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 Data File : BN031806.D
 Acq On : 05 Jun 2024 19:05
 Operator : MA/JU
 Sample : P2591-15DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ6DL

Manual Integrations
 APPROVED

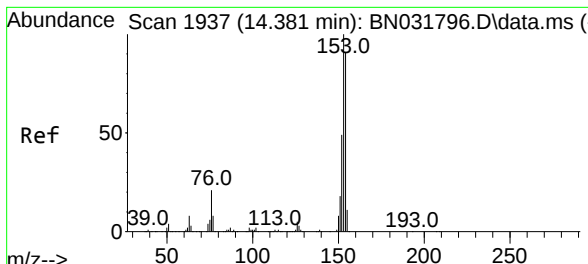
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 00:23:34 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	329111	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.458	136	1536887	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	1033495	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.069	188	2203396	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2211784	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2600039	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7528	0.946	ng/uL	-0.01
4) Pyridine-d5	3.599	84	65775	2.937	ng/u1	0.00
7) Phenol-d5	6.846	99	190453	6.750	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	99096	6.005	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	141747	6.584	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	150212	6.531	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	71483	6.083	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	74283	6.120	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	151857	6.701	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	132760	3.946	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	486162	6.752	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	555196	6.706	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	82412	5.717	ng/u1	0.00
60) Fluorene-d10	15.310	176	433055	7.109	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	47556	4.294	ng/u1	0.00
73) Anthracene-d10	17.163	188	667068	7.071	ng/u1	0.00
81) Pyrene-d10	19.463	212	768915	6.497	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	642407	5.174	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.381	153	63991	1.034	ng/u1	95
56) Dibenzofuran	14.716	168	92025	1.094	ng/u1	100
61) Fluorene	15.363	166	84426	1.246	ng/u1	96
72) Phenanthrene	17.110	178	2141982	19.083	ng/u1	99
74) Anthracene	17.198	178	425633	3.742	ng/u1	98
77) Carbazole	17.469	167	276061	2.847	ng/u1	98
80) Fluoranthene	19.128	202	3534014	24.984	ng/u1	100
82) Pyrene	19.492	202	2427372	16.726	ng/u1	98
85) Benzo(a)anthracene	21.280	228	1710626	11.555	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	108095	1.082	ng/u1	98
87) Chrysene	21.345	228	1623430	11.740	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	2128836	13.698	ng/u1	98
91) Benzo(k)fluoranthene	23.369	252	769106m	5.043	ng/u1	
93) Benzo(a)pyrene	24.092	252	815195	5.601	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.533	276	604990	3.607	ng/u1	96
95) Dibenzo(a,h)anthracene	27.592	278	229695m	1.677	ng/u1	

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



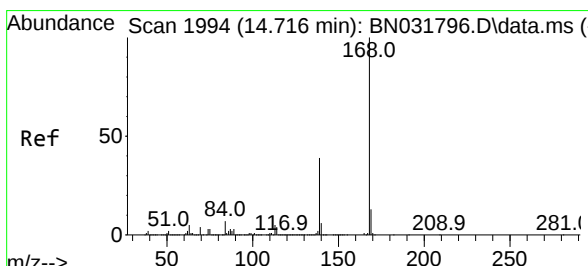
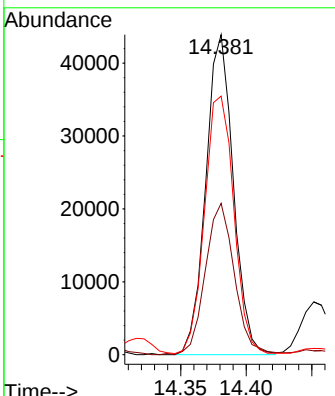
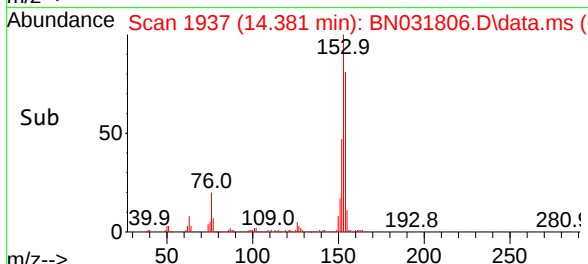
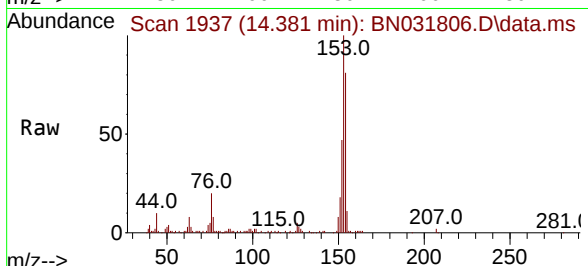
#52
 Acenaphthene
 Concen: 1.034 ng/ul
 RT: 14.381 min Scan# 1937
 Delta R.T. -0.006 min
 Lab File: BN031806.D
 Acq: 05 Jun 2024 19:05

Instrument : BNA_N
 ClientSampleId : BHBQ6DL

Tgt Ion:153	Resp: 6399
Ion Ratio	Lower Upper
153 100	
152 47.3	37.8 56.6
154 80.8	69.8 104.8

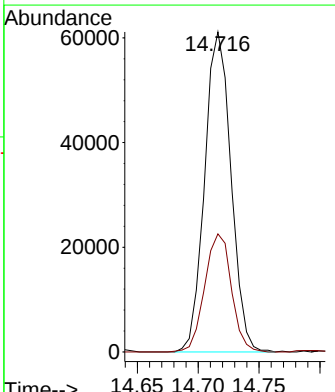
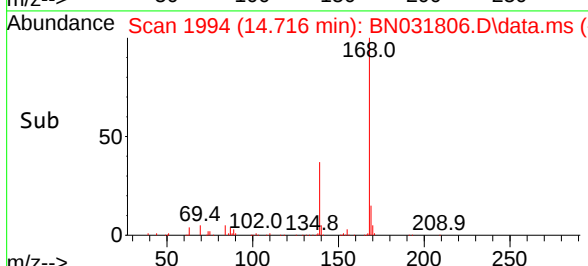
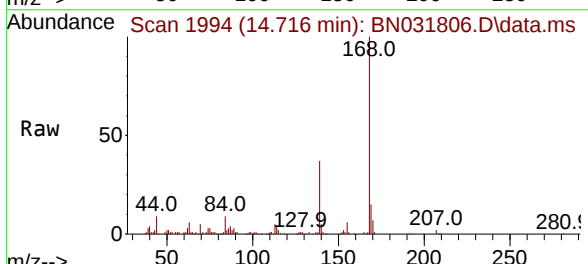
Manual Integrations
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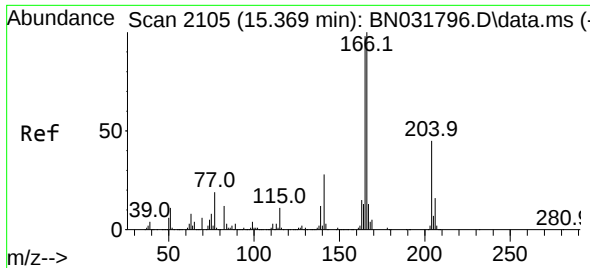
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



#56
 Dibenzofuran
 Concen: 1.094 ng/ul
 RT: 14.716 min Scan# 1994
 Delta R.T. -0.012 min
 Lab File: BN031806.D
 Acq: 05 Jun 2024 19:05

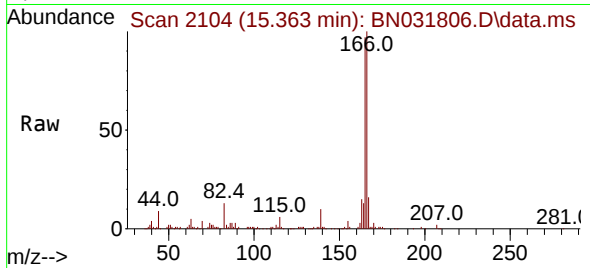
Tgt	Ion:168	Resp:	92025
Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.4	44.0





#61
Fluorene
Concen: 1.246 ng/ul
RT: 15.363 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BN031806.D
Acq: 05 Jun 2024 19:05

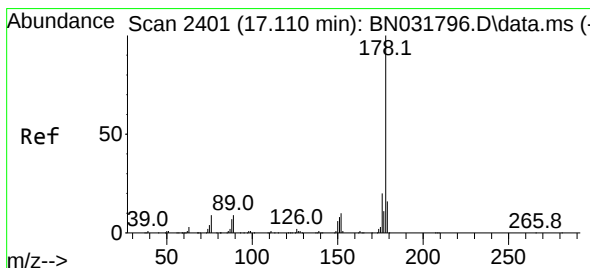
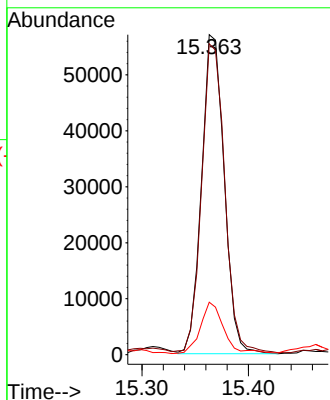
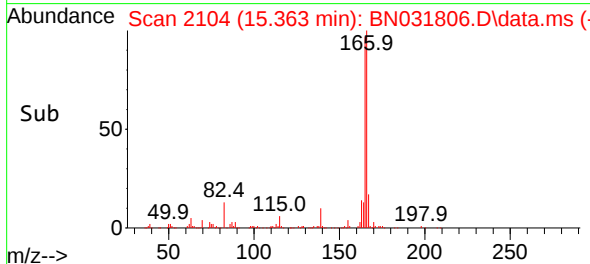
Instrument :
BNA_N
ClientSampleId :
BHBQ6DL



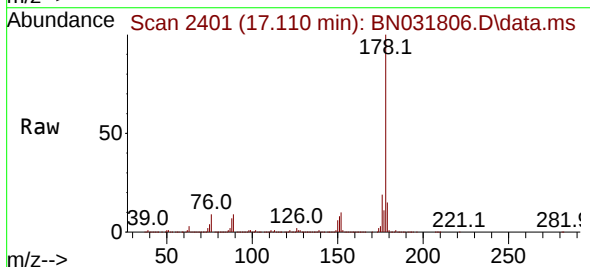
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Ion Ratio Lower Upper
166 100
165 97.2 80.3 120.5
167 16.4 11.3 16.9

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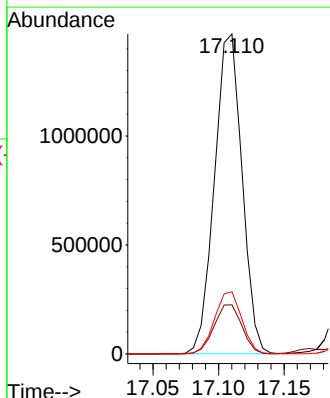
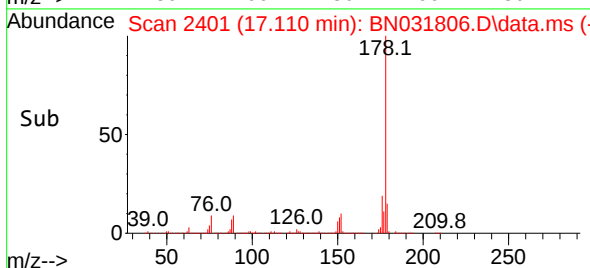
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

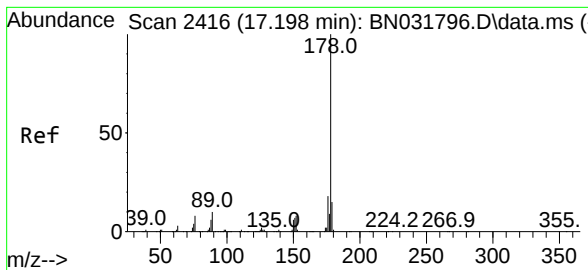


#72
Phenanthrene
Concen: 19.083 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031806.D
Acq: 05 Jun 2024 19:05



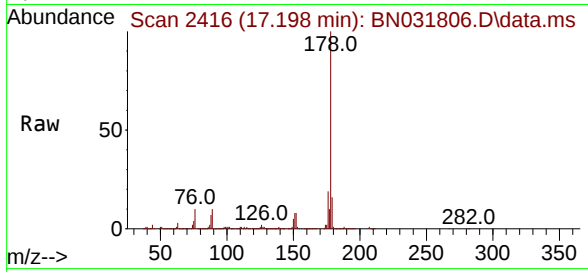
Tgt Ion:178 Resp: 2141982
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6





#74
 Anthracene
 Concen: 3.742 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031806.D
 Acq: 05 Jun 2024 19:05

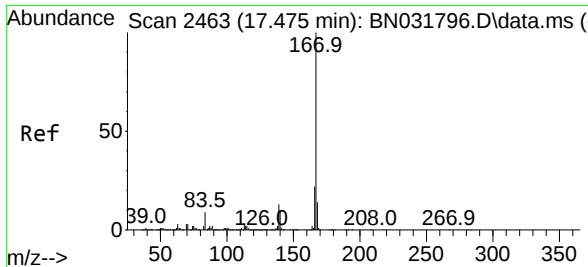
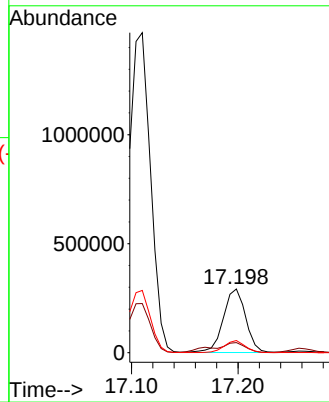
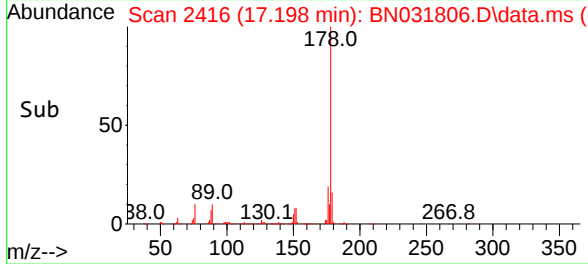
Instrument :
 BNA_N
 ClientSampleId :
 BHBQ6DL



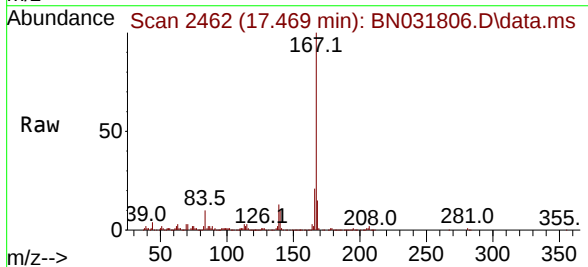
Tgt Ion:178 Resp: 425633
 Ion Ratio Lower Upper
 178 100
 179 15.8 11.8 17.6
 176 19.2 14.8 22.2

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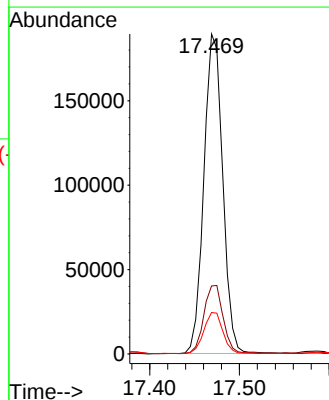
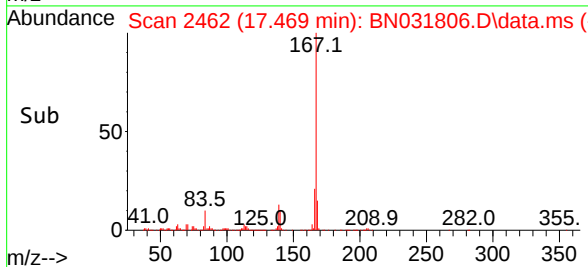
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

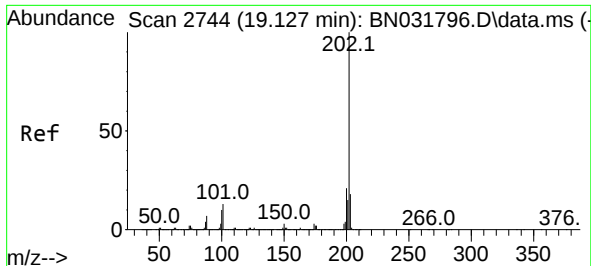


#77
 Carbazole
 Concen: 2.847 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031806.D
 Acq: 05 Jun 2024 19:05



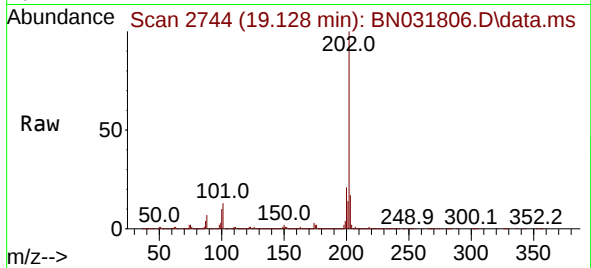
Tgt Ion:167 Resp: 276061
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.9 26.9
 139 13.0 10.5 15.7





#80
Fluoranthene
Concen: 24.984 ng/u1
RT: 19.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031806.D
Acq: 05 Jun 2024 19:05

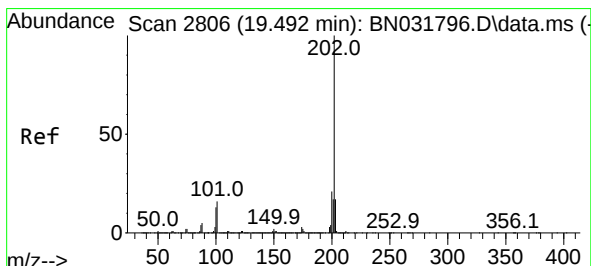
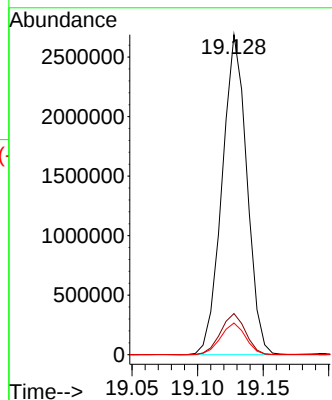
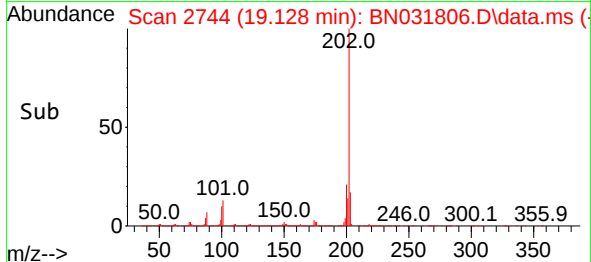
Instrument :
BNA_N
ClientSampleId :
BHBQ6DL



Tgt Ion:202 Resp: 3534014
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.9 8.0 12.0

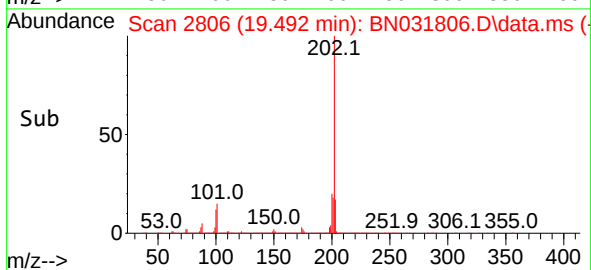
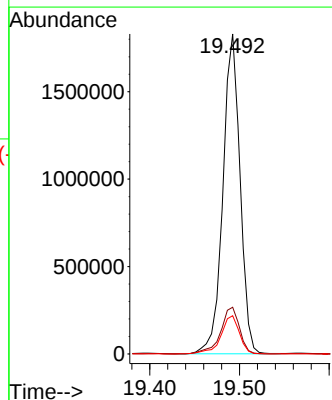
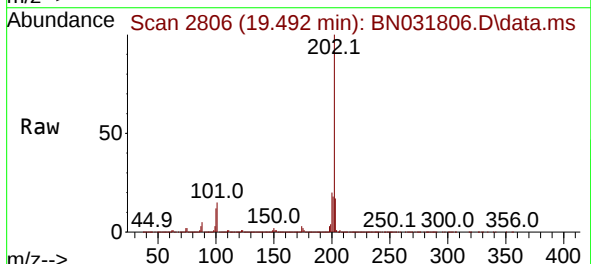
Manual Integrations
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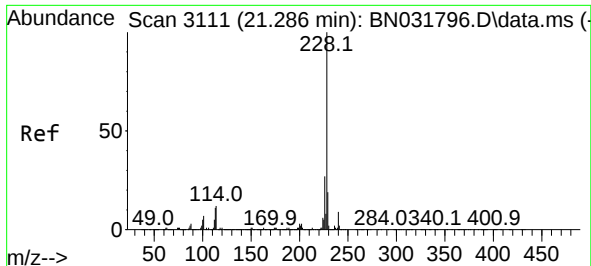
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#82
Pyrene
Concen: 16.726 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN031806.D
Acq: 05 Jun 2024 19:05

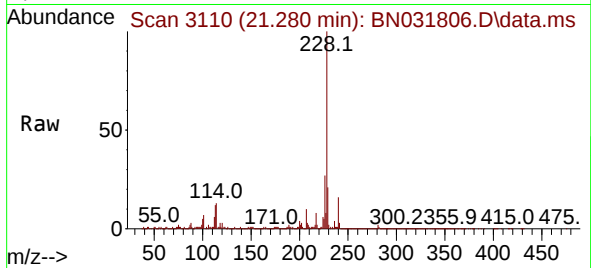
Tgt Ion:202 Resp: 2427372
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.9 10.2 15.2





#85
Benzo(a)anthracene
Concen: 11.555 ng/ul
RT: 21.280 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BN031806.D
Acq: 05 Jun 2024 19:05

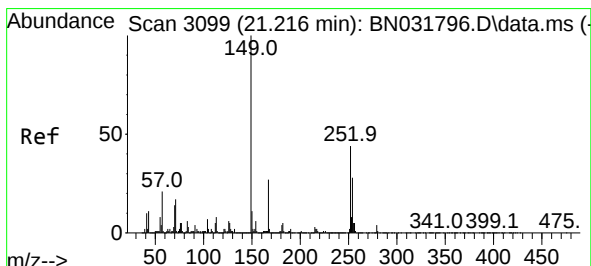
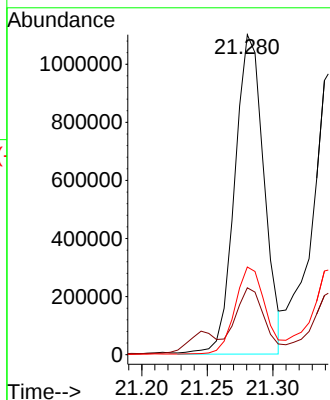
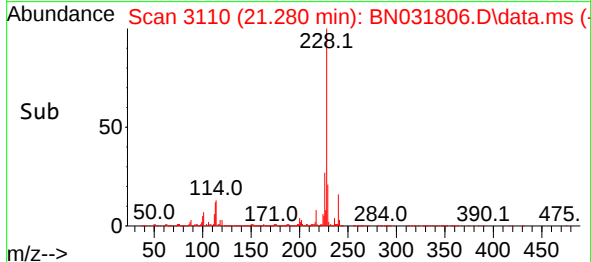
Instrument :
BNA_N
ClientSampleId :
BHBQ6DL



Tgt Ion:228 Resp: 1710620
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 27.4 22.8 34.2

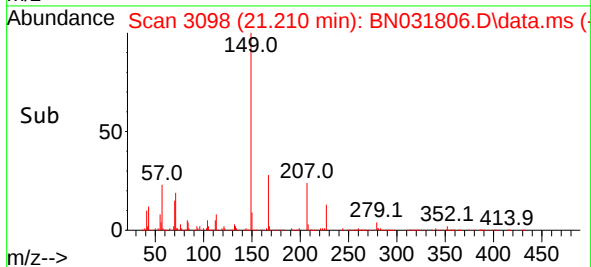
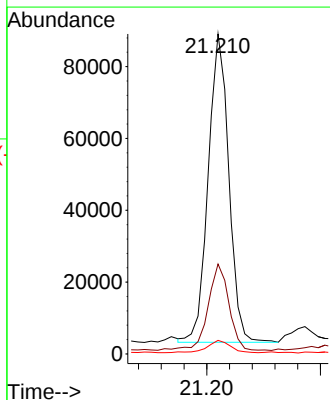
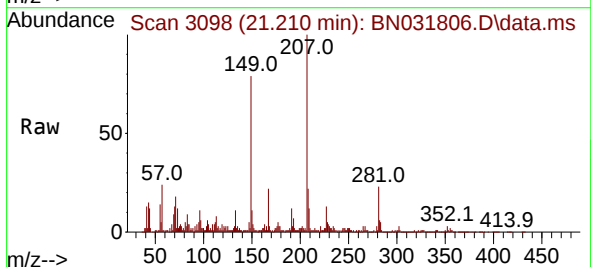
Manual Integrations
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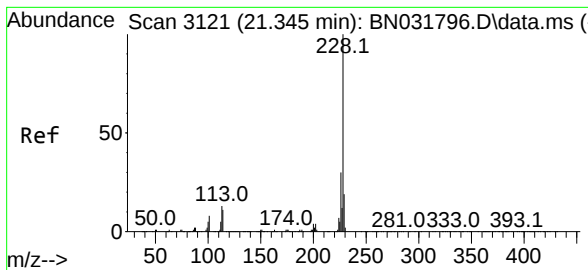
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.082 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031806.D
Acq: 05 Jun 2024 19:05

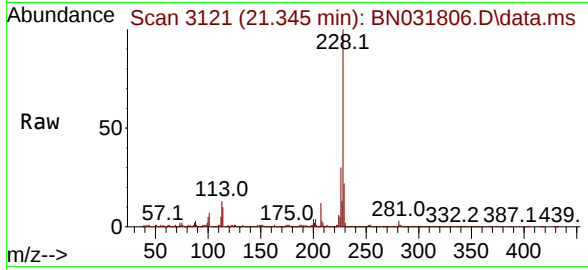
Tgt Ion:149 Resp: 108095
Ion Ratio Lower Upper
149 100
167 28.1 21.4 32.0
279 4.3 3.3 4.9





#87
 Chrysene
 Concen: 11.740 ng/ul
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BN031806.D
 Acq: 05 Jun 2024 19:05

Instrument :
 BNA_N
 ClientSampleId :
 BHBQ6DL

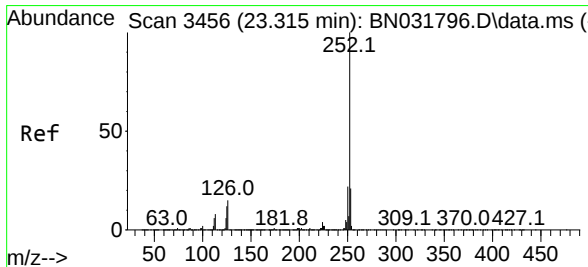
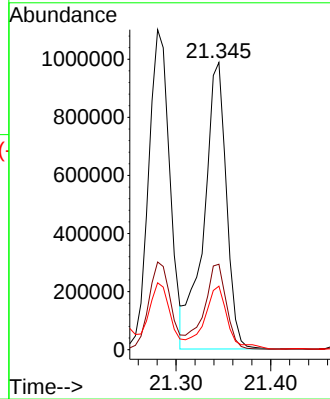
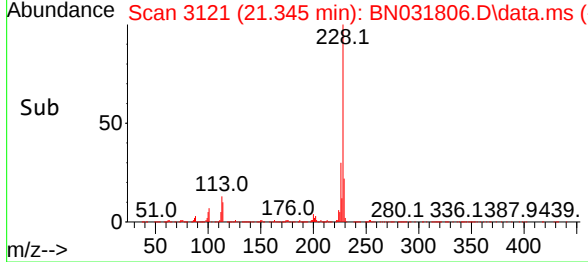


Tgt Ion: 228 Resp: 1623430

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	22.1	15.1	22.7

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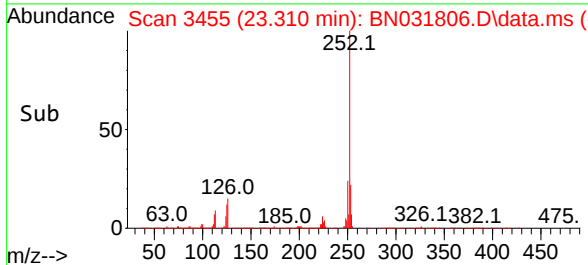
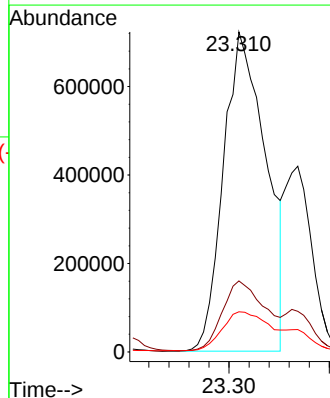
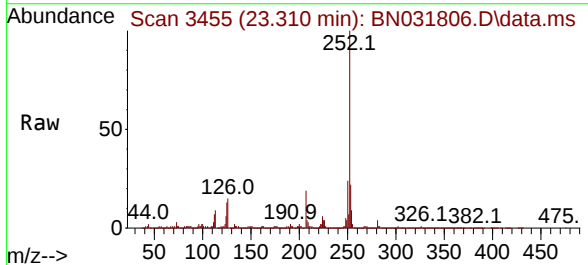
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

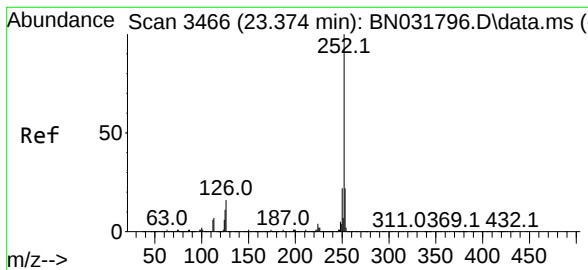


#90
 Benzo(b)fluoranthene
 Concen: 13.698 ng/ul
 RT: 23.310 min Scan# 3455
 Delta R.T. 0.000 min
 Lab File: BN031806.D
 Acq: 05 Jun 2024 19:05

Tgt Ion: 252 Resp: 2128836

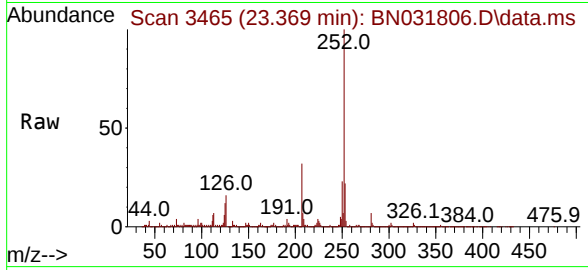
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.5	9.2	13.8





#91
Benzo(k)fluoranthene
Concen: 5.043 ng/ul m
RT: 23.369 min Scan# 3466
Delta R.T. -0.006 min
Lab File: BN031806.D
Acq: 05 Jun 2024 19:05

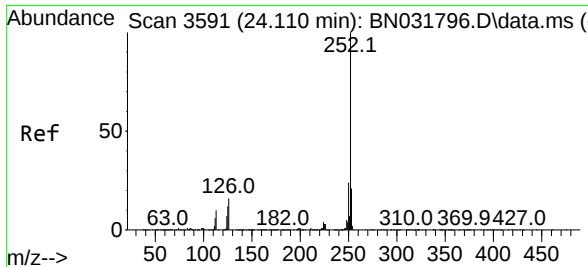
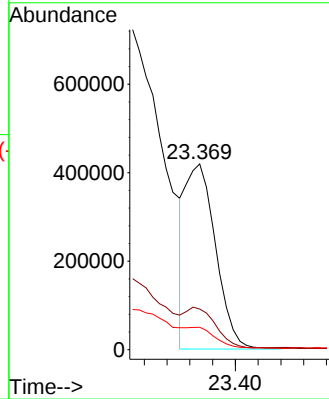
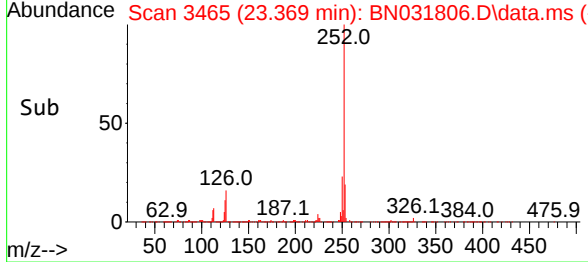
Instrument :
BNA_N
ClientSampleId :
BHBQ6DL



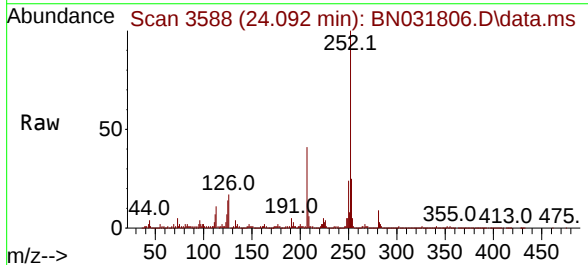
Tgt Ion:252 Resp: 769100
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.1 9.4 14.2

Manual Integrations
APPROVED

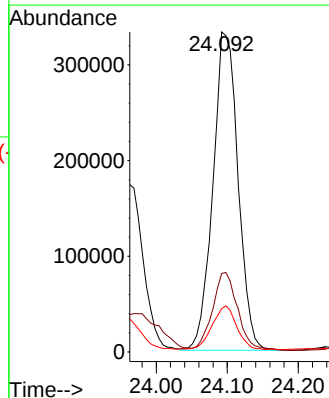
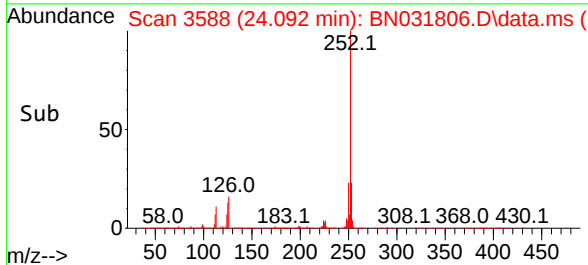
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

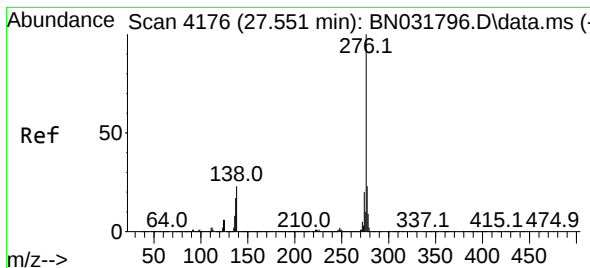


#93
Benzo(a)pyrene
Concen: 5.601 ng/ul
RT: 24.092 min Scan# 3588
Delta R.T. -0.012 min
Lab File: BN031806.D
Acq: 05 Jun 2024 19:05



Tgt Ion:252 Resp: 815195
Ion Ratio Lower Upper
252 100
253 24.5 16.6 24.8
125 13.6 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.607 ng/ul

RT: 27.533 min Scan# 4173

Delta R.T. 0.000 min

Lab File: BN031806.D

Acq: 05 Jun 2024 19:05

Instrument :

BNA_N

ClientSampleId :

BHBQ6DL

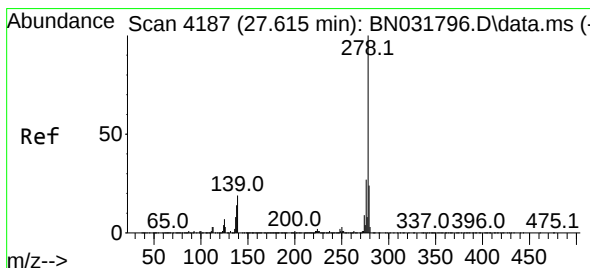
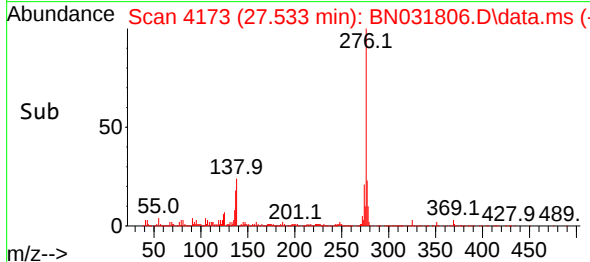
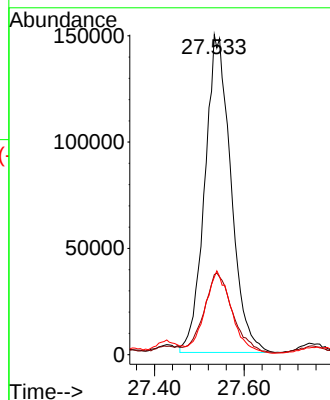
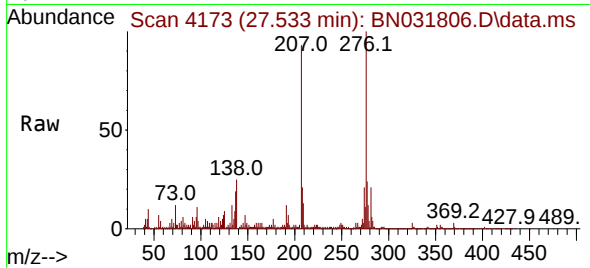
Tgt Ion:276 Resp: 604990

Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.1	27.1
277	24.2	18.2	27.2

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 1.677 ng/ul m

RT: 27.592 min Scan# 4183

Delta R.T. -0.012 min

Lab File: BN031806.D

Acq: 05 Jun 2024 19:05

Tgt Ion:278 Resp: 229695

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.0	22.6
279	24.6	17.4	26.0

