

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031856.D
 Acq On : 08 Jun 2024 13:14
 Operator : MA/JU
 Sample : P2634-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 05:30:07 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	7.669	152	400595	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1697442	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1070611	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2082065	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1269149	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1451029	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	42209	4.359	ng/uL	-0.01
4) Pyridine-d5	3.593	84	208339	7.643	ng/u1	0.00
7) Phenol-d5	6.846	99	884458	25.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	478595	23.825	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	721445	27.532	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	608782	21.747	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	371230	28.603	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	396042	29.540	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	700260	27.978	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	318521	8.571	ng/u1	-0.02
46) Dimethylphthalate-d6	13.734	166	2051158	27.501	ng/u1	-0.01
49) Acenaphthylene-d8	14.004	160	2484519	28.970	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	326381	21.855	ng/u1	0.00
60) Fluorene-d10	15.310	176	1879804	29.787	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	161495	15.431	ng/u1	0.00
73) Anthracene-d10	17.163	188	2761659	30.982	ng/u1	0.00
81) Pyrene-d10	19.463	212	2343716	34.510	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1670340	24.108	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.504	128	97349	1.108	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	83996	1.399	ng/u1	99
37) 1-Methylnaphthalene	12.340	142	60428	1.003	ng/u1	95
50) Acenaphthylene	14.034	152	204627	2.111	ng/u1	99
61) Fluorene	15.363	166	76967	1.097	ng/u1#	91
72) Phenanthrene	17.104	178	1756734	16.563	ng/u1	100
74) Anthracene	17.198	178	323649	3.011	ng/u1	100
77) Carbazole	17.469	167	137372	1.499	ng/u1	97
80) Fluoranthene	19.127	202	3237619	39.889	ng/u1	97
82) Pyrene	19.492	202	2610416	31.347	ng/u1	97
83) Butylbenzylphthalate	20.398	149	86555	2.201	ng/u1	90
85) Benzo(a)anthracene	21.286	228	1272184	14.976	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.216	149	256516	4.474	ng/u1	98
87) Chrysene	21.345	228	1609034	20.278	ng/u1	96
90) Benzo(b)fluoranthene	23.315	252	2053648	23.678	ng/u1	95
91) Benzo(k)fluoranthene	23.374	252	609648m	7.163	ng/u1	
93) Benzo(a)pyrene	24.110	252	908882	11.189	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.568	276	846899m	9.047	ng/u1	
95) Dibenzo(a,h)anthracene	27.598	278	269966	3.533	ng/u1#	87
96) Benzo(g,h,i)perylene	28.598	276	125219m	1.683	ng/u1	

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

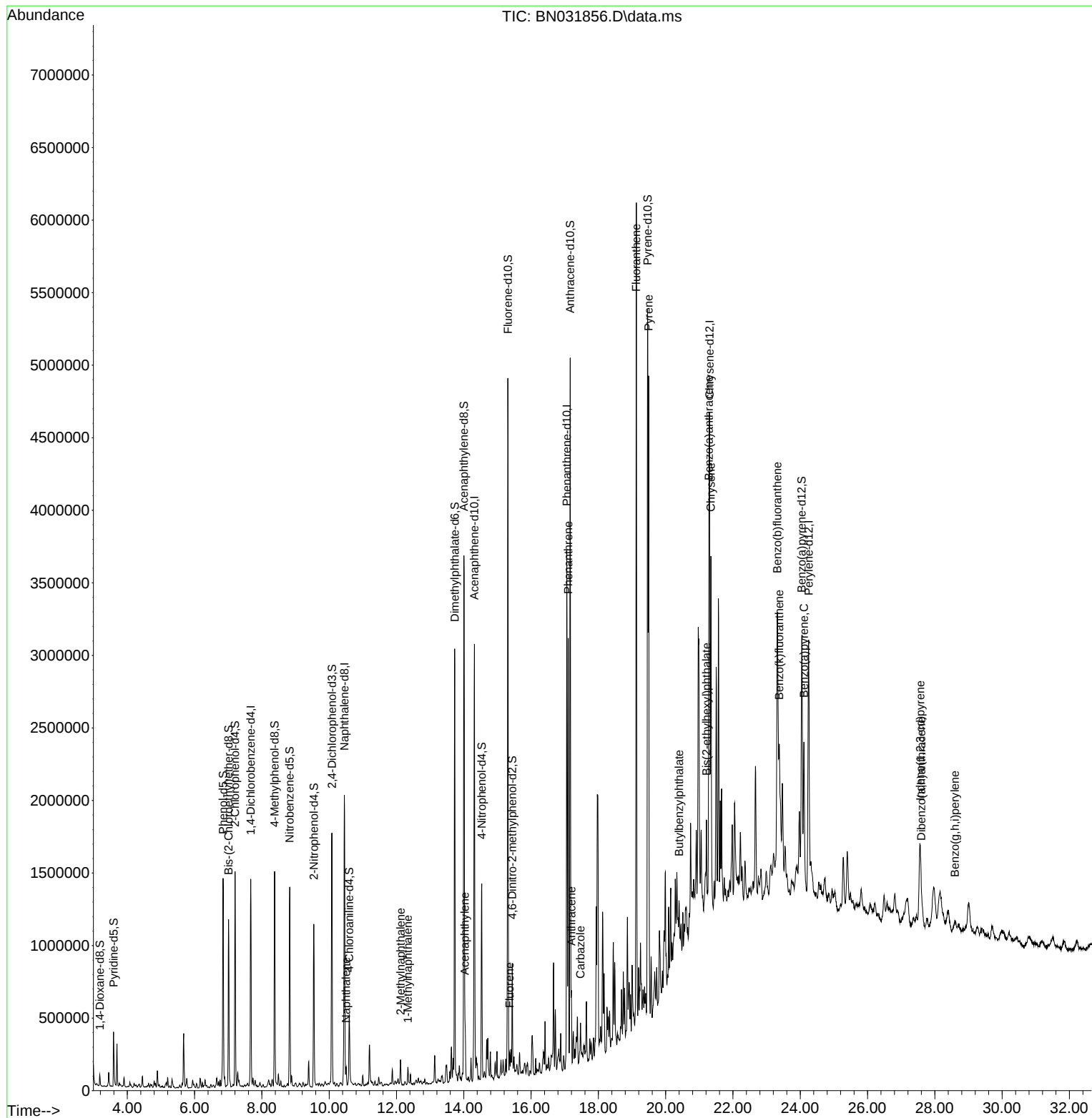
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
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 ALS Vial : 7 Sample Multiplier: 1

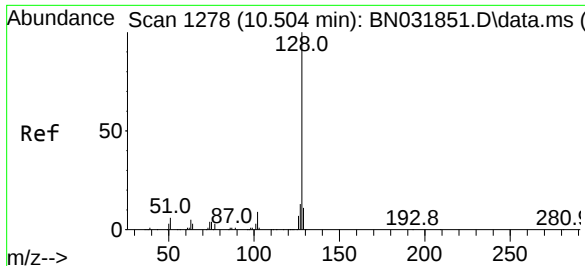
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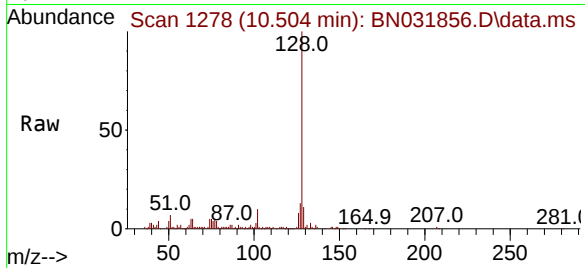
Quant Time: Jun 10 05:30:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 1.108 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

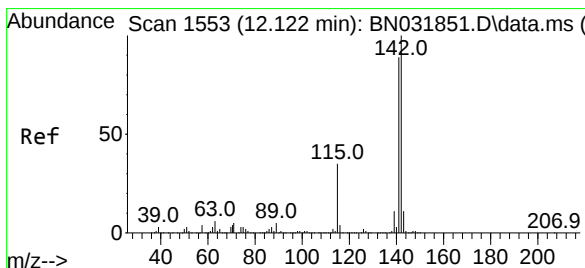
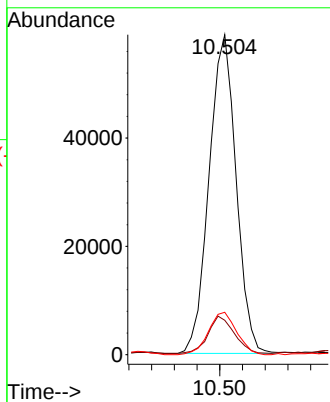
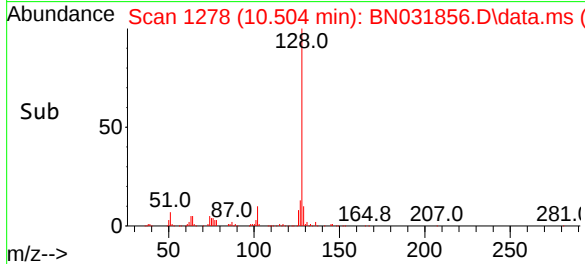
Instrument :
BNA_N
ClientSampleId :
BHBX9



Tgt Ion:128 Resp: 97349
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.3 10.3 15.5

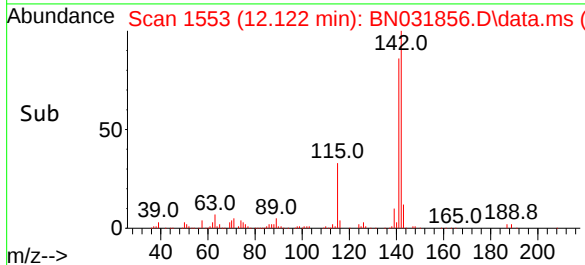
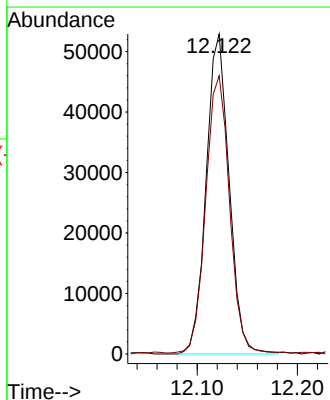
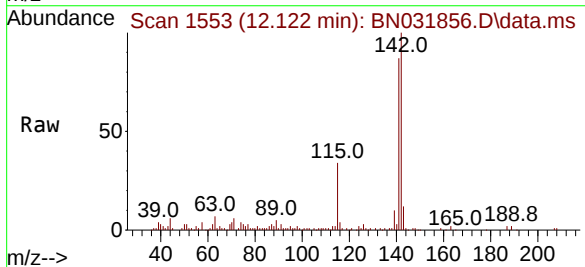
Manual Integrations
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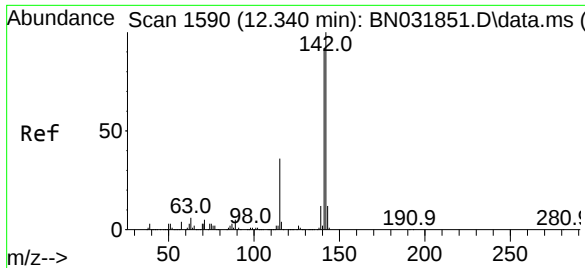
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#36
2-Methylnaphthalene
Concen: 1.399 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

Tgt Ion:142 Resp: 83996
Ion Ratio Lower Upper
142 100
141 86.9 70.1 105.1





#37

1-Methylnaphthalene

Concen: 1.003 ng/ul

RT: 12.340 min Scan# 1590

Delta R.T. -0.018 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

ClientSampleId :

BHBX9

Tgt Ion:142 Resp: 60428

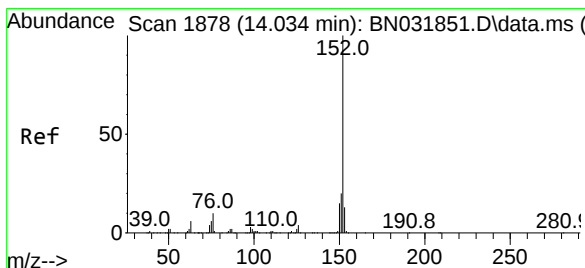
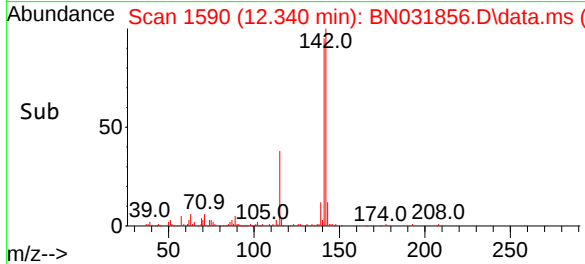
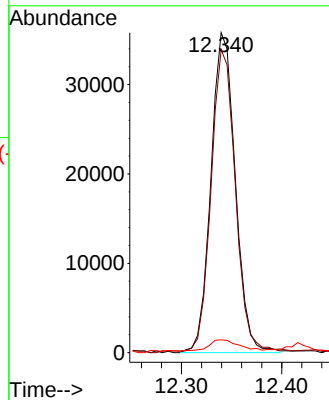
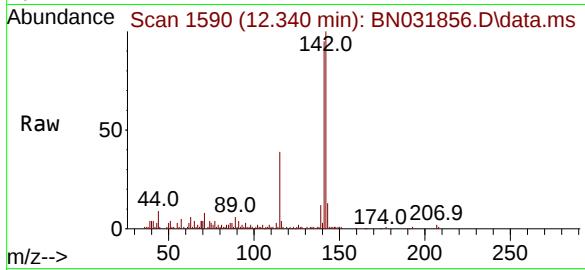
Ion	Ratio	Lower	Upper
142	100		
141	94.8	71.7	107.5
116	4.0	3.0	4.4

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#50

Acenaphthylene

Concen: 2.111 ng/ul

RT: 14.034 min Scan# 1878

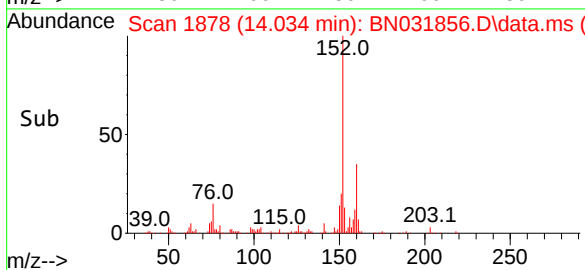
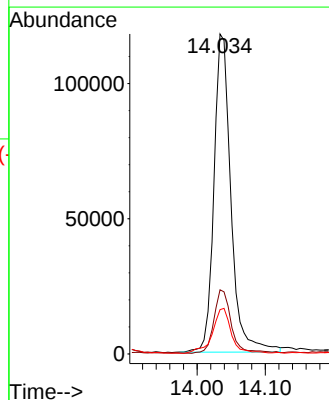
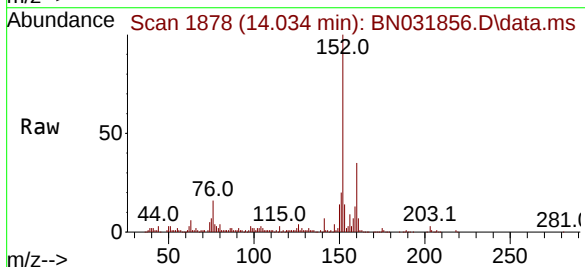
Delta R.T. -0.012 min

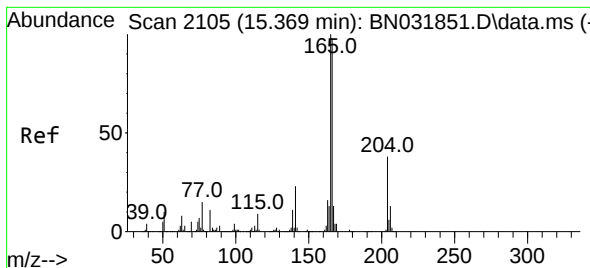
Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Tgt Ion:152 Resp: 204627

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.9	10.4	15.6





#61

Fluorene

Concen: 1.097 ng/ul

RT: 15.363 min Scan# 2105

Delta R.T. -0.012 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

ClientSampleId :

BHBX9

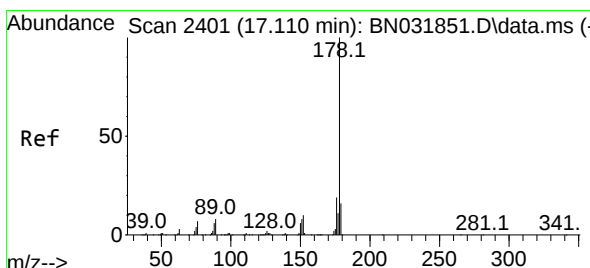
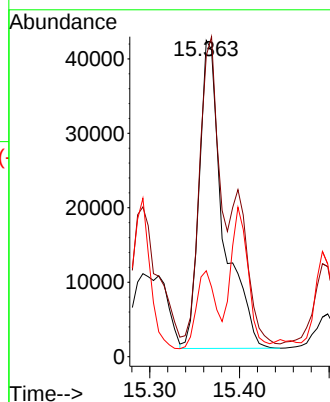
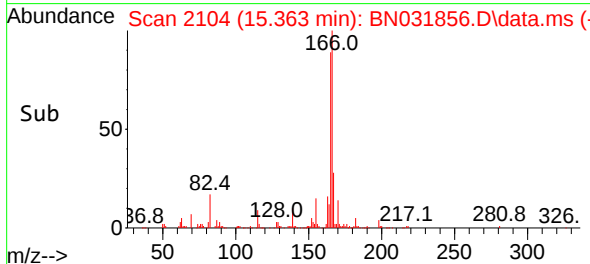
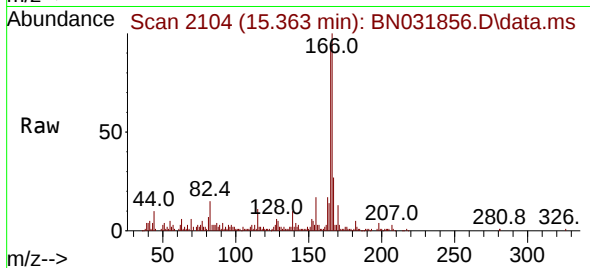
Tgt Ion:166	Resp:	7696
Ion Ratio	Lower	Upper
166	100	
165	95.2	80.3 120.5
167	27.2	11.3 16.9

Manual Integrations

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#72

Phenanthrene

Concen: 16.563 ng/ul

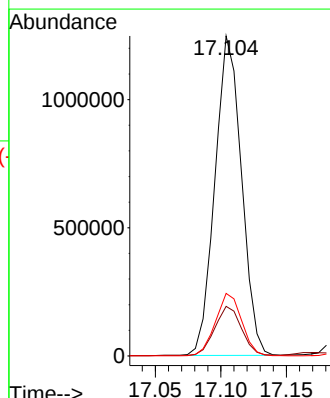
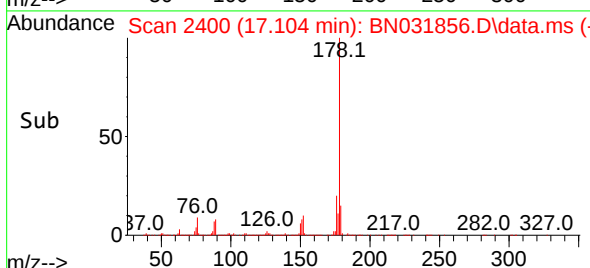
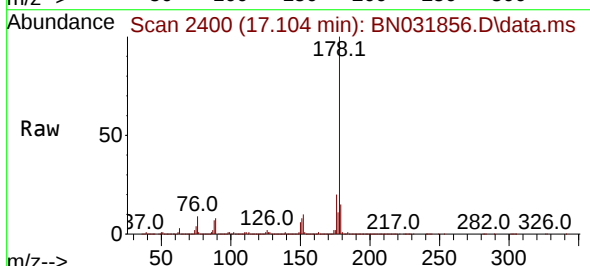
RT: 17.104 min Scan# 2400

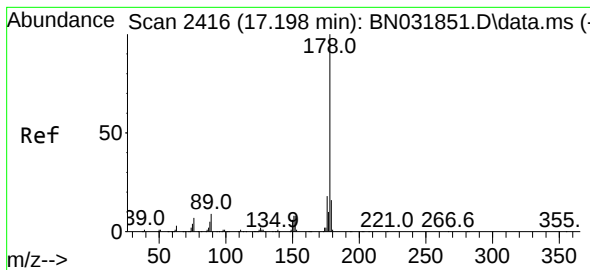
Delta R.T. -0.012 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Tgt Ion:178	Resp:	1756734
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.6 19.0
176	19.6	15.8 23.6





#74

Anthracene

Concen: 3.011 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

ClientSampleId :

BHBX9

Tgt Ion:178 Resp: 323649

Ion Ratio Lower Upper

178 100

179 14.6 11.8 17.6

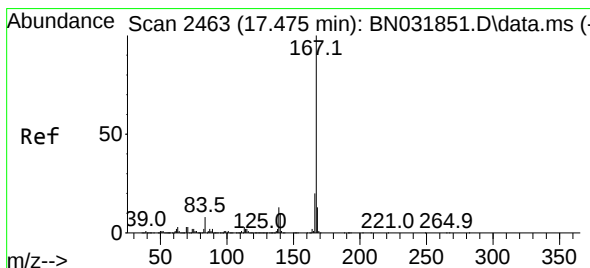
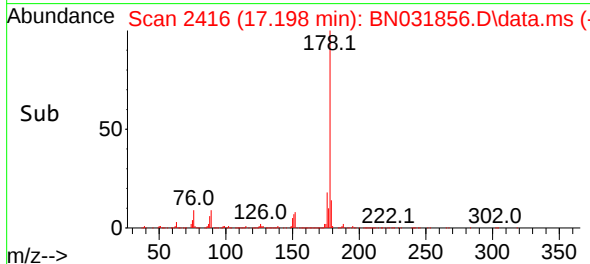
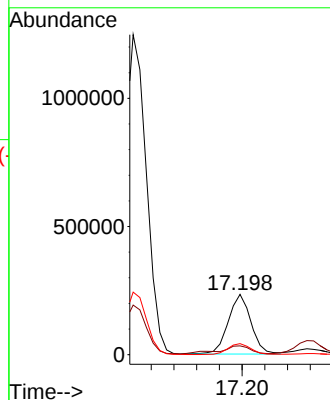
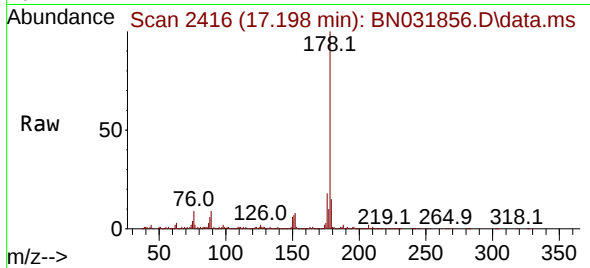
176 18.3 14.8 22.2

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#77

Carbazole

Concen: 1.499 ng/ul

RT: 17.469 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

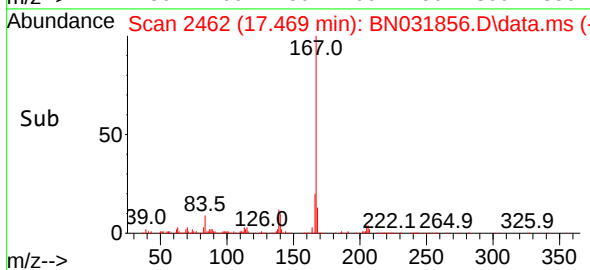
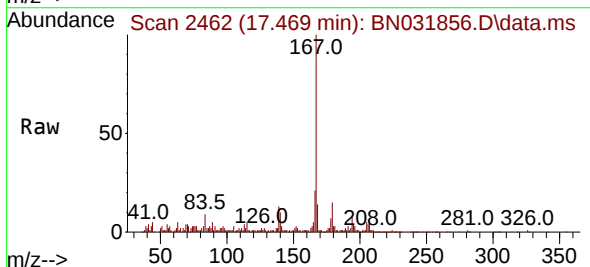
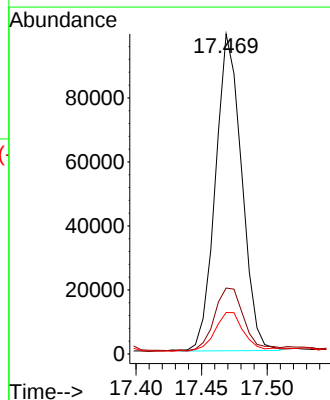
Tgt Ion:167 Resp: 137372

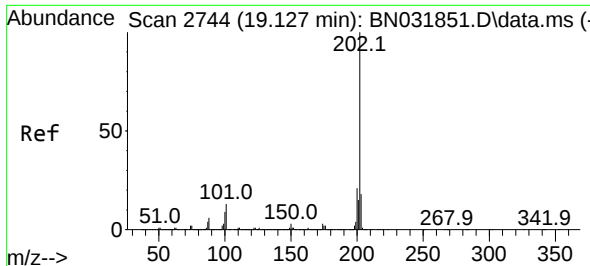
Ion Ratio Lower Upper

167 100

166 20.6 17.9 26.9

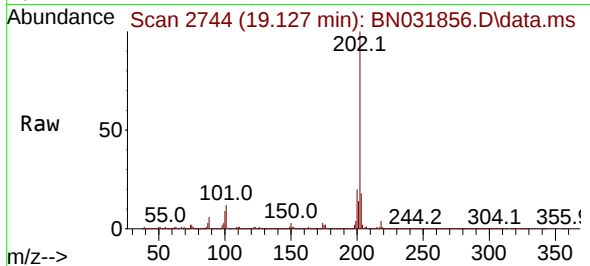
139 12.9 10.5 15.7





#80
Fluoranthene
Concen: 39.889 ng/u1
RT: 19.127 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

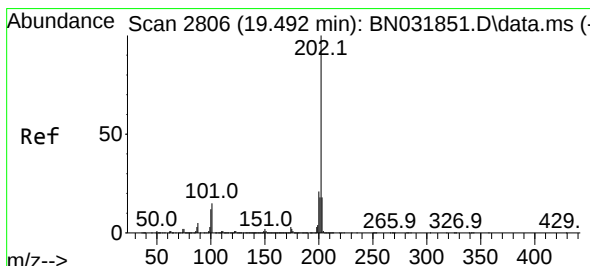
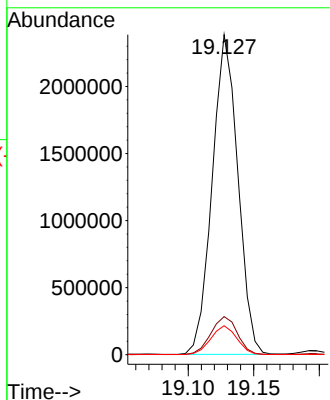
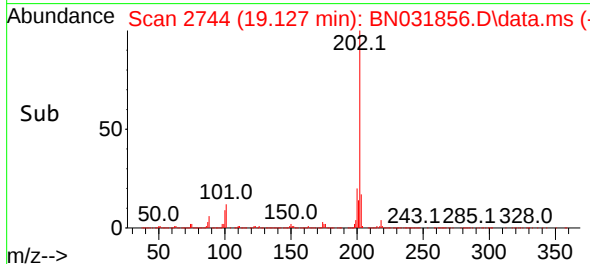
Instrument :
BNA_N
ClientSampleId :
BHBX9



Tgt Ion:202 Resp: 3237619
Ion Ratio Lower Upper
202 100
101 11.9 10.3 15.5
100 9.0 8.0 12.0

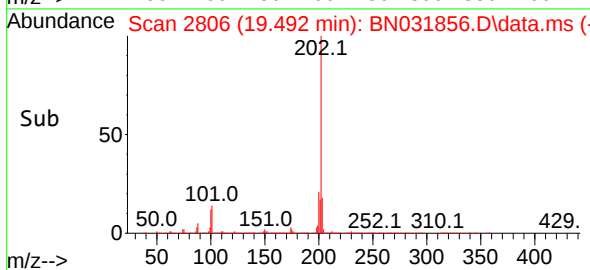
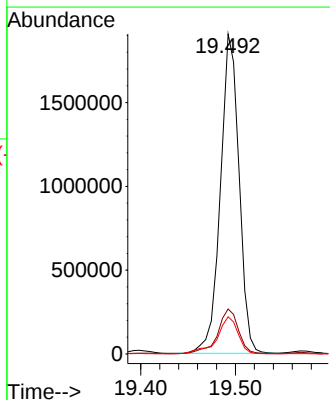
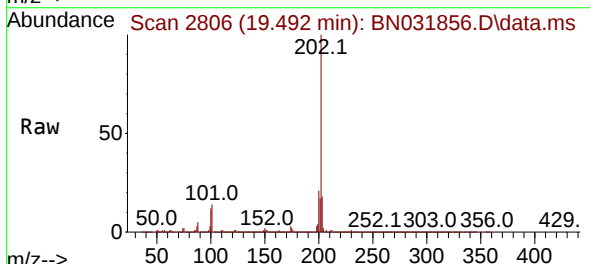
Manual Integrations
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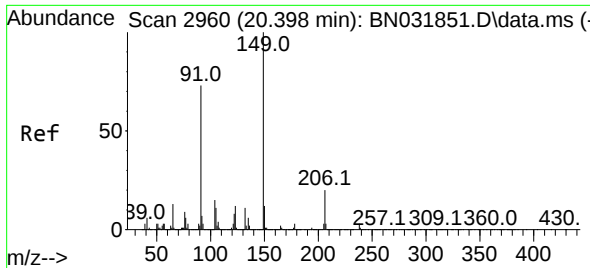
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#82
Pyrene
Concen: 31.347 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

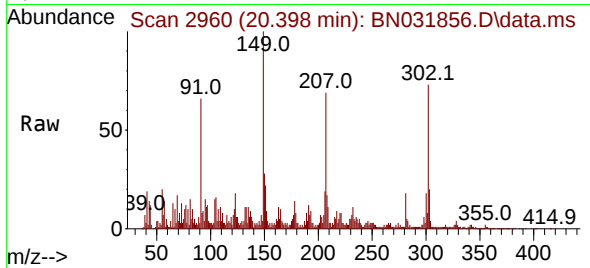
Tgt Ion:202 Resp: 2610416
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.6 10.2 15.2





#83
Butylbenzylphthalate
Concen: 2.201 ng/ul
RT: 20.398 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

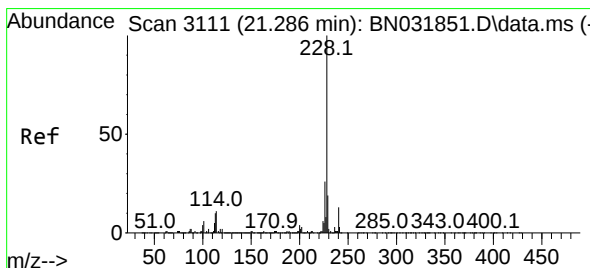
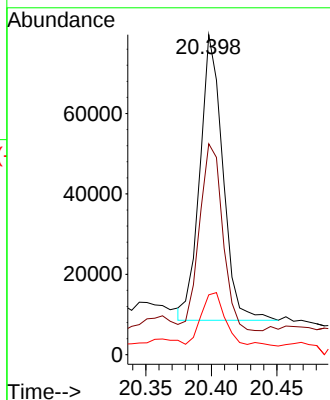
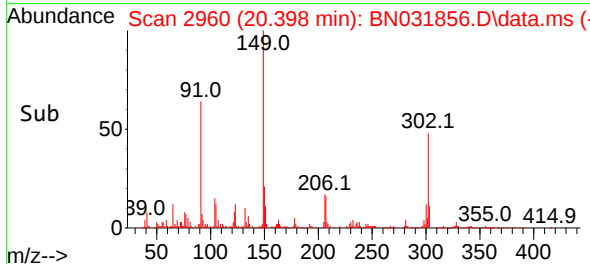
Instrument :
BNA_N
ClientSampleId :
BHBX9



Tgt Ion:149 Resp: 86558
Ion Ratio Lower Upper
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91 65.9 61.0 91.4
206 18.7 16.5 24.7

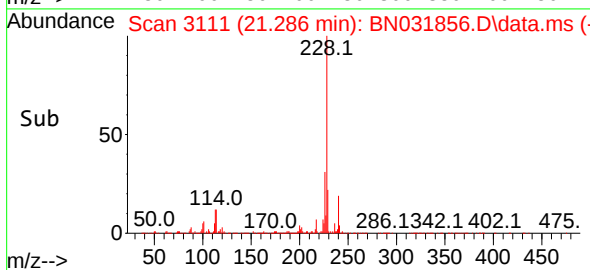
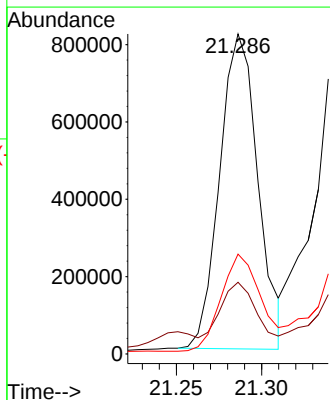
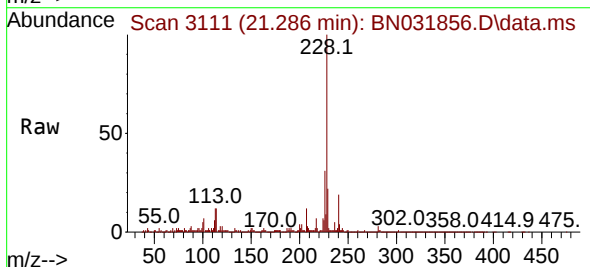
Manual Integrations
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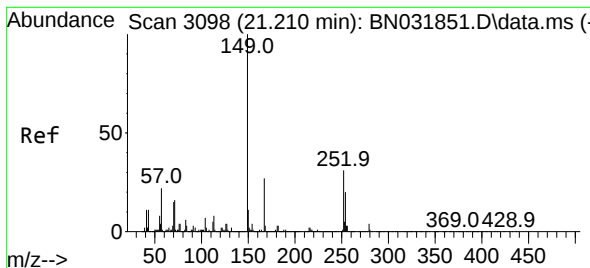
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#85
Benzo(a)anthracene
Concen: 14.976 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

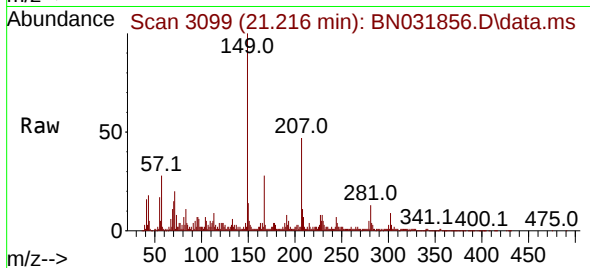
Tgt Ion:228 Resp: 1272184
Ion Ratio Lower Upper
228 100
229 22.4 16.7 25.1
226 31.2 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.474 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

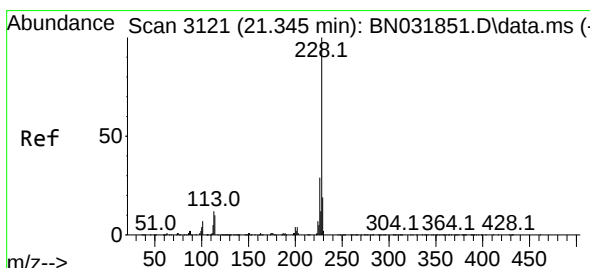
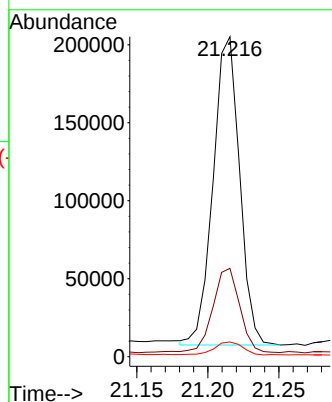
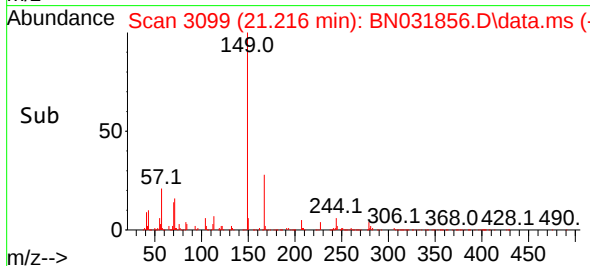
Instrument :
BNA_N
ClientSampleId :
BHBX9



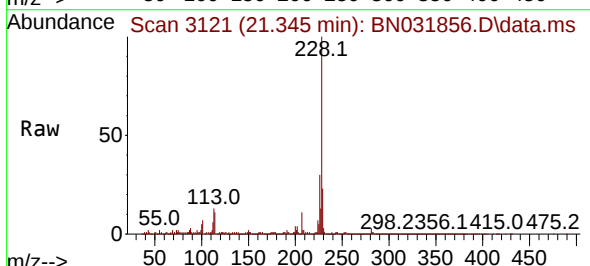
Tgt Ion:149 Resp: 256510
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 4.6 3.3 4.9

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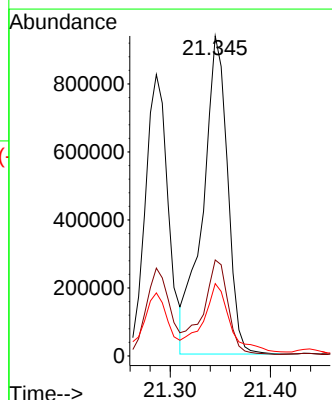
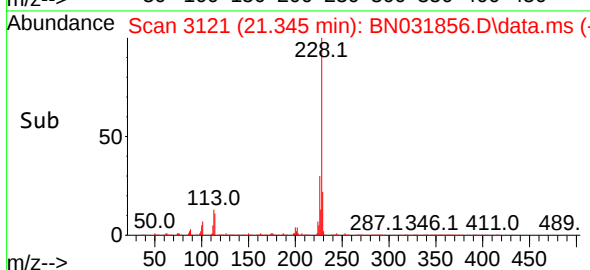
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

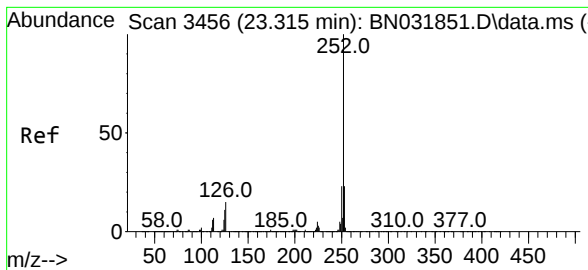


#87
Chrysene
Concen: 20.278 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14



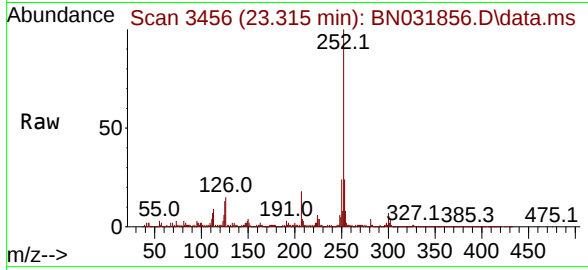
Tgt Ion:228 Resp: 1609034
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 22.6 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 23.678 ng/ul
RT: 23.315 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14

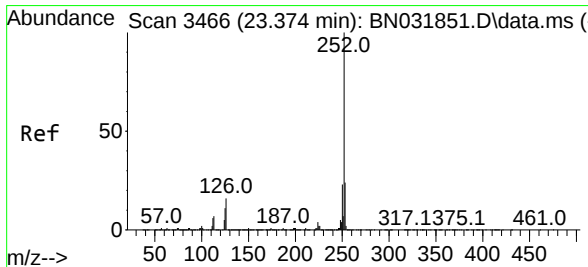
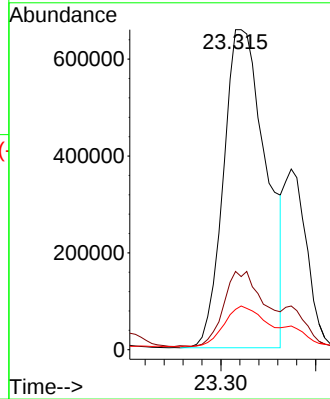
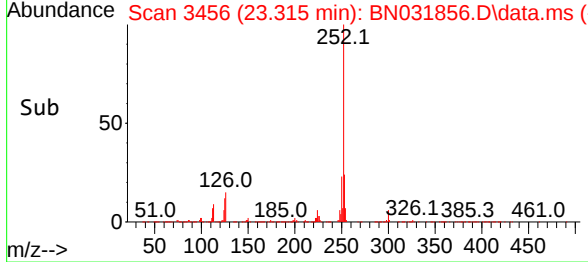
Instrument :
BNA_N
ClientSampleId :
BHBX9



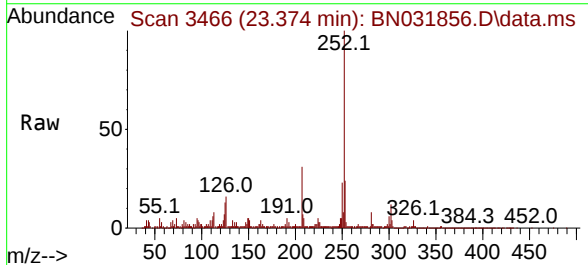
Tgt Ion:252 Resp: 2053648
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.6
125 12.6 9.2 13.8

Manual Integrations
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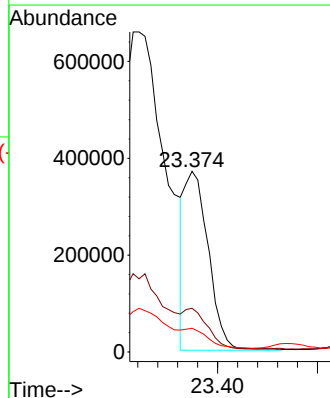
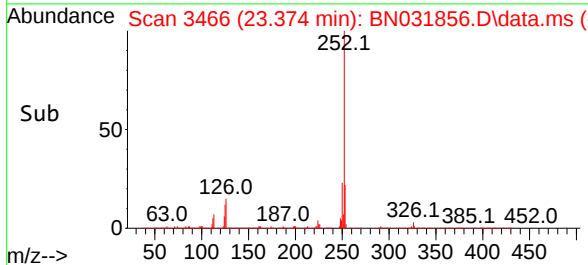
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

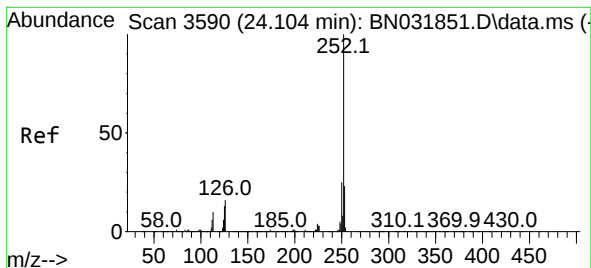


#91
Benzo(k)fluoranthene
Concen: 7.163 ng/ul m
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031856.D
Acq: 08 Jun 2024 13:14



Tgt Ion:252 Resp: 609648
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 13.2 9.4 14.2





#93

Benzo(a)pyrene

Concen: 11.189 ng/ul

RT: 24.110 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

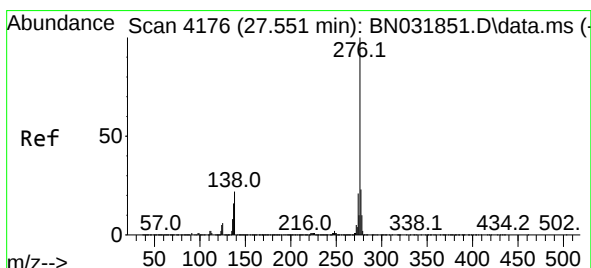
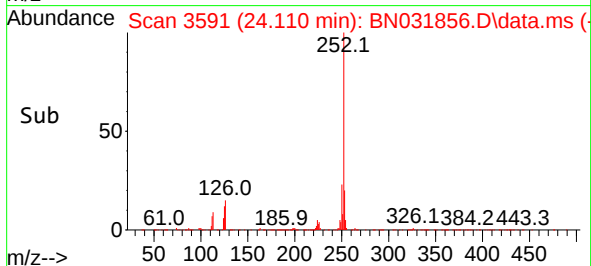
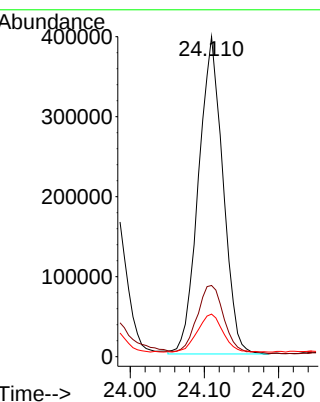
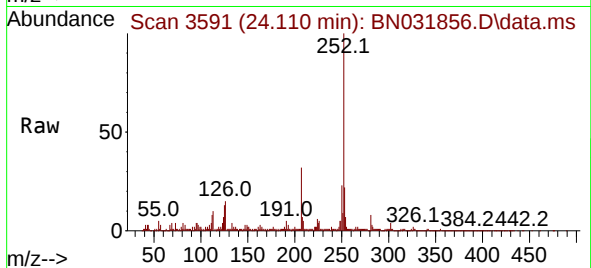
ClientSampleId :

BHBX9

Tgt Ion:252 Resp: 908882
 Ion Ratio Lower Upper
 252 100
 253 22.3 16.6 24.8
 125 13.3 9.8 14.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.047 ng/ul m

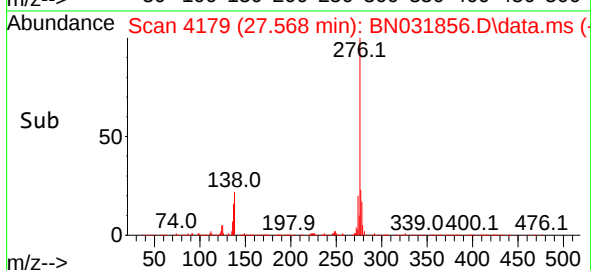
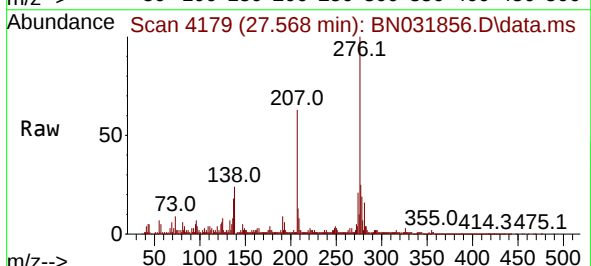
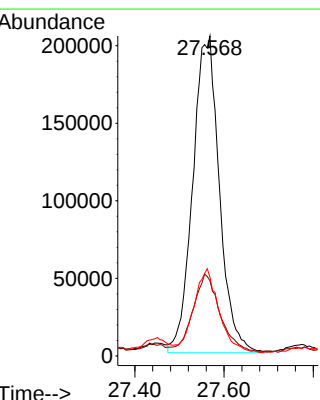
RT: 27.568 min Scan# 4179

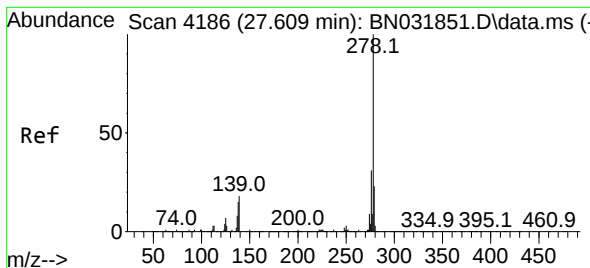
Delta R.T. 0.035 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Tgt Ion:276 Resp: 846899
 Ion Ratio Lower Upper
 276 100
 138 23.5 18.1 27.1
 277 24.6 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.533 ng/ul

RT: 27.598 min Scan# 4186

Delta R.T. -0.006 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Instrument :

BNA_N

ClientSampleId :

BHBX9

Tgt Ion:278 Resp: 26996

Ion Ratio Lower Upper

278 100

139 21.0 15.0 22.6

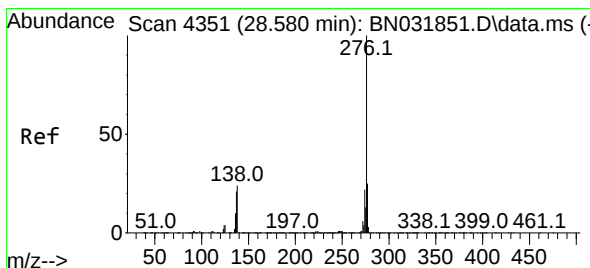
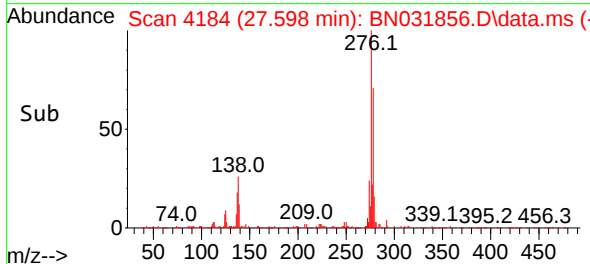
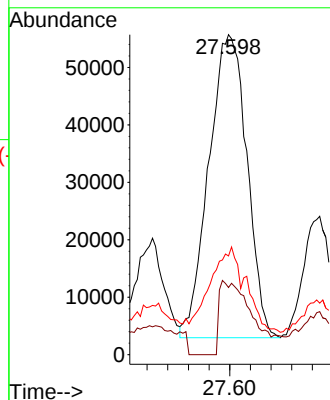
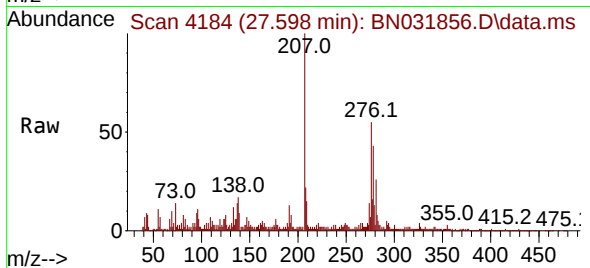
279 30.8 17.4 26.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/10/2024



#96

Benzo(g,h,i)perylene

Concen: 1.683 ng/ul m

RT: 28.598 min Scan# 4354

Delta R.T. 0.029 min

Lab File: BN031856.D

Acq: 08 Jun 2024 13:14

Tgt Ion:276 Resp: 125219

Ion Ratio Lower Upper

276 100

138 30.9 20.9 31.3

277 32.1 18.0 27.0

