

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031861.D
 Acq On : 08 Jun 2024 16:31
 Operator : MA/JU
 Sample : P2634-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW7

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 05:40:14 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	453665	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1939970	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1202268	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2305089	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1416996	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1617732	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	41547	3.789	ng/uL	-0.01
4) Pyridine-d5	3.587	84	362055	11.729	ng/u1	-0.01
7) Phenol-d5	6.846	99	944681	24.290	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	512474	22.527	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	760671	25.633	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	705931	22.267	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	394777	26.615	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	425299	27.757	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	732943	25.623	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	603963	14.220	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	2103707	25.117	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2537267	26.345	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	389207	23.208	ng/u1	0.00
60) Fluorene-d10	15.310	176	1849948	26.104	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	171829	14.830	ng/u1	0.00
73) Anthracene-d10	17.163	188	2604331	26.390	ng/u1	0.00
81) Pyrene-d10	19.463	212	2366754	31.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1607699	20.812	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.034	152	182660	1.678	ng/u1	97
72) Phenanthrene	17.104	178	1223026	10.415	ng/u1	99
74) Anthracene	17.198	178	234449	1.970	ng/u1	98
77) Carbazole	17.475	167	102534	1.011	ng/u1	100
78) Di-n-butylphthalate	18.034	149	220982	1.583	ng/u1	99
80) Fluoranthene	19.128	202	2424420	26.754	ng/u1	98
82) Pyrene	19.492	202	1999477	21.505	ng/u1	97
83) Butylbenzylphthalate	20.398	149	179178	4.080	ng/u1	95
85) Benzo(a)anthracene	21.286	228	1001330	10.557	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.210	149	761078	11.889	ng/u1	100
87) Chrysene	21.345	228	1107499	12.501	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	1445776	14.952	ng/u1	97
91) Benzo(k)fluoranthene	23.369	252	437279m	4.609	ng/u1	
93) Benzo(a)pyrene	24.104	252	644110	7.112	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	562913	5.394	ng/u1	98
95) Dibenzo(a,h)anthracene	27.586	278	182285	2.139	ng/u1#	88
96) Benzo(g,h,i)perylene	28.574	276	87012m	1.049	ng/u1	

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

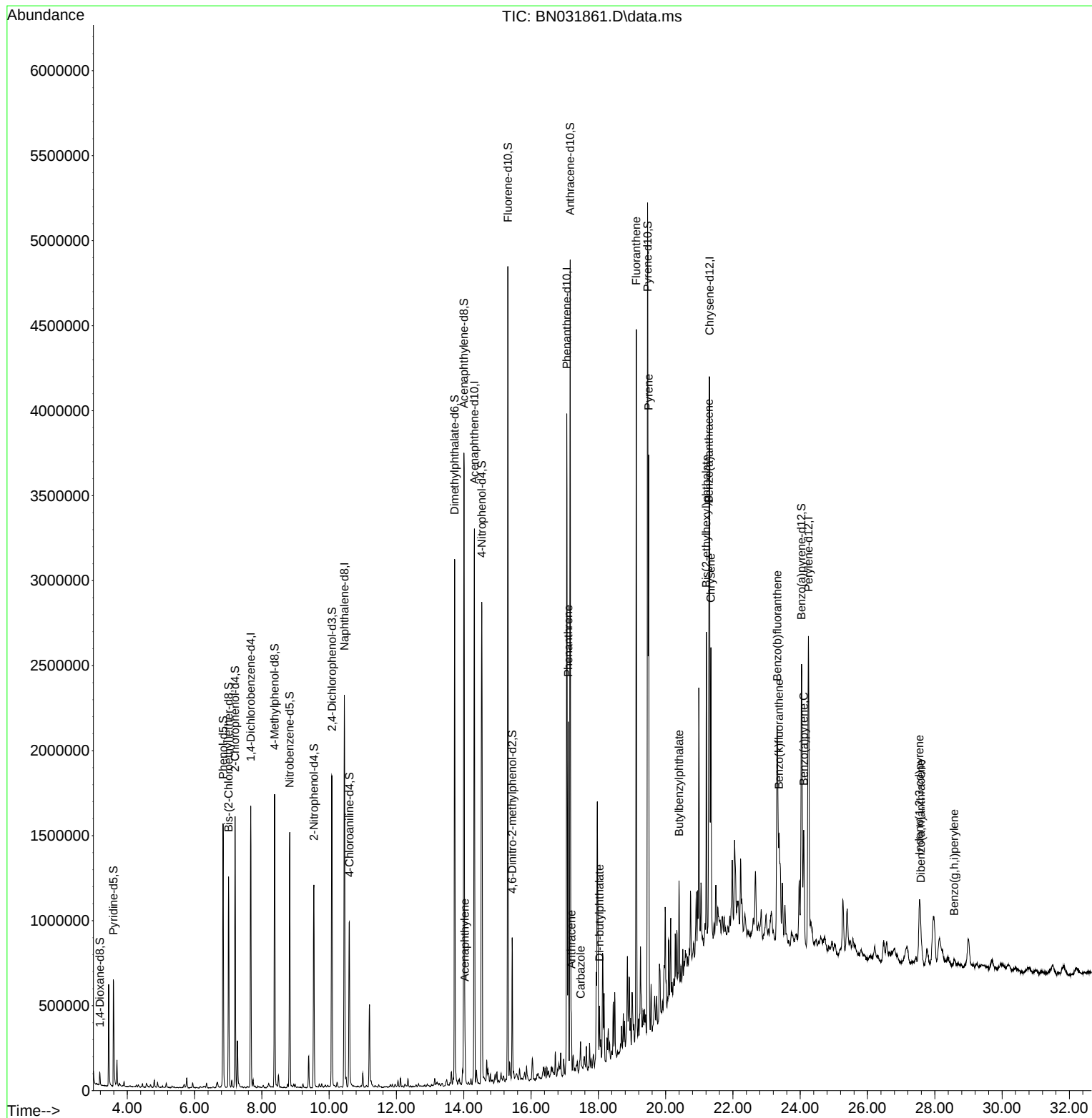
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
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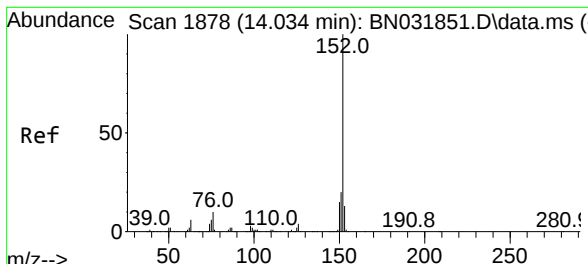
Instrument :
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 Quant Title : SVOA CALIBRATION
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#50
Acenaphthylene
Concen: 1.678 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. -0.012 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

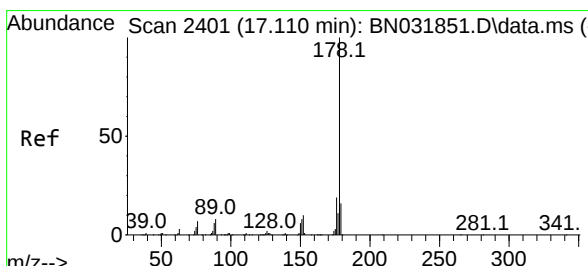
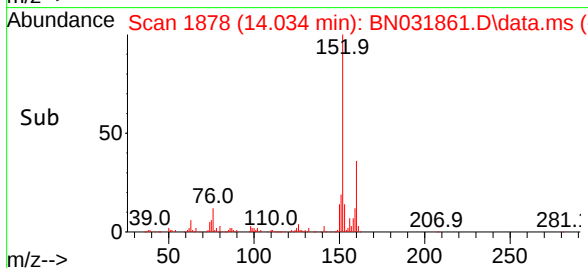
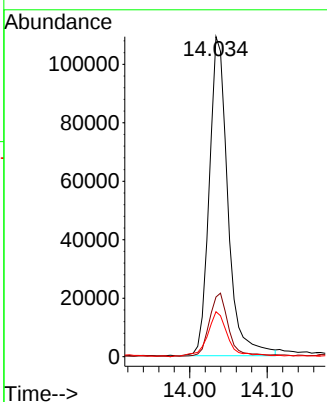
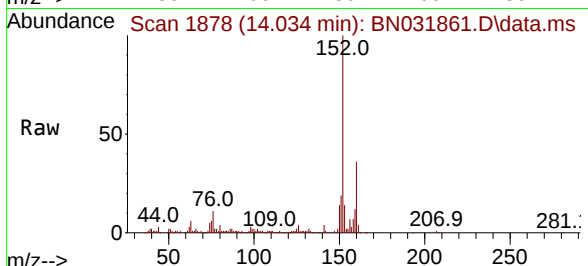
Instrument : BNA_N
ClientSampleId : BHBW7

Tgt Ion:152 Resp: 182660

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.9	23.9
153	14.0	10.4	15.6

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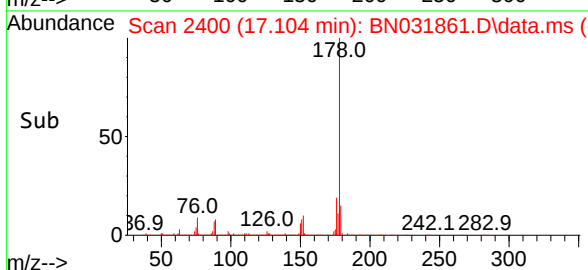
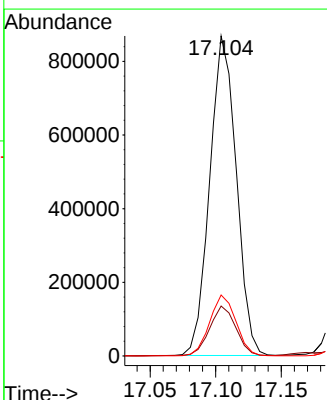
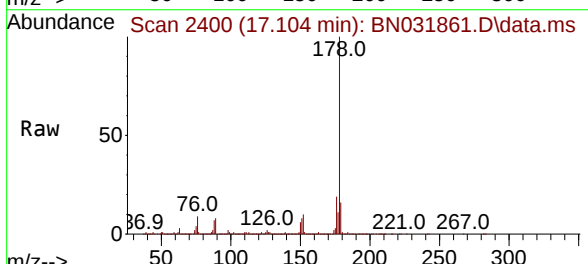
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

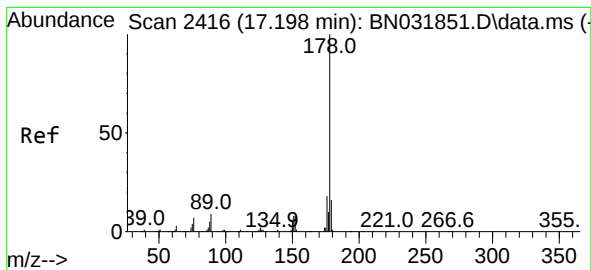


#72
Phenanthrene
Concen: 10.415 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

Tgt Ion:178 Resp: 1223026

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.0	15.8	23.6





#74

Anthracene

Concen: 1.970 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

Instrument :

BNA_N

ClientSampleId :

BHBW7

Tgt Ion:178 Resp: 234449

Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.6

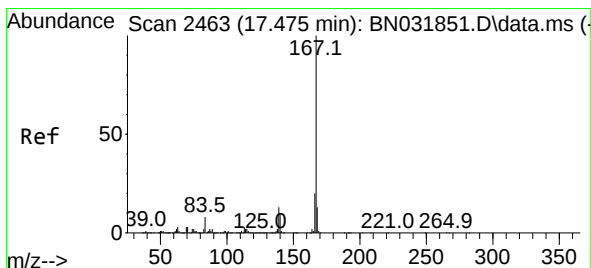
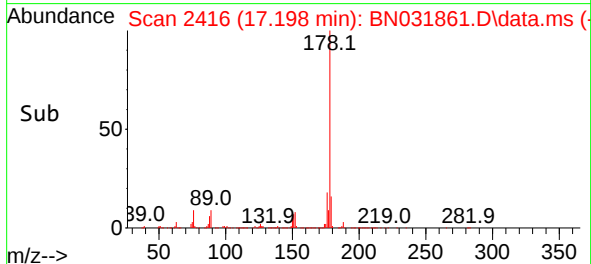
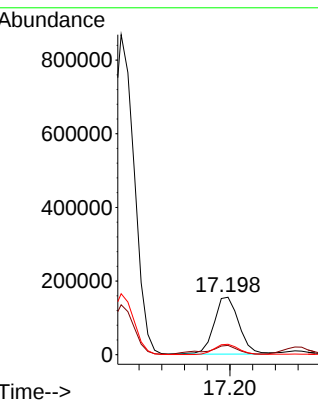
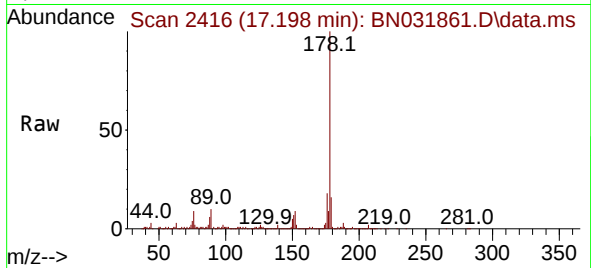
176 18.1 14.8 22.2

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#77

Carbazole

Concen: 1.011 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN031861.D

Acq: 08 Jun 2024 16:31

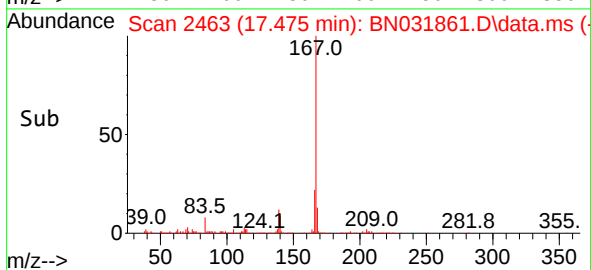
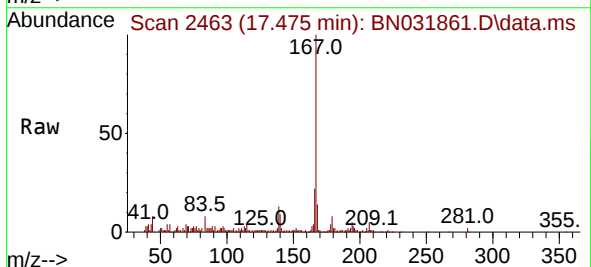
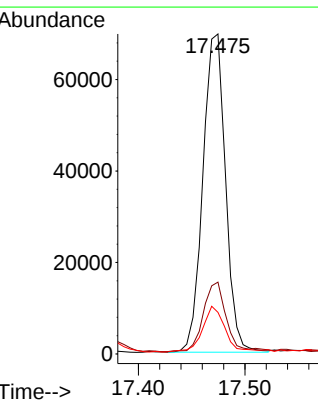
Tgt Ion:167 Resp: 102534

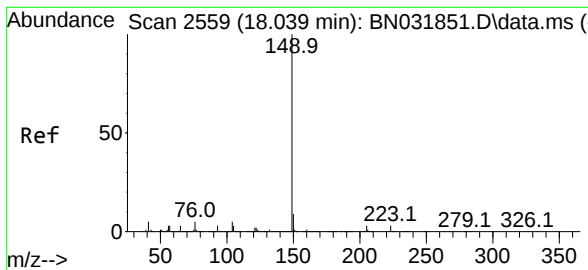
Ion Ratio Lower Upper

167 100

166 22.5 17.9 26.9

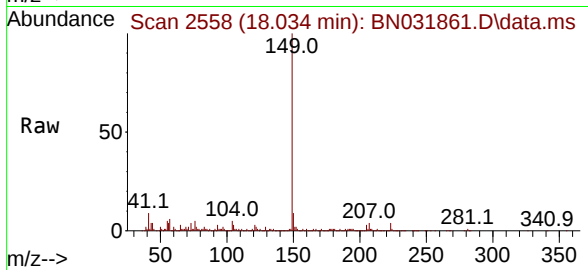
139 13.0 10.5 15.7





#78
Di-n-butylphthalate
Concen: 1.583 ng/ul
RT: 18.034 min Scan# 2559
Delta R.T. -0.012 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

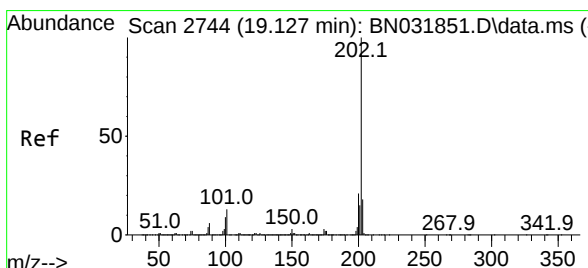
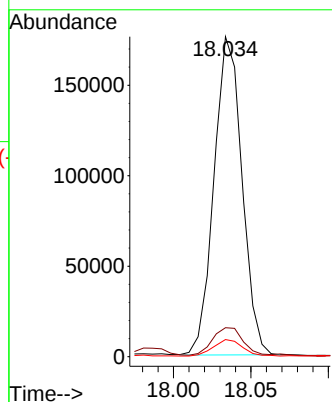
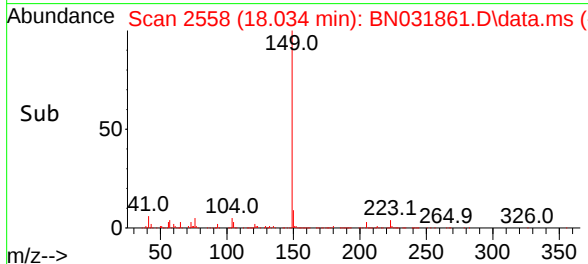
Instrument :
BNA_N
ClientSampleId :
BHBW7



Tgt Ion:149 Resp: 220982
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.4 4.1 6.1

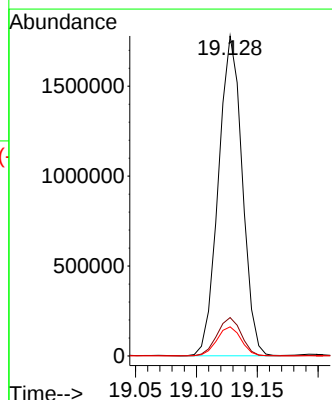
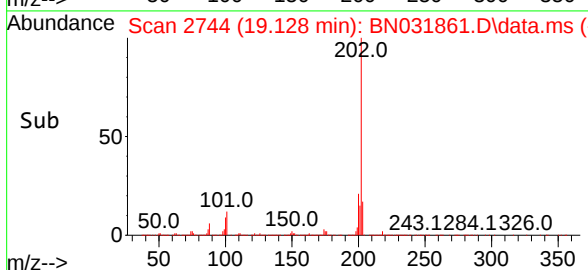
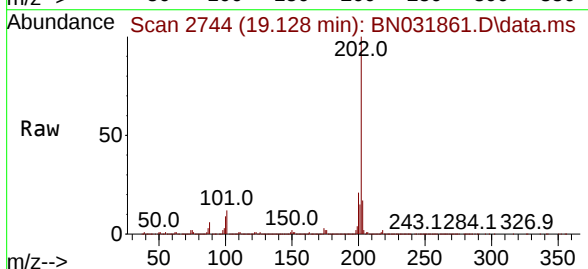
Manual Integrations
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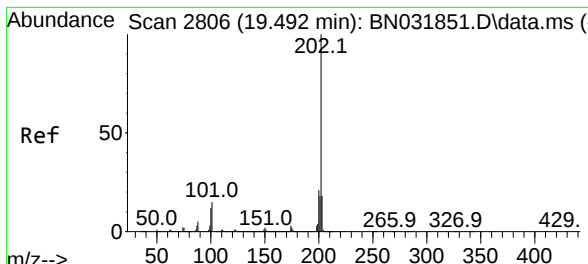
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#80
Fluoranthene
Concen: 26.754 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

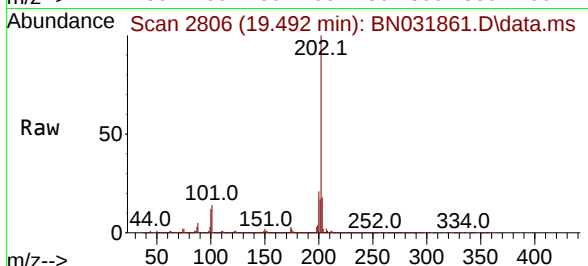
Tgt Ion:202 Resp: 2424420
Ion Ratio Lower Upper
202 100
101 12.0 10.3 15.5
100 9.1 8.0 12.0





#82
 Pyrene
 Concen: 21.505 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. 0.000 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

Instrument :
 BNA_N
 ClientSampleId :
 BHBW7

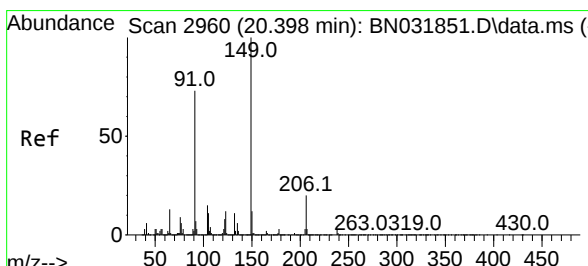
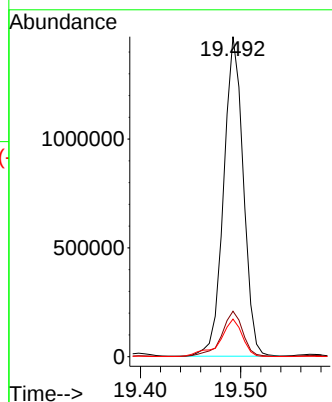
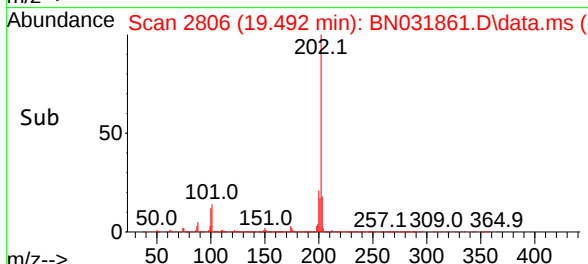


Tgt Ion: 202 Resp: 199947

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	18.8
100	11.8	10.2	15.2

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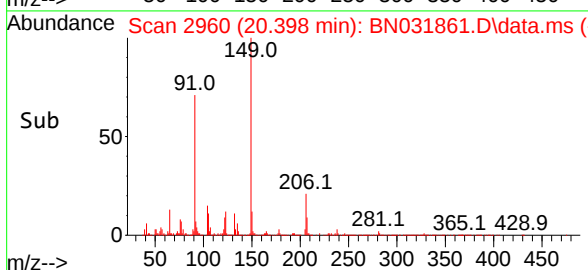
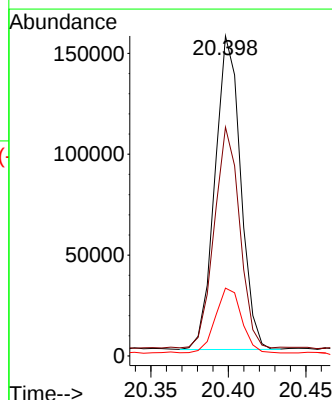
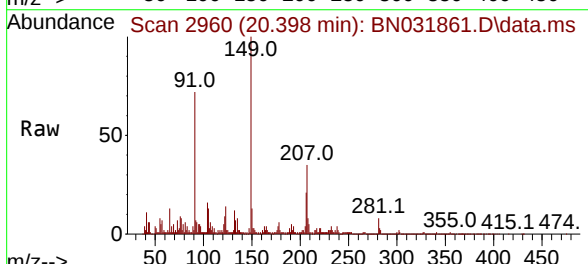
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

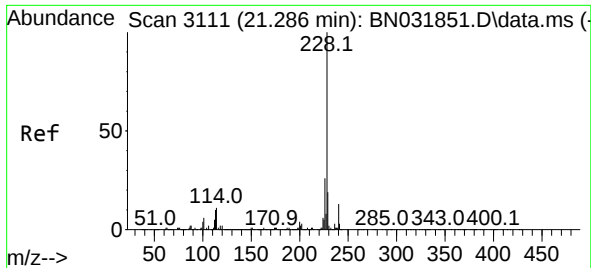


#83
 Butylbenzylphthalate
 Concen: 4.080 ng/ul
 RT: 20.398 min Scan# 2960
 Delta R.T. -0.006 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

Tgt Ion: 149 Resp: 179178

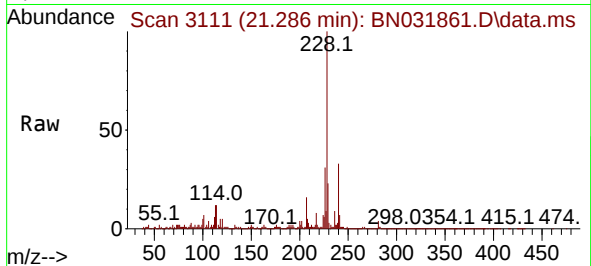
Ion	Ratio	Lower	Upper
149	100		
91	71.5	61.0	91.4
206	21.2	16.5	24.7





#85
Benzo(a)anthracene
Concen: 10.557 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

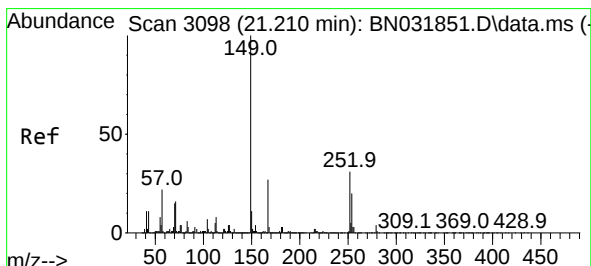
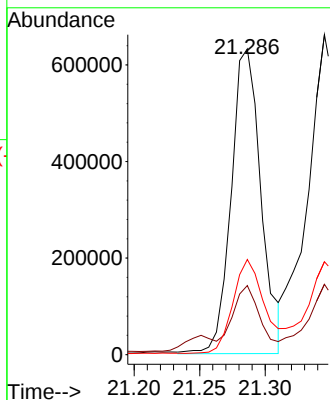
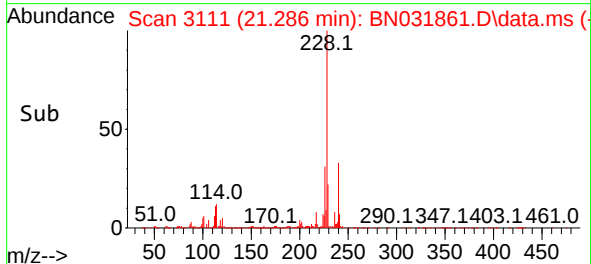
Instrument :
BNA_N
ClientSampleId :
BHBW7



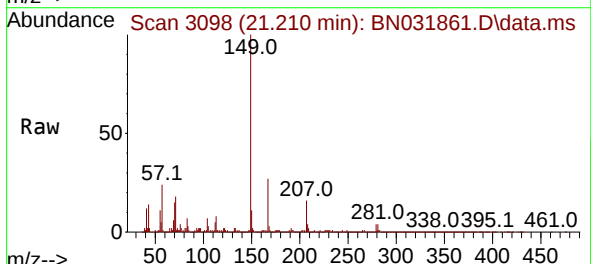
Tgt Ion:228 Resp: 1001330
Ion Ratio Lower Upper
228 100
229 22.6 16.7 25.1
226 31.1 22.8 34.2

Manual Integrations
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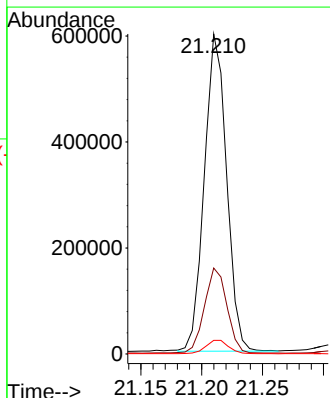
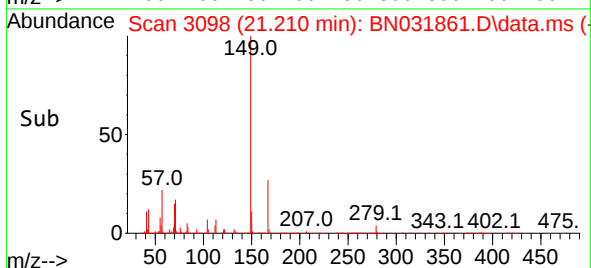
Reviewed By :Yogesh Patel 06/10/2024
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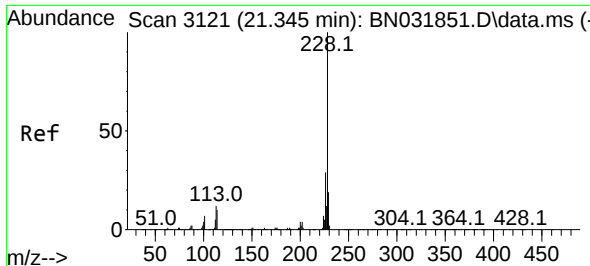


#86
Bis(2-ethylhexyl)phthalate
Concen: 11.889 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31



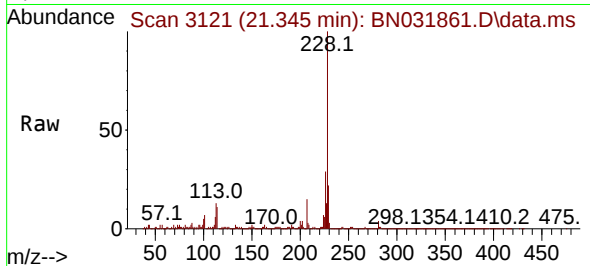
Tgt Ion:149 Resp: 761078
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 4.3 3.3 4.9





#87
Chrysene
Concen: 12.501 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

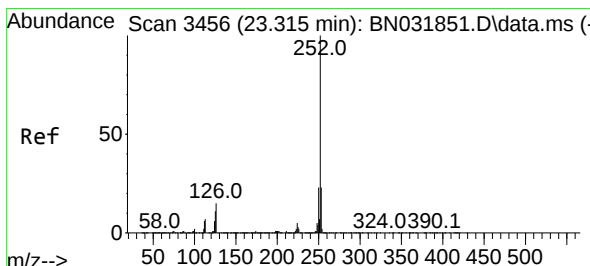
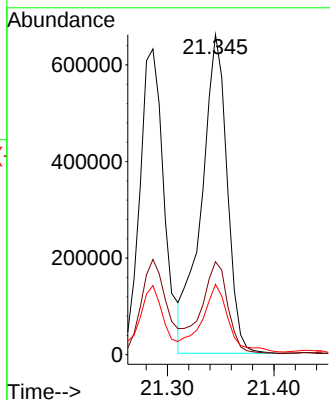
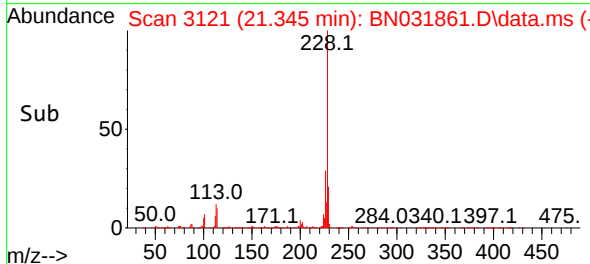
Instrument :
BNA_N
ClientSampleId :
BHBW7



Tgt Ion:228 Resp: 1107499
Ion Ratio Lower Upper
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226 29.0 23.7 35.5
229 22.0 15.1 22.7

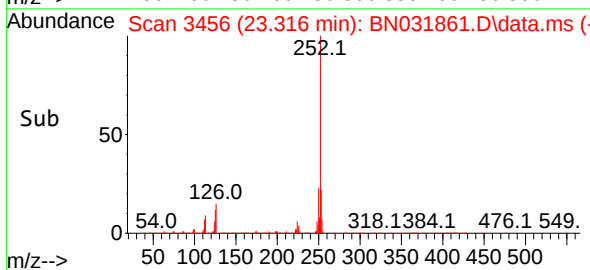
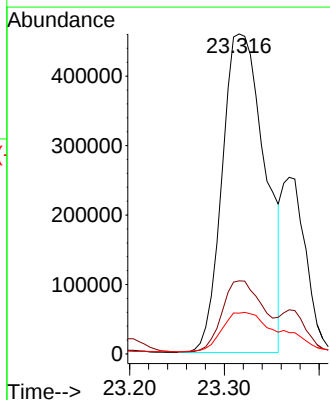
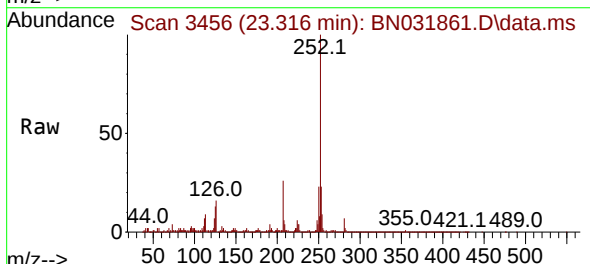
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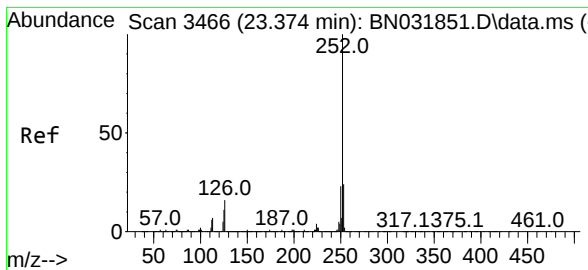
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#90
Benzo(b)fluoranthene
Concen: 14.952 ng/u1
RT: 23.316 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

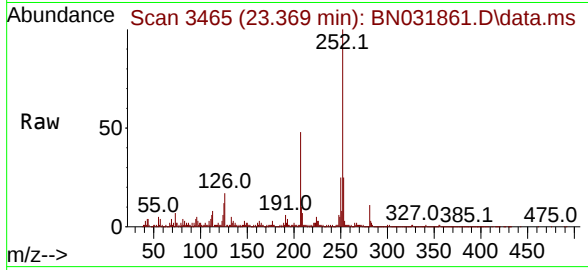
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Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 12.7 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 4.609 ng/ul m
RT: 23.369 min Scan# 3466
Delta R.T. -0.006 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

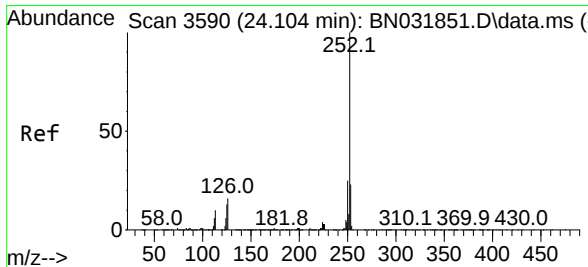
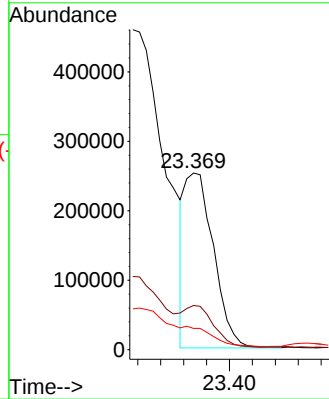
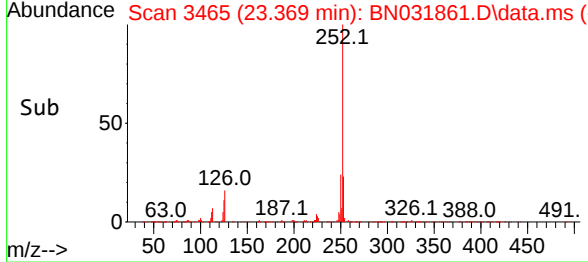
Instrument :
BNA_N
ClientSampleId :
BHBW7



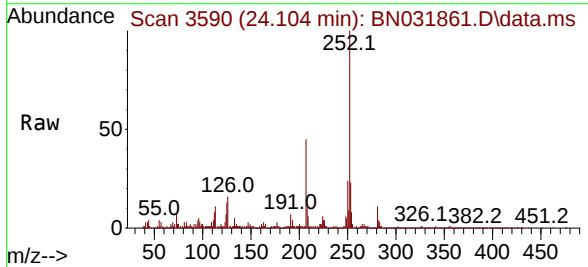
Tgt Ion:252 Resp: 437279
Ion Ratio Lower Upper
252 100
253 25.0 17.6 26.4
125 12.1 9.4 14.2

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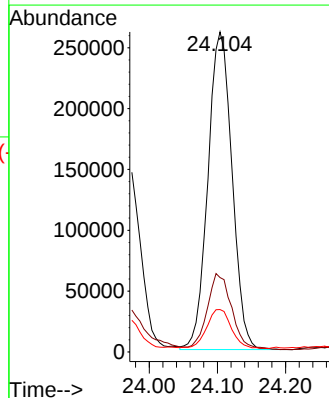
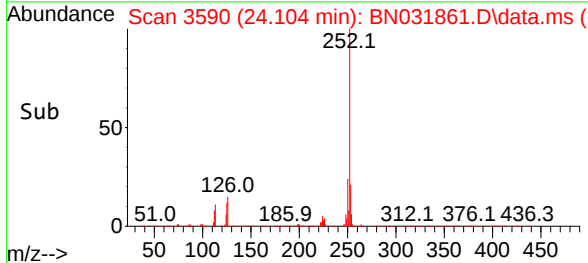
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

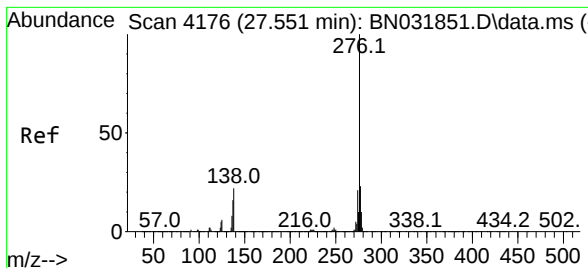


#93
Benzo(a)pyrene
Concen: 7.112 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31



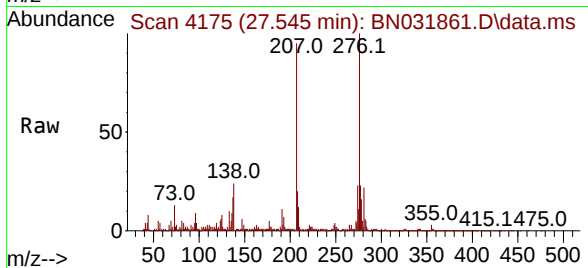
Tgt Ion:252 Resp: 644110
Ion Ratio Lower Upper
252 100
253 23.2 16.6 24.8
125 13.3 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.394 ng/ul
RT: 27.545 min Scan# 4176
Delta R.T. 0.012 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31

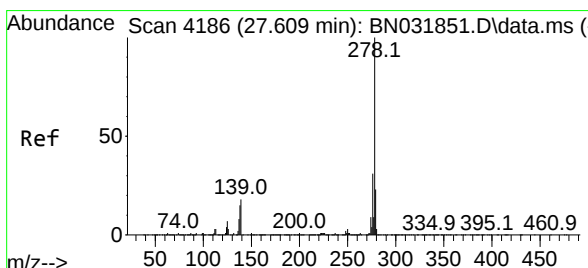
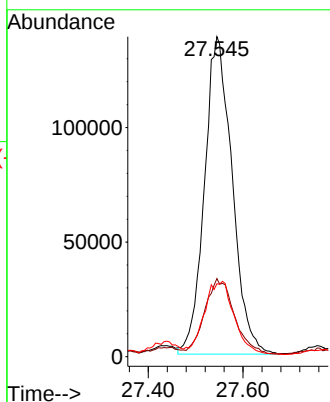
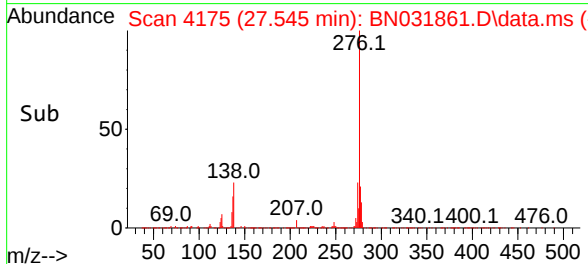
Instrument :
BNA_N
ClientSampleId :
BHBW7



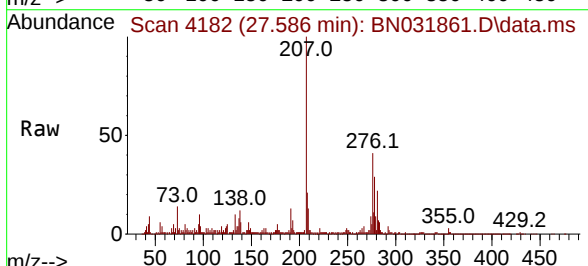
Tgt Ion:276 Resp: 56291
Ion Ratio Lower Upper
276 100
138 24.4 18.1 27.1
277 22.8 18.2 27.2

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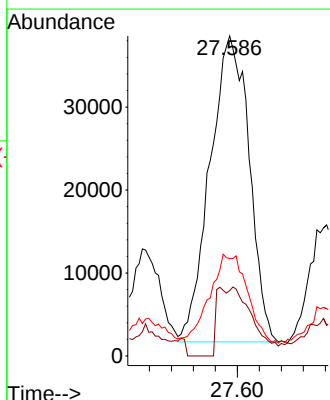
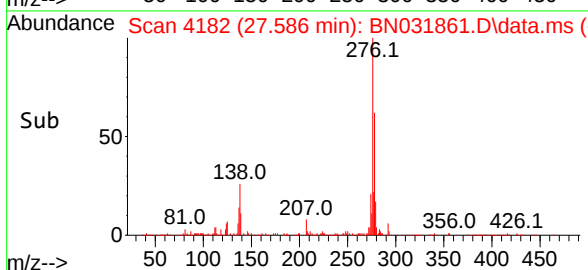
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

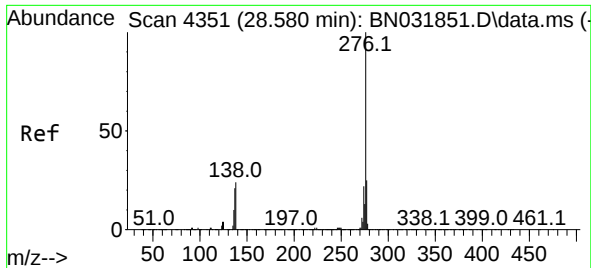


#95
Dibenzo(a,h)anthracene
Concen: 2.139 ng/ul
RT: 27.586 min Scan# 4182
Delta R.T. -0.018 min
Lab File: BN031861.D
Acq: 08 Jun 2024 16:31



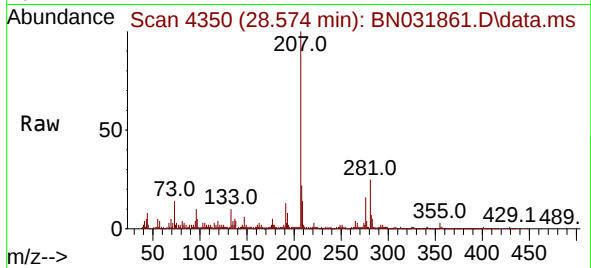
Tgt Ion:278 Resp: 182285
Ion Ratio Lower Upper
278 100
139 20.5 15.0 22.6
279 30.4 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 1.049 ng/ul m
 RT: 28.574 min Scan# 4350
 Delta R.T. 0.006 min
 Lab File: BN031861.D
 Acq: 08 Jun 2024 16:31

Instrument :
 BNA_N
 ClientSampleId :
 BHBW7



Tgt Ion:276 Resp: 87012
 Ion Ratio Lower Upper
 276 100
 138 27.5 20.9 31.3
 277 25.7 18.0 27.0

Manual Integrations
 APPROVED

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

