

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031761.D
 Acq On : 03 Jun 2024 15:57
 Operator : MA/JU
 Sample : P2590-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBL4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 16:31:00 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	7.681	152	565271	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2505265	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1539738	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2803147	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1676677	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1838743	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	40104	2.935	ng/uL	0.00
4) Pyridine-d5	3.599	84	298095	7.750	ng/u1	0.00
7) Phenol-d5	6.852	99	949633	19.596	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	547043	19.299	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	761606	20.598	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	710744	17.993	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	412356	21.527	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	429304	21.696	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	789306	21.367	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	830794	15.147	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2389936	22.280	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2800359	22.704	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	291670	13.580	ng/u1	0.00
60) Fluorene-d10	15.316	176	2028251	22.347	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	127935	9.080	ng/u1	0.00
73) Anthracene-d10	17.169	188	2696917	22.473	ng/u1	0.00
81) Pyrene-d10	19.469	212	2699252	30.084	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2047847	23.324	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	1484729	10.398	ng/u1	99
74) Anthracene	17.204	178	300223	2.075	ng/u1	98
77) Carbazole	17.475	167	132616	1.075	ng/u1	98
80) Fluoranthene	19.133	202	2153705	20.085	ng/u1	99
82) Pyrene	19.498	202	1926977	17.516	ng/u1	97
85) Benzo(a)anthracene	21.286	228	822427	7.328	ng/u1	98
87) Chrysene	21.345	228	872978	8.328	ng/u1	99
90) Benzo(b)fluoranthene	23.316	252	1010828	9.197	ng/u1	96
91) Benzo(k)fluoranthene	23.374	252	337097	3.126	ng/u1	98
93) Benzo(a)pyrene	24.104	252	716201	6.958	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.545	276	499905	4.214	ng/u1	98
95) Dibenzo(a,h)anthracene	27.586	278	131573m	1.359	ng/u1	
96) Benzo(g,h,i)perylene	28.586	276	462583	4.906	ng/u1	98

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

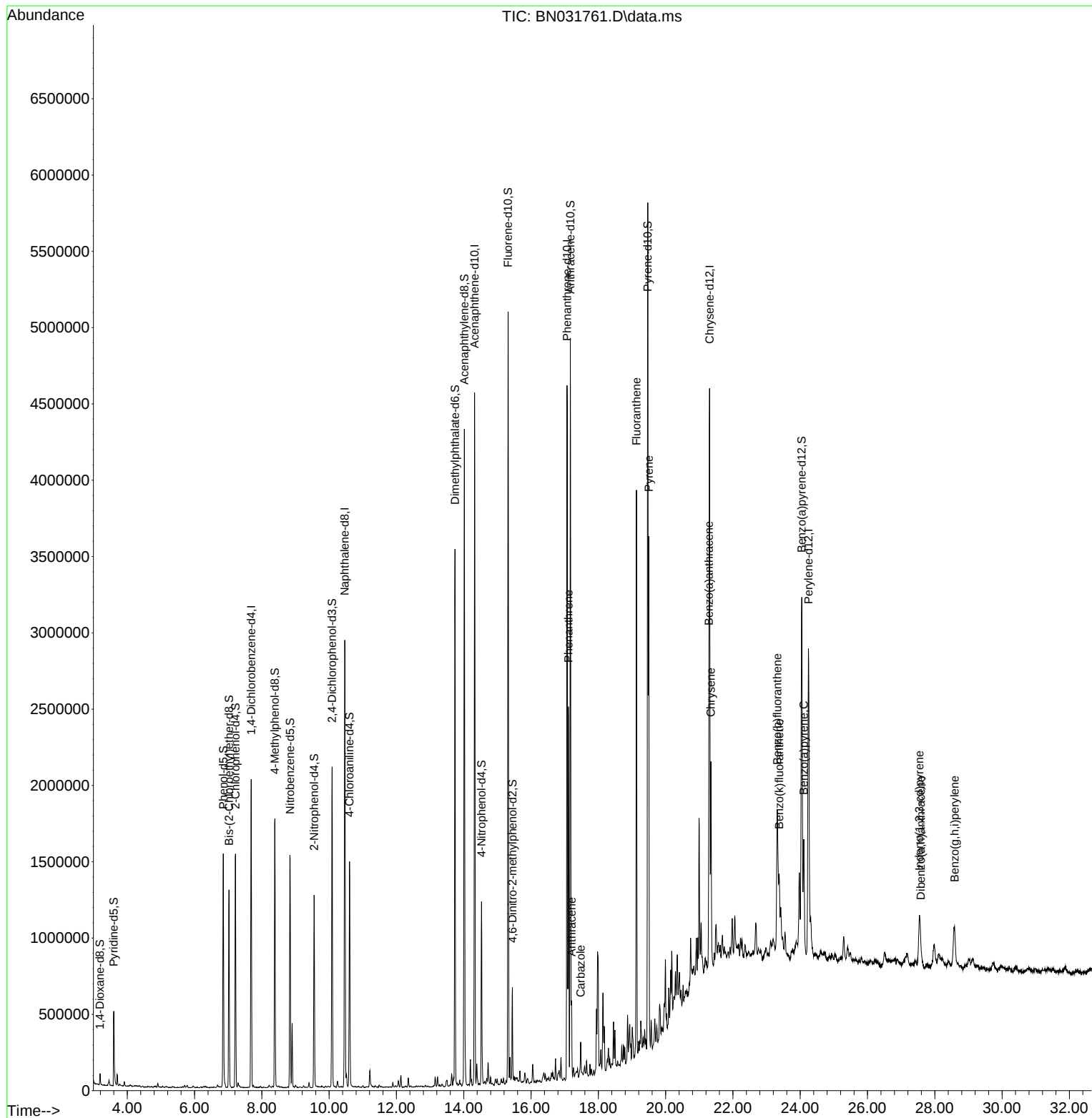
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031761.D
 Acq On : 03 Jun 2024 15:57
 Operator : MA/JU
 Sample : P2590-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

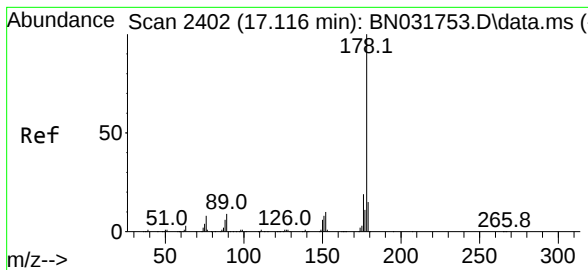
Instrument :
 BNA_N
 ClientSampleId :
 BHBL4

Quant Time: Jun 03 16:31:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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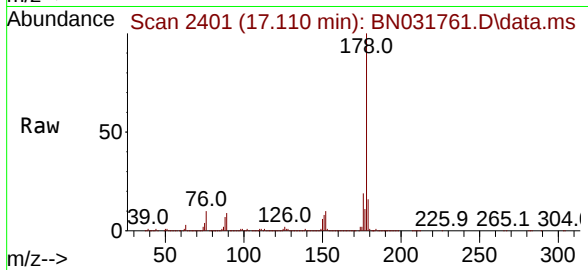
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024





#72
Phenanthrene
Concen: 10.398 ng/u1
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031761.D
Acq: 03 Jun 2024 15:57

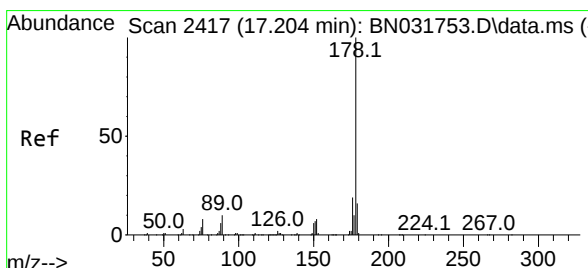
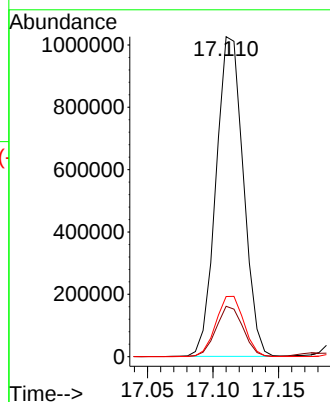
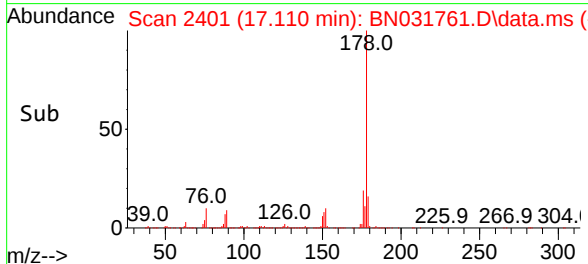
Instrument :
BNA_N
ClientSampleId :
BHBL4



Tgt Ion:178 Resp: 1484729
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.8 15.8 23.6

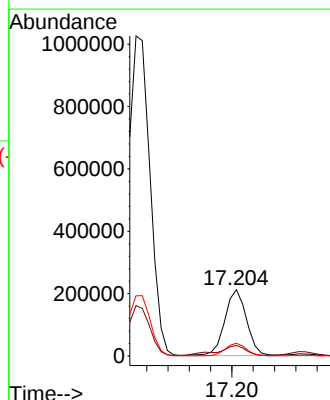
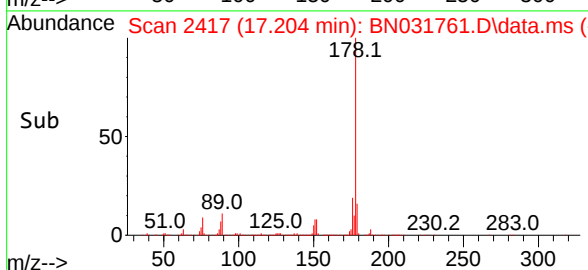
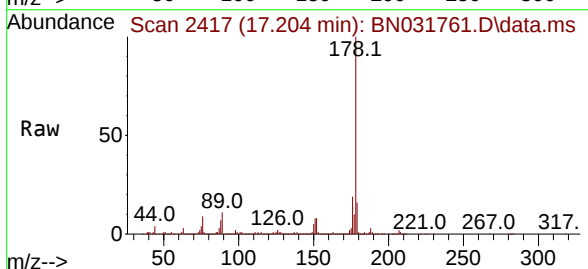
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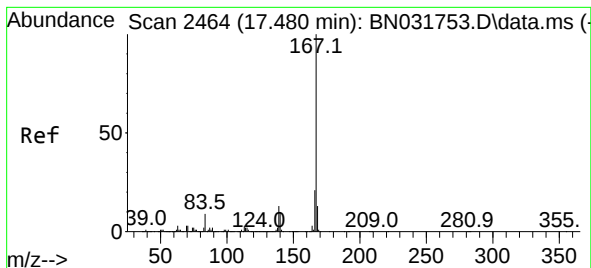
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#74
Anthracene
Concen: 2.075 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031761.D
Acq: 03 Jun 2024 15:57

Tgt Ion:178 Resp: 300223
Ion Ratio Lower Upper
178 100
179 16.1 11.8 17.6
176 19.1 14.8 22.2





#77

Carbazole

Concen: 1.075 ng/ul

RT: 17.475 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BN031761.D

Acq: 03 Jun 2024 15:57

Instrument :

BNA_N

ClientSampleId :

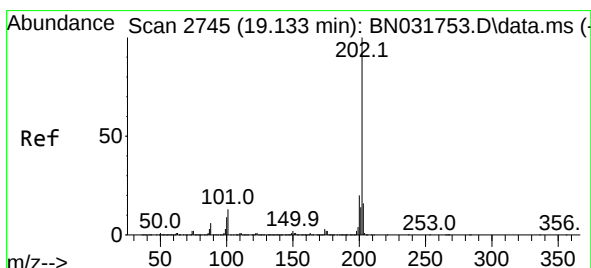
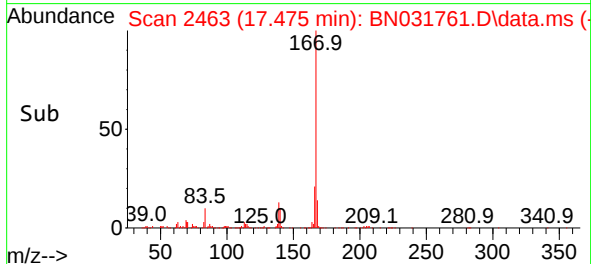
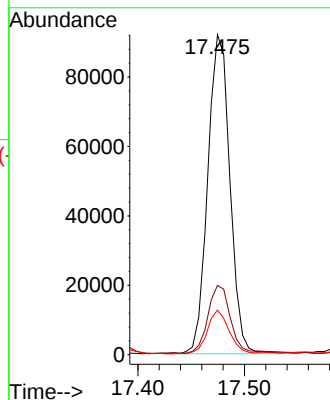
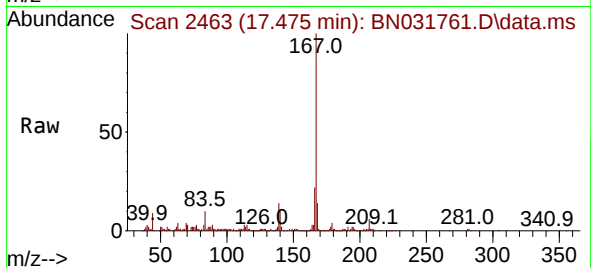
BHBL4

Tgt Ion:167 Resp: 132610
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 14.0 10.5 15.7

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 Supervised By :mohammad ahmed 06/05/2024



#80

Fluoranthene

Concen: 20.085 ng/ul

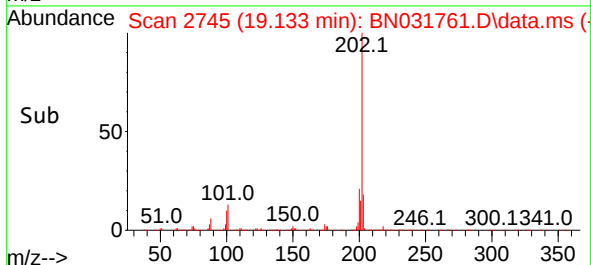
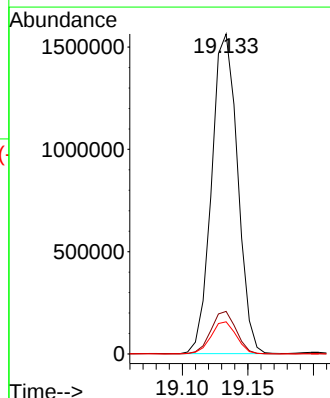
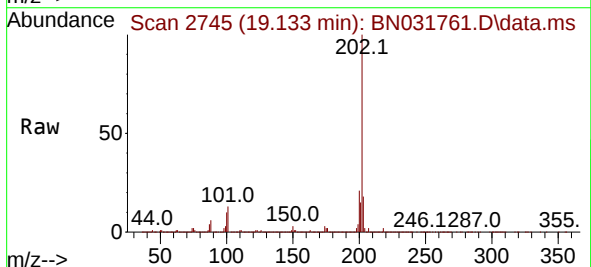
RT: 19.133 min Scan# 2745

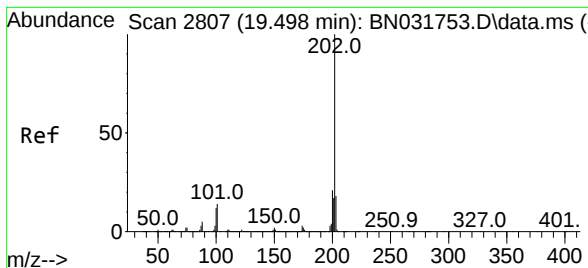
Delta R.T. -0.000 min

Lab File: BN031761.D

Acq: 03 Jun 2024 15:57

Tgt Ion:202 Resp: 2153705
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.3 15.5
 100 10.0 8.0 12.0





#82

Pyrene

Concen: 17.516 ng/ul

RT: 19.498 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BN031761.D

Acq: 03 Jun 2024 15:57

Instrument :

BNA_N

ClientSampleId :

BHBL4

Tgt Ion:202 Resp: 192697

Ion Ratio Lower Upper

202 100

101 14.3 12.6 18.8

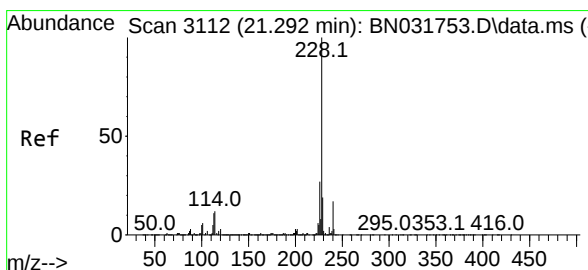
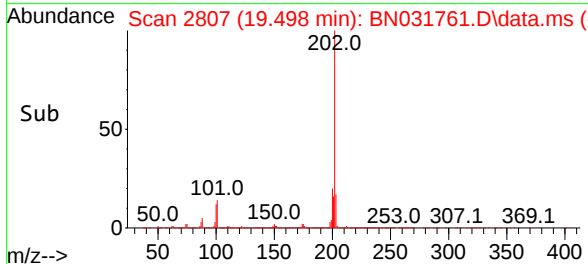
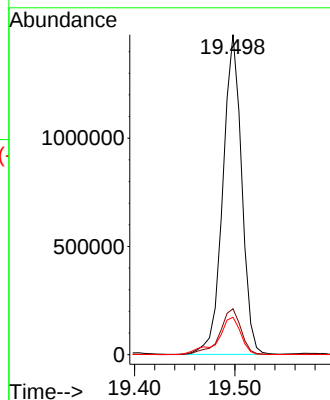
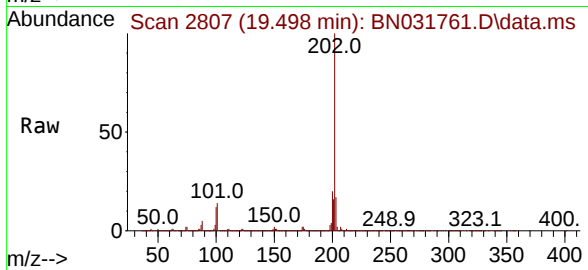
100 11.7 10.2 15.2

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Supervised By :mohammad ahmed 06/05/2024



#85

Benzo(a)anthracene

Concen: 7.328 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031761.D

Acq: 03 Jun 2024 15:57

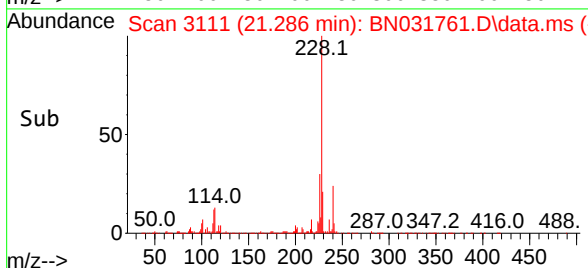
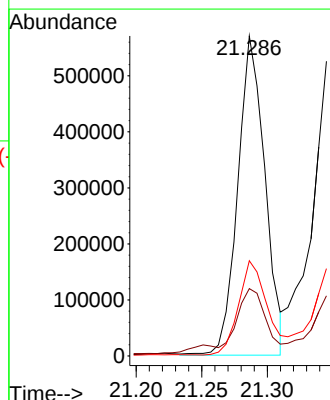
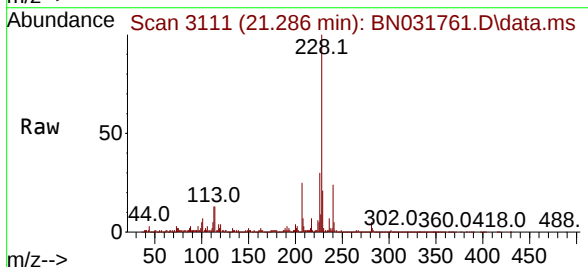
Tgt Ion:228 Resp: 822427

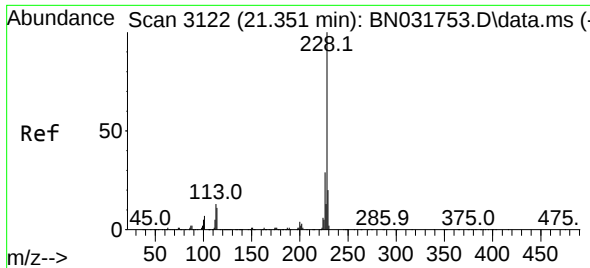
Ion Ratio Lower Upper

228 100

229 21.1 16.7 25.1

226 29.7 22.8 34.2





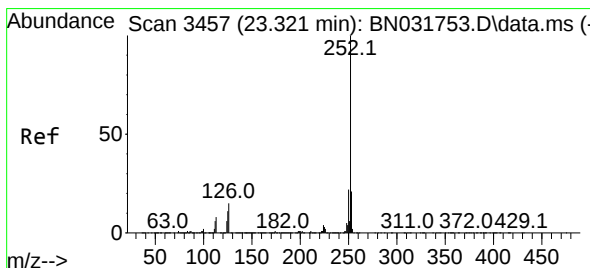
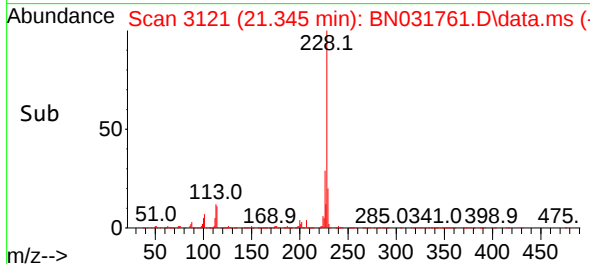
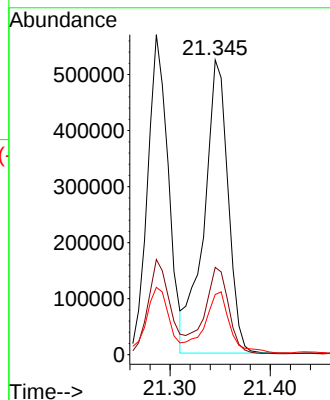
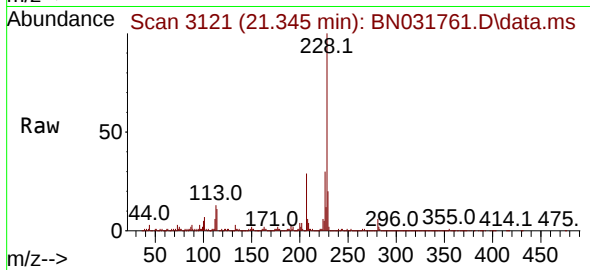
#87
Chrysene
Concen: 8.328 ng/ul
RT: 21.345 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BN031761.D
Acq: 03 Jun 2024 15:57

Instrument :
BNA_N
ClientSampleId :
BHBL4

Tgt Ion:228 Resp: 872978
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 20.4 15.1 22.7

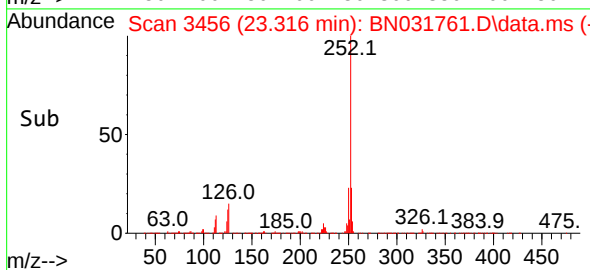
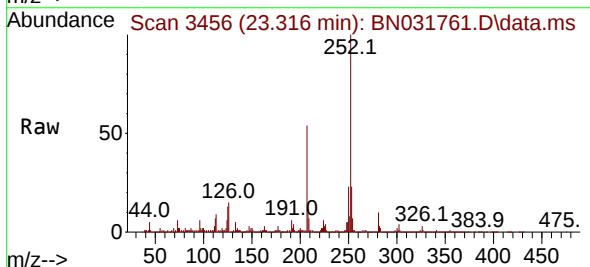
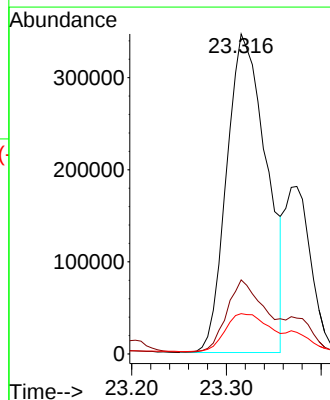
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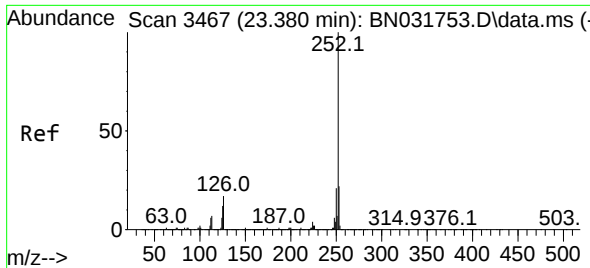
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#90
Benzo(b)fluoranthene
Concen: 9.197 ng/ul
RT: 23.316 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031761.D
Acq: 03 Jun 2024 15:57

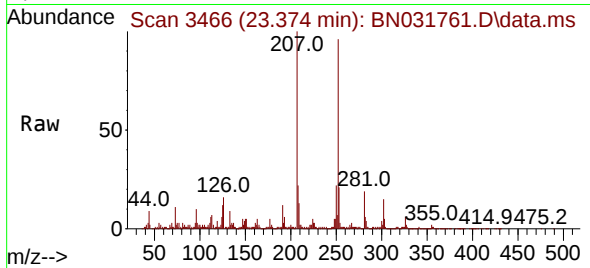
Tgt Ion:252 Resp: 1010828
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 12.6 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 3.126 ng/ul
RT: 23.374 min Scan# 3467
Delta R.T. -0.000 min
Lab File: BN031761.D
Acq: 03 Jun 2024 15:57

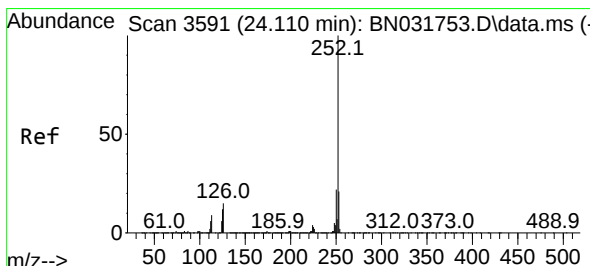
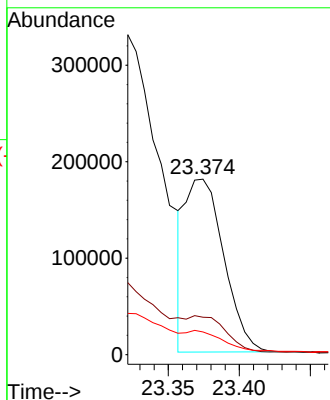
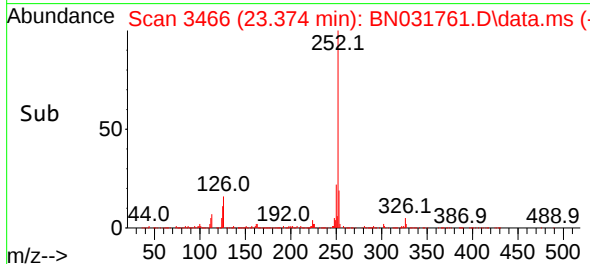
Instrument :
BNA_N
ClientSampleId :
BHBL4



Tgt Ion:252 Resp: 33709
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 12.9 9.4 14.2

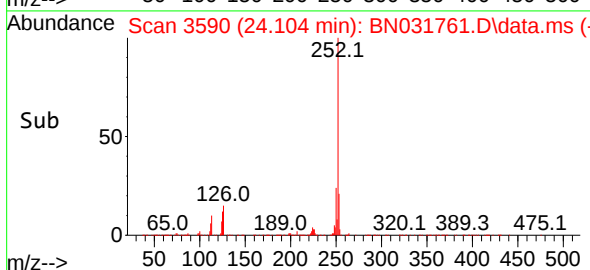
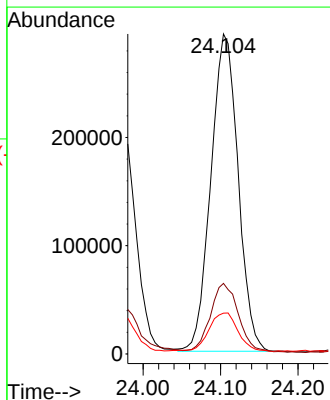
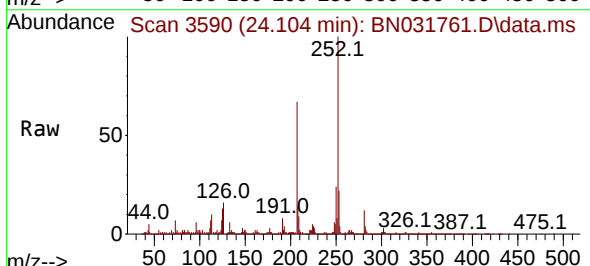
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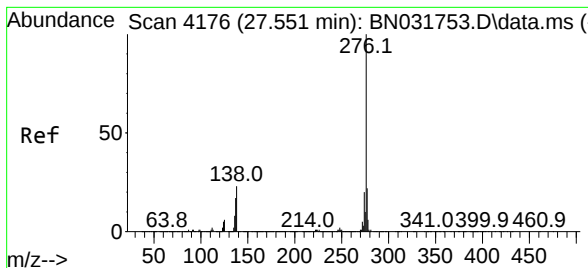
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#93
Benzo(a)pyrene
Concen: 6.958 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN031761.D
Acq: 03 Jun 2024 15:57

Tgt Ion:252 Resp: 716201
Ion Ratio Lower Upper
252 100
253 22.1 16.6 24.8
125 12.8 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.214 ng/ul

RT: 27.545 min Scan# 4175

Delta R.T. 0.012 min

Lab File: BN031761.D

Acq: 03 Jun 2024 15:57

Instrument :

BNA_N

ClientSampleId :

BHBL4

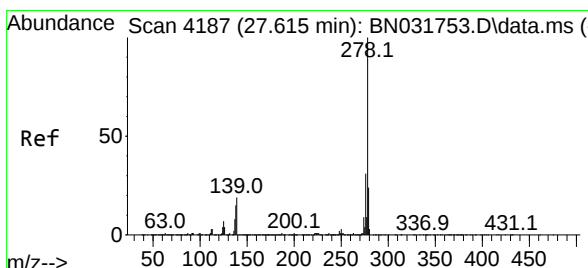
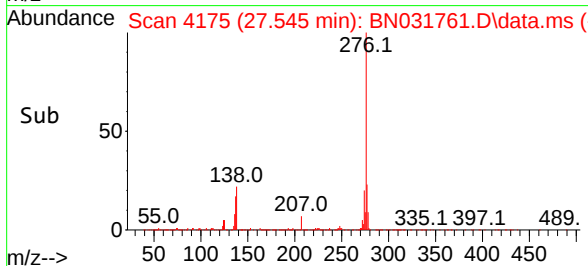
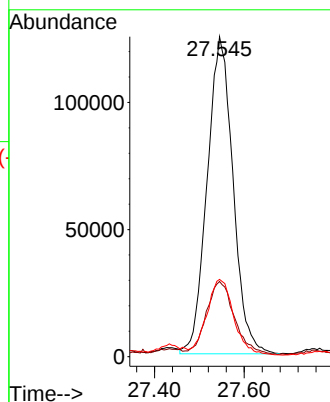
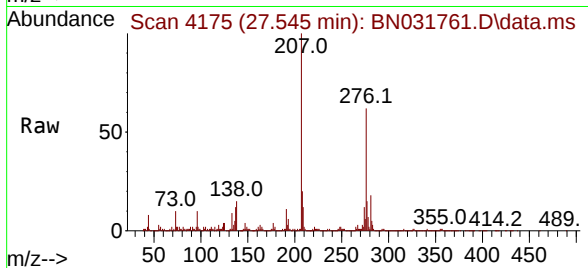
Tgt Ion:276 Resp: 499908

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.1	27.1
277	24.2	18.2	27.2

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.359 ng/ul m

RT: 27.586 min Scan# 4182

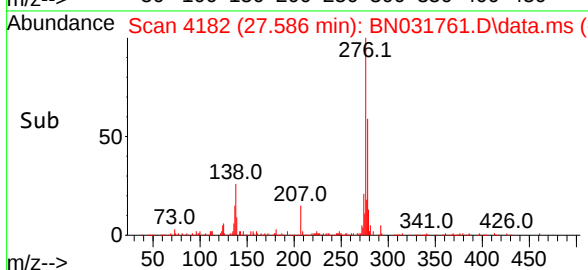
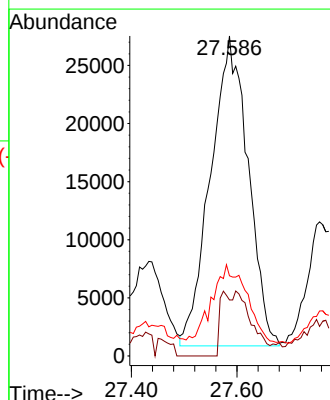
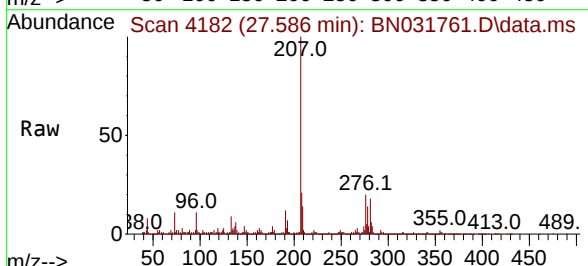
Delta R.T. -0.018 min

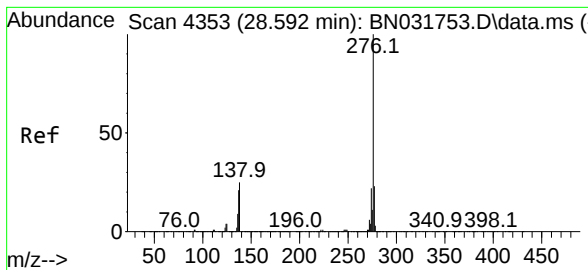
Lab File: BN031761.D

Acq: 03 Jun 2024 15:57

Tgt Ion:278 Resp: 131573

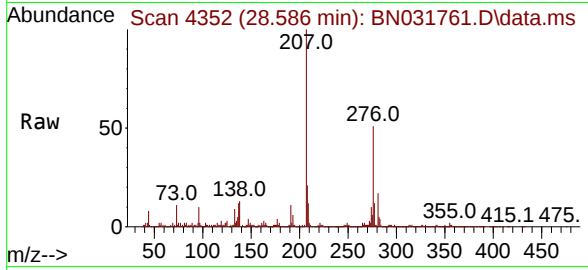
Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.0	22.6
279	25.1	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 4.906 ng/ul
 RT: 28.586 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: BN031761.D
 Acq: 03 Jun 2024 15:57

Instrument :
 BNA_N
 ClientSampleId :
 BHBL4



Tgt Ion:	276	Resp:	46258
Ion Ratio	Lower	Upper	
276	100		
138	25.5	20.9	31.3
277	23.5	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
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