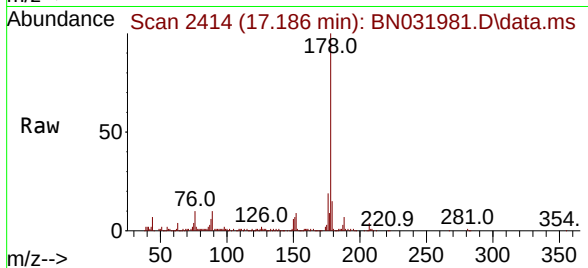
Tgt Ion:178 Resp: 523707
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.5 15.8 23.6





#74
 Anthracene
 Concen: 1.206 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN031981.D
 Acq: 13 Jun 2024 17:35

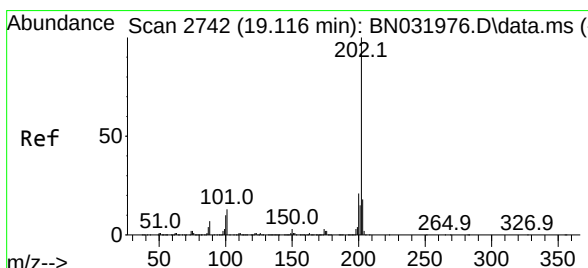
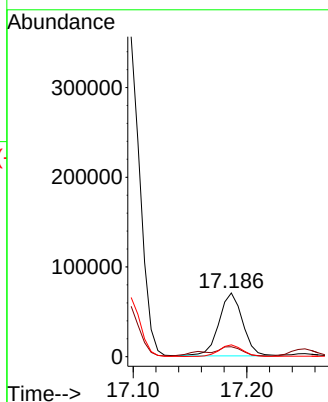
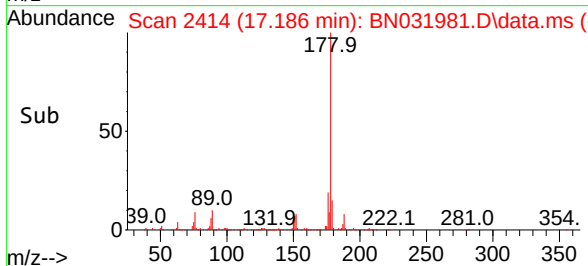
Instrument :
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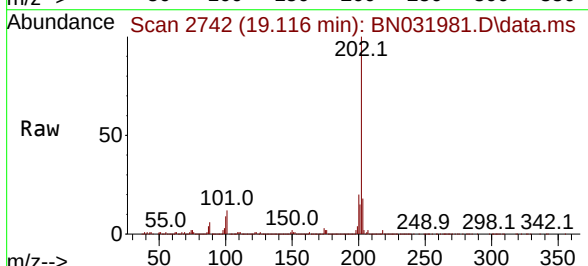
Tgt Ion:178 Resp: 101749
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.6
 176 18.5 14.8 22.2

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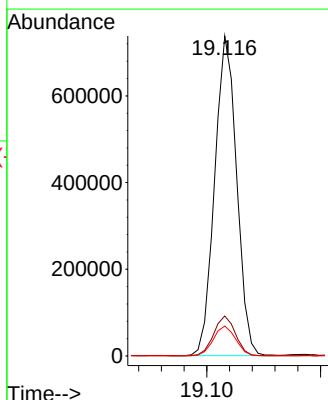
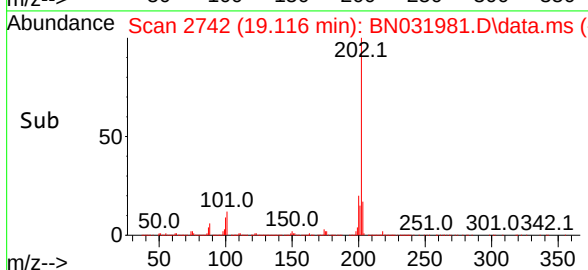
Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

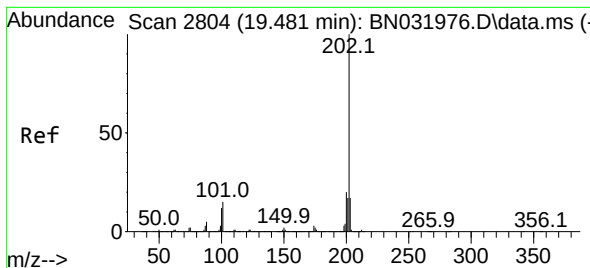


#80
 Fluoranthene
 Concen: 15.574 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031981.D
 Acq: 13 Jun 2024 17:35



Tgt Ion:202 Resp: 992931
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.3 15.5
 100 9.3 8.0 12.0





#82

Pyrene

Concen: 11.029 ng/ul

RT: 19.480 min Scan# 21409

Delta R.T. -0.006 min

Lab File: BN031981.D

Acq: 13 Jun 2024 17:35

Instrument :

BNA_N

ClientSampleId :

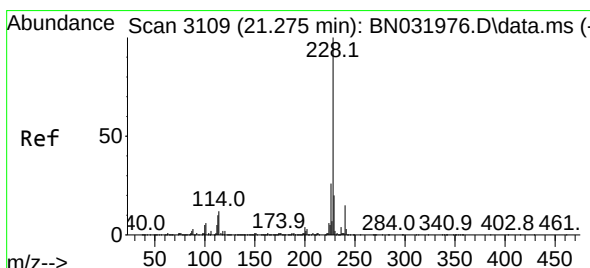
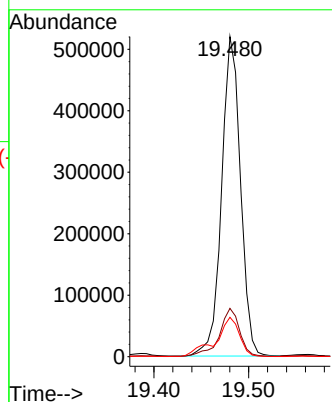
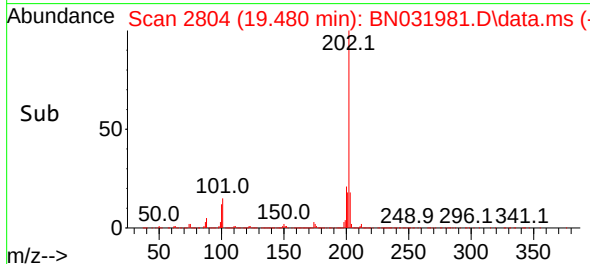
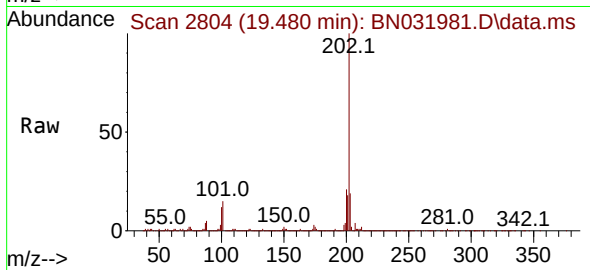
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Tgt Ion:	202	Resp:	721409
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.6	18.8
100	12.3	10.2	15.2

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#85

Benzo(a)anthracene

Concen: 6.538 ng/ul

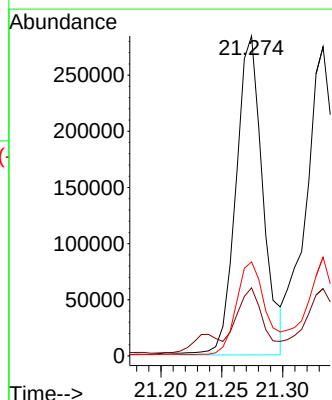
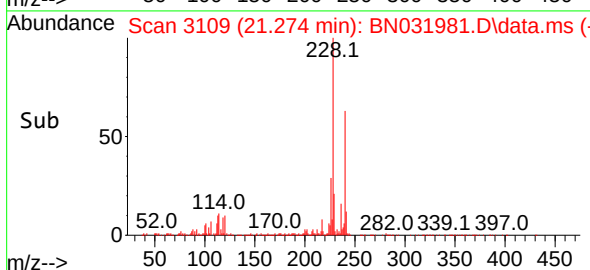
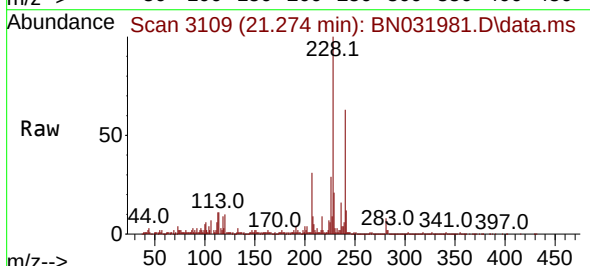
RT: 21.274 min Scan# 3109

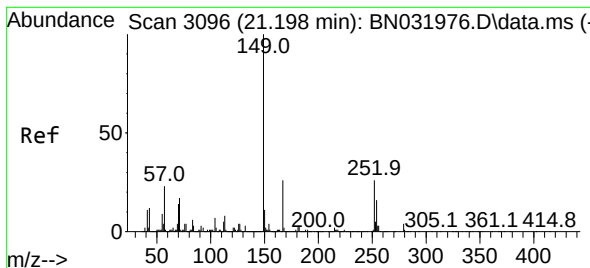
Delta R.T. 0.000 min

Lab File: BN031981.D

Acq: 13 Jun 2024 17:35

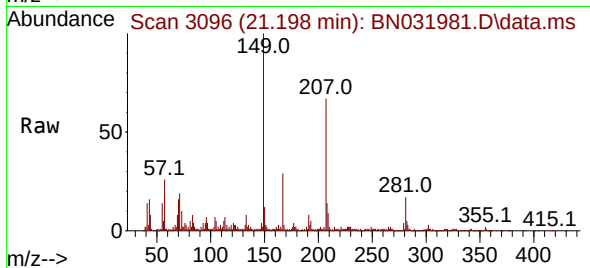
Tgt Ion:	228	Resp:	436284
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.7	25.1
226	29.4	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.360 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031981.D
Acq: 13 Jun 2024 17:35

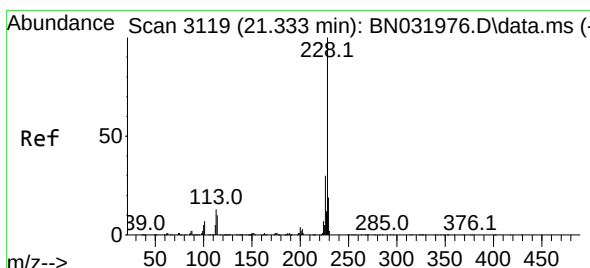
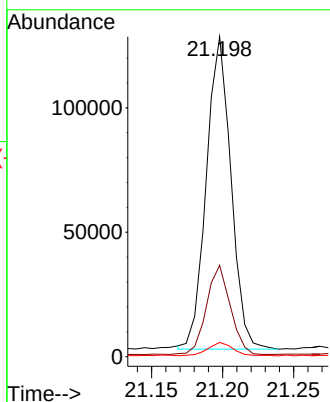
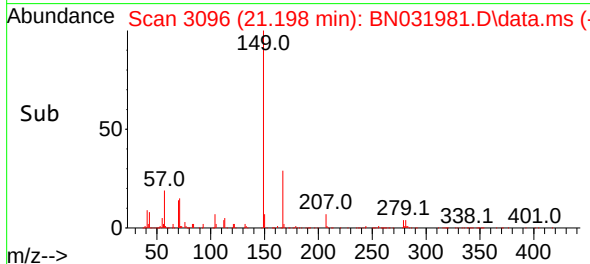
Instrument :
BNA_N
ClientSampleId :
BH693



Tgt Ion:149 Resp: 15131
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.0
279 4.5 3.3 4.9

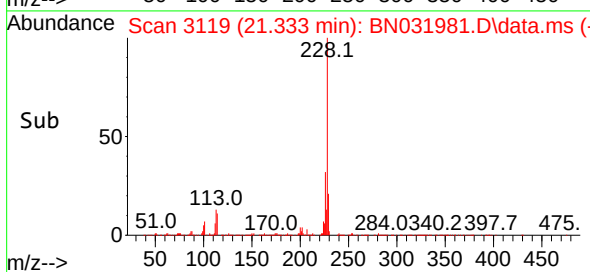
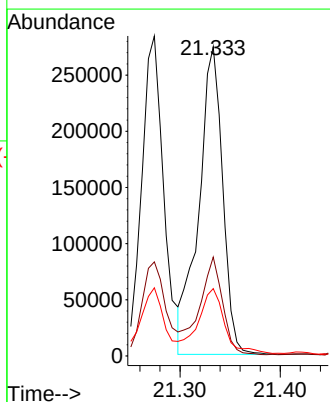
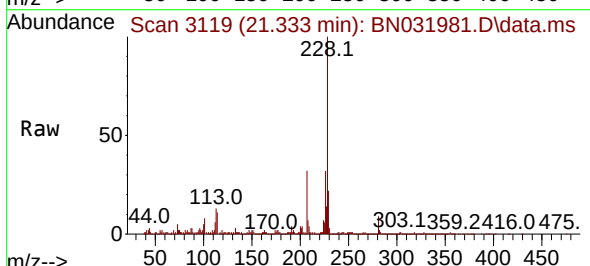
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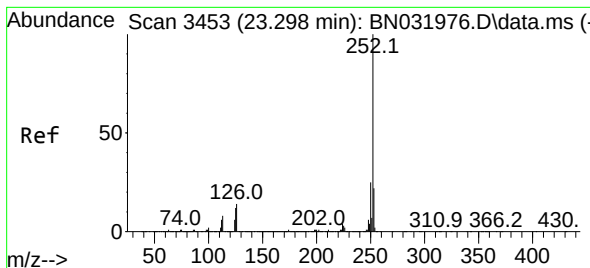
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#87
Chrysene
Concen: 7.309 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031981.D
Acq: 13 Jun 2024 17:35

Tgt Ion:228 Resp: 455560
Ion Ratio Lower Upper
228 100
226 32.0 23.7 35.5
229 21.8 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 8.824 ng/ul

RT: 23.292 min Scan# 3453

Delta R.T. 0.000 min

Lab File: BN031981.D

Acq: 13 Jun 2024 17:35

Instrument :

BNA_N

ClientSampleId :

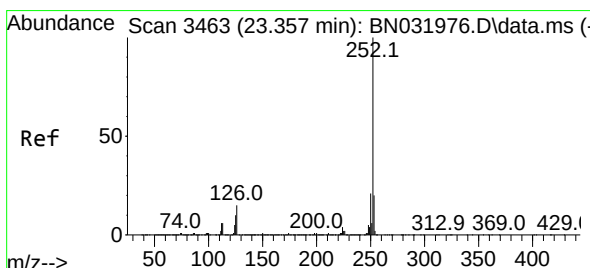
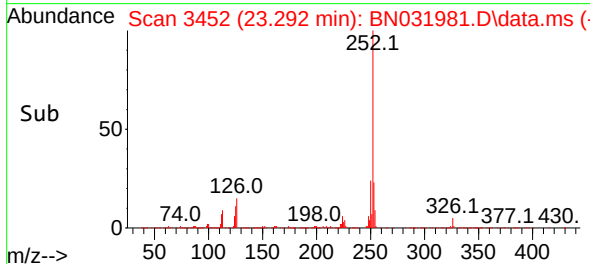
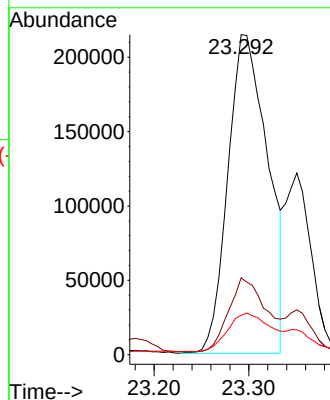
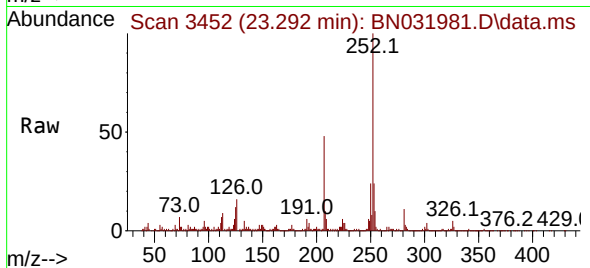
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Tgt Ion:252 Resp: 628000
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.0 25.6
 125 12.3 9.2 13.8

Manual Integrations

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 Supervised By :mohammad ahmed 06/14/2024



#91

Benzo(k)fluoranthene

Concen: 3.310 ng/ul m

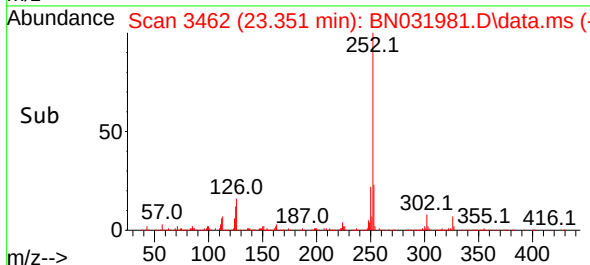
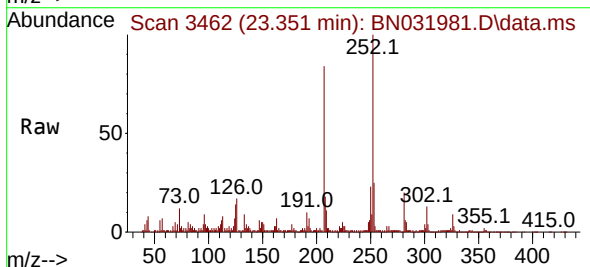
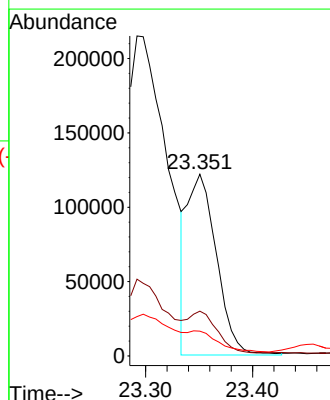
RT: 23.351 min Scan# 3462

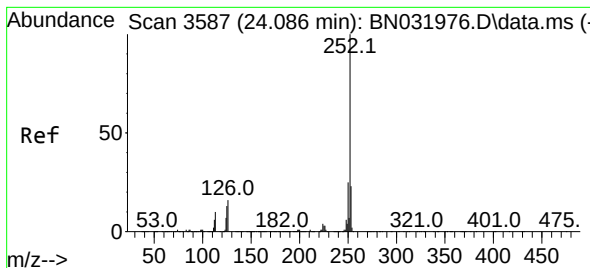
Delta R.T. 0.000 min

Lab File: BN031981.D

Acq: 13 Jun 2024 17:35

Tgt Ion:252 Resp: 231145
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.6 26.4
 125 13.6 9.4 14.2





#93

Benzo(a)pyrene

Concen: 4.005 ng/ul

RT: 24.080 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN031981.D

Acq: 13 Jun 2024 17:35

Instrument :

BNA_N

ClientSampleId :

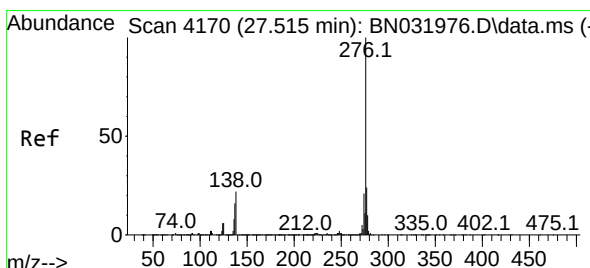
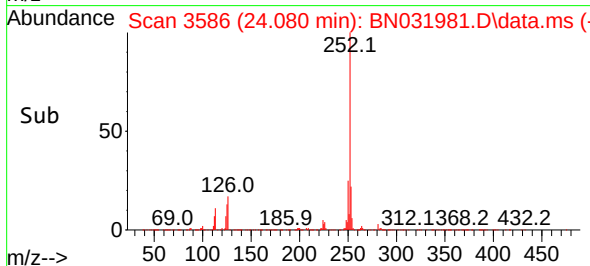
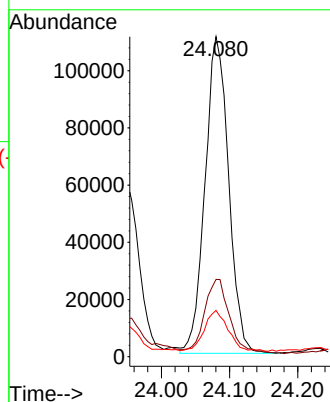
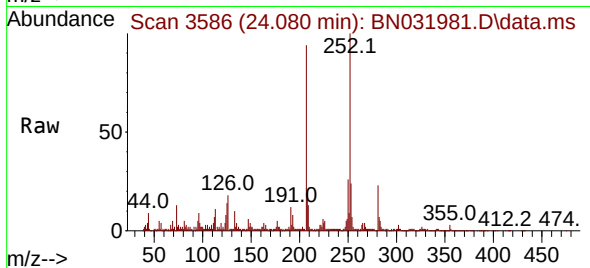
BH693

Tgt Ion:	252	Resp:	26697
Ion Ratio	Lower	Upper	
252	100		
253	24.1	16.6	24.8
125	14.4	9.8	14.8

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Supervised By :mohammad ahmed 06/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.256 ng/ul

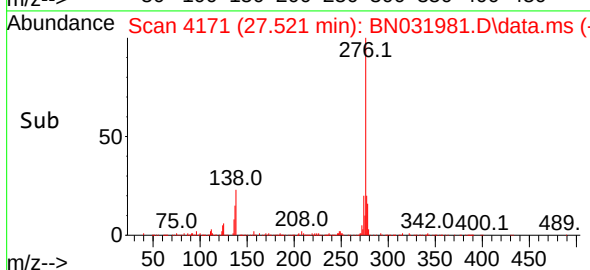
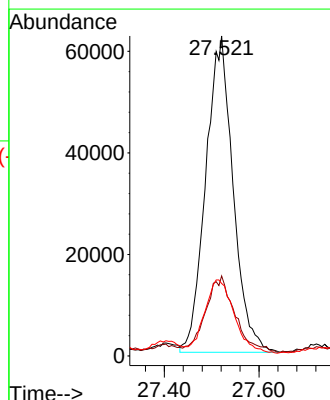
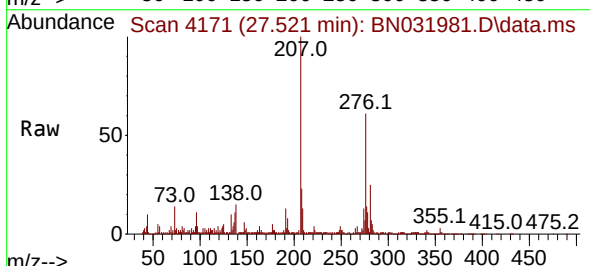
RT: 27.521 min Scan# 4171

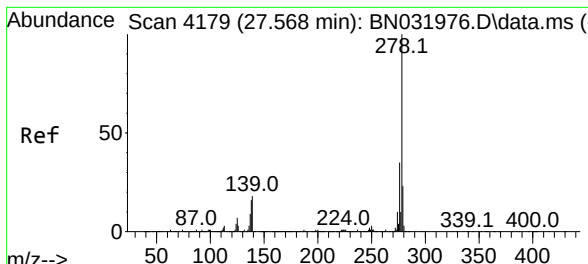
Delta R.T. 0.006 min

Lab File: BN031981.D

Acq: 13 Jun 2024 17:35

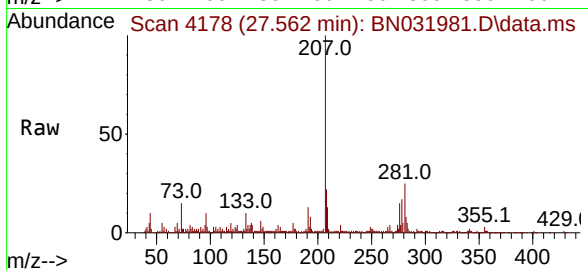
Tgt Ion:	276	Resp:	250081
Ion Ratio	Lower	Upper	
276	100		
138	25.0	18.1	27.1
277	22.7	18.2	27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.310 ng/ul m
 RT: 27.562 min Scan# 4178
 Delta R.T. -0.018 min
 Lab File: BN031981.D
 Acq: 13 Jun 2024 17:35

Instrument :
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Tgt Ion:278 Resp: 8216
 Ion Ratio Lower Upper
 278 100
 139 22.3 15.0 22.6
 279 30.1 17.4 26.0

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