

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031820.D
 Acq On : 06 Jun 2024 15:55
 Operator : MA/JU
 Sample : P2634-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 17:29:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	406119	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1689111	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1031762	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2055335	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1580085	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1435974	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	46580	4.745	ng/uL	-0.01
4) Pyridine-d5	3.587	84	608263	22.012	ng/u1	-0.01
7) Phenol-d5	6.846	99	951296	27.324	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	522763	25.670	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	740891	27.890	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	755199	26.610	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	364482	28.222	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	387514	29.047	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	668174	26.828	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.599	131	904645	24.464	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	1875109	26.087	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	2283418	27.628	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	353740	24.579	ng/u1	0.00
60) Fluorene-d10	15.310	176	1630159	26.804	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	231540	22.412	ng/u1	0.00
73) Anthracene-d10	17.163	188	2430899	27.626	ng/u1	0.00
81) Pyrene-d10	19.463	212	2823731	33.396	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1881601	27.441	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	549721	5.250	ng/u1	99
80) Fluoranthene	19.128	202	1305404	12.918	ng/u1	100
82) Pyrene	19.492	202	1243495	11.994	ng/u1	99
85) Benzo(a)anthracene	21.280	228	554954	5.247	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	74372	1.042	ng/u1	97
87) Chrysene	21.345	228	614917	6.225	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	646183	7.529	ng/u1	98
91) Benzo(k)fluoranthene	23.363	252	211059m	2.506	ng/u1	
93) Benzo(a)pyrene	24.098	252	419200	5.215	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.533	276	286025	3.088	ng/u1	97
95) Dibenzo(a,h)anthracene	27.580	278	76719	1.014	ng/u1#	89
96) Benzo(g,h,i)perylene	28.562	276	279447	3.795	ng/u1	98

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

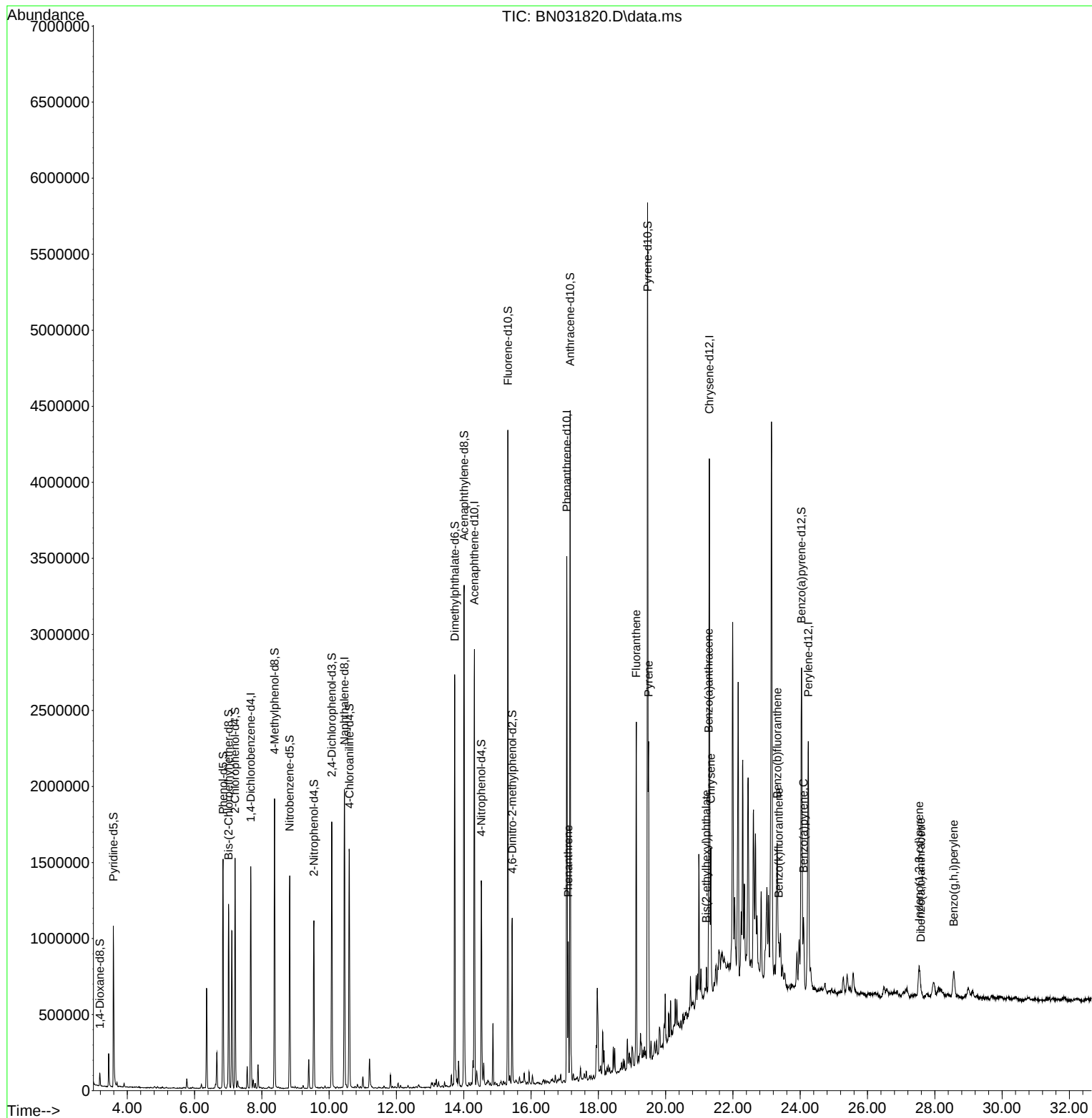
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Data File : BN031820.D
Acq On : 06 Jun 2024 15:55
Operator : MA/JU
Sample : P2634-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

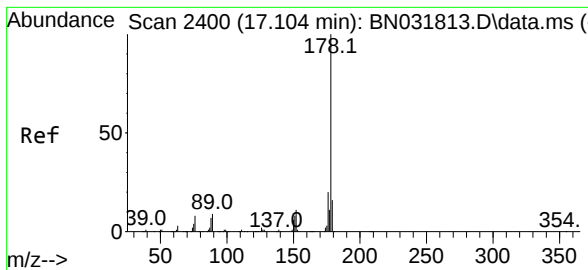
Instrument :
BNA_N
ClientSampleId :
BHBX0

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Supervised By :mohammad ahmed 06/08/2024

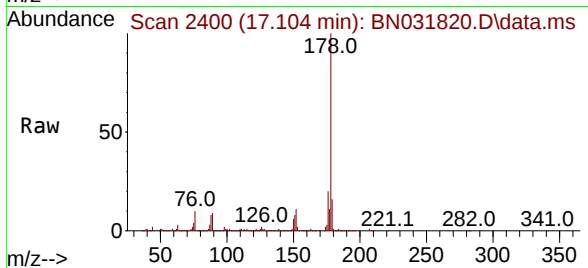
Quant Time: Jun 06 17:29:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.250 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031820.D
Acq: 06 Jun 2024 15:55

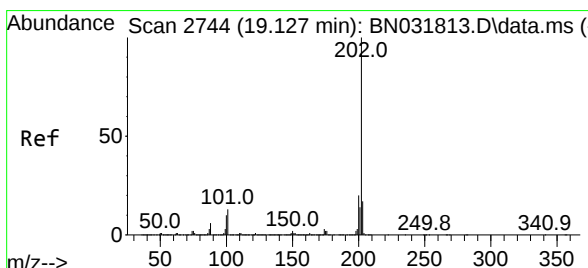
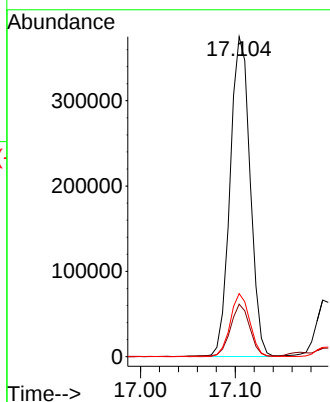
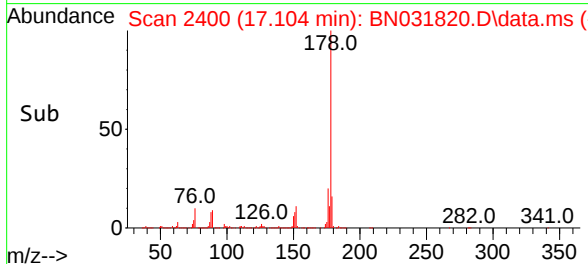
Instrument :
BNA_N
ClientSampleId :
BHBX0



Tgt Ion:178 Resp: 54972
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 19.7 15.8 23.6

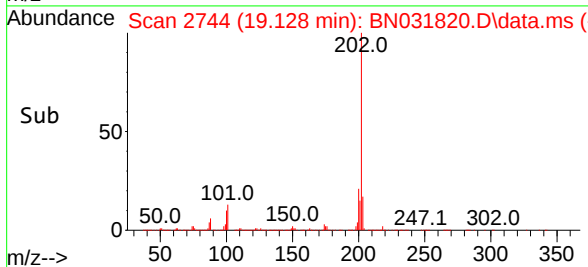
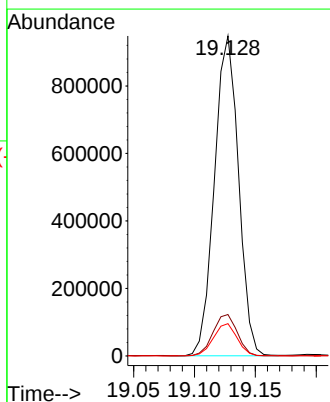
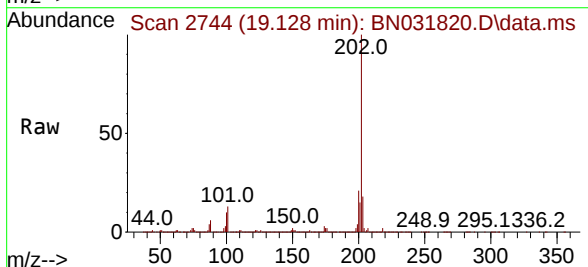
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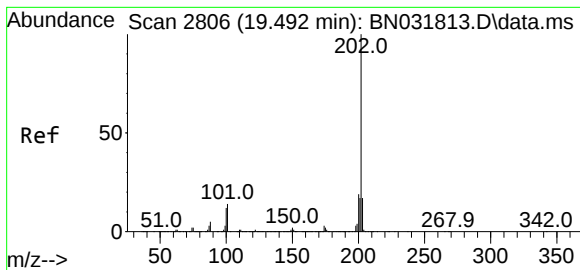
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#80
Fluoranthene
Concen: 12.918 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031820.D
Acq: 06 Jun 2024 15:55

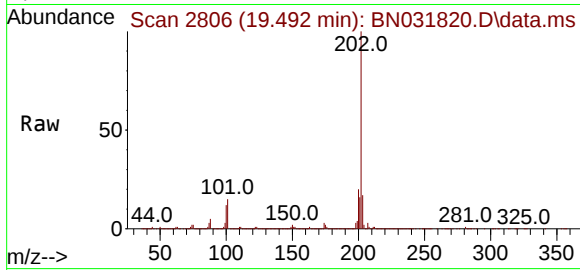
Tgt Ion:202 Resp: 1305404
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 10.1 8.0 12.0





#82
 Pyrene
 Concen: 11.994 ng/ul
 RT: 19.492 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN031820.D
 Acq: 06 Jun 2024 15:55

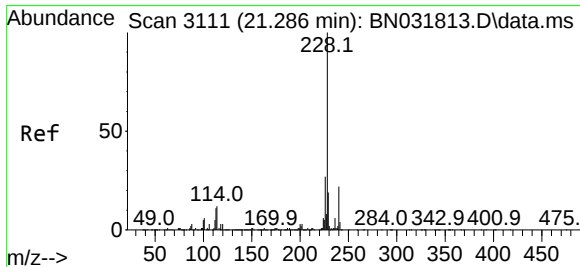
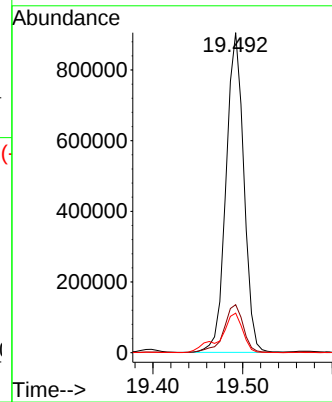
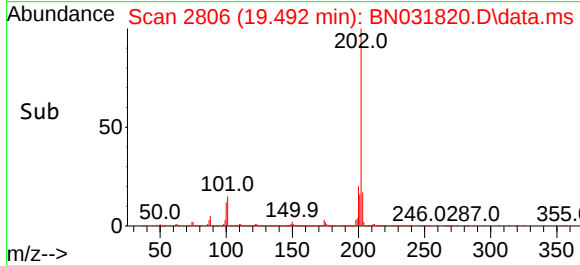
Instrument :
 BNA_N
 ClientSampleId :
 BHBX0



Tgt Ion:202 Resp: 1243495
 Ion Ratio Lower Upper
 202 100
 101 15.0 12.6 18.8
 100 12.3 10.2 15.2

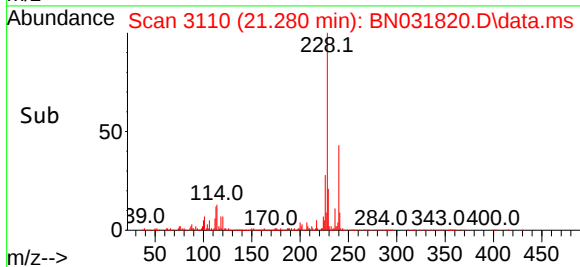
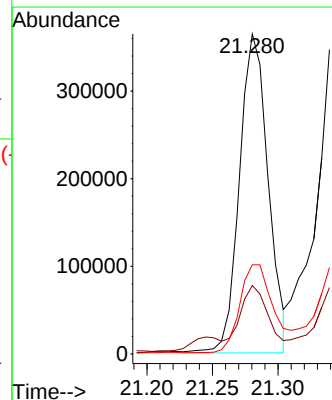
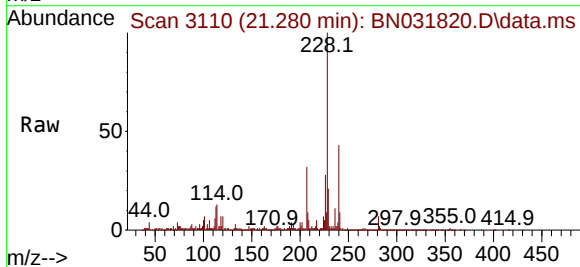
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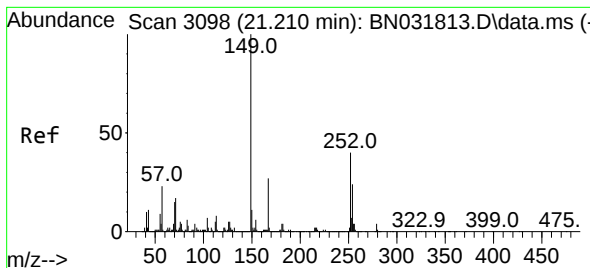
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#85
 Benzo(a)anthracene
 Concen: 5.247 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031820.D
 Acq: 06 Jun 2024 15:55

Tgt Ion:228 Resp: 554954
 Ion Ratio Lower Upper
 228 100
 229 21.4 16.7 25.1
 226 27.8 22.8 34.2





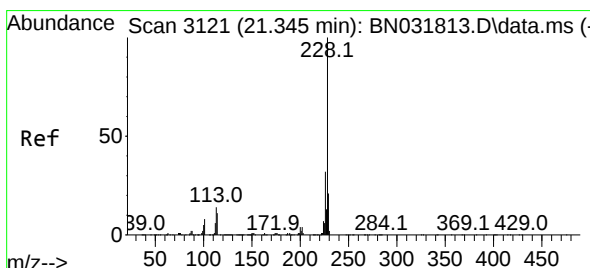
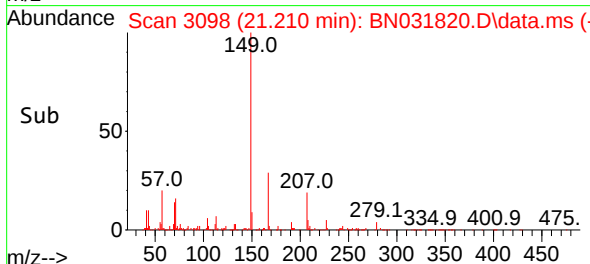
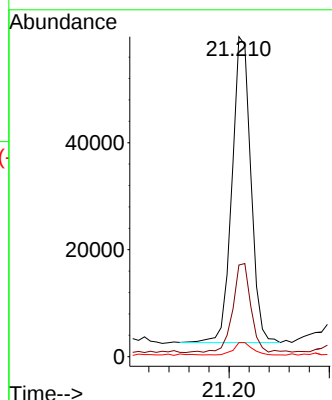
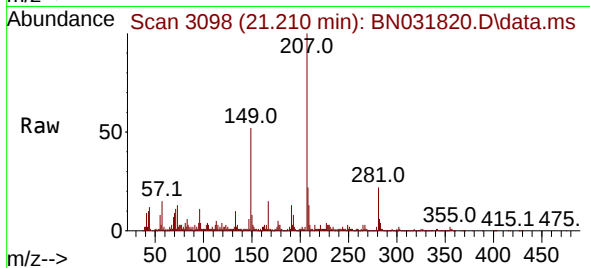
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.042 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031820.D
Acq: 06 Jun 2024 15:55

Instrument :
BNA_N
ClientSampleId :
BHBX0

Tgt Ion:149 Resp: 74372
Ion Ratio Lower Upper
149 100
167 28.7 21.4 32.0
279 4.4 3.3 4.9

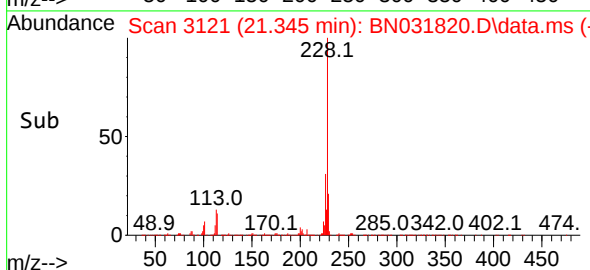
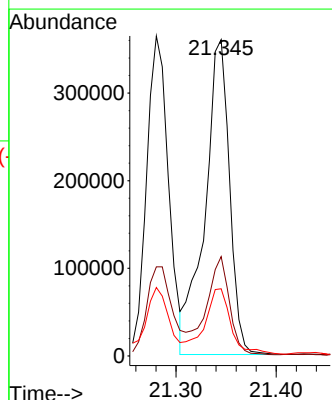
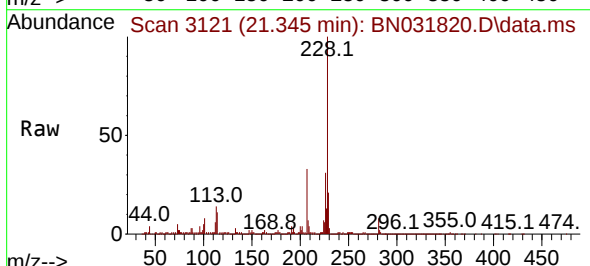
Manual Integrations
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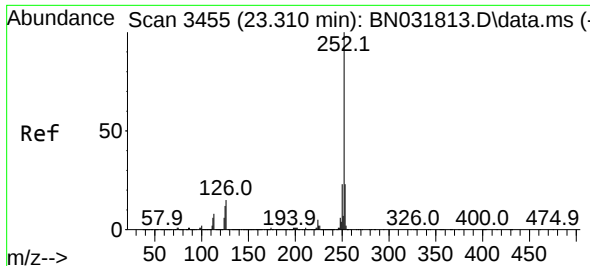
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#87
Chrysene
Concen: 6.225 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031820.D
Acq: 06 Jun 2024 15:55

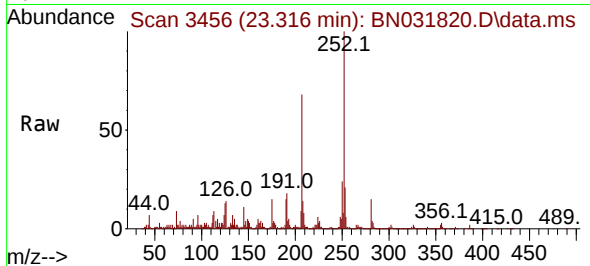
Tgt Ion:228 Resp: 614917
Ion Ratio Lower Upper
228 100
226 31.4 23.7 35.5
229 21.2 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 7.529 ng/ul
RT: 23.316 min Scan# 3455
Delta R.T. 0.006 min
Lab File: BN031820.D
Acq: 06 Jun 2024 15:55

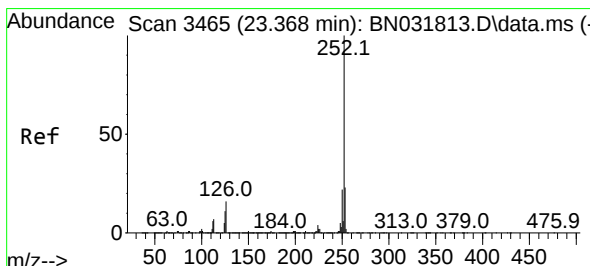
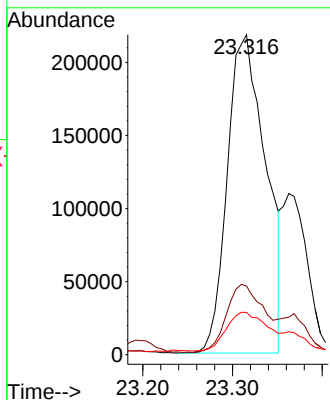
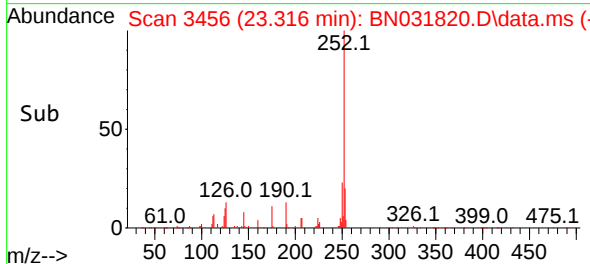
Instrument :
BNA_N
ClientSampleId :
BHBX0



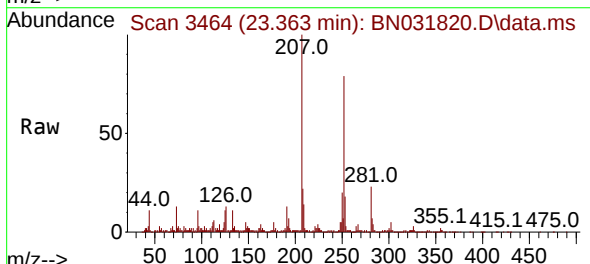
Tgt Ion:252 Resp: 64618
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 13.2 9.2 13.8

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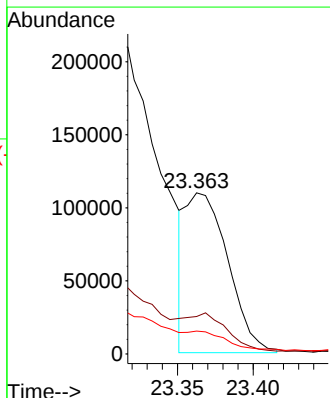
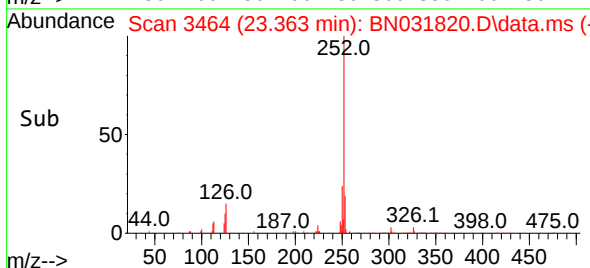
Reviewed By :Jagrut Upadhyay 06/07/2024
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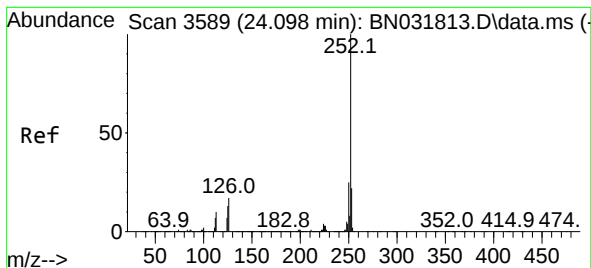


#91
Benzo(k)fluoranthene
Concen: 2.506 ng/ul m
RT: 23.363 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BN031820.D
Acq: 06 Jun 2024 15:55



Tgt Ion:252 Resp: 211059
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 14.2 9.4 14.2#





#93

Benzo(a)pyrene

Concen: 5.215 ng/ul

RT: 24.098 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BN031820.D

Acq: 06 Jun 2024 15:55

Instrument :

BNA_N

ClientSampleId :

BHBX0

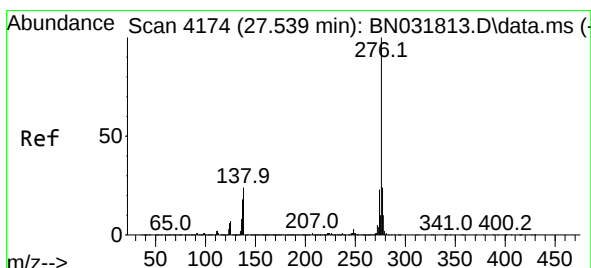
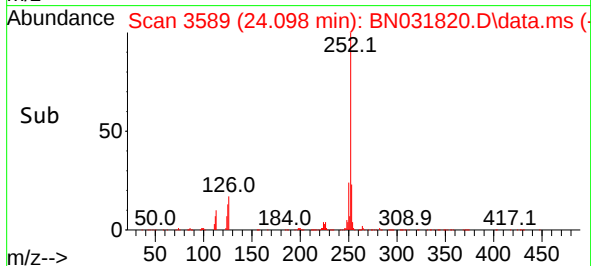
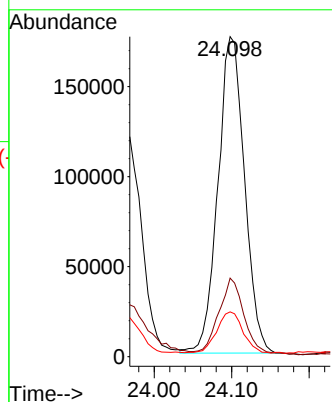
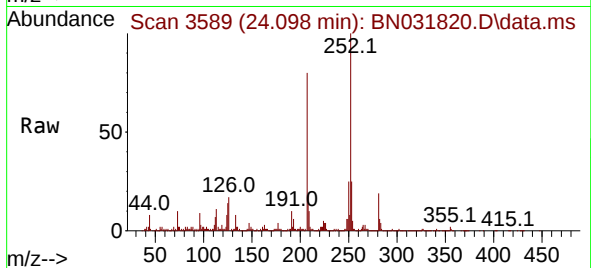
Tgt Ion:252 Resp: 419200

Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.6	24.8
125	14.0	9.8	14.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.088 ng/ul

RT: 27.533 min Scan# 4173

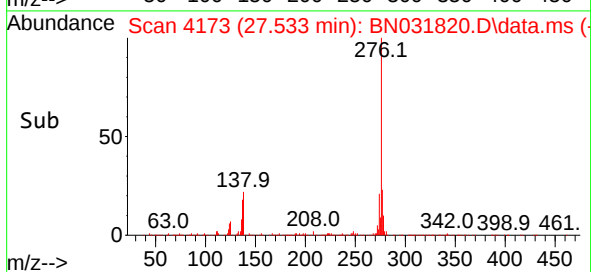
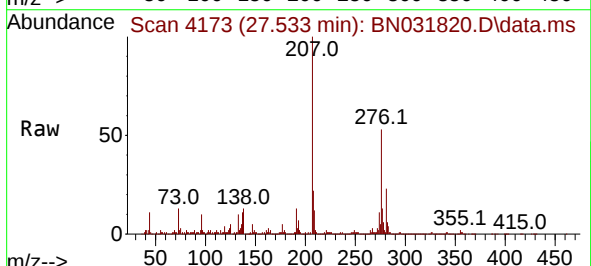
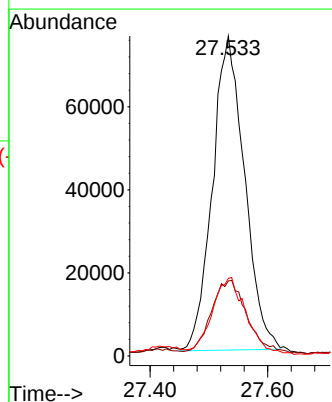
Delta R.T. -0.000 min

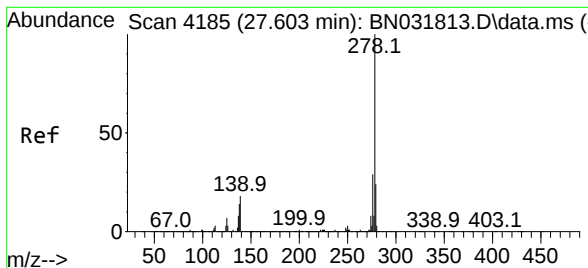
Lab File: BN031820.D

Acq: 06 Jun 2024 15:55

Tgt Ion:276 Resp: 286025

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.1	27.1
277	24.3	18.2	27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.014 ng/ul

RT: 27.580 min Scan# 4181

Delta R.T. -0.024 min

Lab File: BN031820.D

Acq: 06 Jun 2024 15:55

Instrument :

BNA_N

ClientSampleId :

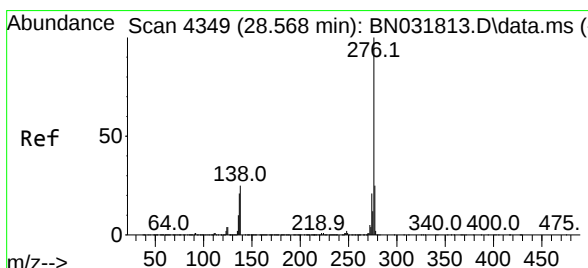
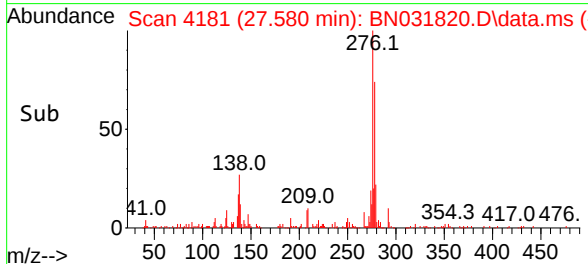
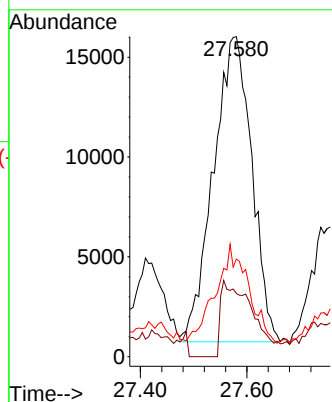
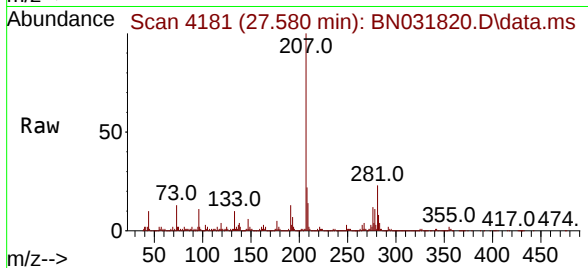
BHBX0

Tgt Ion:	278	Resp:	76719
Ion Ratio	Lower	Upper	
278	100		
139	19.8	15.0	22.6
279	30.5	17.4	26.0

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#96

Benzo(g,h,i)perylene

Concen: 3.795 ng/ul

RT: 28.562 min Scan# 4348

Delta R.T. -0.006 min

Lab File: BN031820.D

Acq: 06 Jun 2024 15:55

Tgt Ion:	276	Resp:	279447
Ion Ratio	Lower	Upper	
276	100		
138	24.0	20.9	31.3
277	22.7	18.0	27.0

