

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031801.D
 Acq On : 05 Jun 2024 15:46
 Operator : MA/JU
 Sample : P2591-17DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW3DL

Manual Integrations
 APPROVED

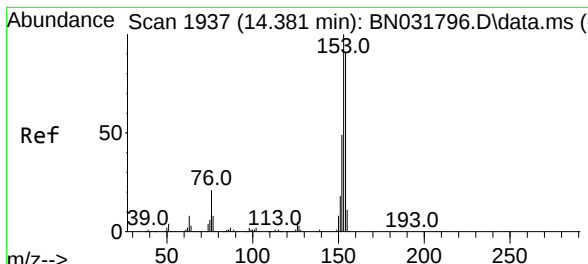
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 16:21:11 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)

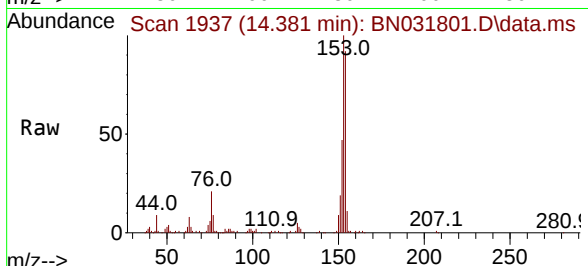
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	274841	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	1305375	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	916339	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1953700	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1988077	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	2424615	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	5955	0.896	ng/uL	0.00
4) Pyridine-d5	3.616	84	11702m	0.626	ng/u1	0.02
7) Phenol-d5	6.846	99	138376	5.873	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	83161	6.034	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.205	132	111806	6.219	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	115713	6.025	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	60413	6.053	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	56217	5.453	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	118195	6.141	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	130983	4.583	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	422094	6.612	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	479250	6.529	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	44785	3.504	ng/u1	0.00
60) Fluorene-d10	15.310	176	377520	6.989	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	36582	3.725	ng/u1	0.00
73) Anthracene-d10	17.163	188	604377	7.226	ng/u1	0.00
81) Pyrene-d10	19.463	212	683438	6.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	580240	5.012	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.381	153	75452	1.375	ng/u1	97
56) Dibenzofuran	14.716	168	98710	1.324	ng/u1	94
61) Fluorene	15.369	166	93302	1.554	ng/u1	100
72) Phenanthrene	17.110	178	2410557	24.221	ng/u1	100
74) Anthracene	17.198	178	487093	4.830	ng/u1	98
77) Carbazole	17.469	167	301253	3.503	ng/u1	98
80) Fluoranthene	19.127	202	4144044	32.594	ng/u1	99
82) Pyrene	19.492	202	2913547	22.335	ng/u1	99
85) Benzo(a)anthracene	21.286	228	2060617	15.485	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	181662	2.023	ng/u1	98
87) Chrysene	21.345	228	1846036	14.852	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	2543864	17.553	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	960067	6.751	ng/u1	96
93) Benzo(a)pyrene	24.098	252	1051042	7.743	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.533	276	823598m	5.266	ng/u1	
95) Dibenzo(a,h)anthracene	27.592	278	299797	2.348	ng/u1#	93

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



#52
 Acenaphthene
 Concen: 1.375 ng/ul
 RT: 14.381 min Scan# 1937
 Delta R.T. -0.006 min
 Lab File: BN031801.D
 Acq: 05 Jun 2024 15:46

Instrument : BNA_N
 ClientSampleId : BHBW3DL

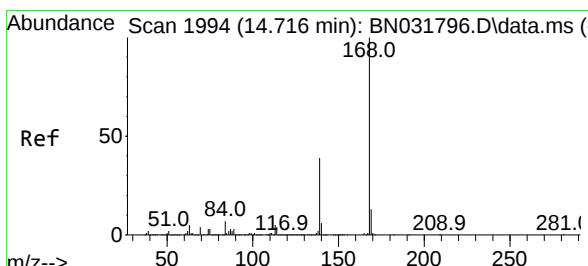
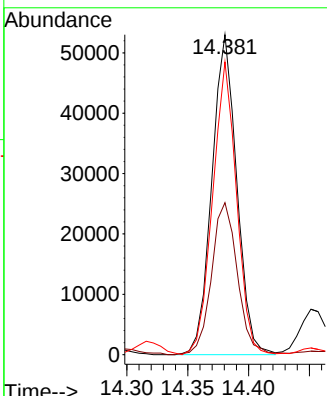
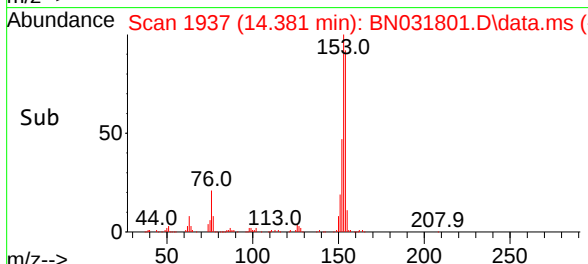


Tgt Ion:153 Resp: 75452

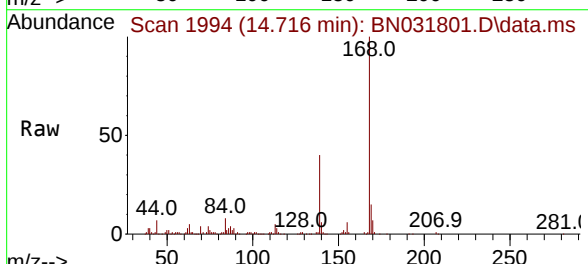
Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.8	56.6
154	91.5	69.8	104.8

Manual Integrations
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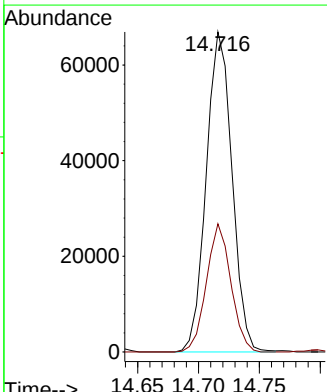
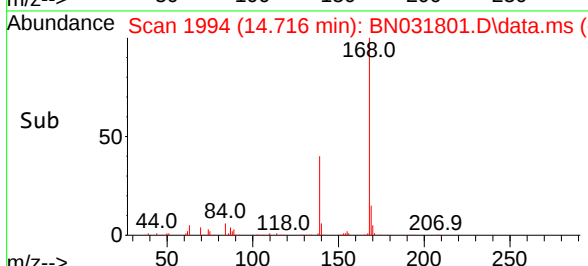


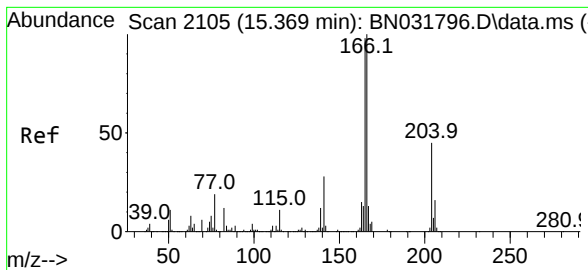
#56
 Dibenzofuran
 Concen: 1.324 ng/ul
 RT: 14.716 min Scan# 1994
 Delta R.T. -0.012 min
 Lab File: BN031801.D
 Acq: 05 Jun 2024 15:46



Tgt Ion:168 Resp: 98710

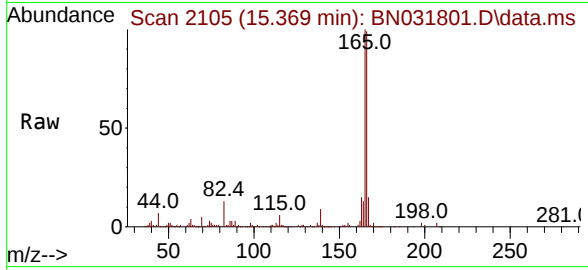
Ion	Ratio	Lower	Upper
168	100		
139	40.1	29.4	44.0





#61
 Fluorene
 Concen: 1.554 ng/ul
 RT: 15.369 min Scan# 2105
 Delta R.T. -0.006 min
 Lab File: BN031801.D
 Acq: 05 Jun 2024 15:46

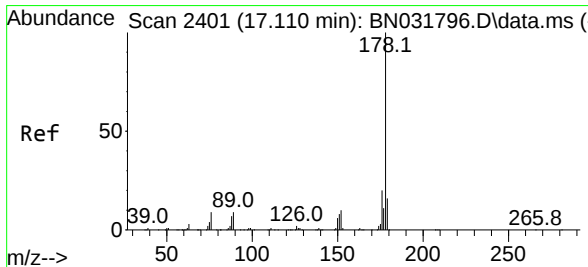
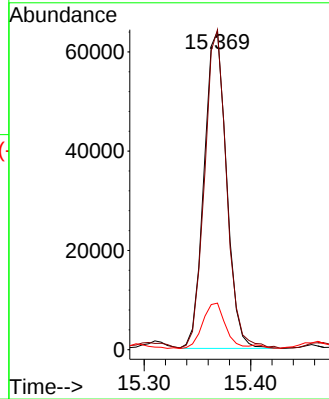
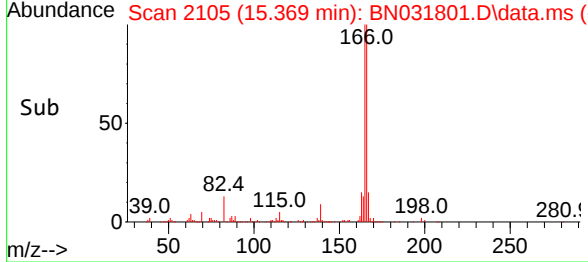
Instrument : BNA_N
 ClientSampleId : BHBW3DL



Tgt Ion:	166	Resp:	93302
Ion Ratio	Lower	Upper	
166	100		
165	100.5	80.3	120.5
167	14.6	11.3	16.9

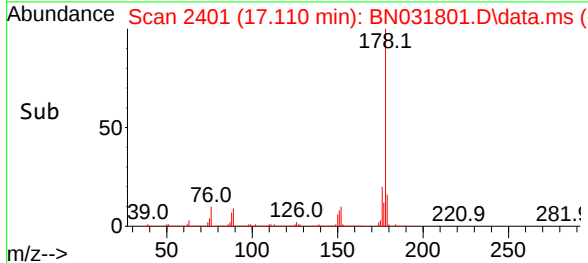
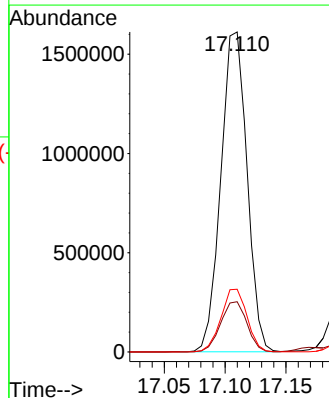
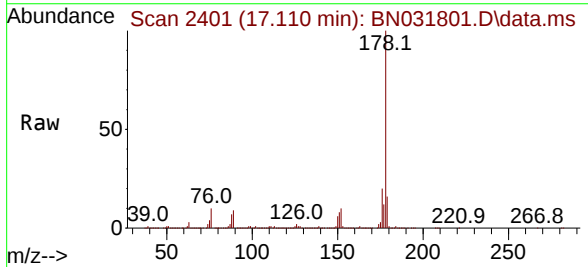
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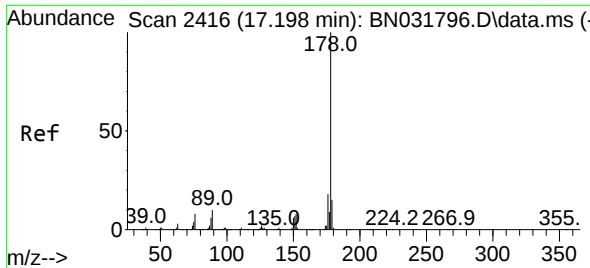
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



#72
 Phenanthrene
 Concen: 24.221 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031801.D
 Acq: 05 Jun 2024 15:46

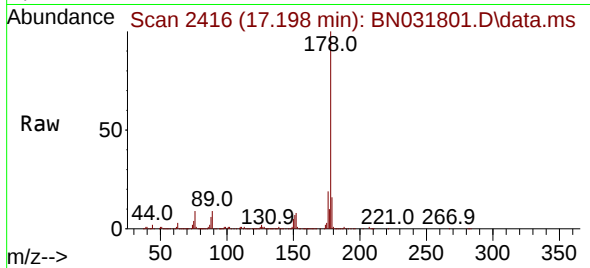
Tgt Ion:	178	Resp:	2410557
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	19.0
176	19.6	15.8	23.6





#74
 Anthracene
 Concen: 4.830 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031801.D
 Acq: 05 Jun 2024 15:46

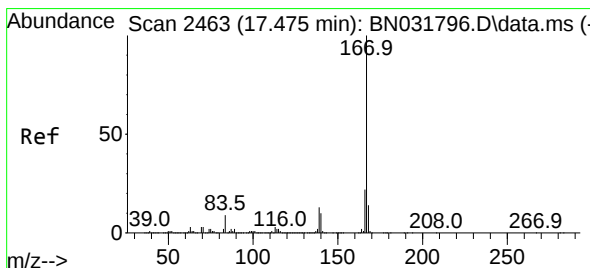
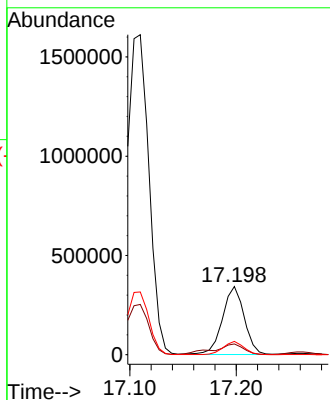
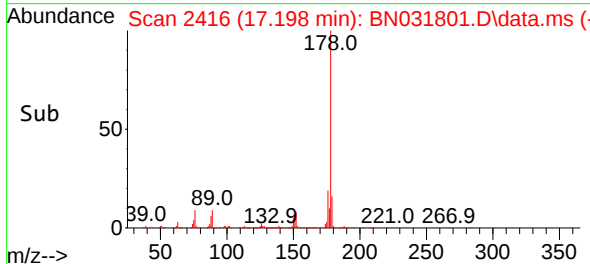
Instrument :
 BNA_N
 ClientSampleId :
 BHBW3DL



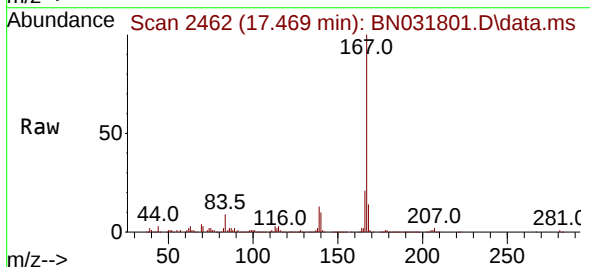
Tgt Ion:178 Resp: 487091
 Ion Ratio Lower Upper
 178 100
 179 15.7 11.8 17.6
 176 19.4 14.8 22.2

Manual Integrations
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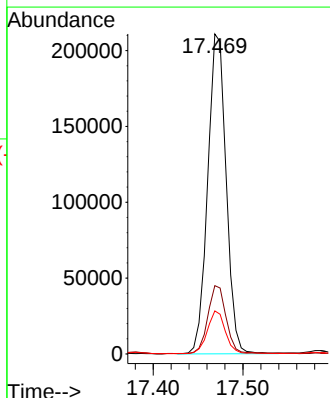
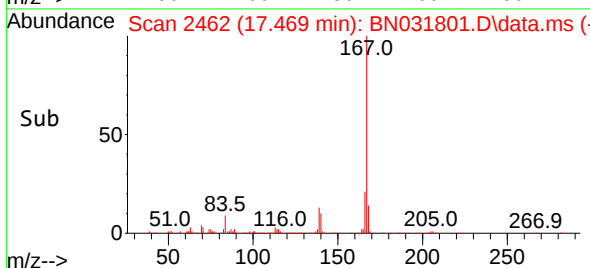
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

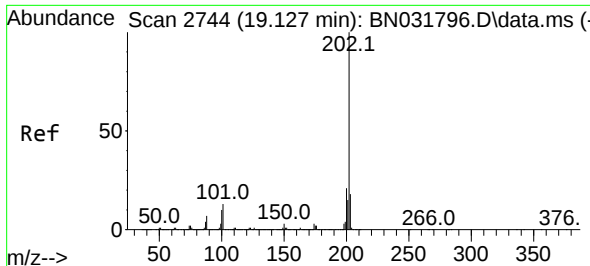


#77
 Carbazole
 Concen: 3.503 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031801.D
 Acq: 05 Jun 2024 15:46



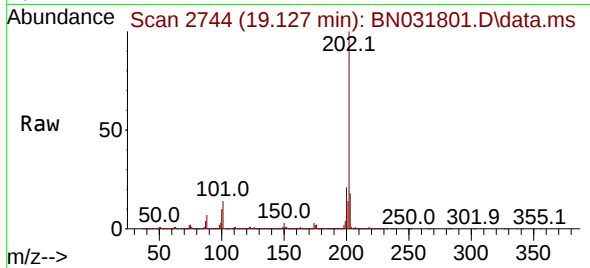
Tgt Ion:167 Resp: 301253
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.9 26.9
 139 13.4 10.5 15.7





#80
Fluoranthene
Concen: 32.594 ng/u1
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031801.D
Acq: 05 Jun 2024 15:46

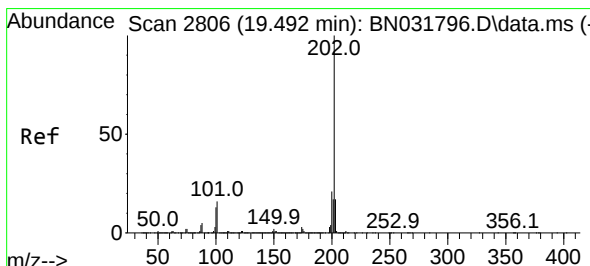
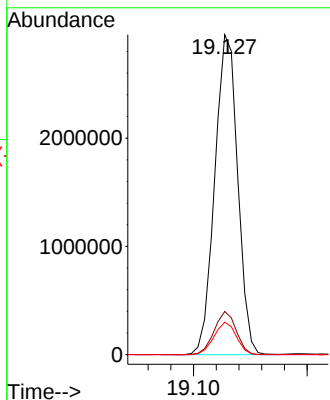
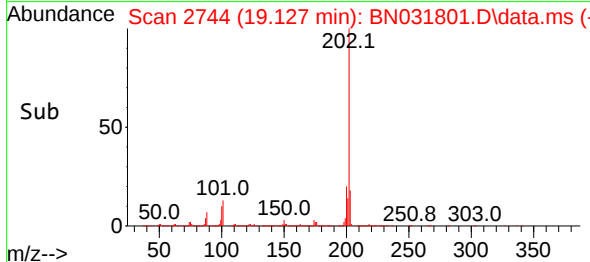
Instrument :
BNA_N
ClientSampleId :
BHBW3DL



Tgt Ion:202 Resp: 4144044
Ion Ratio Lower Upper
202 100
101 13.5 10.3 15.5
100 10.1 8.0 12.0

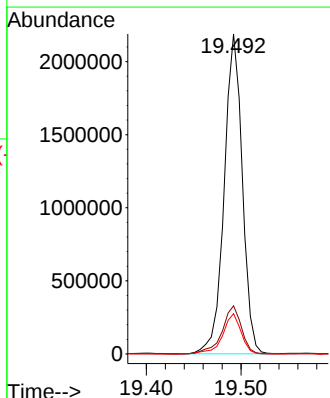
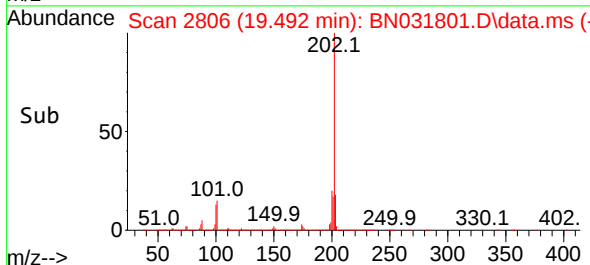
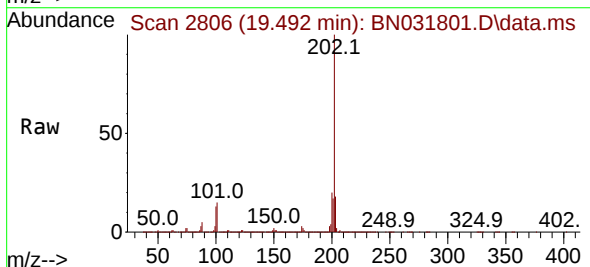
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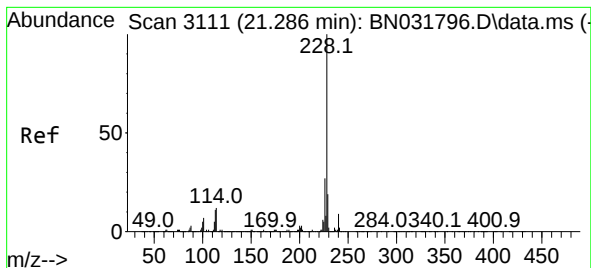
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#82
Pyrene
Concen: 22.335 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031801.D
Acq: 05 Jun 2024 15:46

Tgt Ion:202 Resp: 2913547
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.6 10.2 15.2





#85

Benzo(a)anthracene

Concen: 15.485 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031801.D

Acq: 05 Jun 2024 15:46

Instrument :

BNA_N

ClientSampleId :

BHBW3DL

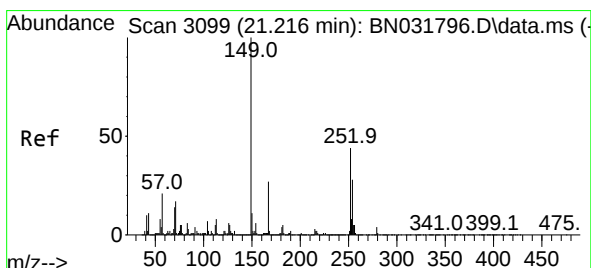
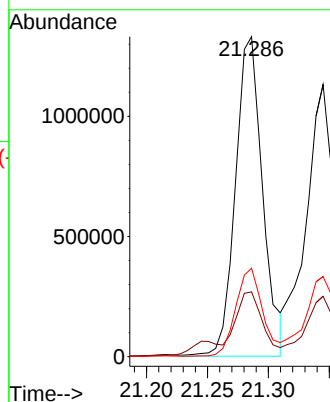
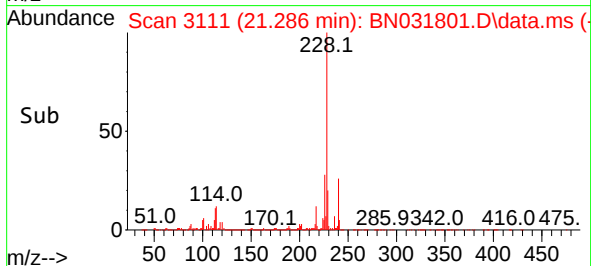
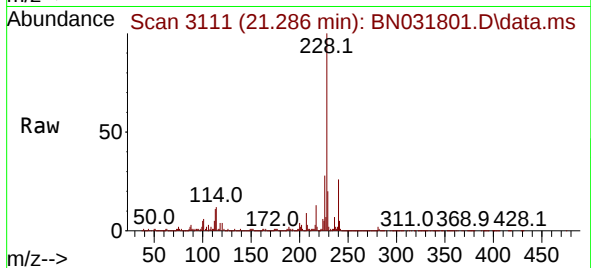
Tgt Ion:228 Resp: 206061

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.7	25.1
226	27.7	22.8	34.2

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.023 ng/ul

RT: 21.210 min Scan# 3098

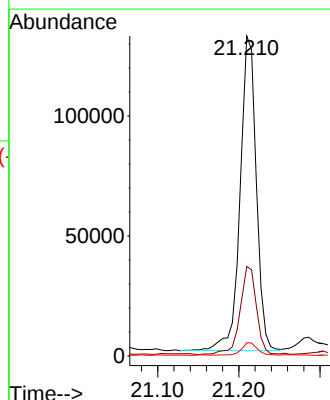
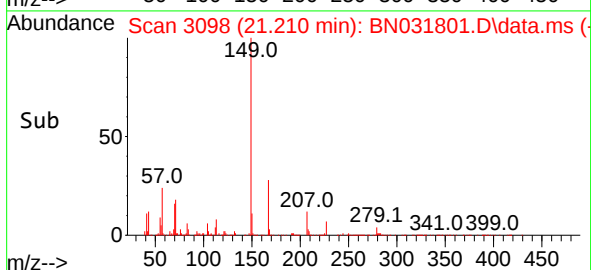
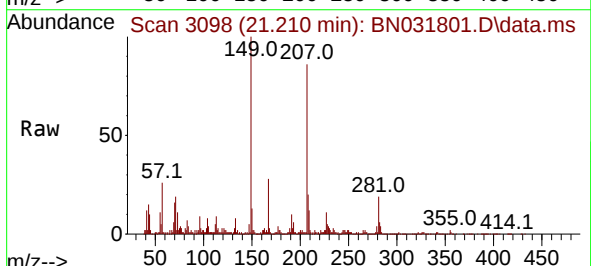
Delta R.T. -0.012 min

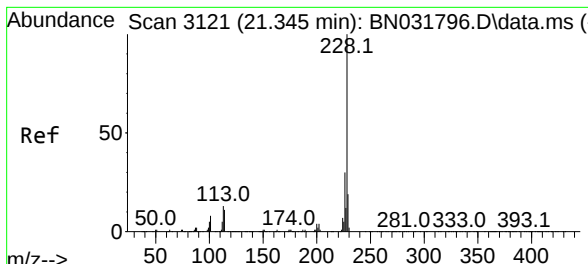
Lab File: BN031801.D

Acq: 05 Jun 2024 15:46

Tgt Ion:149 Resp: 181662

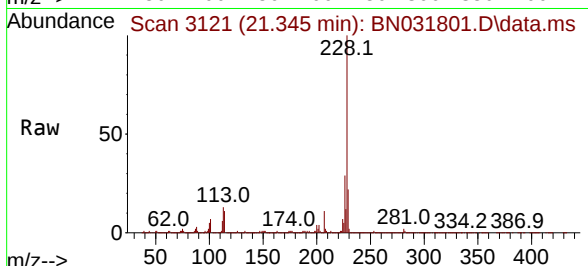
Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.4	32.0
279	4.1	3.3	4.9





#87
Chrysene
 Concen: 14.852 ng/ul
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BN031801.D
 Acq: 05 Jun 2024 15:46

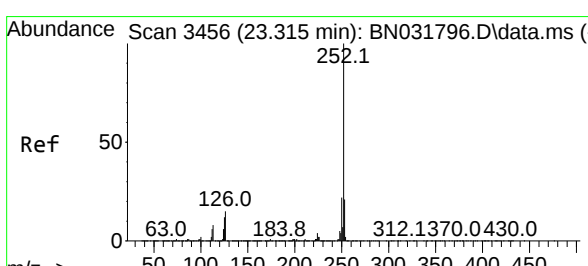
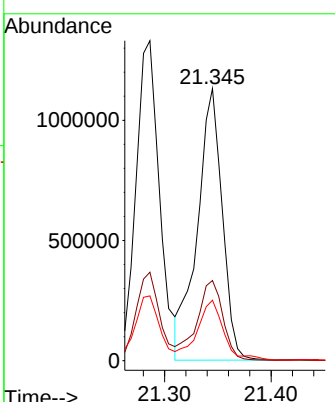
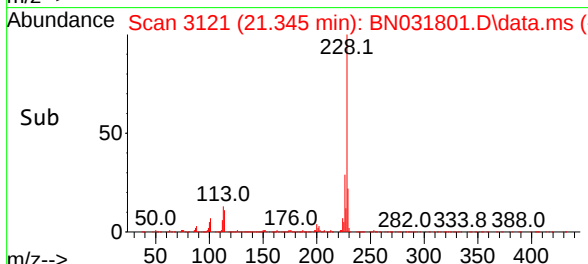
Instrument : BNA_N
ClientSampleId : BHBW3DL



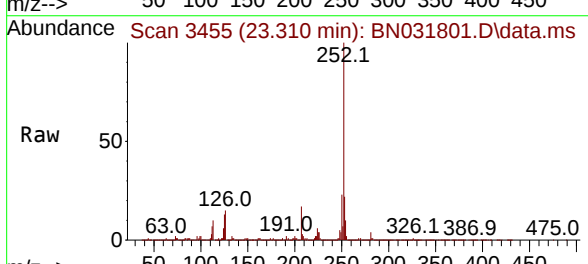
Tgt Ion: 228 Resp: 1846030

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	22.2	15.1	22.7

Manual Integrations
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 Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

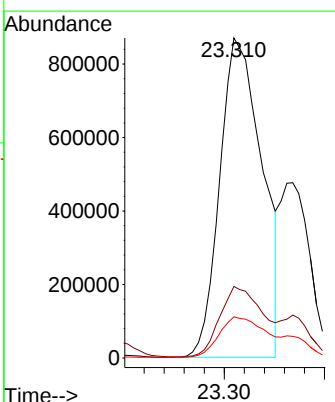
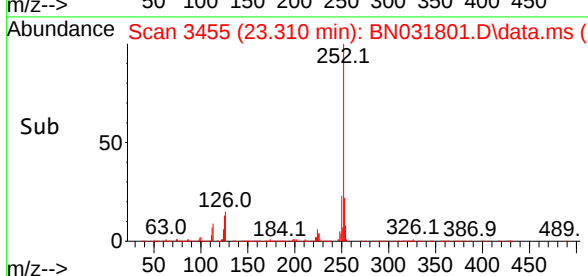


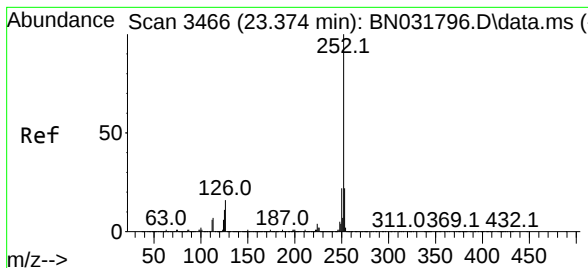
#90
Benzo(b)fluoranthene
 Concen: 17.553 ng/ul
 RT: 23.310 min Scan# 3455
 Delta R.T. -0.000 min
 Lab File: BN031801.D
 Acq: 05 Jun 2024 15:46



Tgt Ion: 252 Resp: 2543864

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.9	9.2	13.8





#91

Benzo(k)fluoranthene

Concen: 6.751 ng/u1

RT: 23.368 min Scan# 3466

Delta R.T. -0.006 min

Lab File: BN031801.D

Acq: 05 Jun 2024 15:46

Instrument :

BNA_N

ClientSampleId :

BHBW3DL

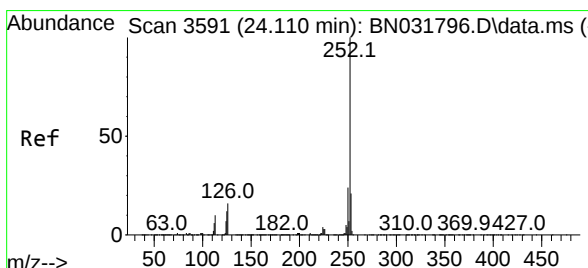
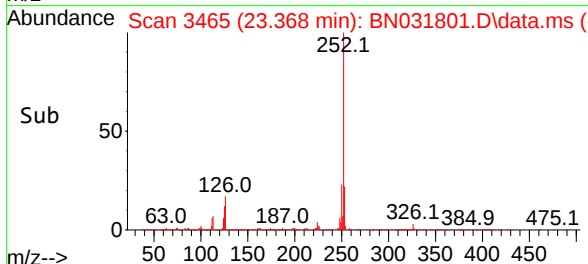
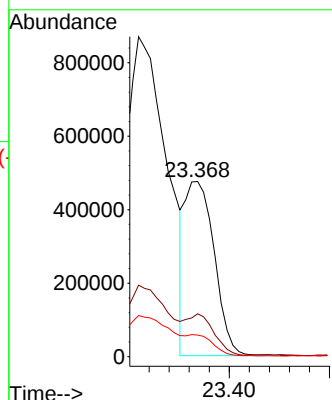
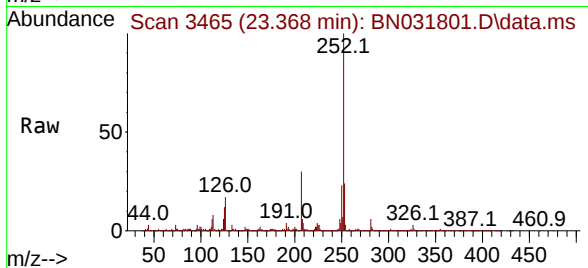
Tgt Ion:252 Resp: 96006

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	12.4	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#93

Benzo(a)pyrene

Concen: 7.743 ng/u1

RT: 24.098 min Scan# 3589

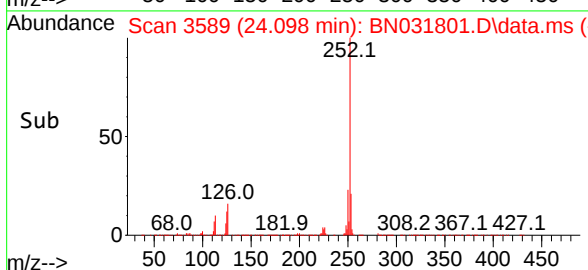
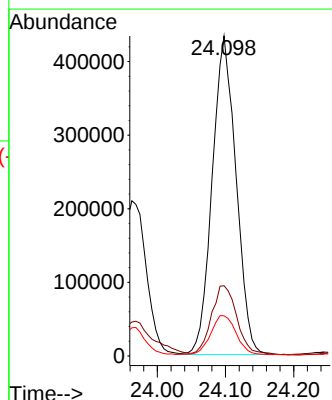
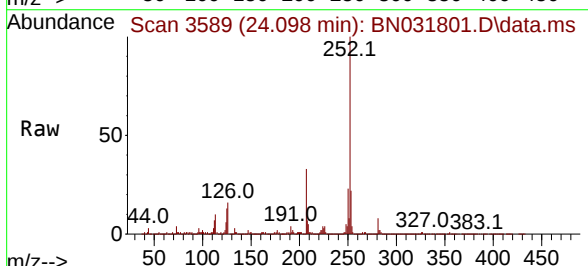
Delta R.T. -0.006 min

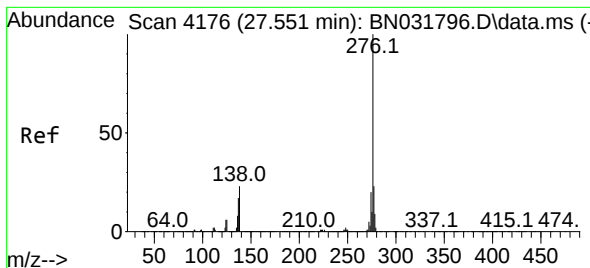
Lab File: BN031801.D

Acq: 05 Jun 2024 15:46

Tgt Ion:252 Resp: 1051042

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	24.8
125	12.5	9.8	14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.266 ng/ul m

RT: 27.533 min Scan# 4173

Delta R.T. -0.000 min

Lab File: BN031801.D

Acq: 05 Jun 2024 15:46

Instrument :

BNA_N

ClientSampleId :

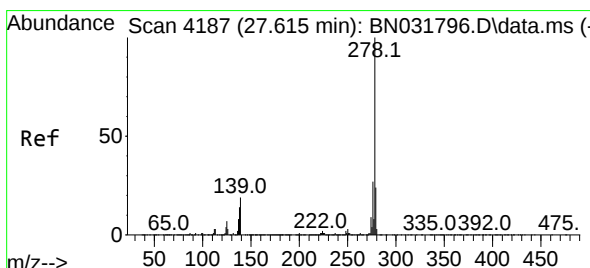
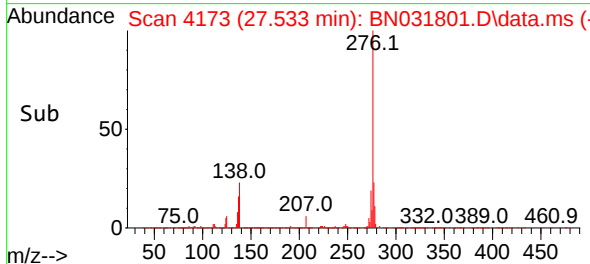
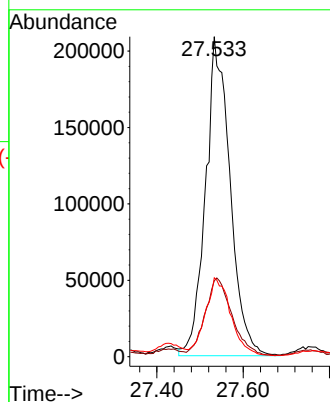
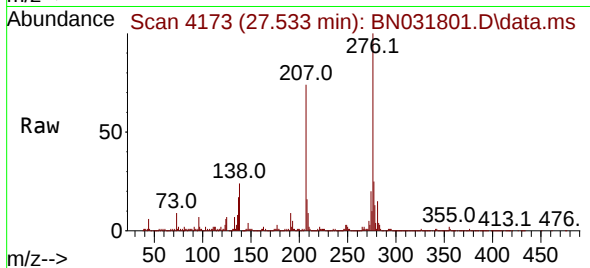
BHBW3DL

Tgt Ion:	276	Resp:	823598
Ion Ratio	Lower	Upper	
276	100		
138	23.7	18.1	27.1
277	24.6	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.348 ng/ul

RT: 27.592 min Scan# 4183

Delta R.T. -0.012 min

Lab File: BN031801.D

Acq: 05 Jun 2024 15:46

Tgt Ion:	278	Resp:	299797
Ion Ratio	Lower	Upper	
278	100		
139	18.7	15.0	22.6
279	27.6	17.4	26.0

