

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031758.D
 Acq On : 03 Jun 2024 13:57
 Operator : MA/JU
 Sample : P2590-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBL0

Manual Integrations
 APPROVED

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

Quant Time: Jun 03 15:17:16 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	519287	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2333692	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1426255	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2618621	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1571927	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1696246	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	40375	3.217	ng/uL	0.00
4) Pyridine-d5	3.593	84	538642	15.244	ng/u1	0.00
7) Phenol-d5	6.852	99	927731	20.840	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	535390	20.561	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	738632	21.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	727669	20.052	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	398902	22.356	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	422886	22.943	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	765498	22.246	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	970536	18.996	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2318514	23.334	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2710654	23.726	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	320760	16.123	ng/u1	0.00
60) Fluorene-d10	15.316	176	1970043	23.433	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	192191	14.601	ng/u1	0.00
73) Anthracene-d10	17.169	188	2663925	23.762	ng/u1	0.00
81) Pyrene-d10	19.469	212	2600743	30.918	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1966881	24.284	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	912441	6.840	ng/u1	98
74) Anthracene	17.204	178	165524	1.225	ng/u1	99
80) Fluoranthene	19.133	202	1768902	17.596	ng/u1	98
82) Pyrene	19.498	202	1533501	14.868	ng/u1	98
85) Benzo(a)anthracene	21.286	228	671837	6.385	ng/u1	98
87) Chrysene	21.351	228	728013	7.408	ng/u1	99
90) Benzo(b)fluoranthene	23.315	252	888837	8.767	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	320429m	3.221	ng/u1	
93) Benzo(a)pyrene	24.110	252	639221	6.732	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	442666	4.045	ng/u1	94
95) Dibenzo(a,h)anthracene	27.586	278	104906m	1.174	ng/u1	
96) Benzo(g,h,i)perylene	28.580	276	428806	4.930	ng/u1	96

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

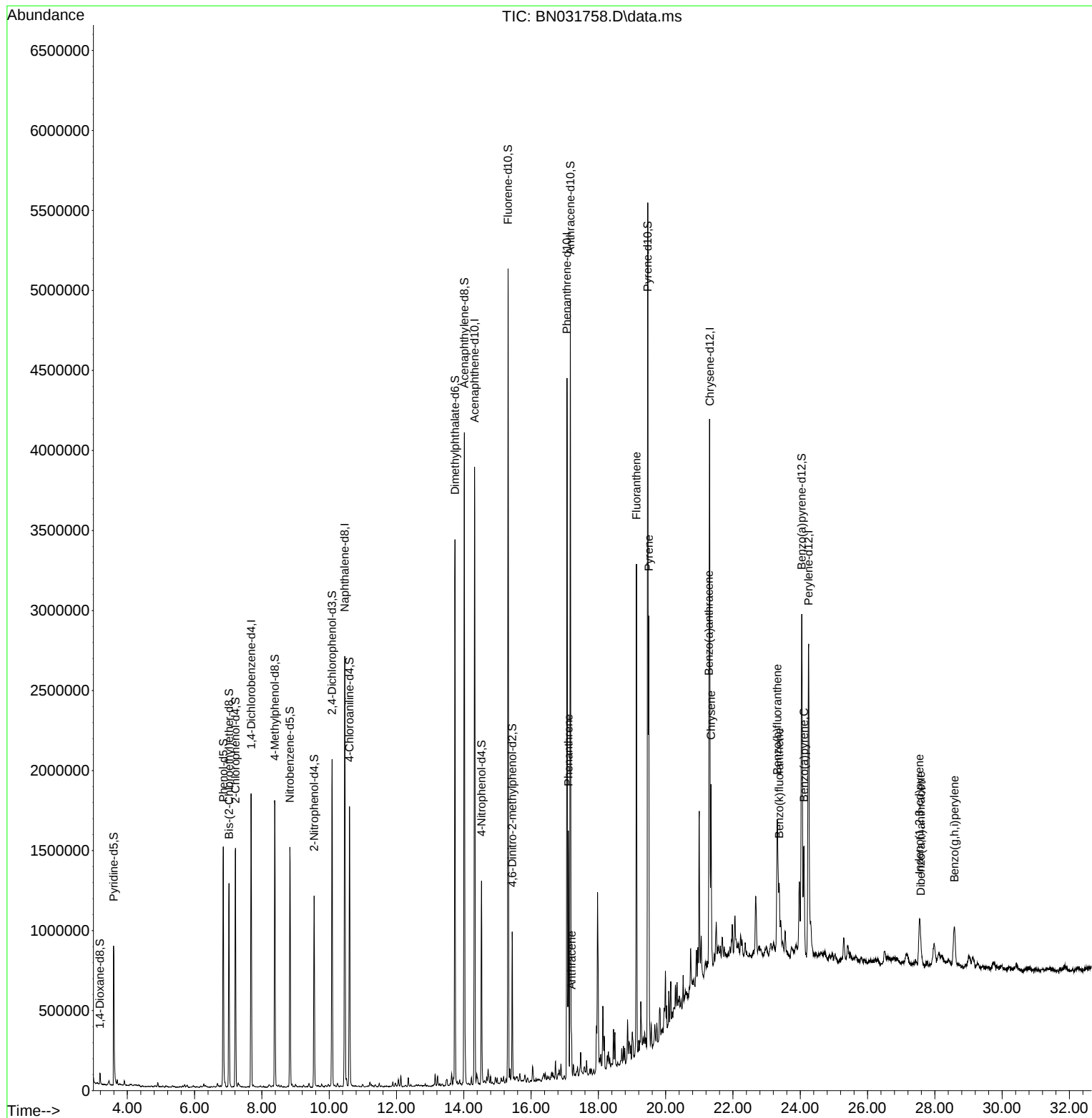
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031758.D
Acq On : 03 Jun 2024 13:57
Operator : MA/JU
Sample : P2590-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

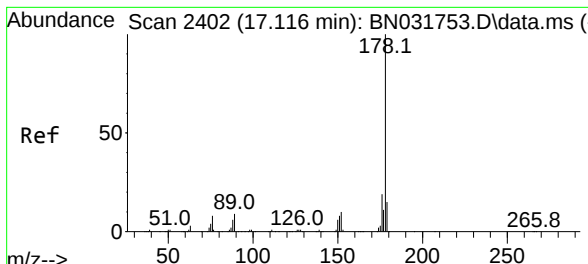
Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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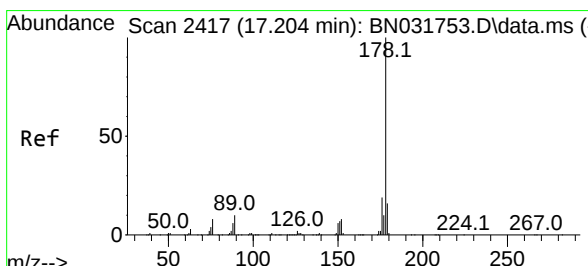
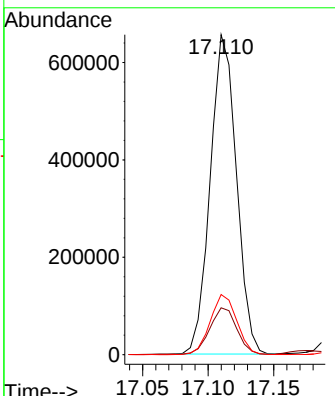
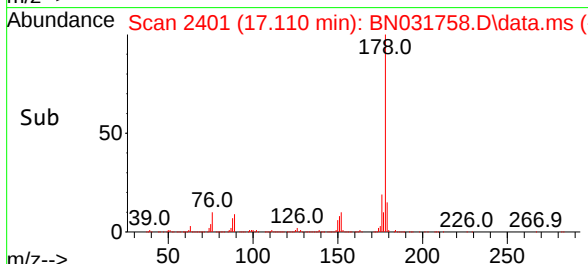
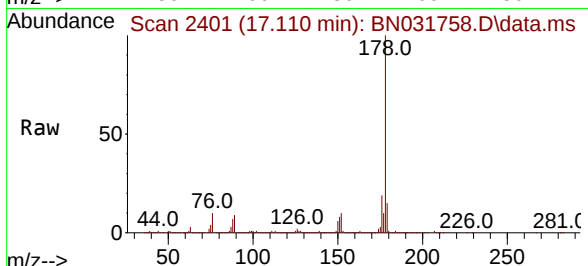
#72
 Phenanthrene
 Concen: 6.840 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031758.D
 Acq: 03 Jun 2024 13:57

Instrument : BNA_N
 ClientSampleId : BHBL0

Tgt Ion:178	Resp: 91244
Ion Ratio	Lower Upper
178 100	
179 14.7	12.6 19.0
176 18.8	15.8 23.6

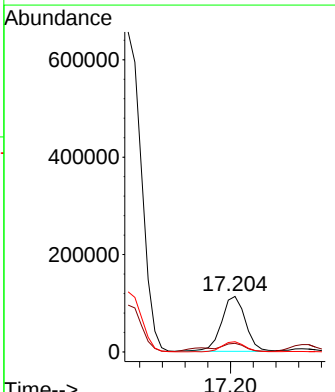
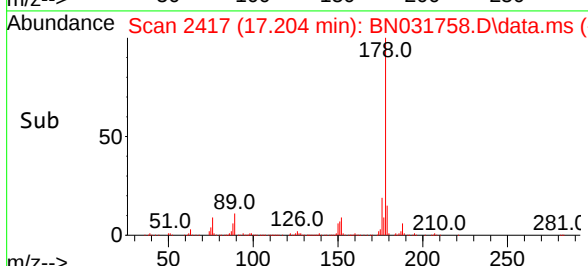
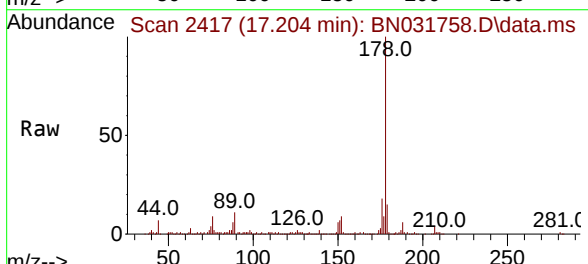
Manual Integrations
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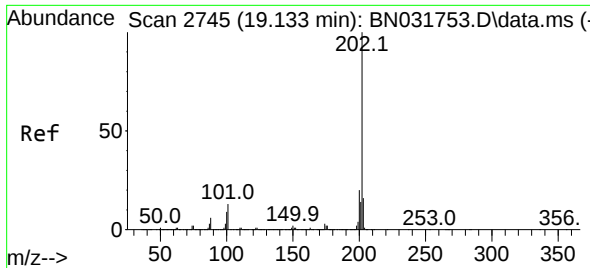
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#74
 Anthracene
 Concen: 1.225 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031758.D
 Acq: 03 Jun 2024 13:57

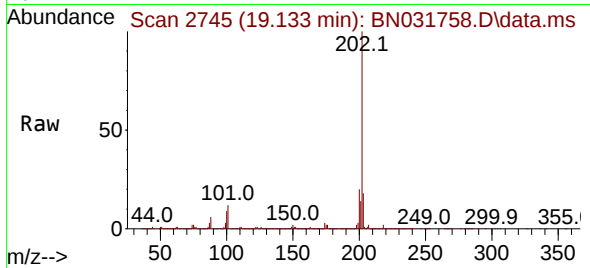
Tgt Ion:178	Resp: 165524		
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.8	17.6
176	18.5	14.8	22.2





#80
Fluoranthene
Concen: 17.596 ng/u1
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031758.D
Acq: 03 Jun 2024 13:57

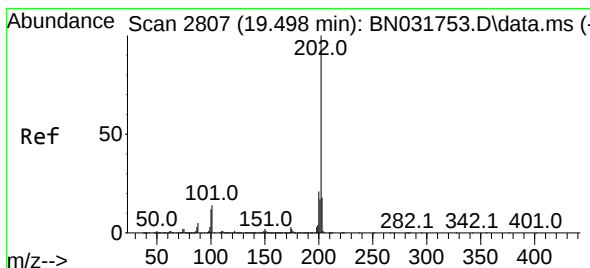
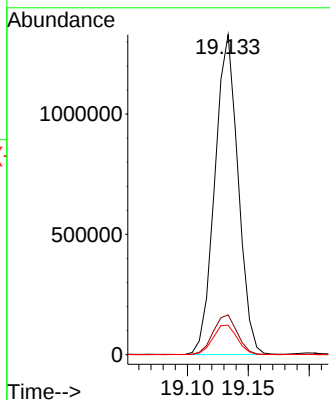
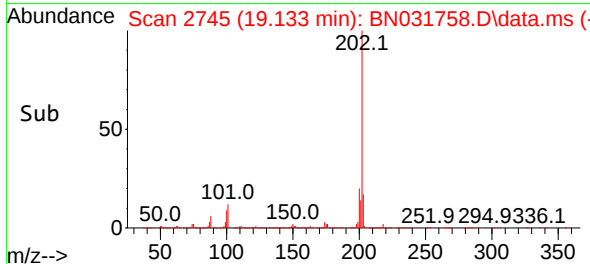
Instrument :
BNA_N
ClientSampleId :
BHBL0



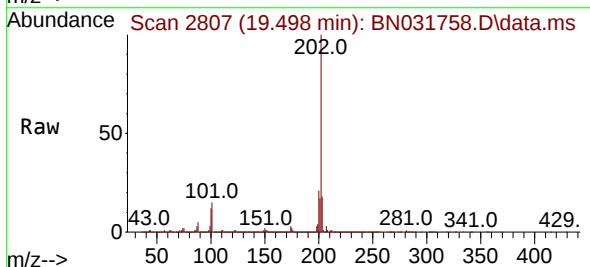
Tgt Ion:202 Resp: 1768902
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.2 8.0 12.0

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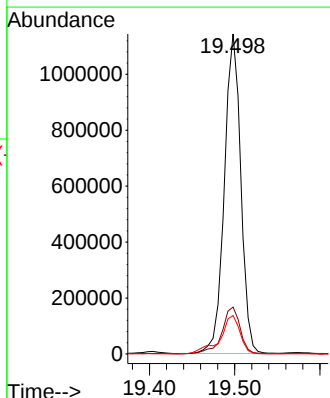
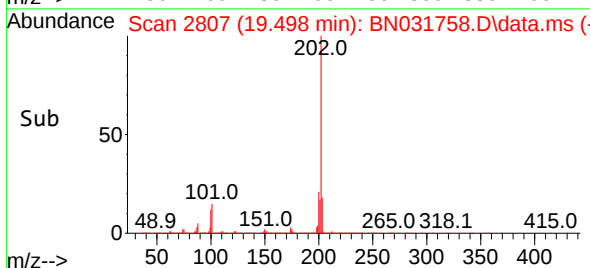
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

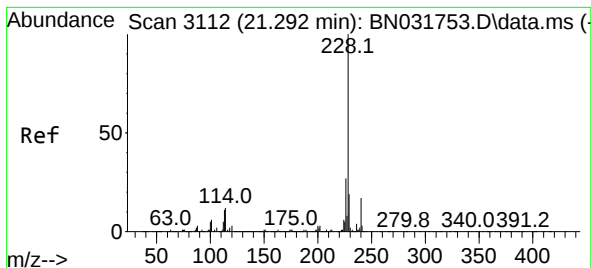


#82
Pyrene
Concen: 14.868 ng/u1
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031758.D
Acq: 03 Jun 2024 13:57



Tgt Ion:202 Resp: 1533501
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 12.0 10.2 15.2





#85

Benzo(a)anthracene

Concen: 6.385 ng/u1

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031758.D

Acq: 03 Jun 2024 13:57

Instrument :

BNA_N

ClientSampleId :

BHBL0

Tgt Ion:228 Resp: 67183

Ion Ratio Lower Upper

228 100

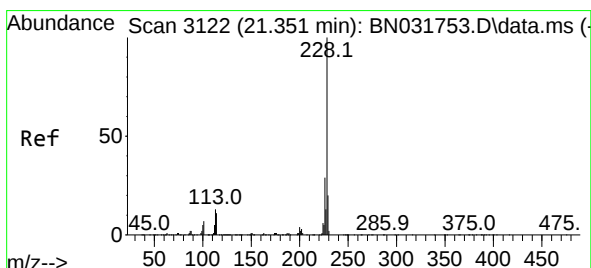
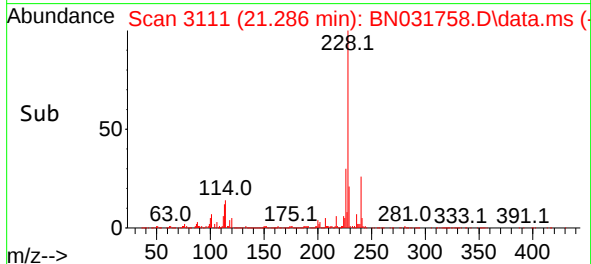
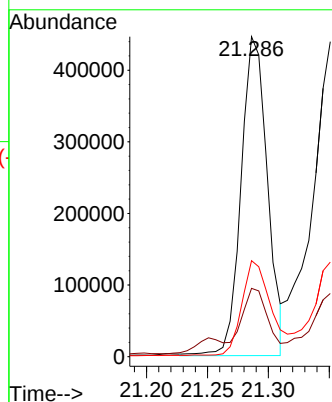
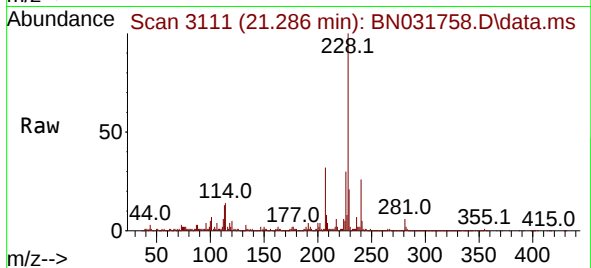
229 21.4 16.7 25.1

226 30.0 22.8 34.2

Manual Integrations

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Supervised By :mohammad ahmed 06/05/2024



#87

Chrysene

Concen: 7.408 ng/u1

RT: 21.351 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BN031758.D

Acq: 03 Jun 2024 13:57

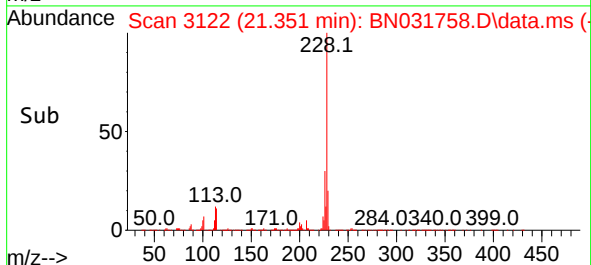
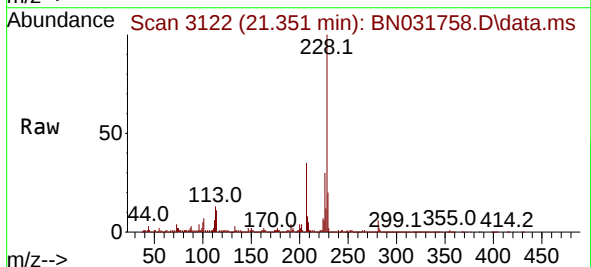
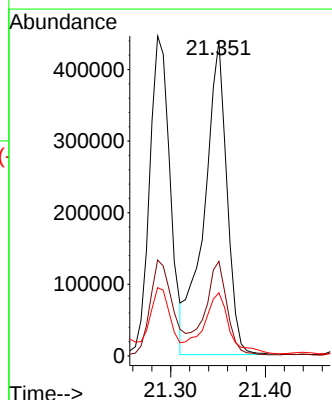
Tgt Ion:228 Resp: 728013

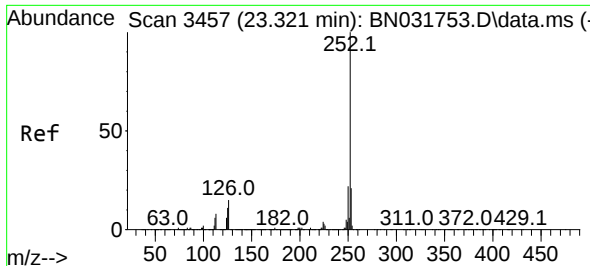
Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

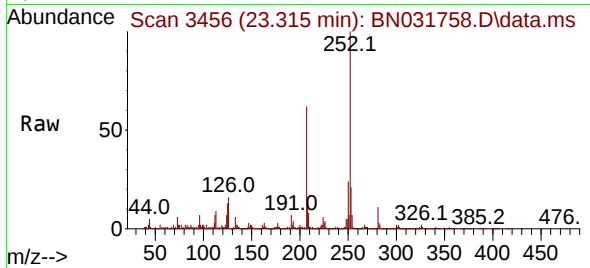
229 20.1 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 8.767 ng/ul
RT: 23.315 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031758.D
Acq: 03 Jun 2024 13:57

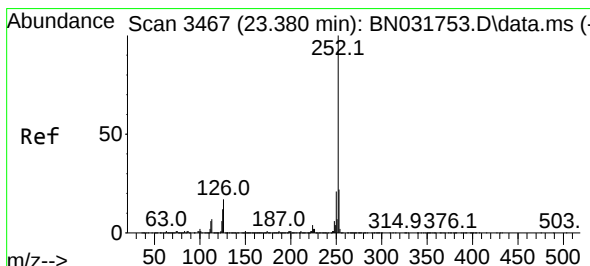
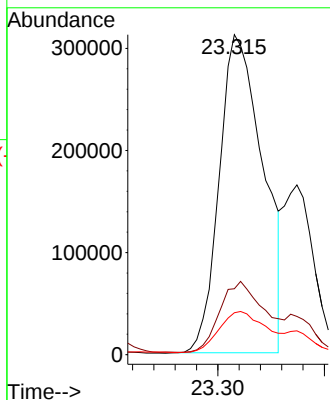
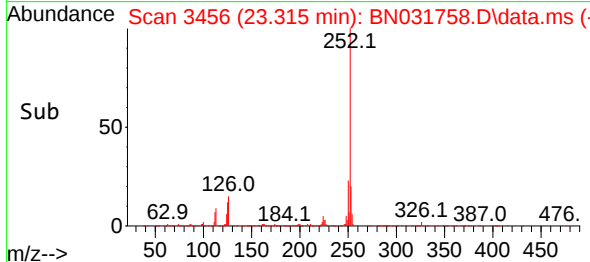
Instrument :
BNA_N
ClientSampleId :
BHBL0



Tgt Ion:252 Resp: 88883
Ion Ratio Lower Upper
252 100
253 20.6 17.0 25.6
125 13.1 9.2 13.8

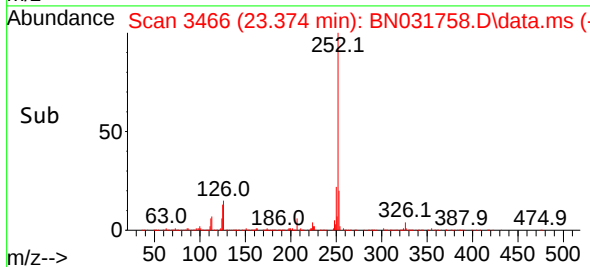
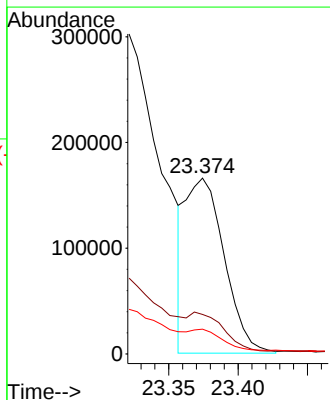
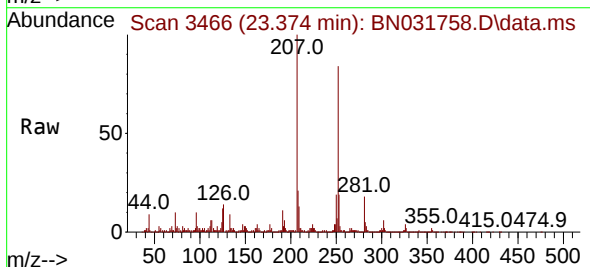
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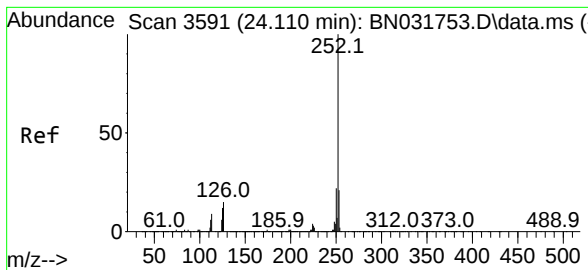
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#91
Benzo(k)fluoranthene
Concen: 3.221 ng/ul m
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031758.D
Acq: 03 Jun 2024 13:57

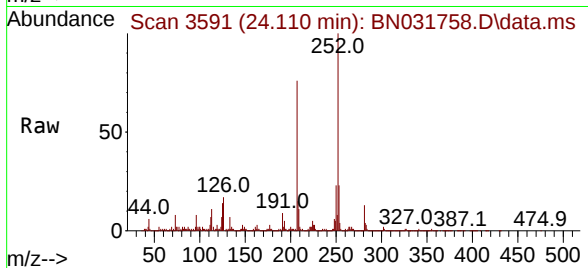
Tgt Ion:252 Resp: 320429
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 14.1 9.4 14.2





#93
Benzo(a)pyrene
Concen: 6.732 ng/ul
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031758.D
Acq: 03 Jun 2024 13:57

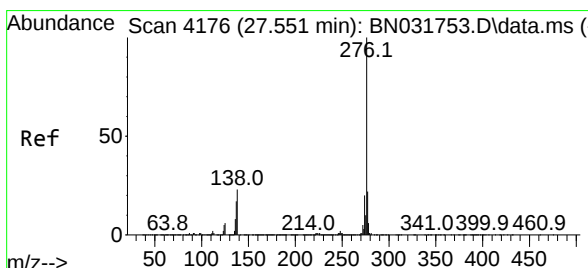
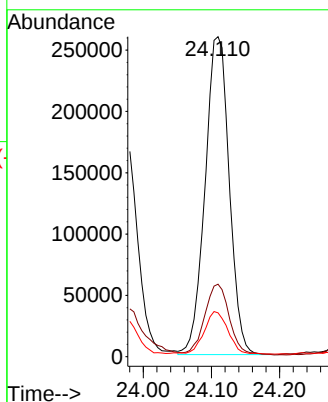
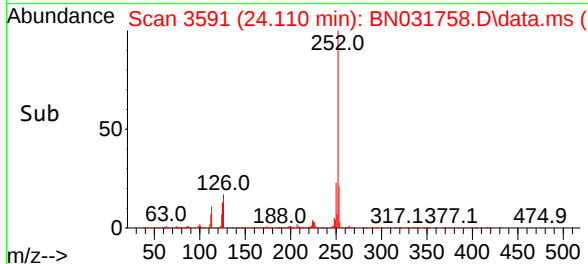
Instrument :
BNA_N
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BHBLO



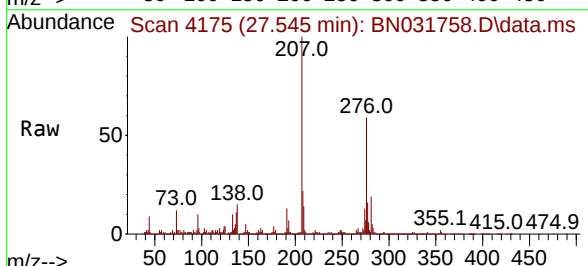
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Ion Ratio Lower Upper
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125 13.7 9.8 14.8

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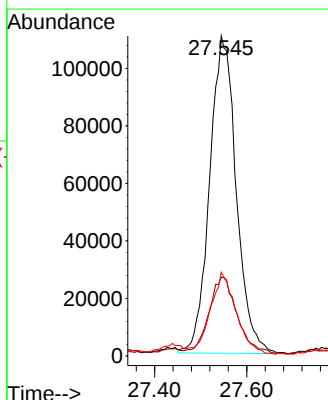
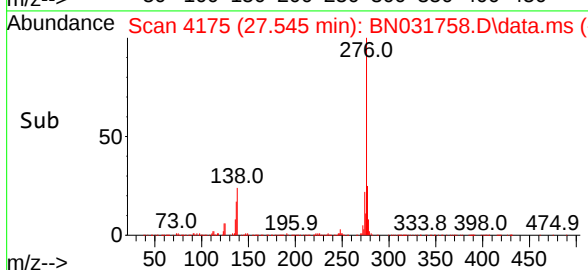
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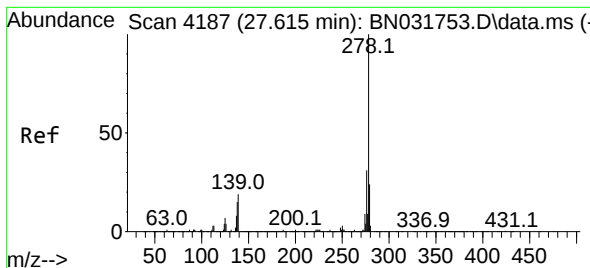


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.045 ng/ul
RT: 27.545 min Scan# 4175
Delta R.T. 0.012 min
Lab File: BN031758.D
Acq: 03 Jun 2024 13:57



Tgt Ion:276 Resp: 442666
Ion Ratio Lower Upper
276 100
138 24.6 18.1 27.1
277 26.2 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.174 ng/ul m

RT: 27.586 min Scan# 4187

Delta R.T. -0.018 min

Lab File: BN031758.D

Acq: 03 Jun 2024 13:57

Instrument :

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ClientSampleId :

BHBLO

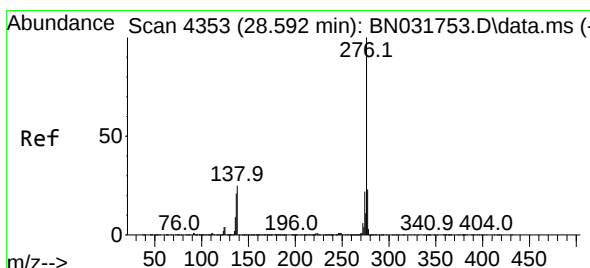
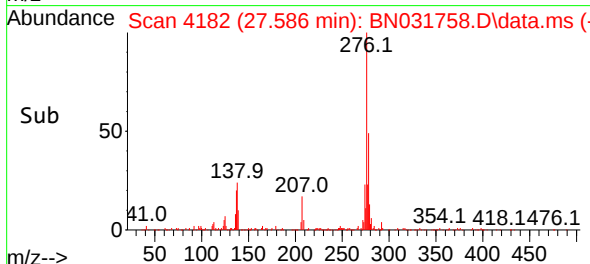
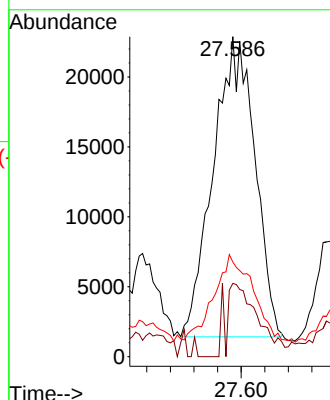
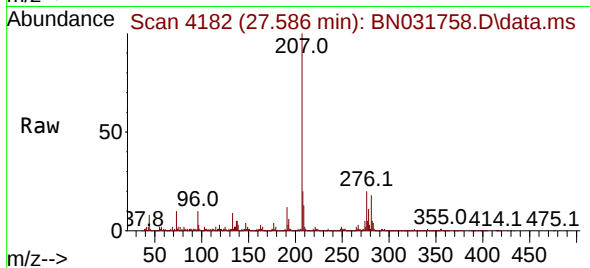
Tgt Ion:278 Resp: 104900

Ion	Ratio	Lower	Upper
278	100		
139	22.9	15.0	22.6
279	29.6	17.4	26.0

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#96

Benzo(g,h,i)perylene

Concen: 4.930 ng/ul

RT: 28.580 min Scan# 4351

Delta R.T. 0.012 min

Lab File: BN031758.D

Acq: 03 Jun 2024 13:57

Tgt Ion:276 Resp: 428806

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.9	31.3
277	23.6	18.0	27.0

