

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031807.D
 Acq On : 05 Jun 2024 19:45
 Operator : MA/JU
 Sample : P2591-06DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S9DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 04:15:29 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	323264	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	1521342	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	1011946	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2153824	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2115150	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2468642	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	2664	0.341	ng/uL	0.00
4) Pyridine-d5	3.605	84	17026	0.774	ng/u1	0.00
7) Phenol-d5	6.846	99	75223	2.714	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	40008	2.468	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	57008	2.696	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	58568	2.593	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	28987	2.492	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	28915	2.406	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	57007	2.541	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	45709	1.372	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	191743	2.720	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	215293	2.656	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	27435	1.944	ng/u1	0.00
60) Fluorene-d10	15.310	176	173391	2.907	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.163	188	261905	2.840	ng/u1	0.00
81) Pyrene-d10	19.463	212	297645	2.630	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	231980	1.968	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.504	128	138914	1.764	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	75055	1.395	ng/u1	96
52) Acenaphthene	14.381	153	124050	2.046	ng/u1	98
56) Dibenzofuran	14.716	168	199906	2.427	ng/u1	100
61) Fluorene	15.369	166	147627	2.226	ng/u1	95
72) Phenanthrene	17.110	178	3804442	34.675	ng/u1	99
74) Anthracene	17.198	178	788549	7.093	ng/u1	99
77) Carbazole	17.469	167	511354	5.394	ng/u1	99
80) Fluoranthene	19.127	202	5839252	43.168	ng/u1	99
82) Pyrene	19.492	202	4217661	30.390	ng/u1	99
85) Benzo(a)anthracene	21.286	228	2994311	21.150	ng/u1	100
87) Chrysene	21.345	228	2672151m	20.207	ng/u1	
90) Benzo(b)fluoranthene	23.316	252	3861128	26.167	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	1167551m	8.064	ng/u1	
93) Benzo(a)pyrene	24.098	252	1508429	10.915	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.533	276	1090300	6.846	ng/u1	99
95) Dibenzo(a,h)anthracene	27.586	278	400655m	3.082	ng/u1	
96) Benzo(g,h,i)perylene	28.574	276	131450m	1.038	ng/u1	

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

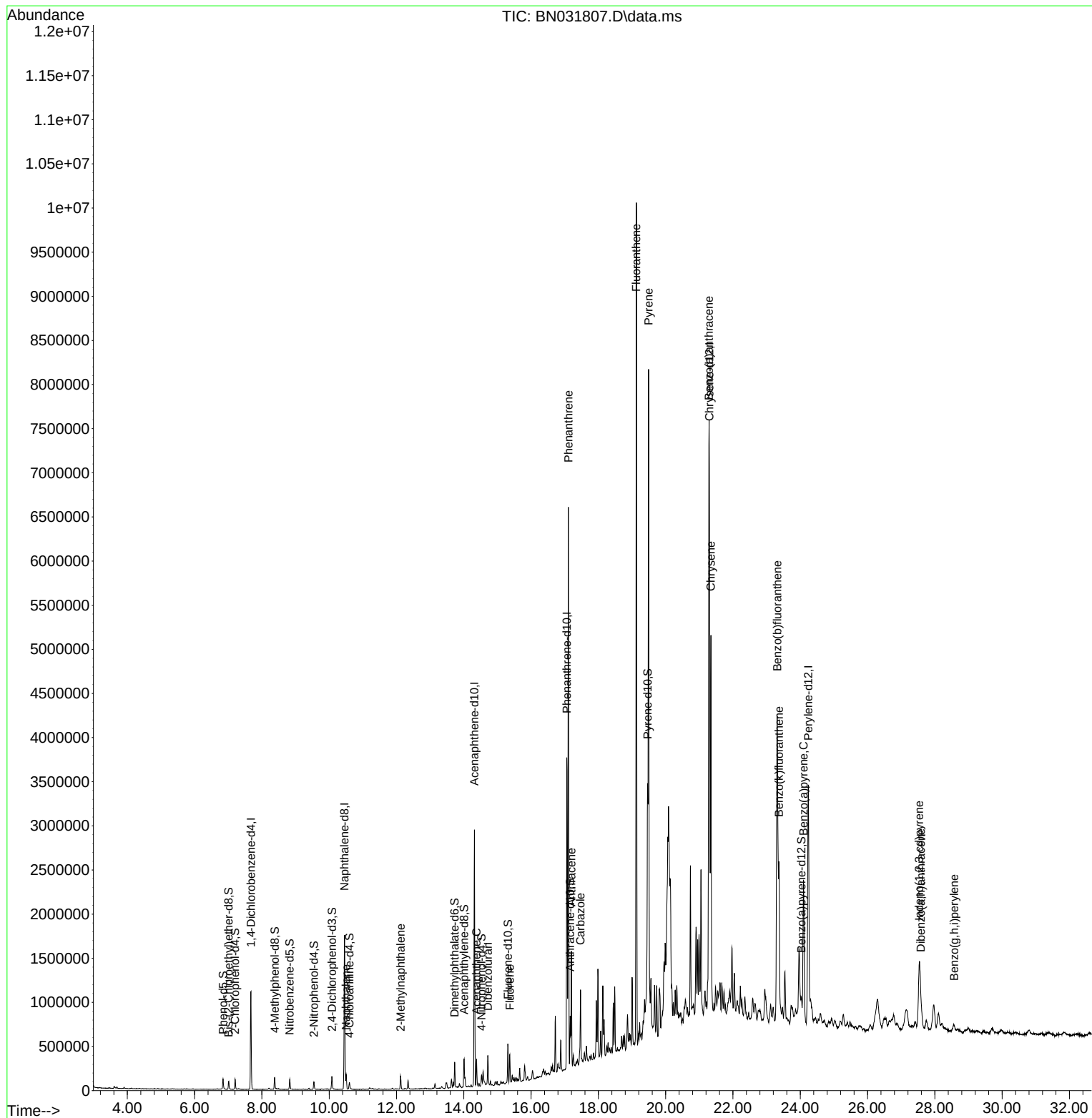
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
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 Operator : MA/JU
 Sample : P2591-06DL 10X
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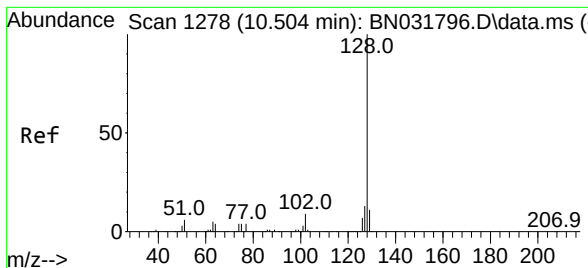
Instrument :
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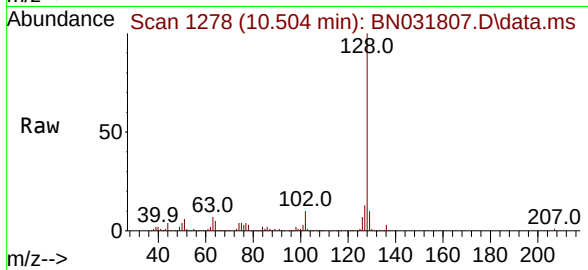
Quant Time: Jun 06 04:15:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
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#30
Naphthalene
Concen: 1.764 ng/ul
RT: 10.504 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031807.D
Acq: 05 Jun 2024 19:45

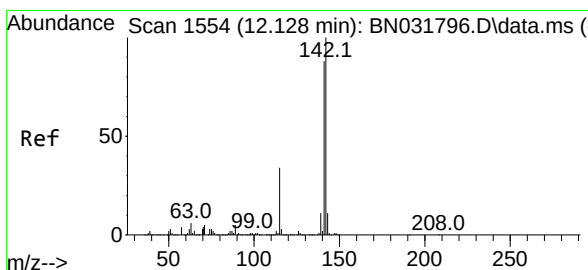
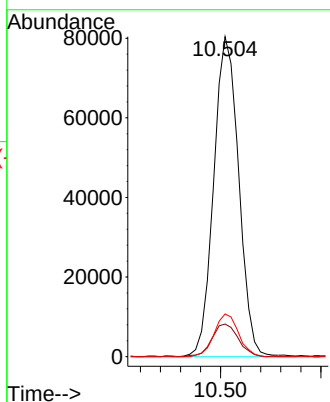
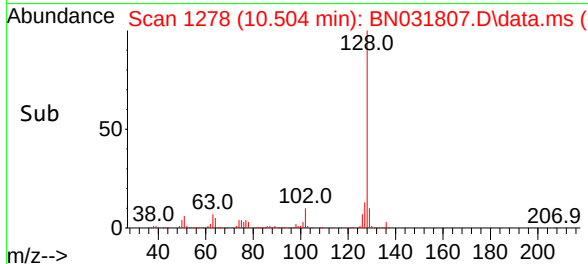
Instrument :
BNA_N
ClientSampleId :
BH5S9DL



Tgt Ion:128 Resp: 138914
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.3 10.3 15.5

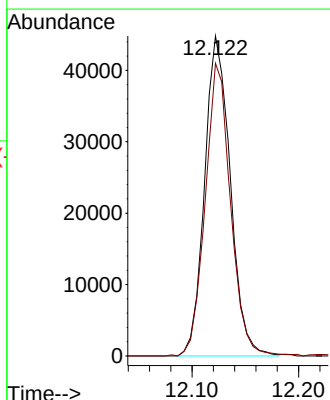
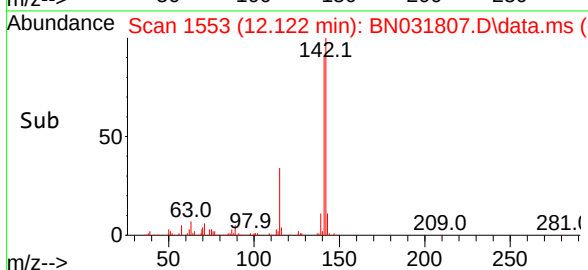
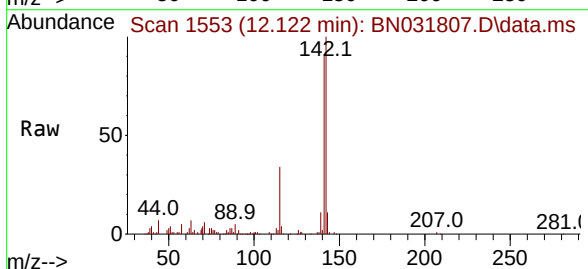
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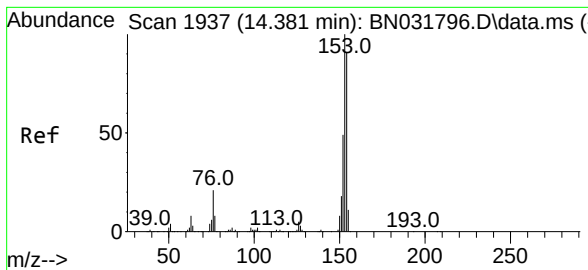
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#36
2-Methylnaphthalene
Concen: 1.395 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN031807.D
Acq: 05 Jun 2024 19:45

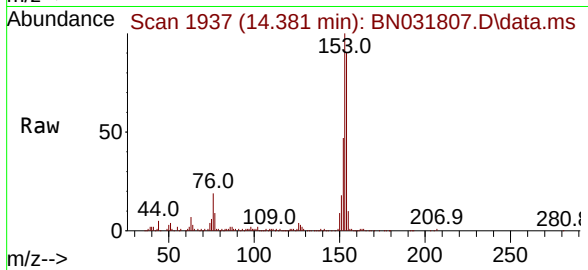
Tgt Ion:142 Resp: 75055
Ion Ratio Lower Upper
142 100
141 91.4 70.1 105.1





#52
Acenaphthene
Concen: 2.046 ng/ul
RT: 14.381 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BN031807.D
Acq: 05 Jun 2024 19:45

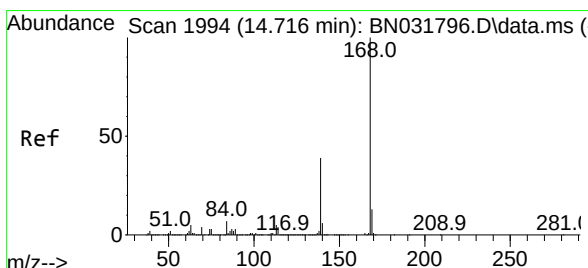
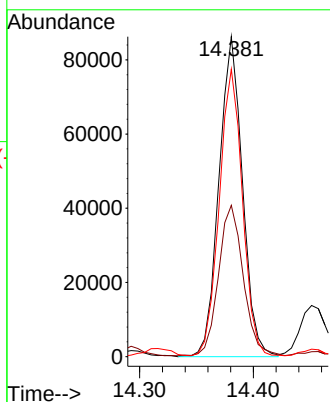
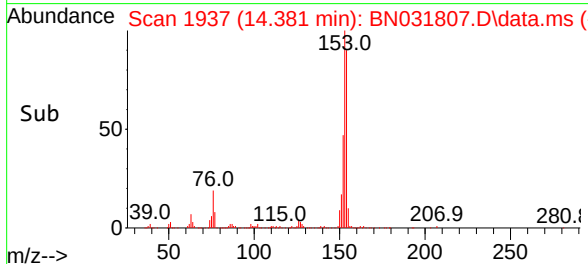
Instrument : BNA_N
ClientSampleId : BH5S9DL



Tgt Ion:153 Resp: 124050
Ion Ratio Lower Upper
153 100
152 47.3 37.8 56.6
154 89.9 69.8 104.8

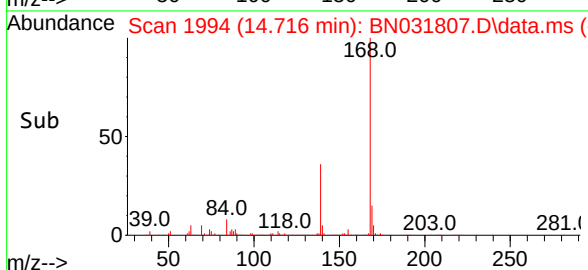
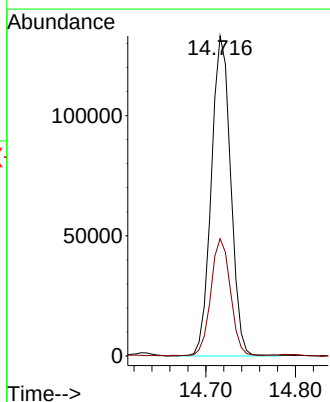
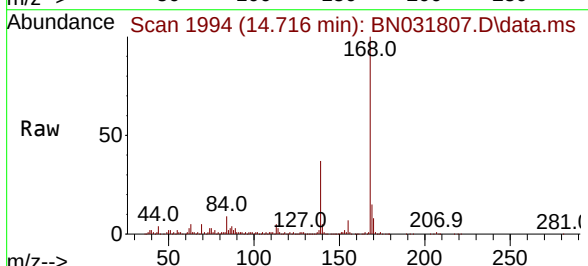
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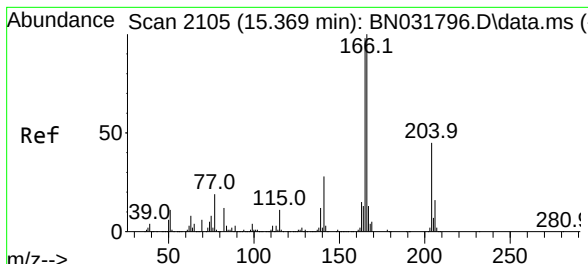
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#56
Dibenzofuran
Concen: 2.427 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BN031807.D
Acq: 05 Jun 2024 19:45

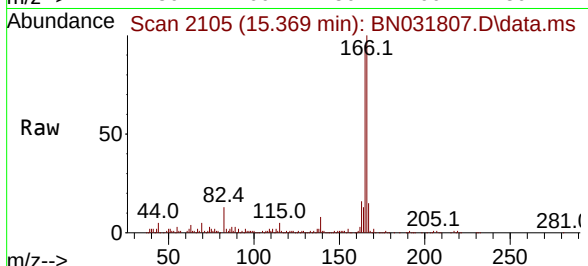
Tgt Ion:168 Resp: 199906
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0





#61
 Fluorene
 Concen: 2.226 ng/ul
 RT: 15.369 min Scan# 2105
 Delta R.T. -0.006 min
 Lab File: BN031807.D
 Acq: 05 Jun 2024 19:45

Instrument : BNA_N
 ClientSampleId : BH5S9DL

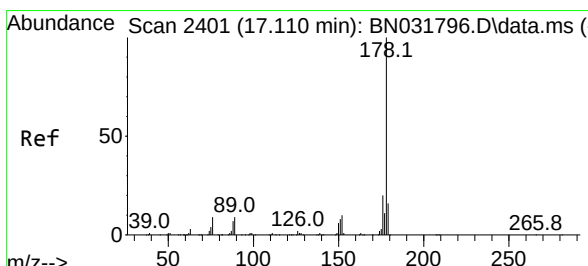
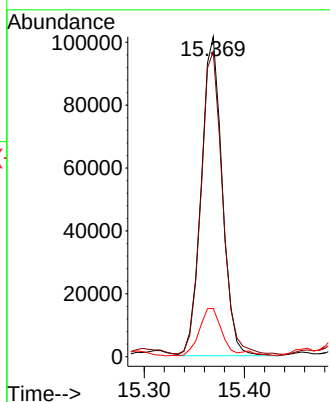
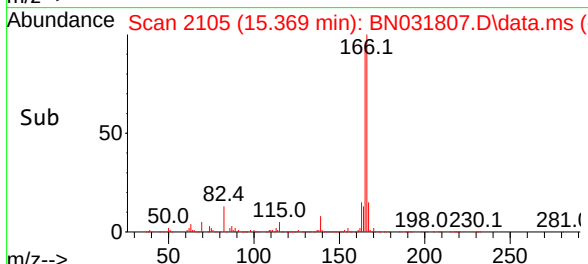


Tgt Ion:166 Resp: 14762

Ion	Ratio	Lower	Upper
166	100		
165	95.4	80.3	120.5
167	15.1	11.3	16.9

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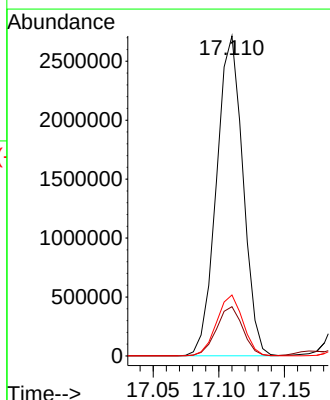
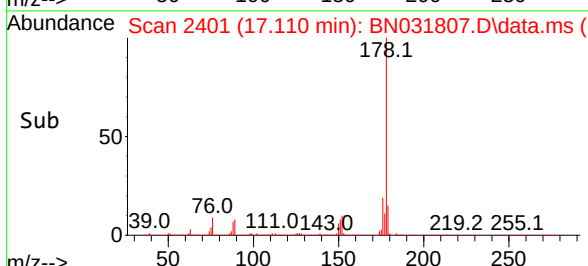
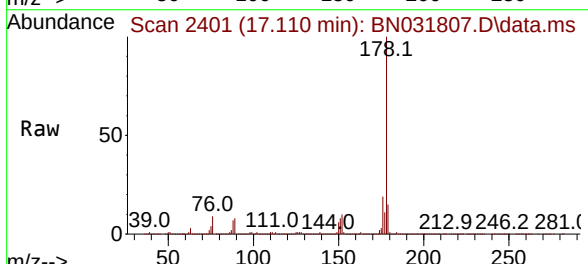
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

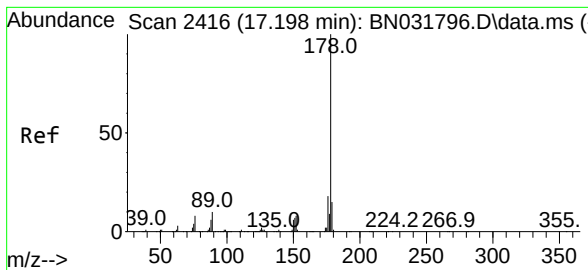


#72
 Phenanthrene
 Concen: 34.675 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031807.D
 Acq: 05 Jun 2024 19:45

Tgt Ion:178 Resp: 3804442

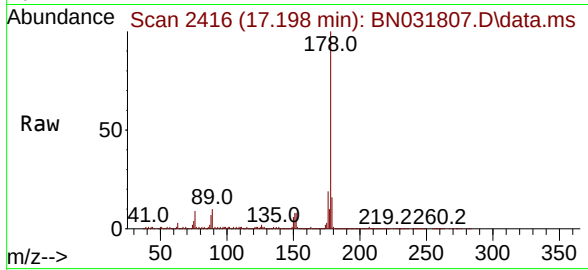
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.0	15.8	23.6





#74
 Anthracene
 Concen: 7.093 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031807.D
 Acq: 05 Jun 2024 19:45

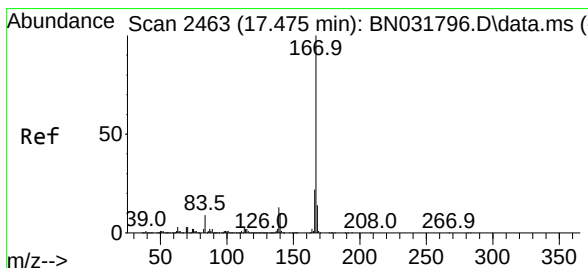
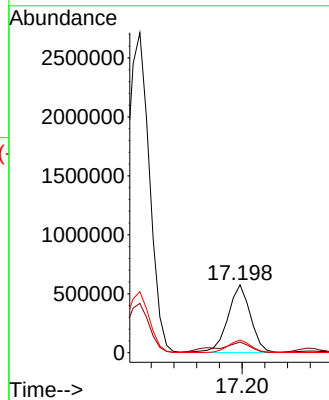
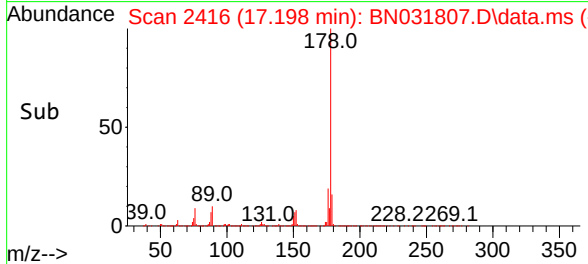
Instrument :
 BNA_N
 ClientSampleId :
 BH5S9DL



Tgt Ion:178 Resp: 788549
 Ion Ratio Lower Upper
 178 100
 179 15.7 11.8 17.6
 176 18.6 14.8 22.2

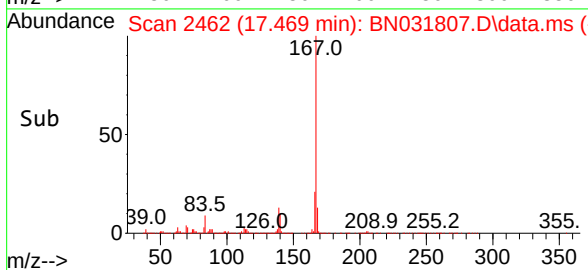
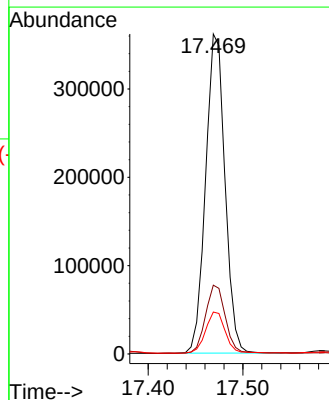
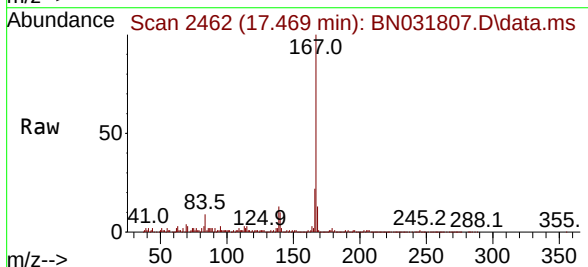
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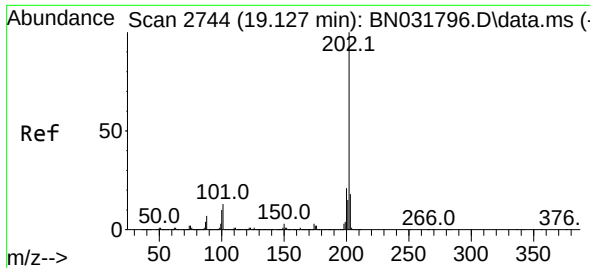
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



#77
 Carbazole
 Concen: 5.394 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031807.D
 Acq: 05 Jun 2024 19:45

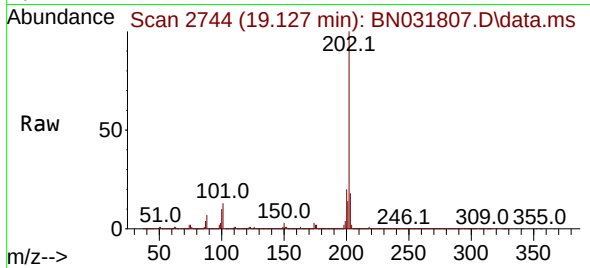
Tgt Ion:167 Resp: 511354
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.9 26.9
 139 13.1 10.5 15.7





#80
Fluoranthene
Concen: 43.168 ng/u1
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031807.D
Acq: 05 Jun 2024 19:45

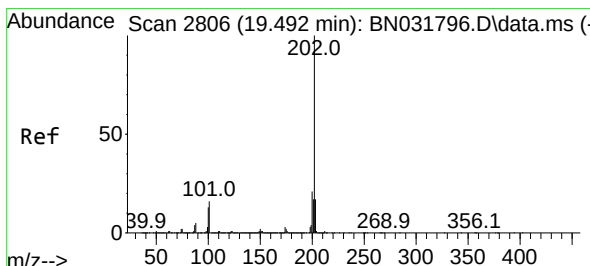
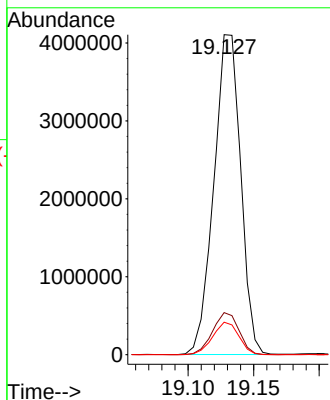
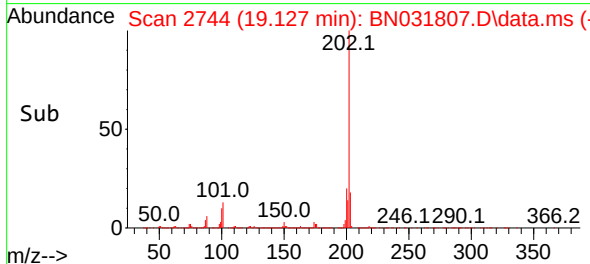
Instrument :
BNA_N
ClientSampleId :
BH5S9DL



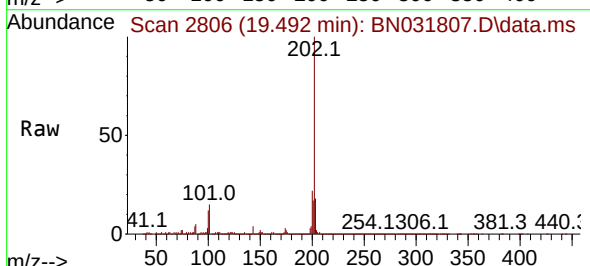
Tgt Ion:202 Resp: 583925
Ion Ratio Lower Upper
202 100
101 13.2 10.3 15.5
100 10.1 8.0 12.0

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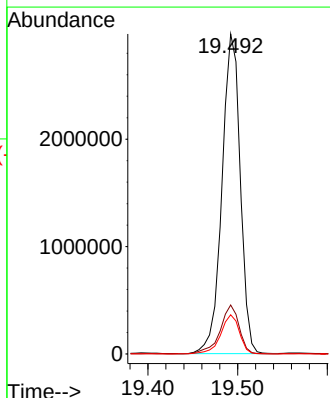
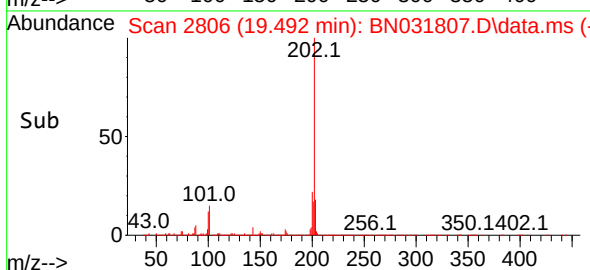
Reviewed By :Jagrut Upadhyay 06/06/2024
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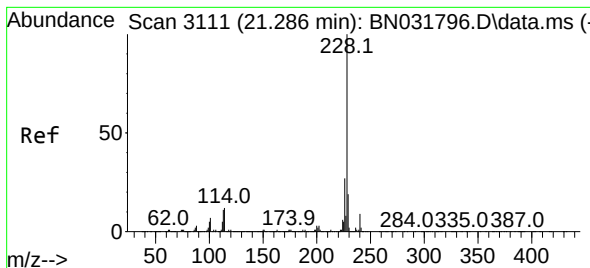


#82
Pyrene
Concen: 30.390 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031807.D
Acq: 05 Jun 2024 19:45



Tgt Ion:202 Resp: 4217661
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.3 10.2 15.2





#85

Benzo(a)anthracene

Concen: 21.150 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031807.D

Acq: 05 Jun 2024 19:45

Instrument :

BNA_N

ClientSampleId :

BH5S9DL

Tgt Ion:228 Resp: 299431

Ion Ratio Lower Upper

228 100

229 21.0 16.7 25.1

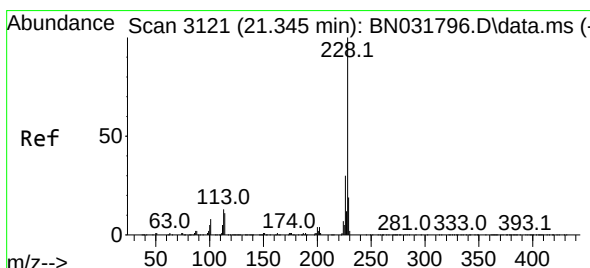
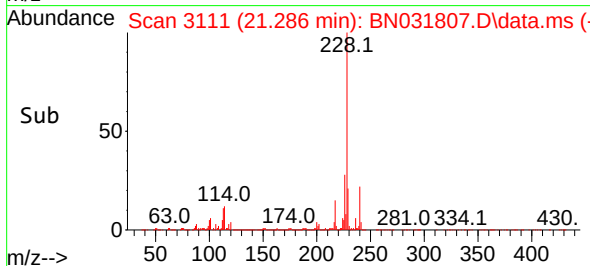
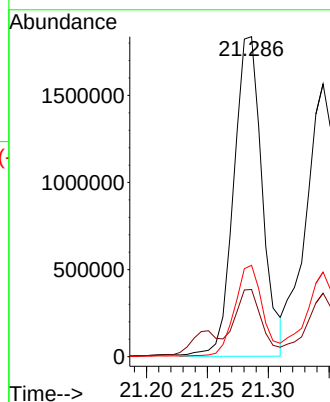
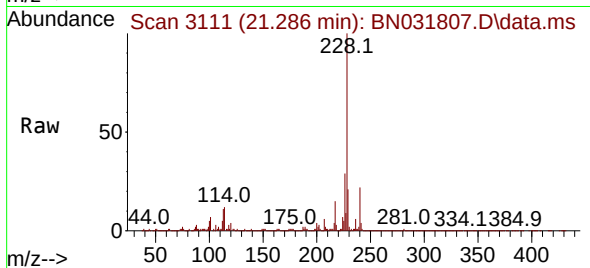
226 28.6 22.8 34.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/06/2024

Supervised By :mohammad ahmed 06/07/2024



#87

Chrysene

Concen: 20.207 ng/ul m

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031807.D

Acq: 05 Jun 2024 19:45

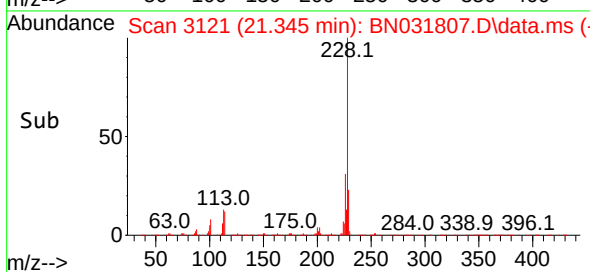
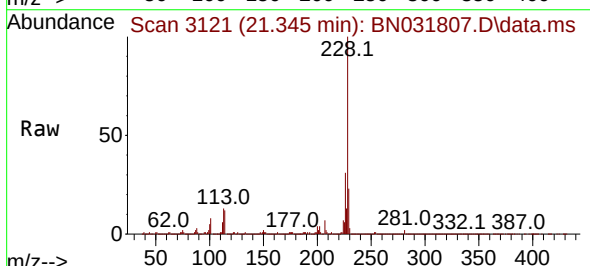
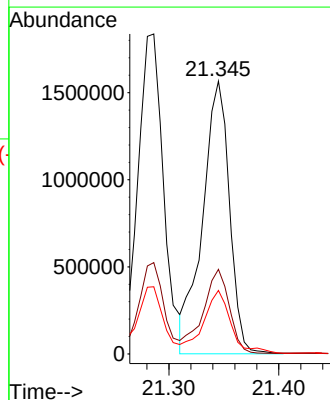
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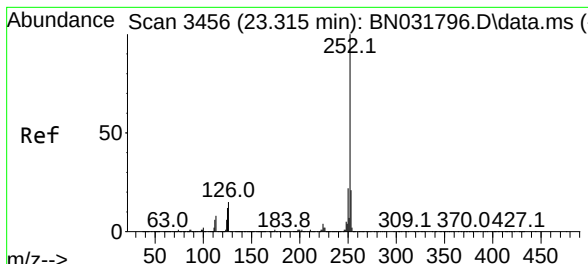
Ion Ratio Lower Upper

228 100

226 31.0 23.7 35.5

229 23.3 15.1 22.7#





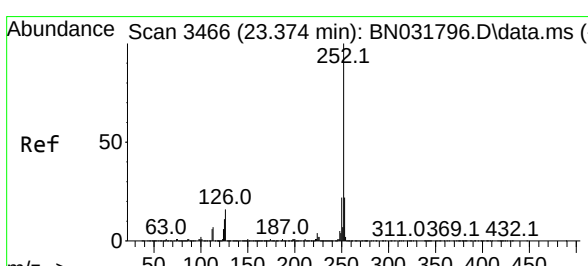
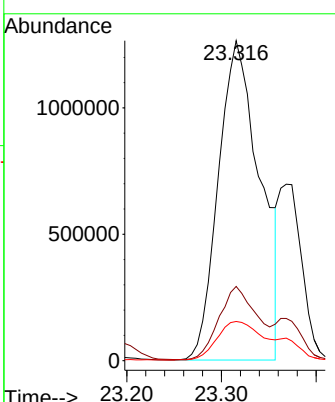
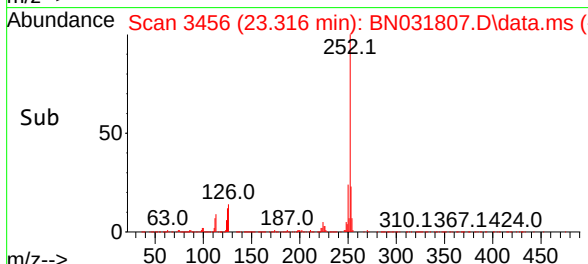
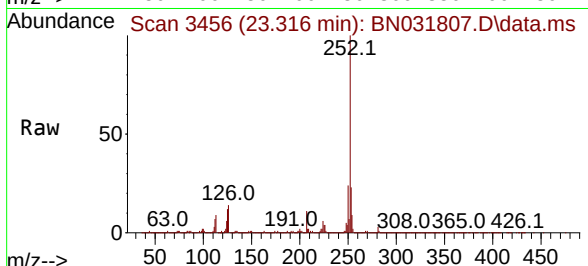
#90
 Benzo(b)fluoranthene
 Concen: 26.167 ng/ul
 RT: 23.316 min Scan# 3456
 Delta R.T. 0.006 min
 Lab File: BN031807.D
 Acq: 05 Jun 2024 19:45

Instrument : BNA_N
 ClientSampleId : BH5S9DL

Tgt Ion:252 Resp: 3861128

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.3	9.2	13.8

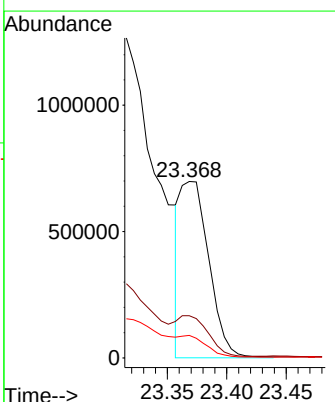
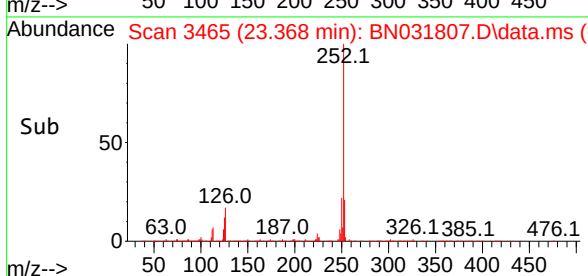
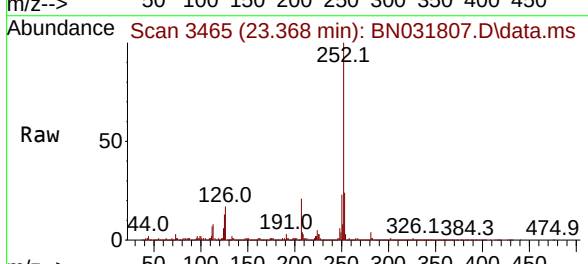
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

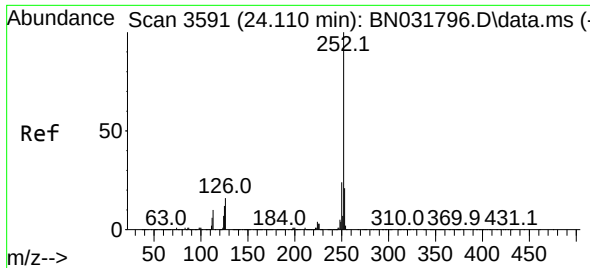


#91
 Benzo(k)fluoranthene
 Concen: 8.064 ng/ul m
 RT: 23.368 min Scan# 3465
 Delta R.T. -0.006 min
 Lab File: BN031807.D
 Acq: 05 Jun 2024 19:45

Tgt Ion:252 Resp: 1167551

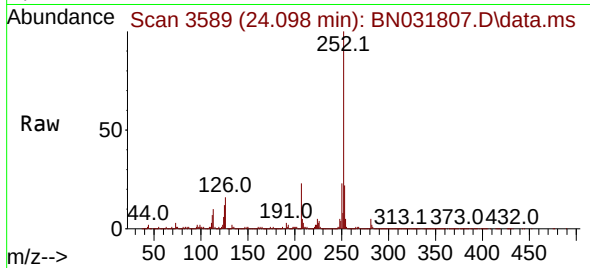
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	12.8	9.4	14.2





#93
Benzo(a)pyrene
Concen: 10.915 ng/ul
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031807.D
Acq: 05 Jun 2024 19:45

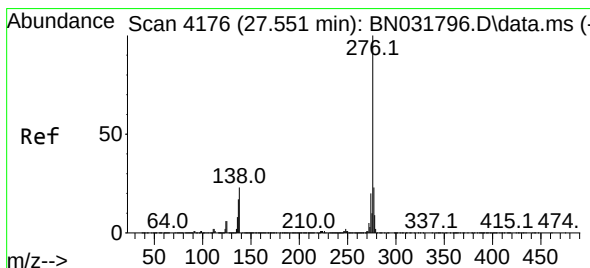
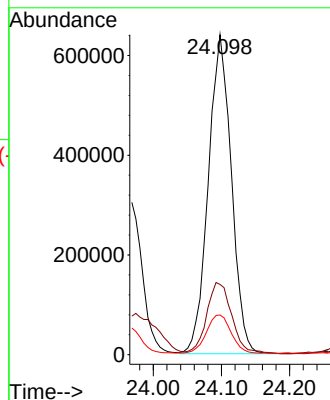
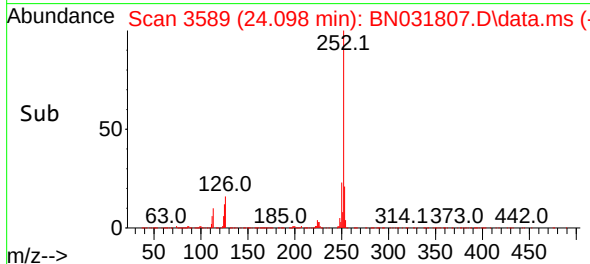
Instrument :
BNA_N
ClientSampleId :
BH5S9DL



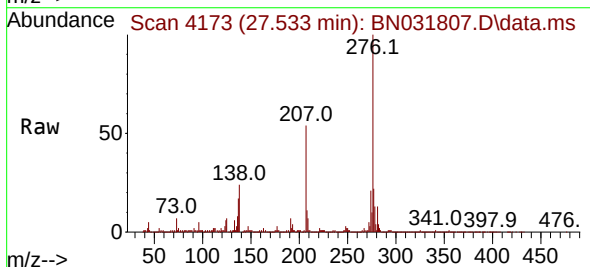
Tgt Ion:252 Resp: 1508429
Ion Ratio Lower Upper
252 100
253 22.0 16.6 24.8
125 12.4 9.8 14.8

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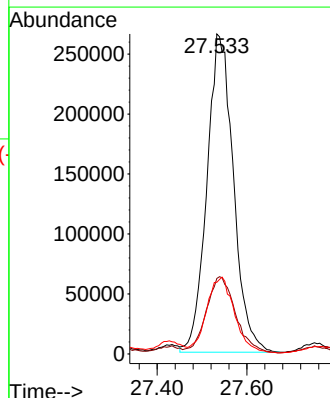
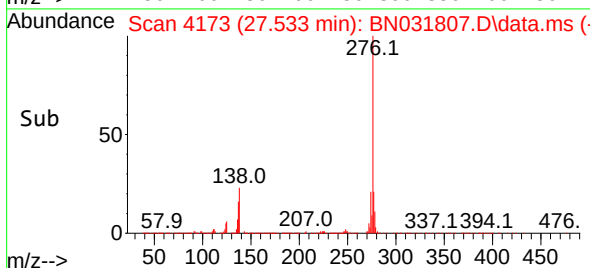
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

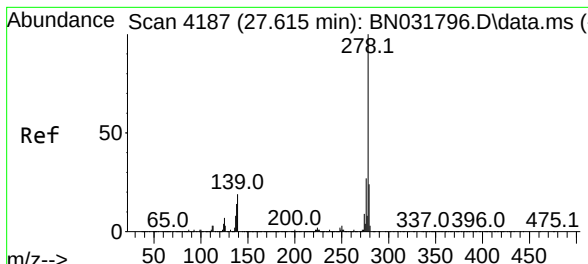


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.846 ng/ul
RT: 27.533 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BN031807.D
Acq: 05 Jun 2024 19:45



Tgt Ion:276 Resp: 1090300
Ion Ratio Lower Upper
276 100
138 23.6 18.1 27.1
277 22.4 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 3.082 ng/ul m
 RT: 27.586 min Scan# 4187
 Delta R.T. -0.018 min
 Lab File: BN031807.D
 Acq: 05 Jun 2024 19:45

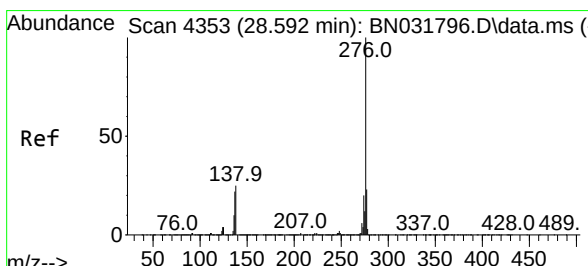
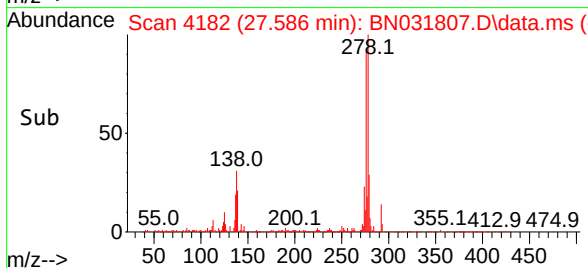
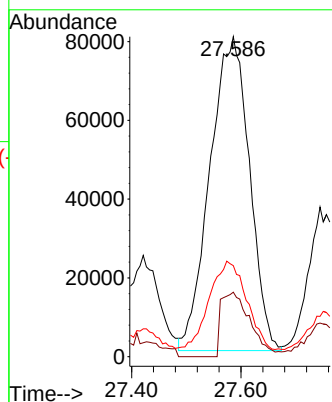
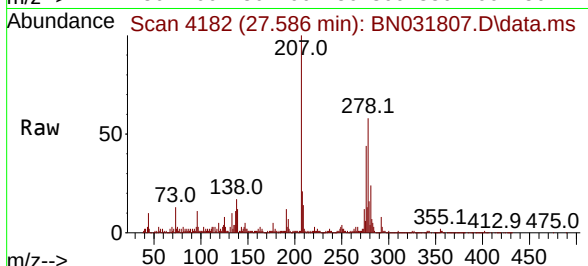
Instrument :
 BNA_N
 ClientSampleId :
 BH5S9DL

Tgt Ion: 278 Resp: 40065

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.0	22.6
279	28.5	17.4	26.0

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 1.038 ng/ul m
 RT: 28.574 min Scan# 4350
 Delta R.T. 0.006 min
 Lab File: BN031807.D
 Acq: 05 Jun 2024 19:45

Tgt Ion: 276 Resp: 131450

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.9	31.3
277	25.5	18.0	27.0

