

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031757.D
 Acq On : 03 Jun 2024 13:18
 Operator : MA/JU
 Sample : P2590-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBK9

Manual Integrations
 APPROVED

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

Quant Time: Jun 03 13:54:08 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	548426	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2398318	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1427573	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2440759	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1654438	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1954793	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	25179	1.899	ng/uL	0.00
4) Pyridine-d5	3.599	84	205111	5.497	ng/u1	0.00
7) Phenol-d5	6.852	99	631209	13.426	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	380284	13.828	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	514433	14.340	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	463222	12.087	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	280143	15.277	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	288810	15.247	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	523722	14.810	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	549411	10.464	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1566628	15.752	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1842508	16.112	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	146184	7.341	ng/u1	0.00
60) Fluorene-d10	15.316	176	1333018	15.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	108251	8.824	ng/u1	0.00
73) Anthracene-d10	17.169	188	1652950	15.819	ng/u1	0.00
81) Pyrene-d10	19.469	212	1686975	19.055	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1514505	16.225	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	1302934	10.479	ng/u1	99
74) Anthracene	17.204	178	228252	1.812	ng/u1	100
80) Fluoranthene	19.133	202	2006842	18.967	ng/u1	99
82) Pyrene	19.498	202	1734798	15.981	ng/u1	98
85) Benzo(a)anthracene	21.292	228	791154	7.144	ng/u1	99
87) Chrysene	21.345	228	863000	8.343	ng/u1	98
90) Benzo(b)fluoranthene	23.315	252	1042777	8.925	ng/u1	98
91) Benzo(k)fluoranthene	23.368	252	365801m	3.190	ng/u1	
93) Benzo(a)pyrene	24.104	252	747592	6.831	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.545	276	529348	4.198	ng/u1	96
95) Dibenzo(a,h)anthracene	27.598	278	134534m	1.307	ng/u1	
96) Benzo(g,h,i)perylene	28.586	276	509422	5.082	ng/u1	98

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

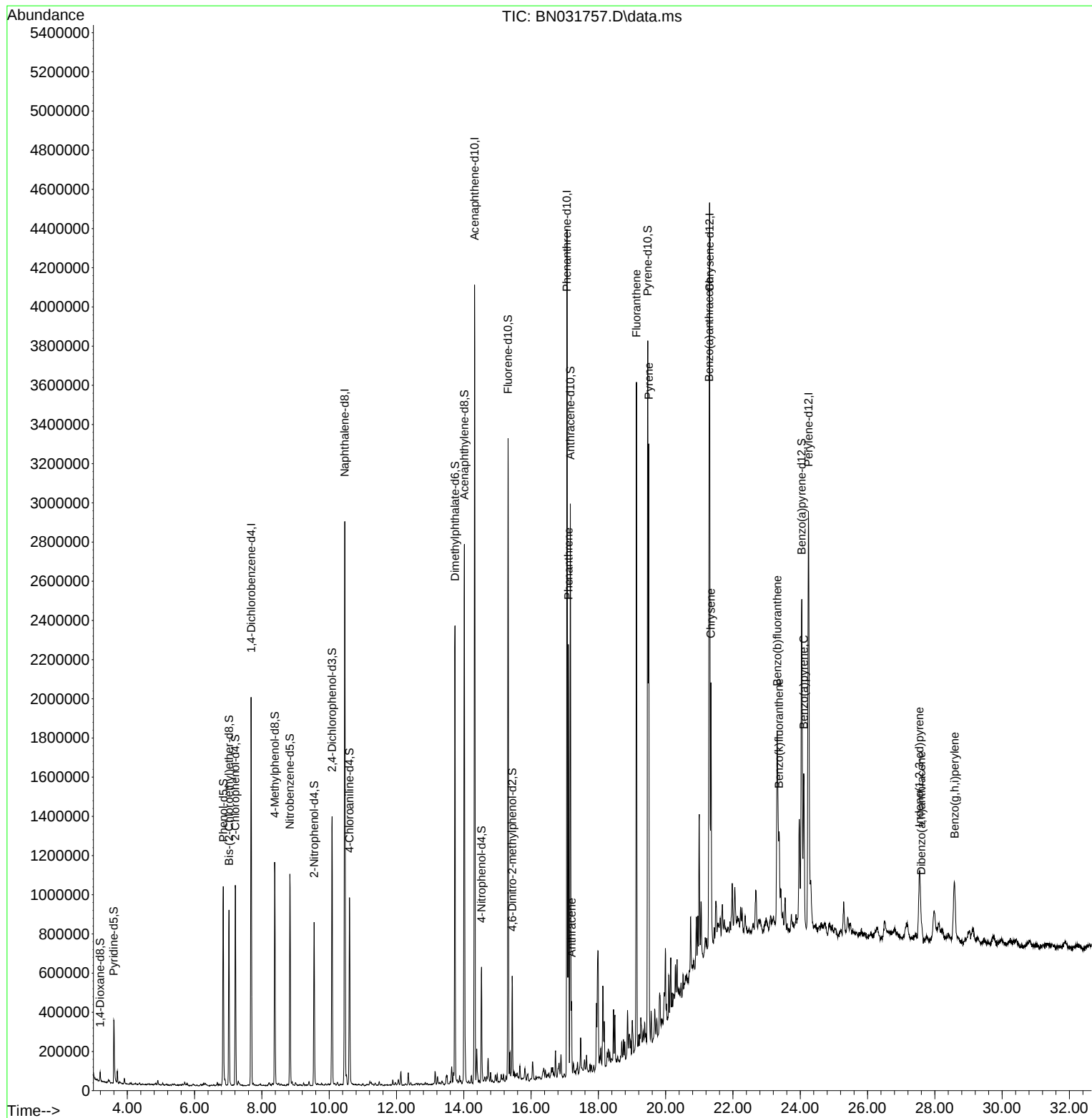
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031757.D
 Acq On : 03 Jun 2024 13:18
 Operator : MA/JU
 Sample : P2590-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

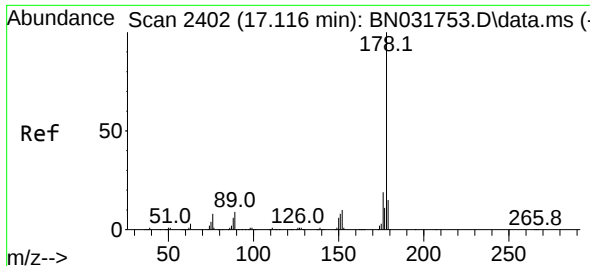
Instrument :
 BNA_N
 ClientSampleId :
 BHBK9

Manual Integrations APPROVED

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

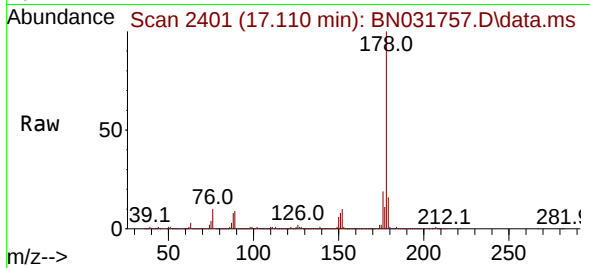
Quant Time: Jun 03 13:54:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration





#72
Phenanthrene
Concen: 10.479 ng/u1
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031757.D
Acq: 03 Jun 2024 13:18

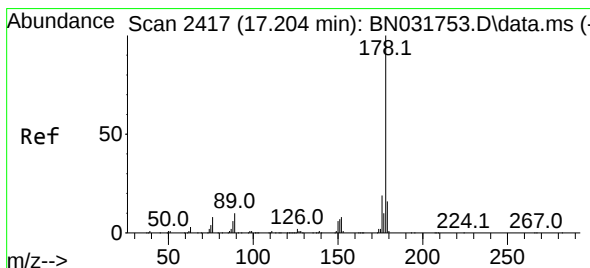
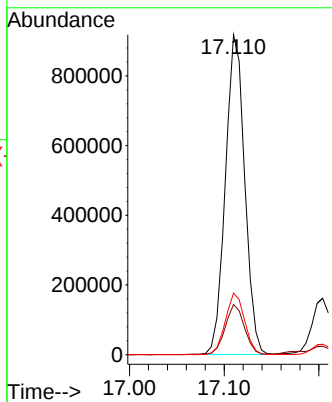
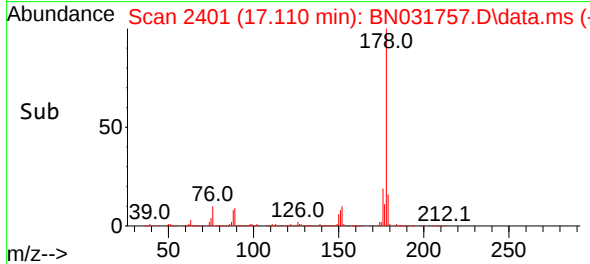
Instrument :
BNA_N
ClientSampleId :
BHBK9



Tgt Ion:178 Resp: 1302934
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.3 15.8 23.6

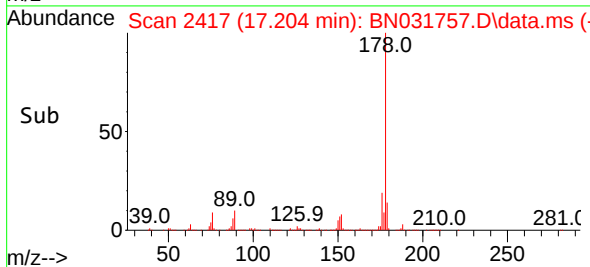
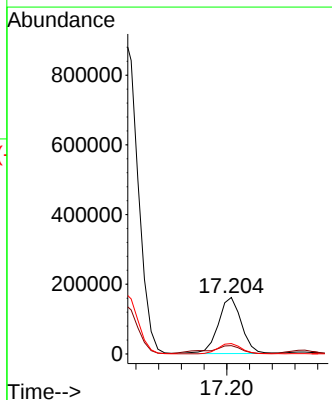
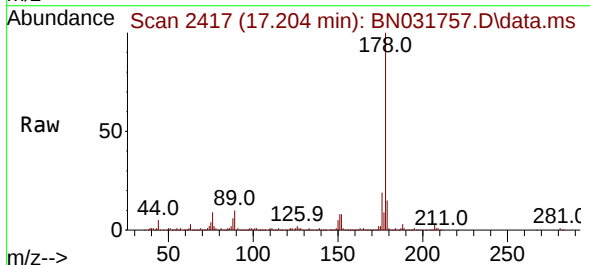
Manual Integrations
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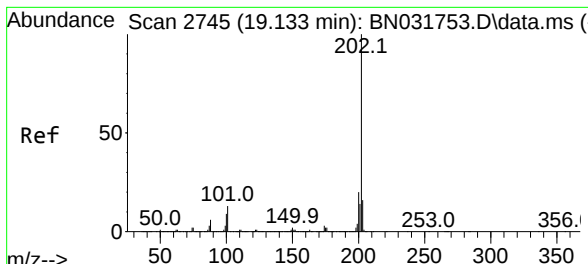
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#74
Anthracene
Concen: 1.812 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031757.D
Acq: 03 Jun 2024 13:18

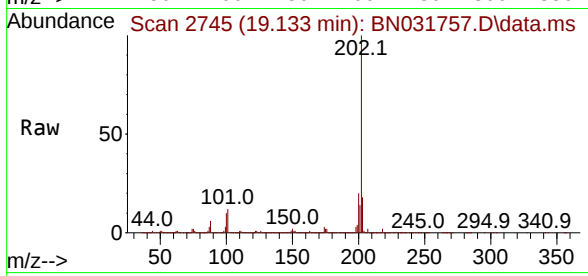
Tgt Ion:178 Resp: 228252
Ion Ratio Lower Upper
178 100
179 14.7 11.8 17.6
176 18.5 14.8 22.2





#80
 Fluoranthene
 Concen: 18.967 ng/ul
 RT: 19.133 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN031757.D
 Acq: 03 Jun 2024 13:18

Instrument : BNA_N
 ClientSampleId : BHBK9

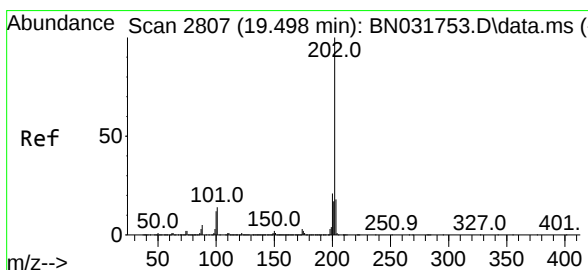
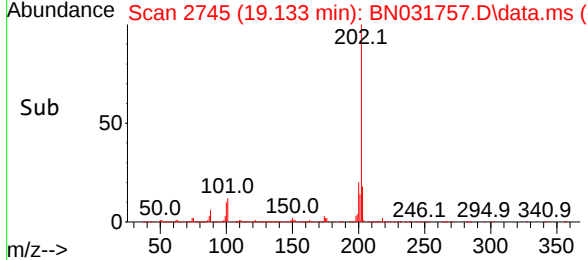
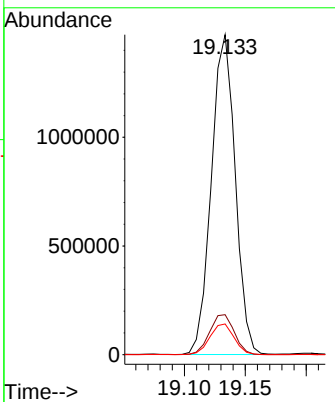


Tgt Ion:202 Resp: 200684

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.3	15.5
100	9.6	8.0	12.0

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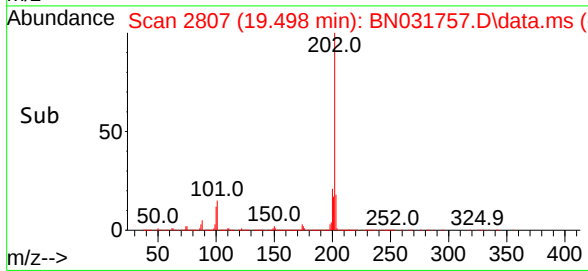
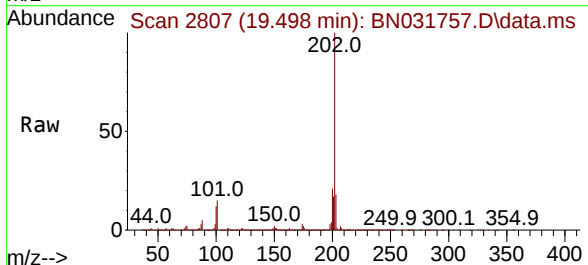
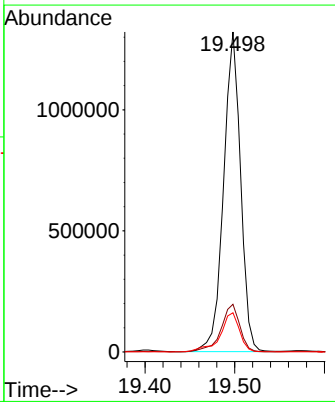
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

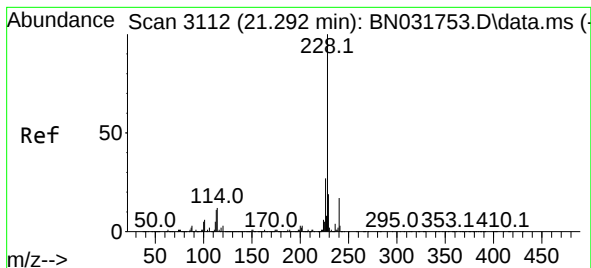


#82
 Pyrene
 Concen: 15.981 ng/ul
 RT: 19.498 min Scan# 2807
 Delta R.T. 0.006 min
 Lab File: BN031757.D
 Acq: 03 Jun 2024 13:18

Tgt Ion:202 Resp: 1734798

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.6	18.8
100	12.2	10.2	15.2





#85

Benzo(a)anthracene

Concen: 7.144 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BN031757.D

Acq: 03 Jun 2024 13:18

Instrument :

BNA_N

ClientSampleId :

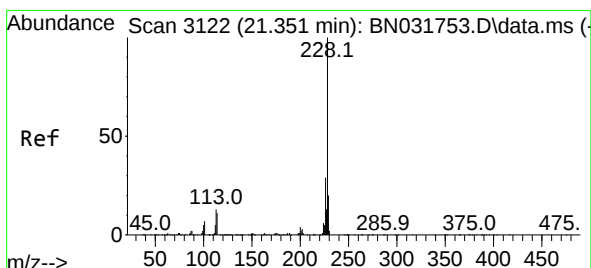
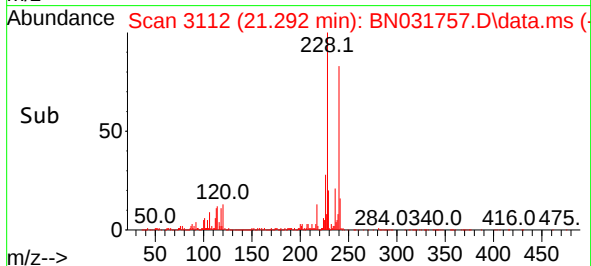
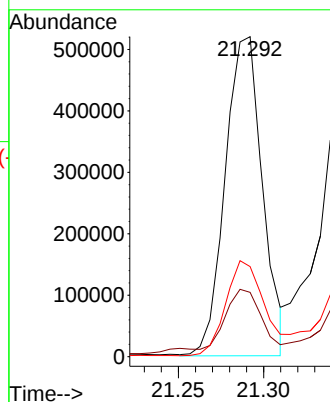
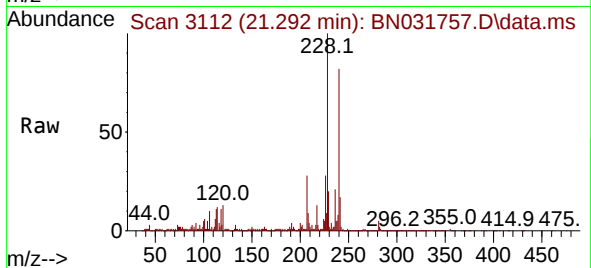
BHBK9

Tgt Ion:	228	Resp:	791154
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.7	25.1
226	28.2	22.8	34.2

Manual Integrations

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



#87

Chrysene

Concen: 8.343 ng/ul

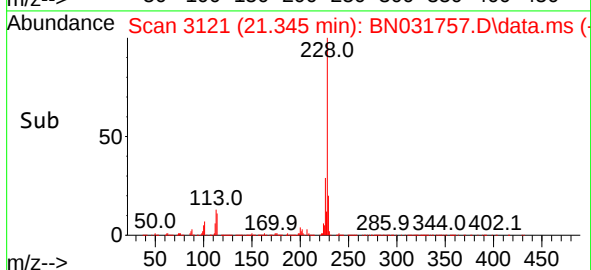
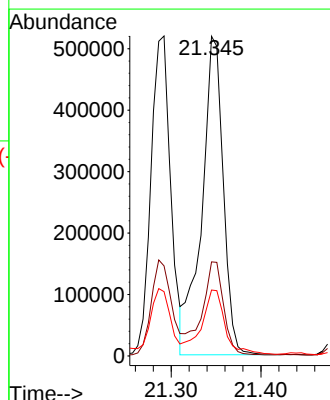
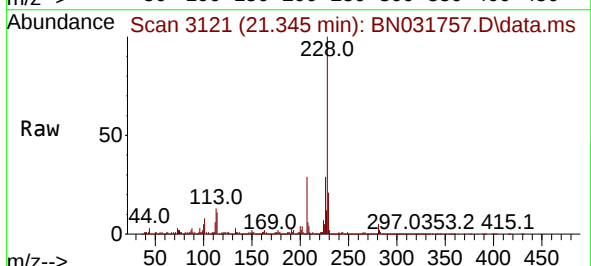
RT: 21.345 min Scan# 3121

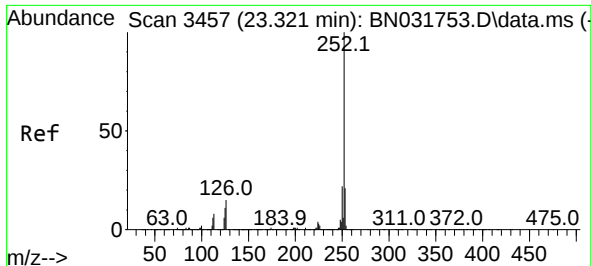
Delta R.T. -0.006 min

Lab File: BN031757.D

Acq: 03 Jun 2024 13:18

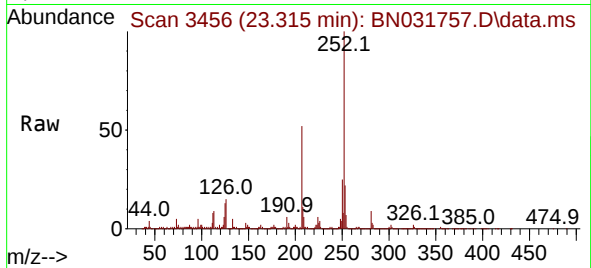
Tgt Ion:	228	Resp:	863000
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.7	35.5
229	20.6	15.1	22.7





#90
Benzo(b)fluoranthene
Concen: 8.925 ng/ul
RT: 23.315 min Scan# 3457
Delta R.T. 0.006 min
Lab File: BN031757.D
Acq: 03 Jun 2024 13:18

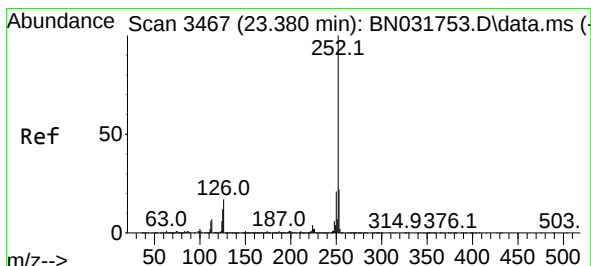
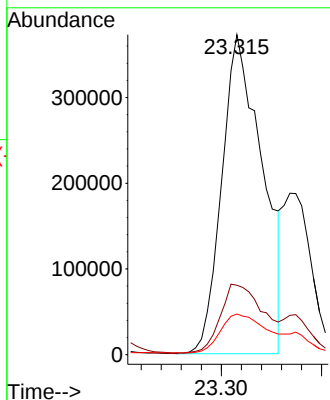
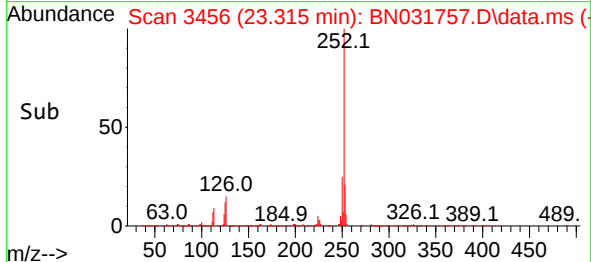
Instrument :
BNA_N
ClientSampleId :
BHBK9



Tgt Ion:252 Resp: 104277
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.7 9.2 13.8

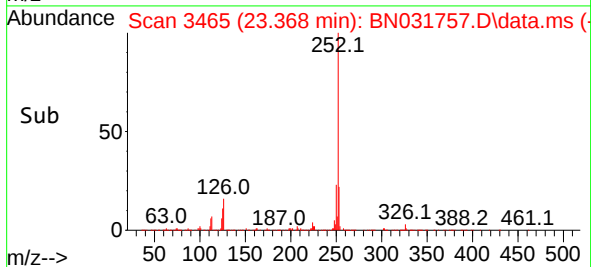
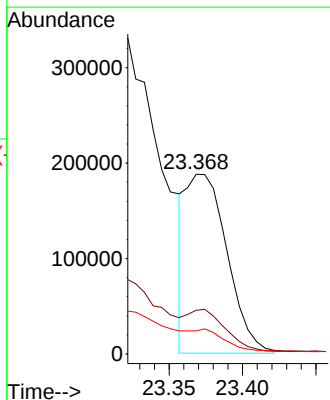
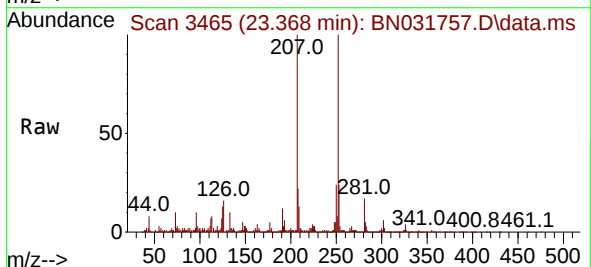
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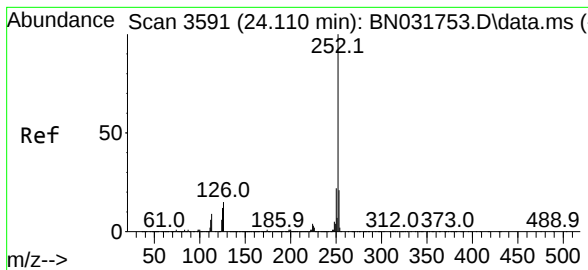
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#91
Benzo(k)fluoranthene
Concen: 3.190 ng/ul m
RT: 23.368 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031757.D
Acq: 03 Jun 2024 13:18

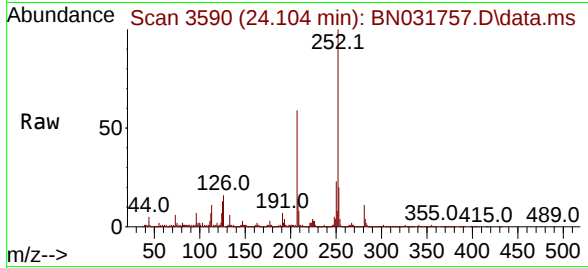
Tgt Ion:252 Resp: 365801
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 12.8 9.4 14.2





#93
Benzo(a)pyrene
Concen: 6.831 ng/ul
RT: 24.104 min Scan# 3591
Delta R.T. -0.000 min
Lab File: BN031757.D
Acq: 03 Jun 2024 13:18

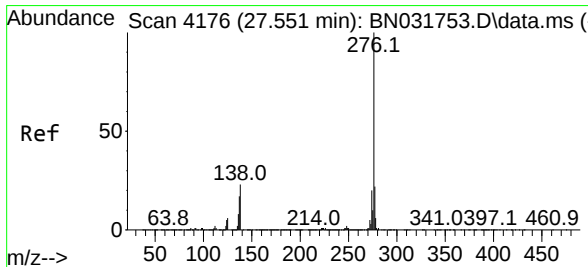
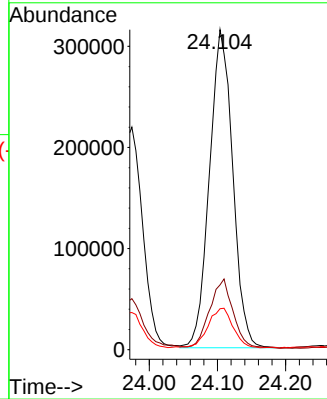
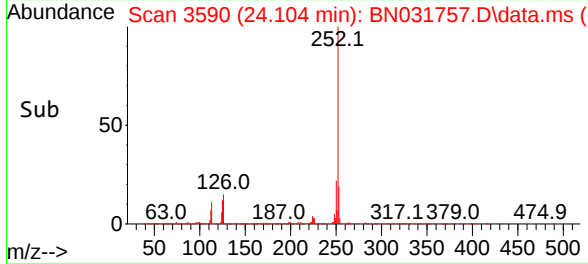
Instrument :
BNA_N
ClientSampleId :
BHBK9



Tgt Ion:252 Resp: 747592
Ion Ratio Lower Upper
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253 20.3 16.6 24.8
125 12.8 9.8 14.8

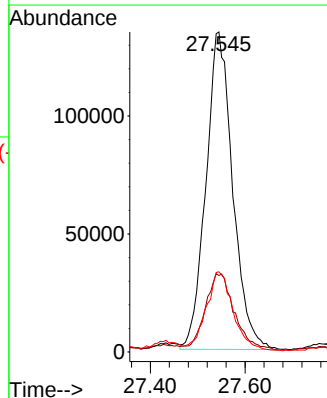
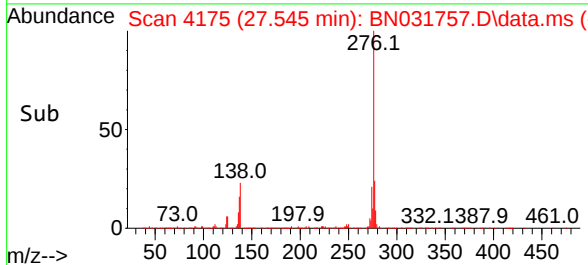
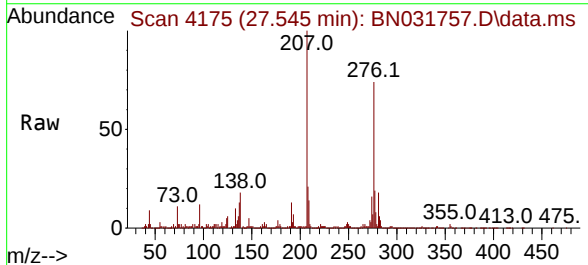
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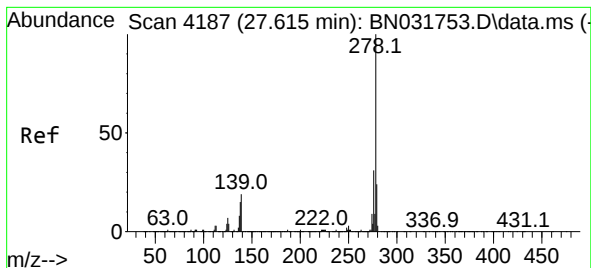
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.198 ng/ul
RT: 27.545 min Scan# 4175
Delta R.T. 0.012 min
Lab File: BN031757.D
Acq: 03 Jun 2024 13:18

Tgt Ion:276 Resp: 529348
Ion Ratio Lower Upper
276 100
138 23.9 18.1 27.1
277 25.1 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.307 ng/ul m

RT: 27.598 min Scan# 4187

Delta R.T. -0.006 min

Lab File: BN031757.D

Acq: 03 Jun 2024 13:18

Instrument :

BNA_N

ClientSampleId :

BHBK9

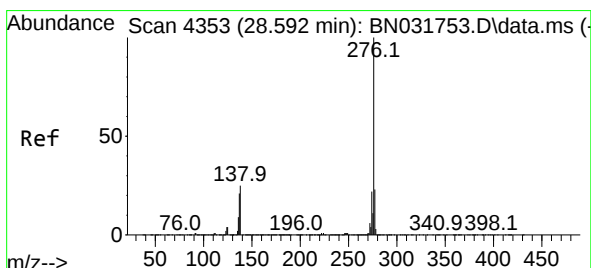
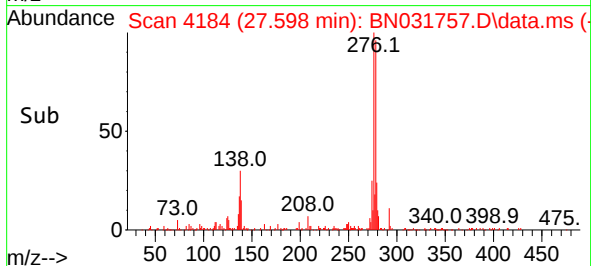
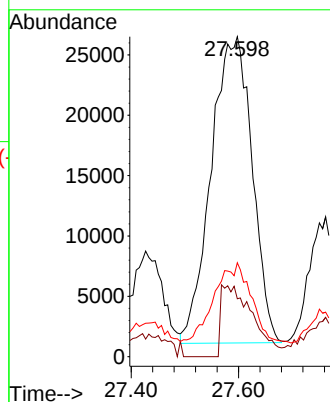
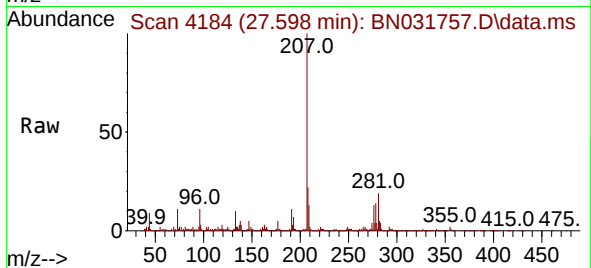
Tgt Ion:278 Resp: 134534

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.0	22.6
279	29.3	17.4	26.0

Manual Integrations

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



#96

Benzo(g,h,i)perylene

Concen: 5.082 ng/ul

RT: 28.586 min Scan# 4352

Delta R.T. 0.017 min

Lab File: BN031757.D

Acq: 03 Jun 2024 13:18

Tgt Ion:276 Resp: 509422

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.9	31.3
277	23.9	18.0	27.0

