

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031834.D
 Acq On : 07 Jun 2024 01:09
 Operator : MA/JU
 Sample : P2634-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 01:38:57 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	482287	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1959563	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1103546	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1899032	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1411601	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1789902	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	58350	5.005	ng/uL	0.00
4) Pyridine-d5	3.593	84	203481	6.201	ng/u1	0.00
7) Phenol-d5	6.846	99	1189297	28.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	670702	27.733	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	955755	30.296	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	848153	25.166	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	471244	31.452	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	505996	32.693	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	846685	29.303	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.598	131	421707	9.830	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	2324211	30.232	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	2778539	31.431	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	299415	19.451	ng/u1	0.00
60) Fluorene-d10	15.310	176	1959953	30.130	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	202353	21.199	ng/u1	0.00
73) Anthracene-d10	17.163	188	2528513	31.100	ng/u1	0.00
81) Pyrene-d10	19.463	212	2302057	30.475	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1944764	22.754	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.039	152	294431	2.947	ng/u1	99
72) Phenanthrene	17.104	178	1686493	17.433	ng/u1	97
74) Anthracene	17.198	178	336370	3.432	ng/u1	99
77) Carbazole	17.469	167	131911	1.578	ng/u1	98
80) Fluoranthene	19.127	202	3276779	36.298	ng/u1	99
82) Pyrene	19.492	202	2811877	30.359	ng/u1	99
83) Butylbenzylphthalate	20.398	149	170354	3.894	ng/u1	97
85) Benzo(a)anthracene	21.280	228	1668584	17.660	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	510436	8.004	ng/u1	100
87) Chrysene	21.345	228	1837417	20.819	ng/u1	96
90) Benzo(b)fluoranthene	23.315	252	2666449	24.923	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	618529m	5.892	ng/u1	
93) Benzo(a)pyrene	24.104	252	1084290	10.821	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	27.550	276	1017271	8.810	ng/u1	96
95) Dibenzo(a,h)anthracene	27.592	278	335321	3.557	ng/u1	93
96) Benzo(g,h,i)perylene	28.580	276	155800m	1.697	ng/u1	

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

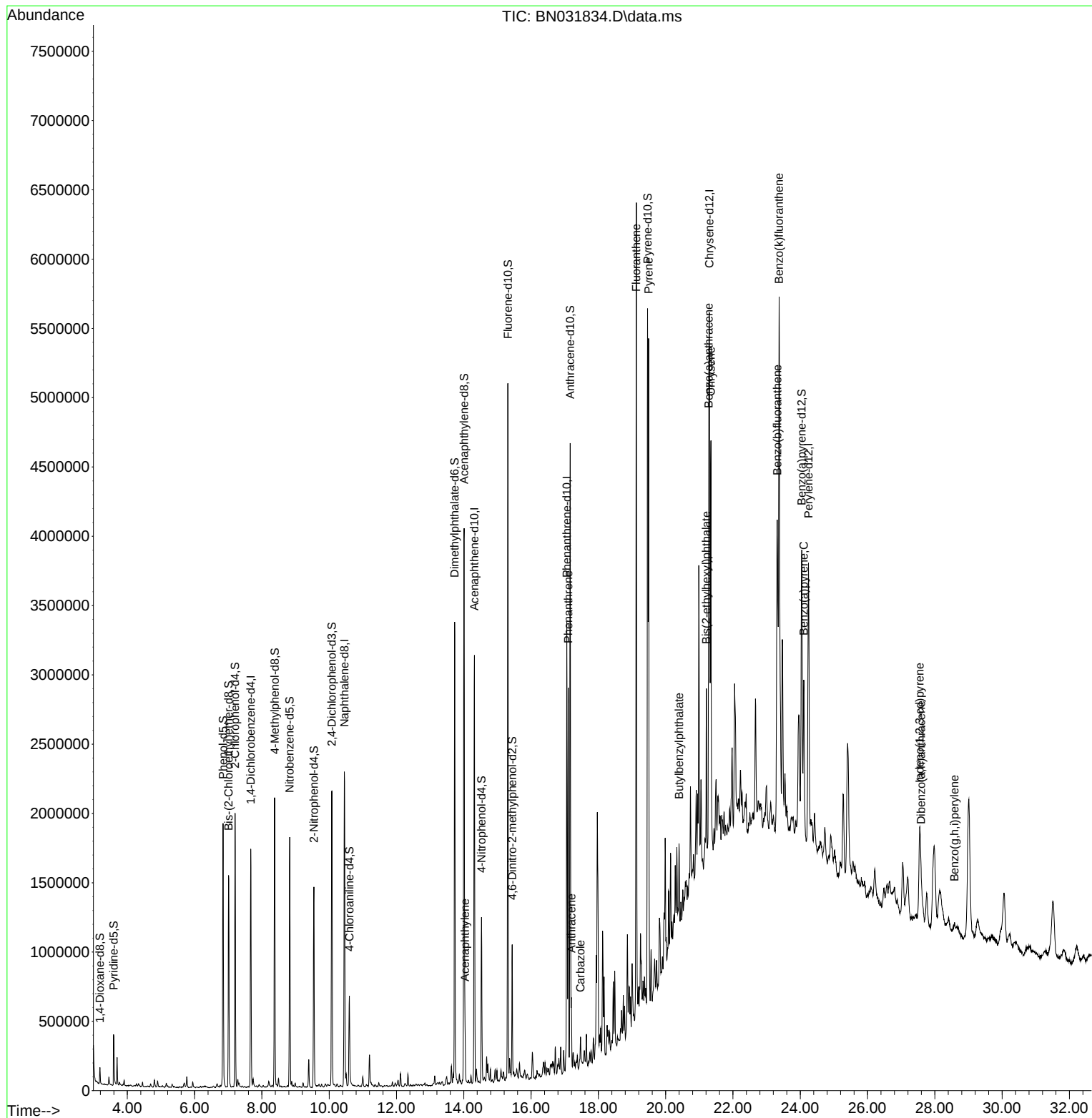
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031834.D
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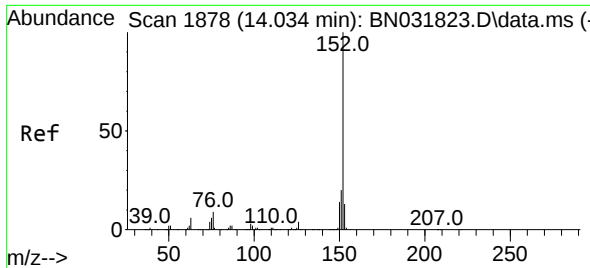
Instrument :
 BNA_N
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Quant Time: Jun 07 01:38:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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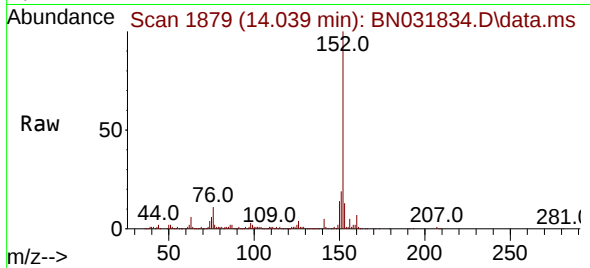
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024





#50
Acenaphthylene
Concen: 2.947 ng/ul
RT: 14.039 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BN031834.D
Acq: 07 Jun 2024 01:09

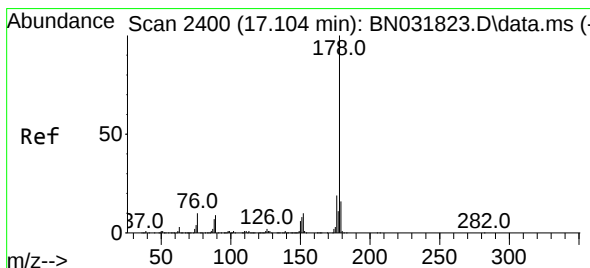
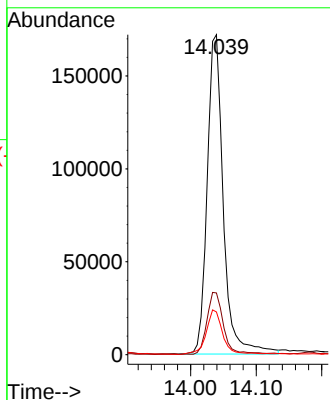
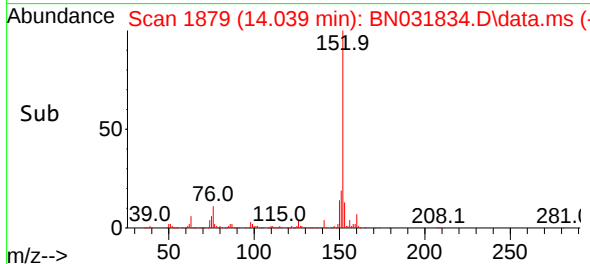
Instrument : BNA_N
ClientSampleId : BHBX2



Tgt Ion:152 Resp: 29443
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.4 10.4 15.6

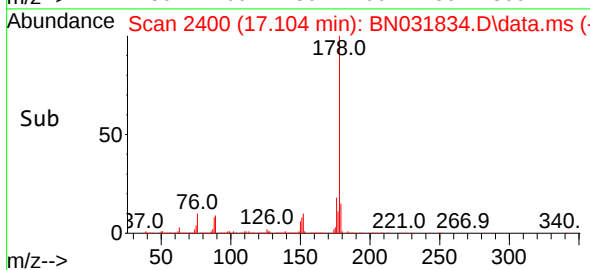
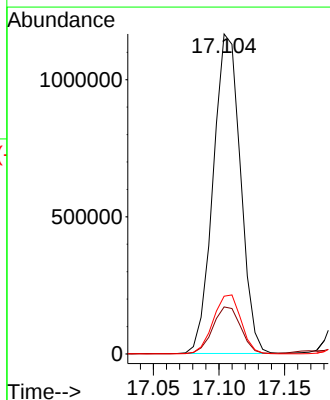
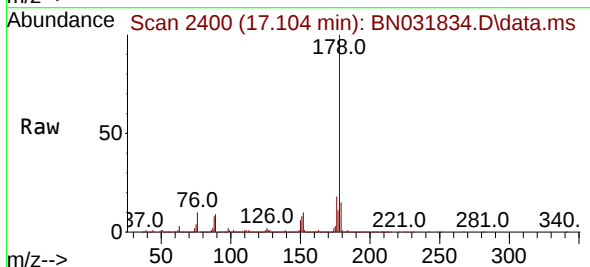
Manual Integrations
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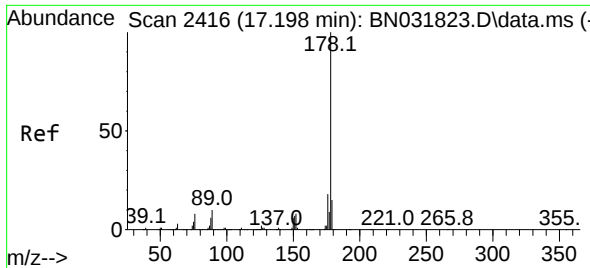
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#72
Phenanthrene
Concen: 17.433 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031834.D
Acq: 07 Jun 2024 01:09

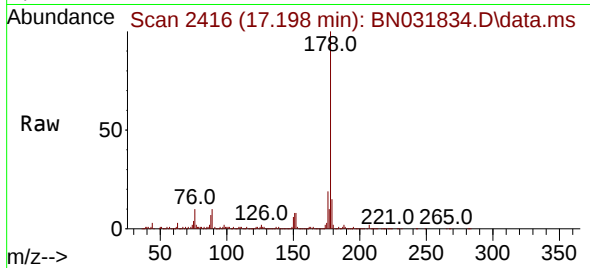
Tgt Ion:178 Resp: 1686493
Ion Ratio Lower Upper
178 100
179 14.7 12.6 19.0
176 18.1 15.8 23.6





#74
 Anthracene
 Concen: 3.432 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031834.D
 Acq: 07 Jun 2024 01:09

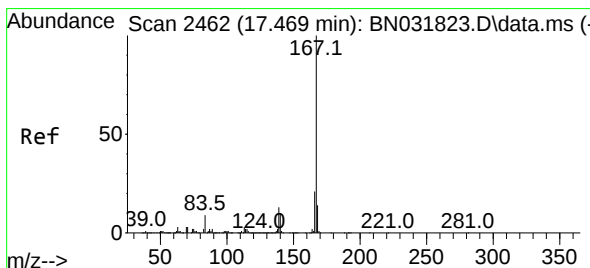
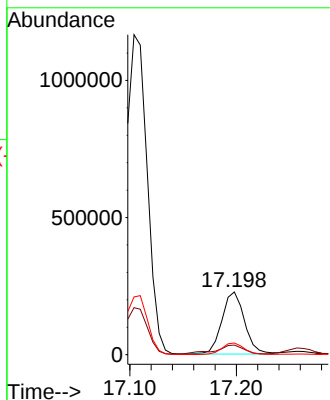
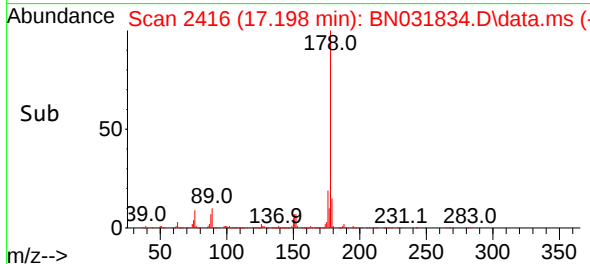
Instrument :
 BNA_N
 ClientSampleId :
 BHBX2



Tgt Ion:178 Resp: 336370
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.6
 176 18.7 14.8 22.2

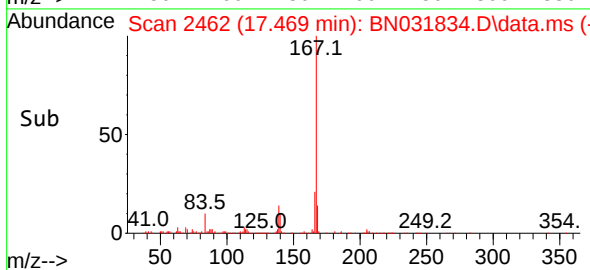
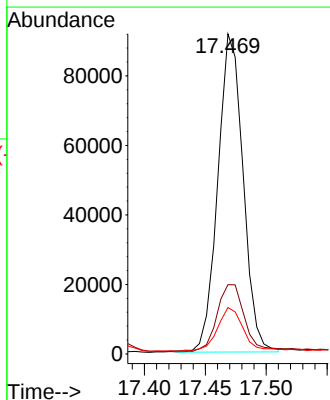
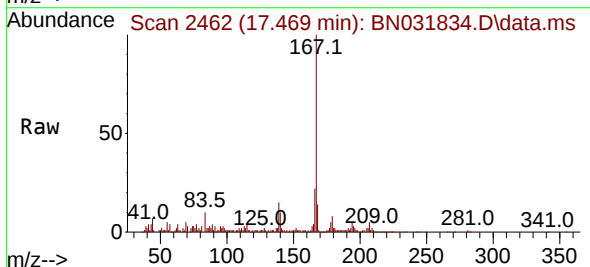
Manual Integrations
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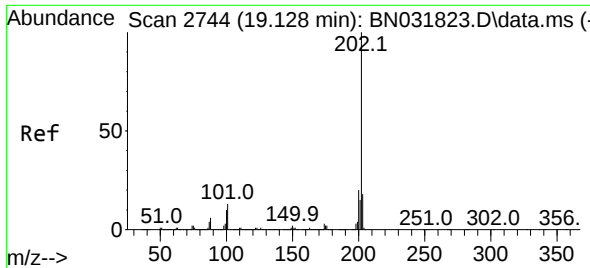
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#77
 Carbazole
 Concen: 1.578 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031834.D
 Acq: 07 Jun 2024 01:09

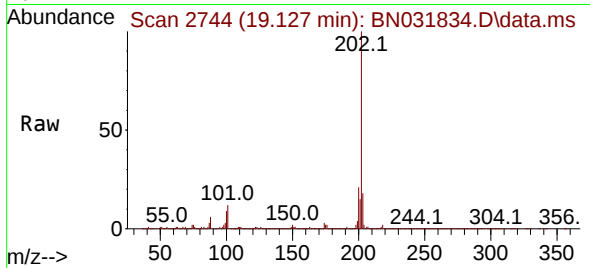
Tgt Ion:167 Resp: 131911
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.9 26.9
 139 14.5 10.5 15.7





#80
Fluoranthene
Concen: 36.298 ng/u1
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031834.D
Acq: 07 Jun 2024 01:09

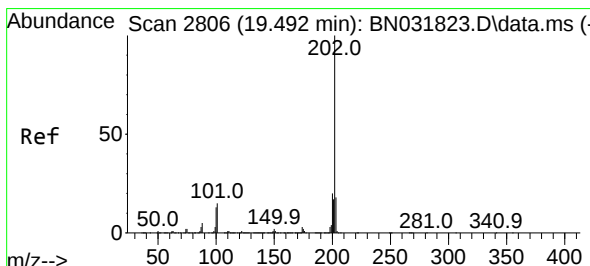
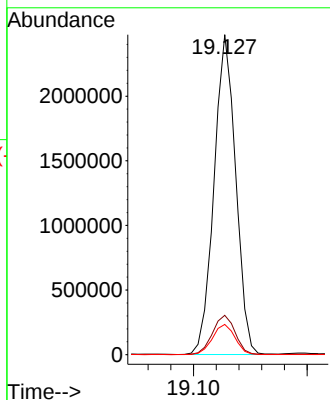
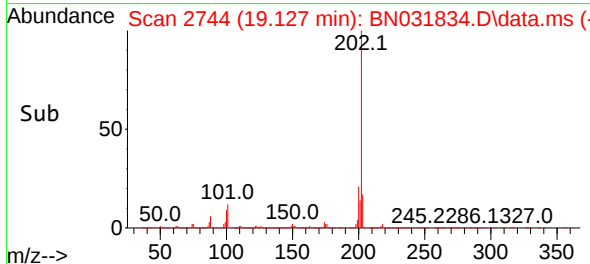
Instrument :
BNA_N
ClientSampleId :
BHBX2



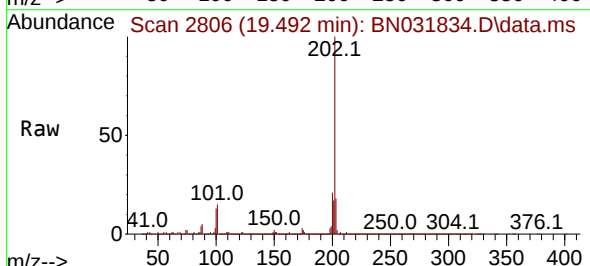
Tgt Ion:202 Resp: 3276779
Ion Ratio Lower Upper
202 100
101 12.3 10.3 15.5
100 9.4 8.0 12.0

Manual Integrations
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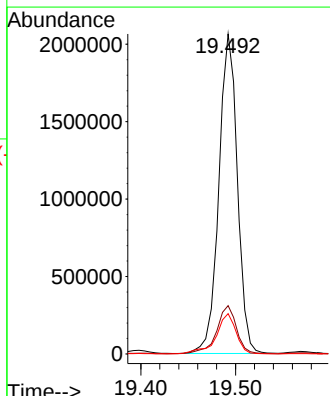
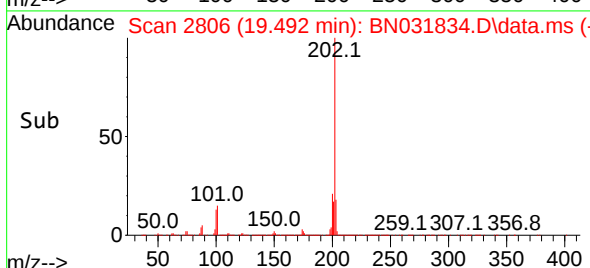
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

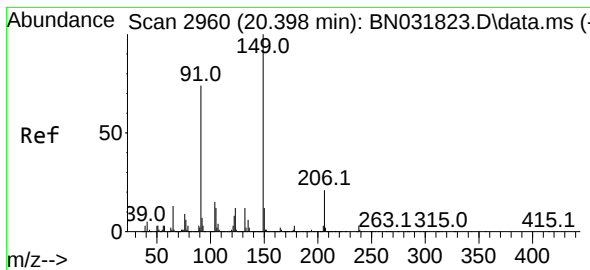


#82
Pyrene
Concen: 30.359 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031834.D
Acq: 07 Jun 2024 01:09



Tgt Ion:202 Resp: 2811877
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.6 10.2 15.2





#83

Butylbenzylphthalate

Concen: 3.894 ng/ul

RT: 20.398 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BN031834.D

Acq: 07 Jun 2024 01:09

Instrument :

BNA_N

ClientSampleId :

BHBX2

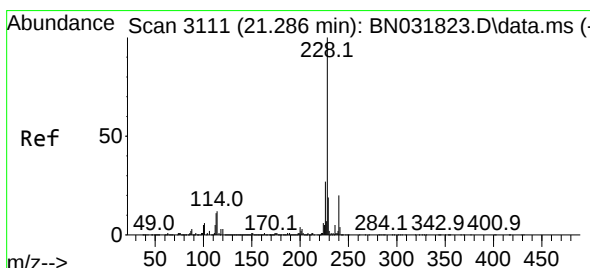
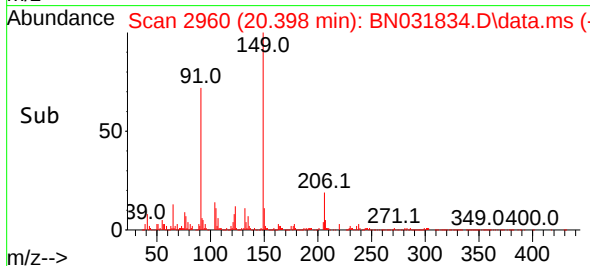
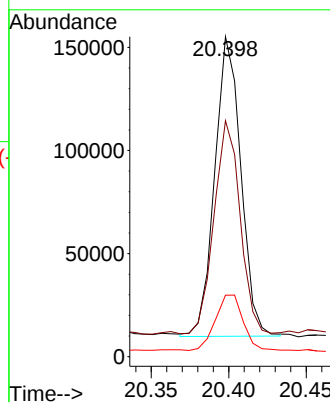
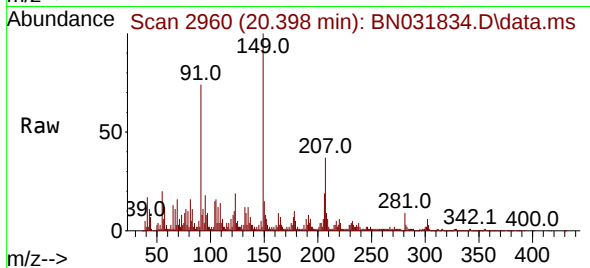
Tgt Ion:149 Resp: 170354

Ion	Ratio	Lower	Upper
149	100		
91	73.7	61.0	91.4
206	19.2	16.5	24.7

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#85

Benzo(a)anthracene

Concen: 17.660 ng/ul

RT: 21.280 min Scan# 3110

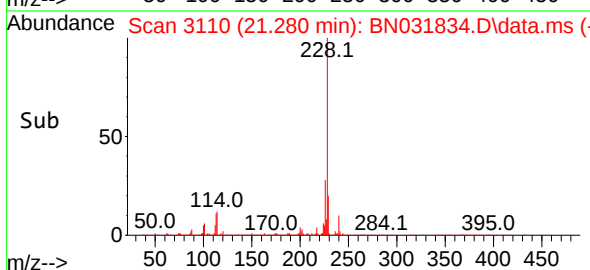
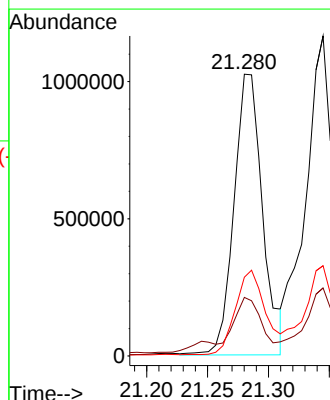
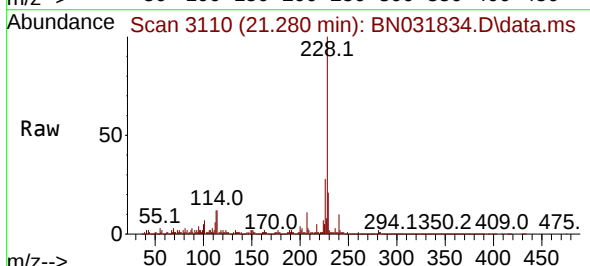
Delta R.T. -0.006 min

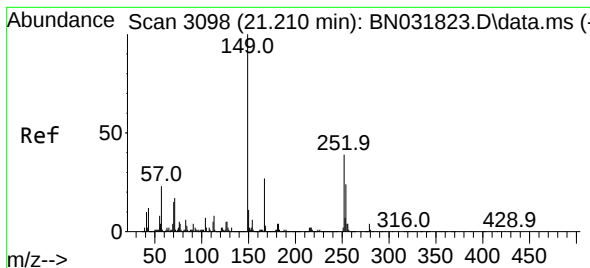
Lab File: BN031834.D

Acq: 07 Jun 2024 01:09

Tgt Ion:228 Resp: 1668584

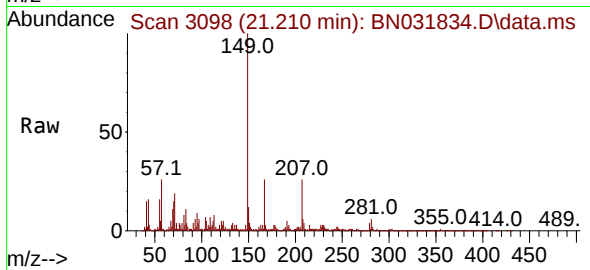
Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.7	25.1
226	27.9	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 8.004 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031834.D
Acq: 07 Jun 2024 01:09

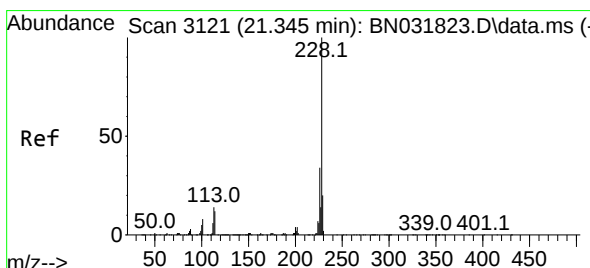
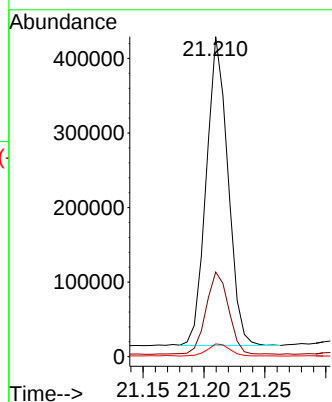
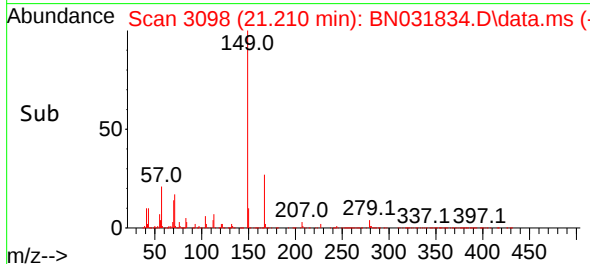
Instrument :
BNA_N
ClientSampleId :
BHBX2



Tgt Ion:149 Resp: 510430
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 4.0 3.3 4.9

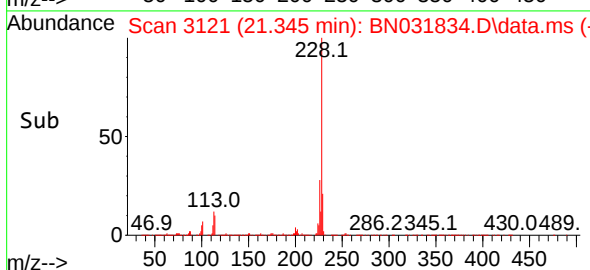
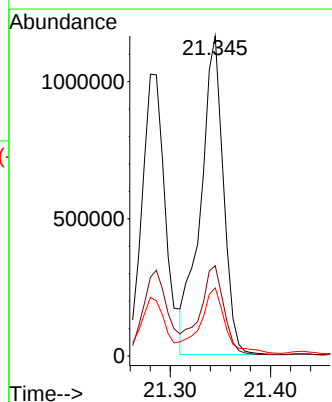
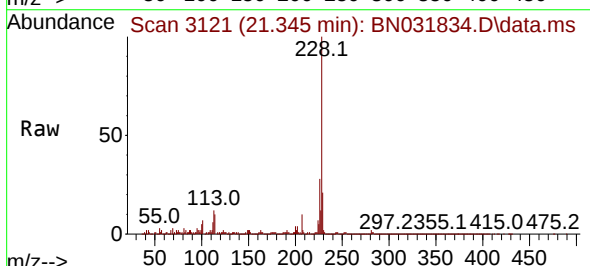
Manual Integrations
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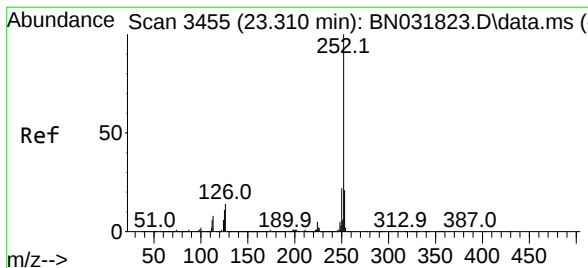
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#87
Chrysene
Concen: 20.819 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031834.D
Acq: 07 Jun 2024 01:09

Tgt Ion:228 Resp: 1837417
Ion Ratio Lower Upper
228 100
226 28.2 23.7 35.5
229 21.3 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 24.923 ng/ul

RT: 23.315 min Scan# 3455

Delta R.T. 0.006 min

Lab File: BN031834.D

Acq: 07 Jun 2024 01:09

Instrument :

BNA_N

ClientSampleId :

BHBX2

Tgt Ion:252 Resp: 2666449

Ion Ratio Lower Upper

252 100

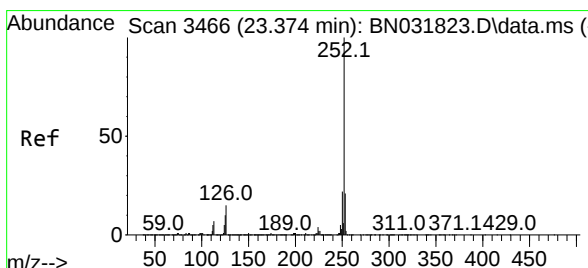
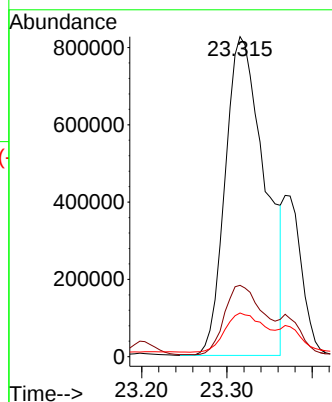
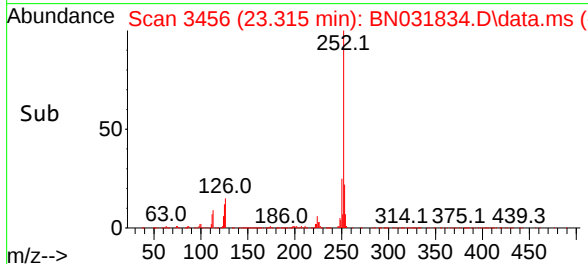
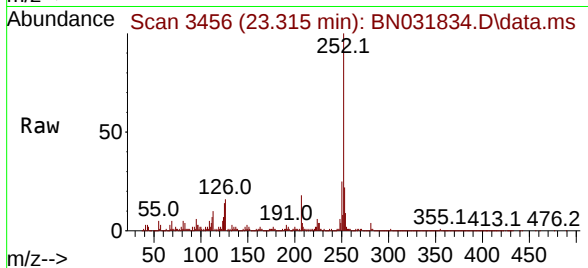
253 22.3 17.0 25.6

125 13.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#91

Benzo(k)fluoranthene

Concen: 5.892 ng/ul m

RT: 23.368 min Scan# 3465

Delta R.T. -0.006 min

Lab File: BN031834.D

Acq: 07 Jun 2024 01:09

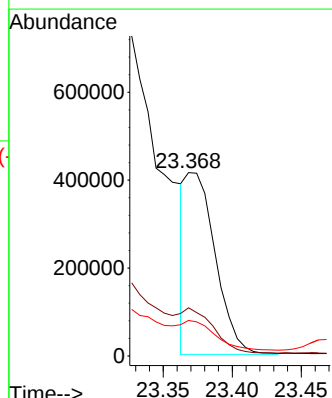
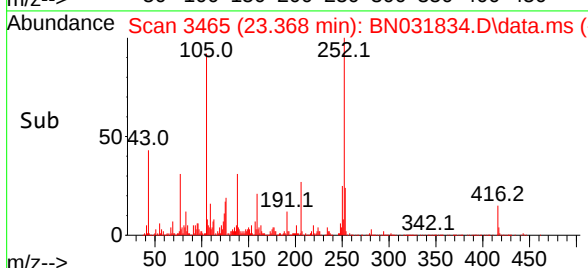
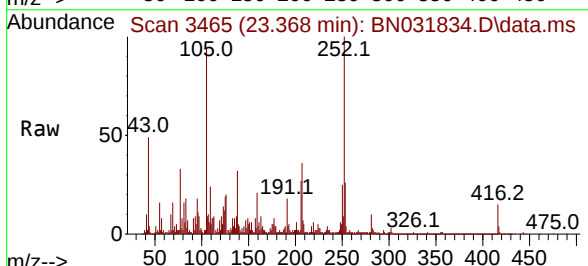
Tgt Ion:252 Resp: 618529

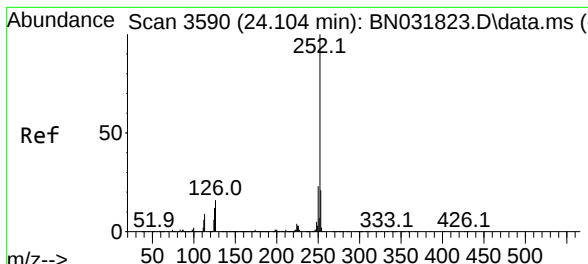
Ion Ratio Lower Upper

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253 26.3 17.6 26.4

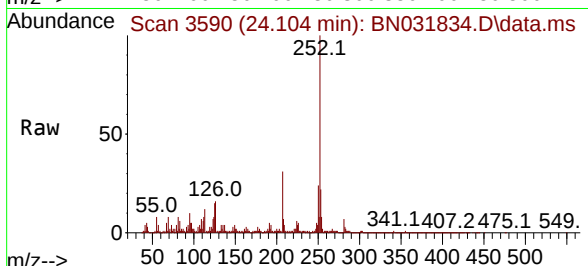
125 19.4 9.4 14.2#





#93
Benzo(a)pyrene
Concen: 10.821 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN031834.D
Acq: 07 Jun 2024 01:09

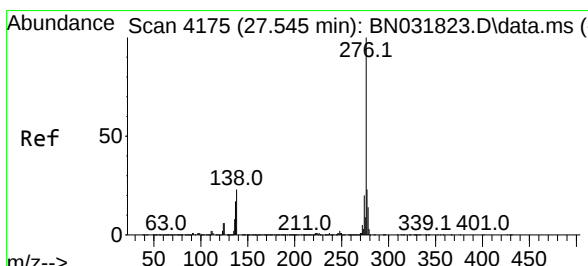
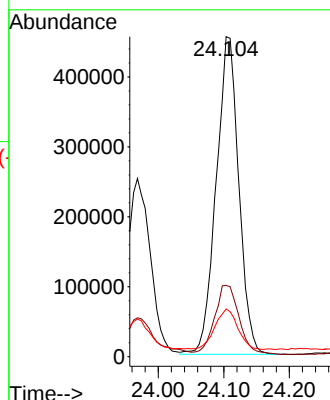
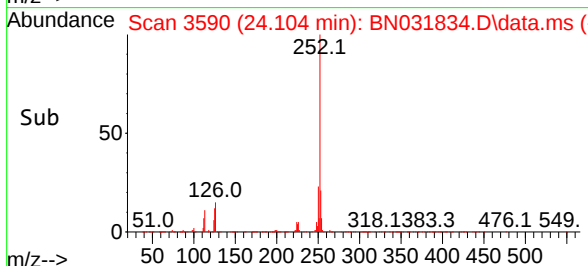
Instrument :
BNA_N
ClientSampleId :
BHBX2



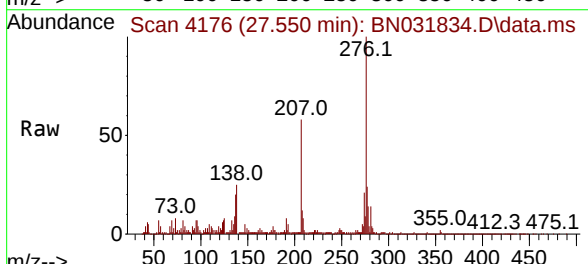
Tgt Ion:252 Resp: 1084290
Ion Ratio Lower Upper
252 100
253 22.3 16.6 24.8
125 14.9 9.8 14.8

Manual Integrations
APPROVED

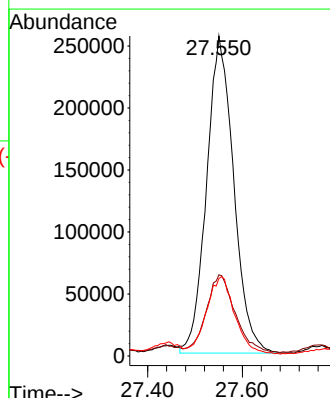
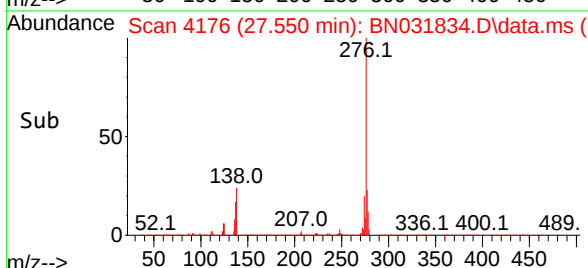
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

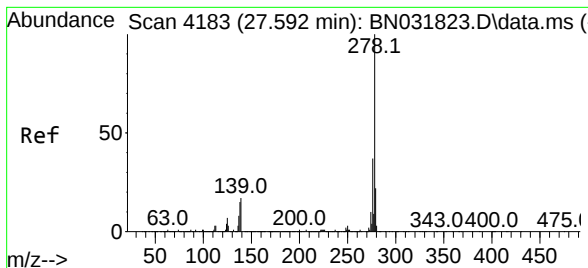


#94
Indeno(1,2,3-cd)pyrene
Concen: 8.810 ng/ul
RT: 27.550 min Scan# 4176
Delta R.T. 0.017 min
Lab File: BN031834.D
Acq: 07 Jun 2024 01:09



Tgt Ion:276 Resp: 1017271
Ion Ratio Lower Upper
276 100
138 25.3 18.1 27.1
277 24.2 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.557 ng/ul

RT: 27.592 min Scan# 4183

Delta R.T. -0.012 min

Lab File: BN031834.D

Acq: 07 Jun 2024 01:09

Instrument :

BNA_N

ClientSampleId :

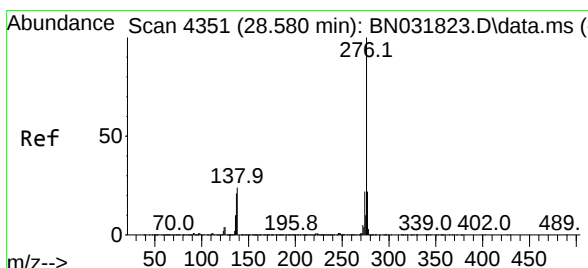
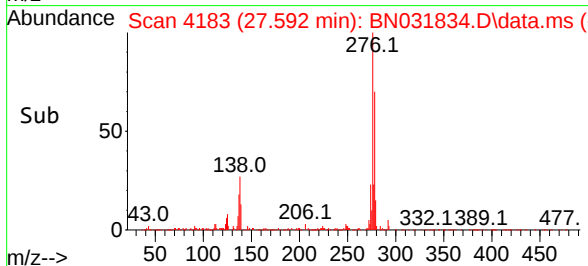
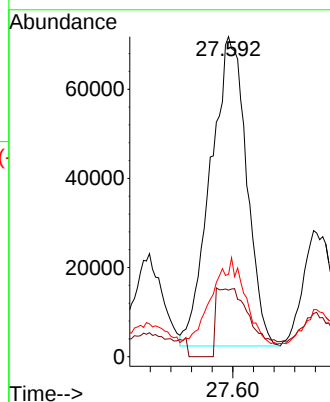
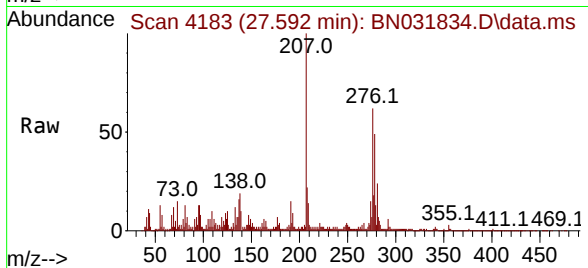
BHBX2

Tgt Ion:	278	Resp:	33532
Ion Ratio	Lower	Upper	
278	100		
139	20.8	15.0	22.6
279	25.8	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#96

Benzo(g,h,i)perylene

Concen: 1.697 ng/ul m

RT: 28.580 min Scan# 4351

Delta R.T. 0.012 min

Lab File: BN031834.D

Acq: 07 Jun 2024 01:09

Tgt Ion:	276	Resp:	155800
Ion Ratio	Lower	Upper	
276	100		
138	31.0	20.9	31.3
277	26.3	18.0	27.0

