

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031656.D
 Acq On : 24 May 2024 11:42
 Operator : MA/JU
 Sample : P2548-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y4

Manual Integrations
 APPROVED

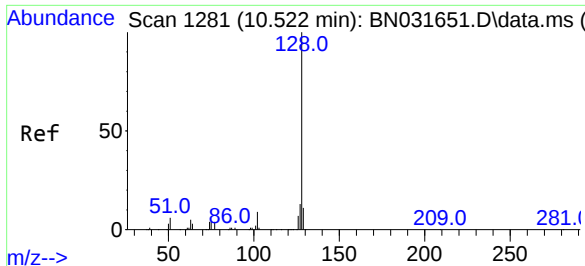
Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:03:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

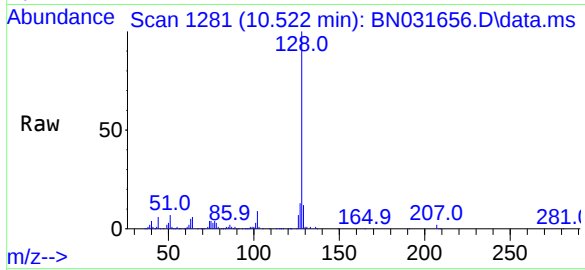
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	491255	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1964485	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1002499	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1662846	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1426872	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1790367	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	31103	2.510	ng/uL	0.00
4) Pyridine-d5	3.605	84	325959	9.424	ng/u1	0.00
7) Phenol-d5	6.852	99	611530	15.122	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	376256	15.513	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	500306	16.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	403091	12.876	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	231496	15.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	222961	15.704	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	420876	15.161	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	370034	9.247	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	1126667	17.833	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1370342	17.306	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	132112	11.052	ng/u1	0.00
60) Fluorene-d10	15.322	176	952150	17.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	68488	9.527	ng/u1	0.00
73) Anthracene-d10	17.169	188	1292414	18.360	ng/u1	0.00
81) Pyrene-d10	19.463	212	1454608	16.253	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1615267	19.167	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.522	128	117319	1.160	ng/u1	99
50) Acenaphthylene	14.045	152	179116	1.960	ng/u1	97
52) Acenaphthene	14.392	153	266873	4.506	ng/u1	89
56) Dibenzofuran	14.728	168	235792	2.982	ng/u1	98
61) Fluorene	15.375	166	239228	3.863	ng/u1	98
72) Phenanthrene	17.116	178	4879398	57.820	ng/u1	99
74) Anthracene	17.204	178	1152987	13.618	ng/u1	98
77) Carbazole	17.475	167	543808	7.527	ng/u1	97
80) Fluoranthene	19.133	202	6819136	61.640	ng/u1	99
82) Pyrene	19.498	202	5862608	51.674	ng/u1	99
83) Butylbenzylphthalate	20.404	149	125816	3.268	ng/u1	99
85) Benzo(a)anthracene	21.286	228	3215408	33.511	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	309295	5.867	ng/u1	99
87) Chrysene	21.345	228	2990876	33.745	ng/u1	95
90) Benzo(b)fluoranthene	23.315	252	4374247	41.868	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	1146075m	10.761	ng/u1	
93) Benzo(a)pyrene	24.104	252	3121625	31.104	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.539	276	2222501	18.452	ng/u1	99
95) Dibenzo(a,h)anthracene	27.598	278	555173m	5.597	ng/u1	
96) Benzo(g,h,i)perylene	28.568	276	2057267	20.673	ng/u1	96

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



#30
Naphthalene
Concen: 1.160 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

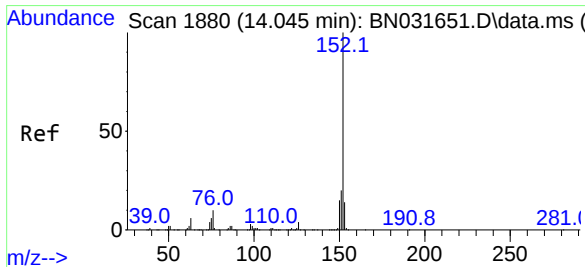
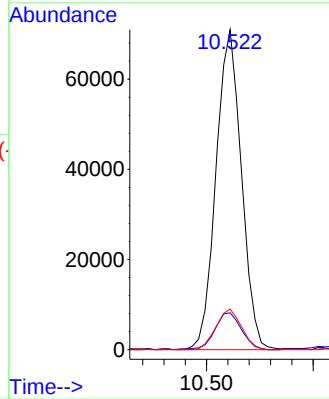
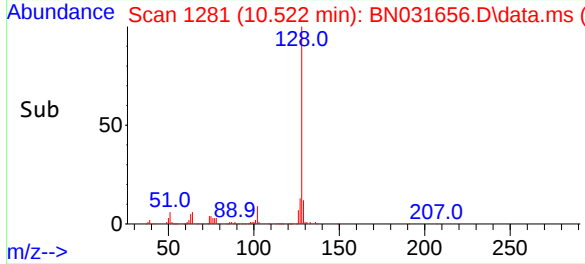
Instrument :
BNA_N
ClientSampleId :
BH5Y4



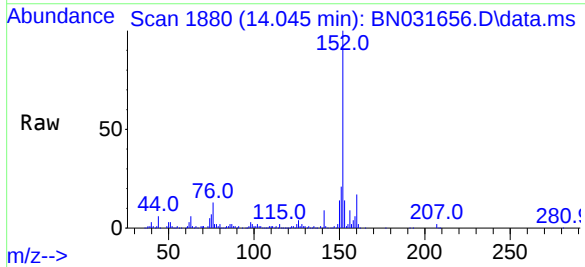
Tgt Ion:128 Resp: 117319
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 12.7 10.2 15.2

Manual Integrations
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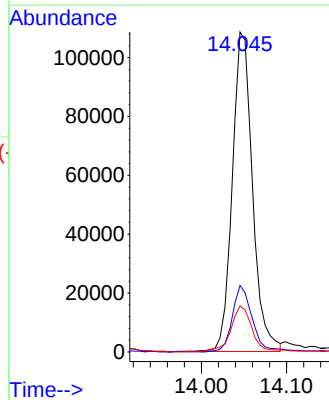
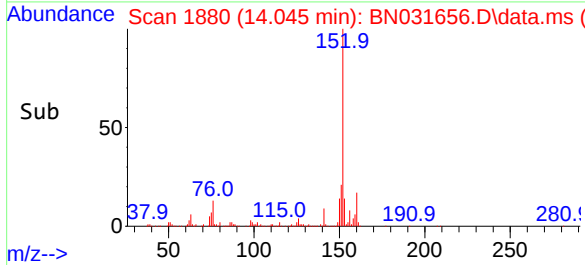
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

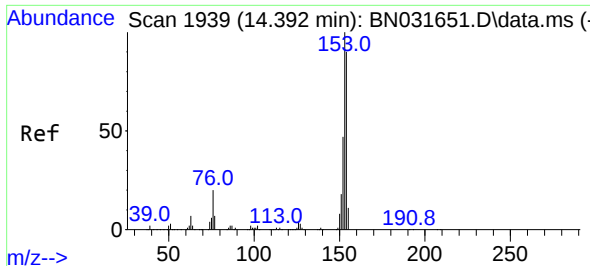


#50
Acenaphthylene
Concen: 1.960 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



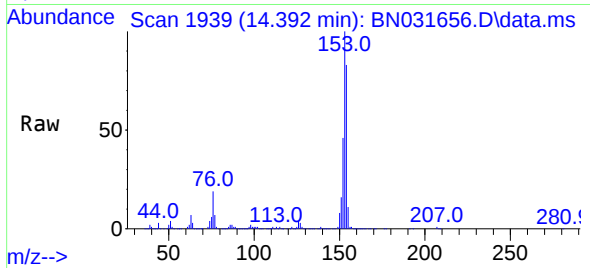
Tgt Ion:152 Resp: 179116
Ion Ratio Lower Upper
152 100
151 20.7 15.6 23.4
153 14.4 10.8 16.2





#52
Acenaphthene
Concen: 4.506 ng/u1
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

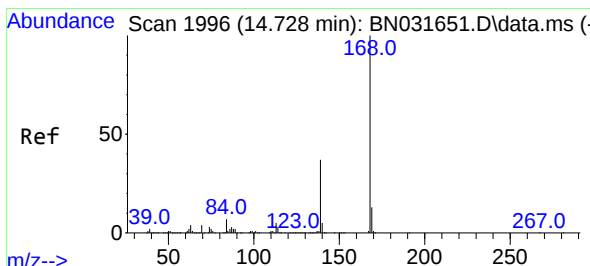
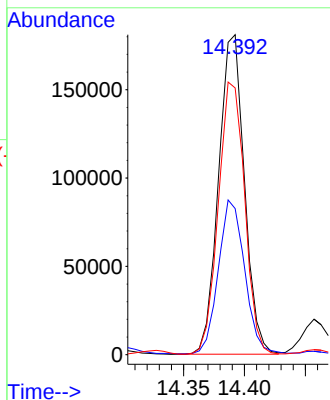
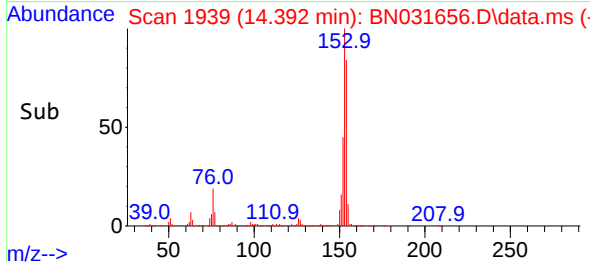
Instrument :
BNA_N
ClientSampleId :
BH5Y4



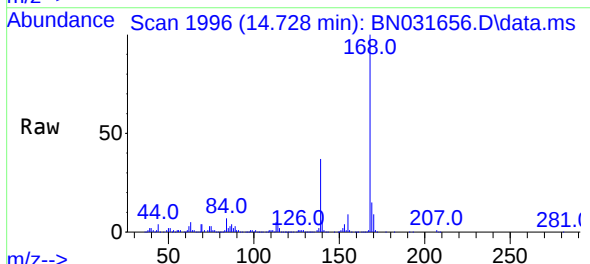
Tgt Ion:153 Resp: 266873
Ion Ratio Lower Upper
153 100
152 45.7 40.5 60.7
154 83.4 76.6 114.8

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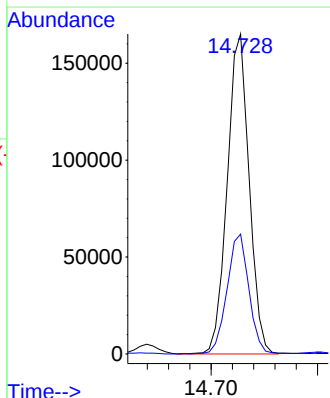
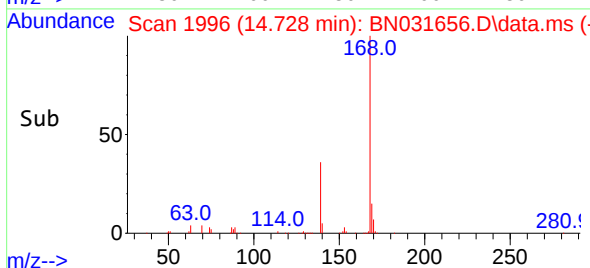
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

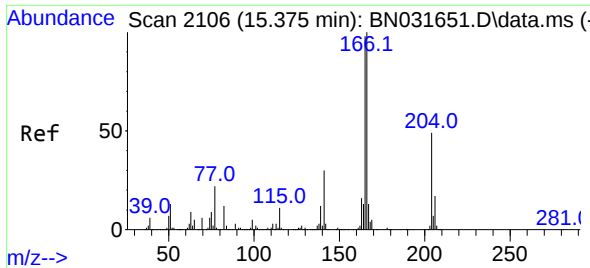


#56
Dibenzofuran
Concen: 2.982 ng/u1
RT: 14.728 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



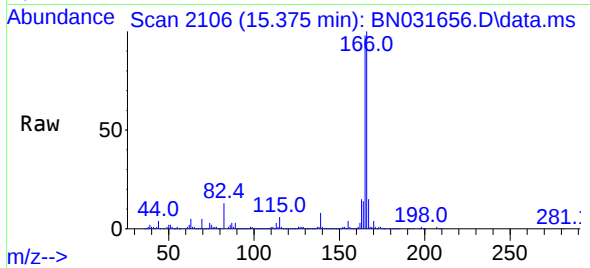
Tgt Ion:168 Resp: 235792
Ion Ratio Lower Upper
168 100
139 37.4 29.2 43.8





#61
Fluorene
Concen: 3.863 ng/u1
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

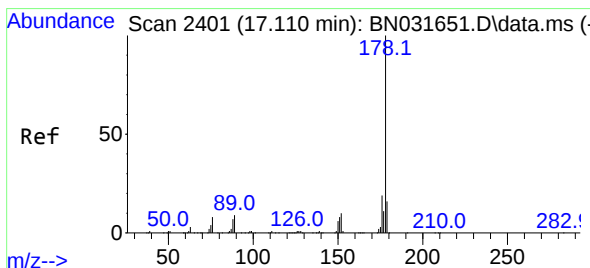
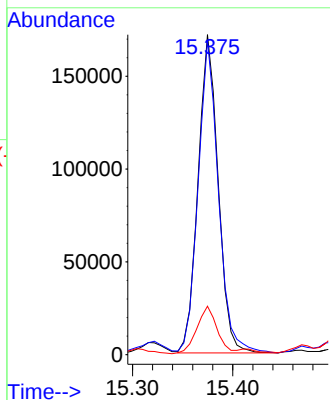
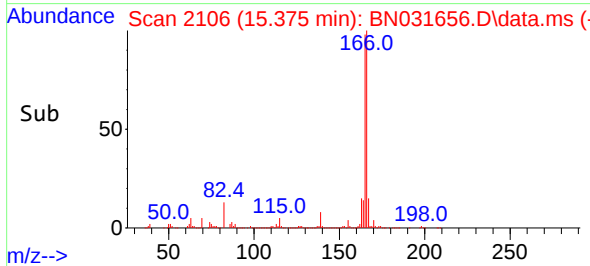
Instrument :
BNA_N
ClientSampleId :
BH5Y4



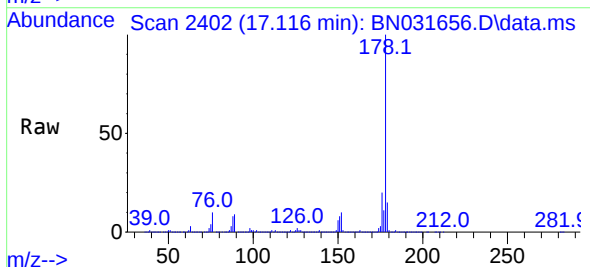
Tgt Ion:166 Resp: 239228
Ion Ratio Lower Upper
166 100
165 98.3 77.0 115.6
167 15.1 10.9 16.3

Manual Integrations
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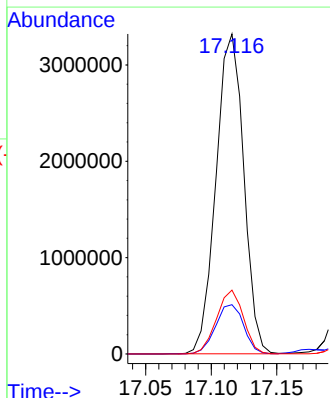
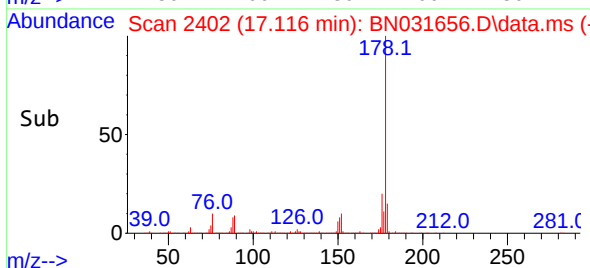
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

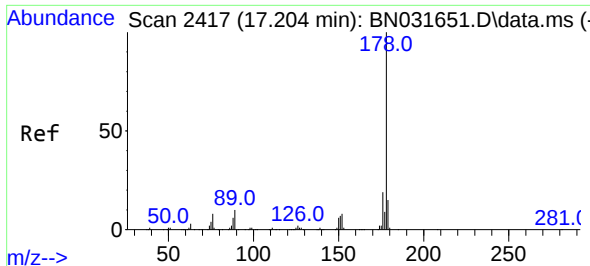


#72
Phenanthrene
Concen: 57.820 ng/u1
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



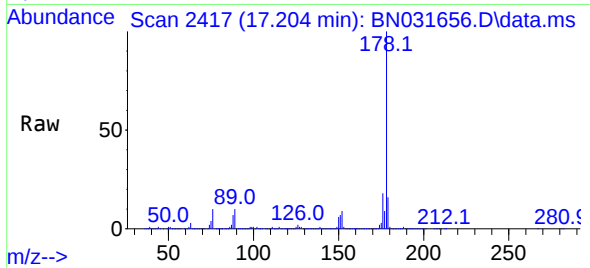
Tgt Ion:178 Resp: 4879398
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 20.0 15.2 22.8





#74
 Anthracene
 Concen: 13.618 ng/u1
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031656.D
 Acq: 24 May 2024 11:42

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y4

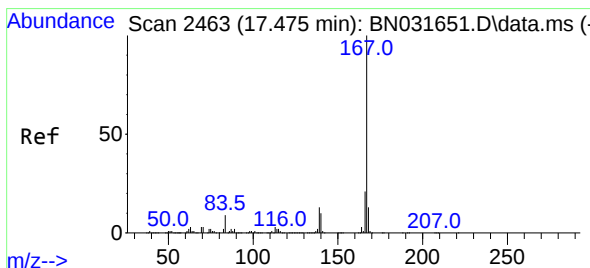
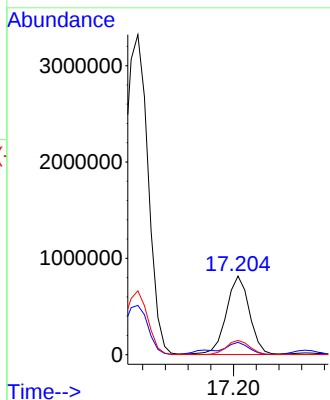
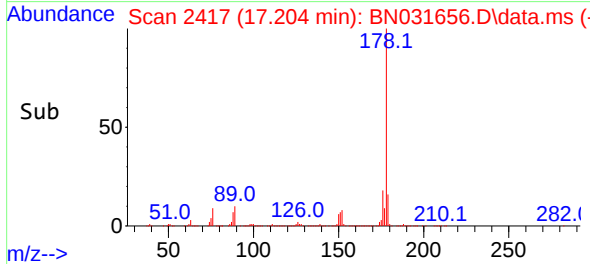


Tgt Ion:178 Resp: 1152985

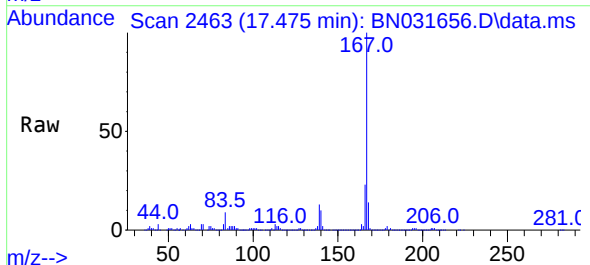
Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	18.1	15.4	23.2

Manual Integrations
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 Supervised By :mohammad ahmed 05/27/2024

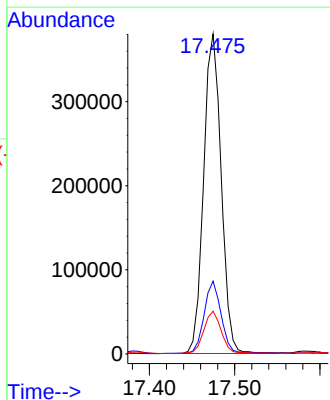
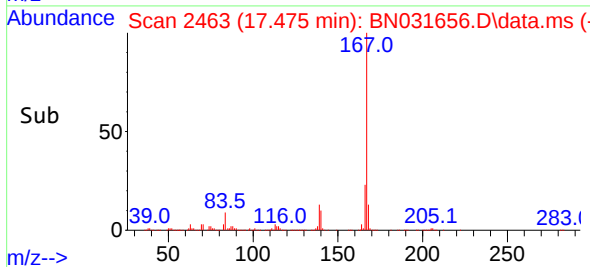


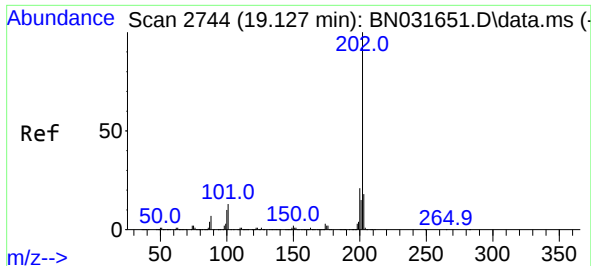
#77
 Carbazole
 Concen: 7.527 ng/u1
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031656.D
 Acq: 24 May 2024 11:42



Tgt Ion:167 Resp: 543808

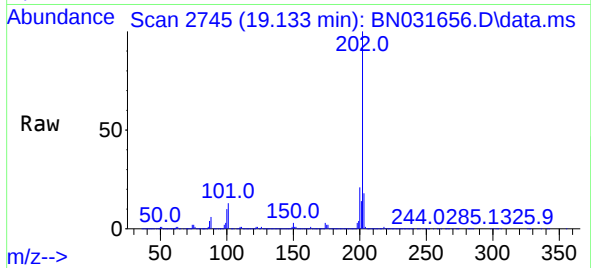
Ion	Ratio	Lower	Upper
167	100		
166	22.7	16.7	25.1
139	13.4	10.5	15.7





#80
Fluoranthene
Concen: 61.640 ng/u1
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

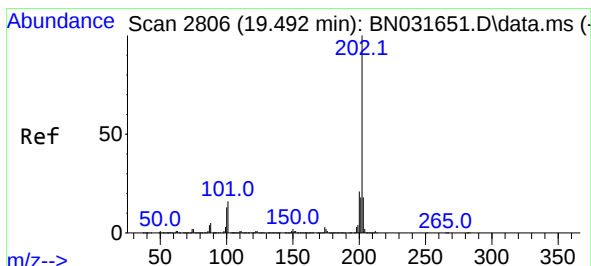
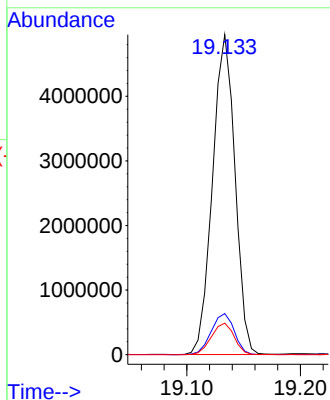
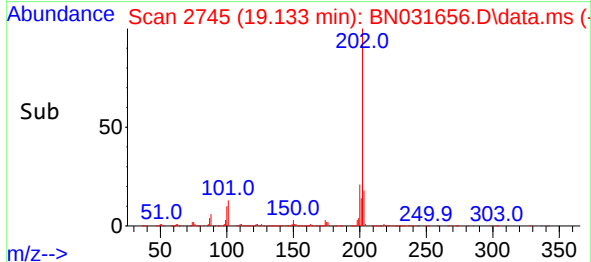
Instrument :
BNA_N
ClientSampleId :
BH5Y4



Tgt Ion:202 Resp: 6819130
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.9 8.0 12.0

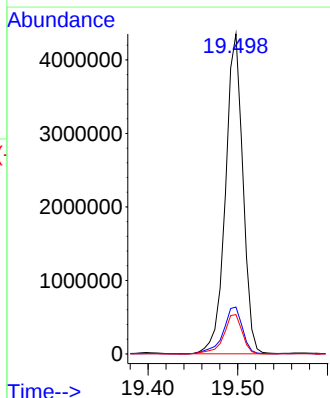
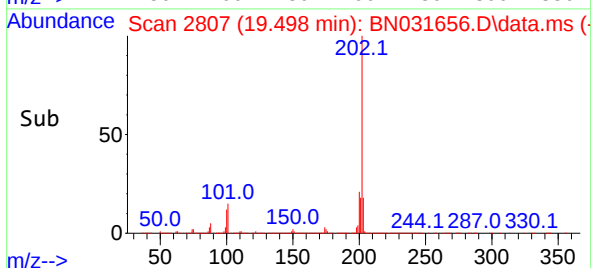
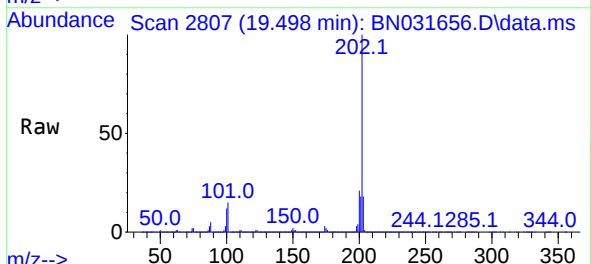
Manual Integrations
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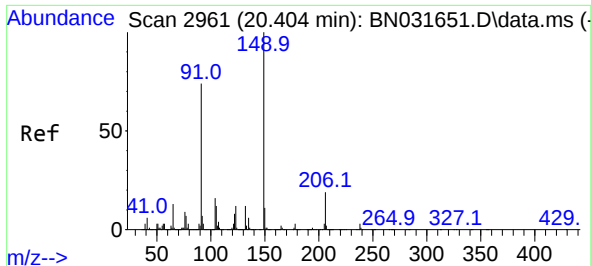
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#82
Pyrene
Concen: 51.674 ng/u1
RT: 19.498 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

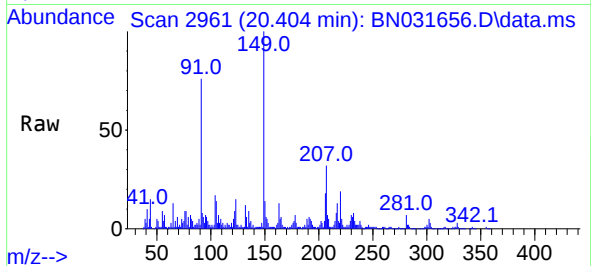
Tgt Ion:202 Resp: 5862608
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.2
100 12.3 9.3 13.9





#83
Butylbenzylphthalate
Concen: 3.268 ng/ul
RT: 20.404 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

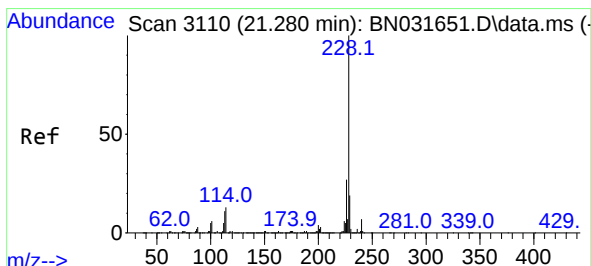
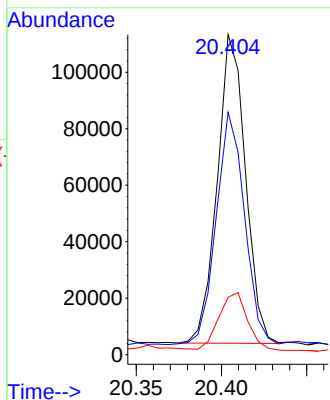
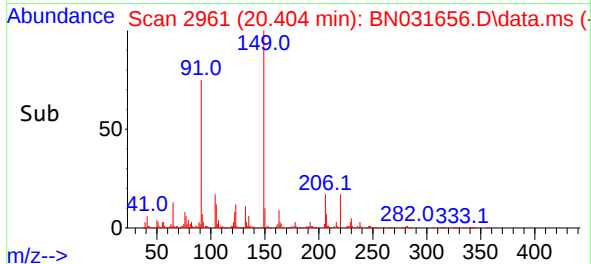
Instrument :
BNA_N
ClientSampleId :
BH5Y4



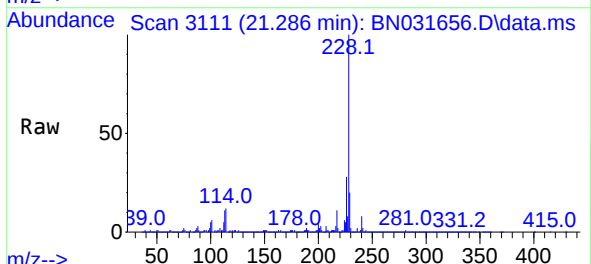
Tgt Ion:149 Resp: 125810
Ion Ratio Lower Upper
149 100
91 75.8 60.8 91.2
206 18.0 15.8 23.8

Manual Integrations
APPROVED

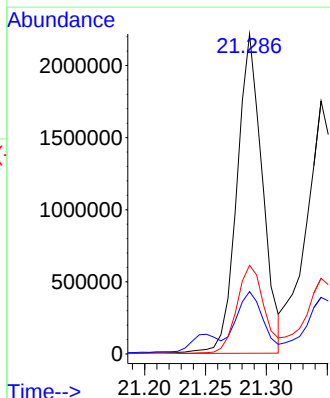
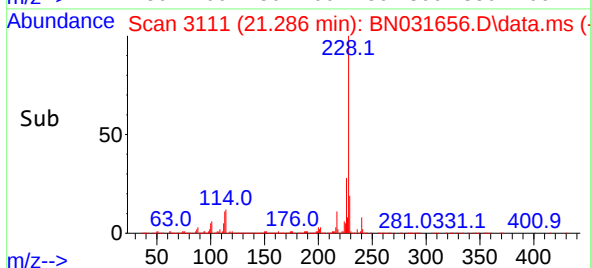
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

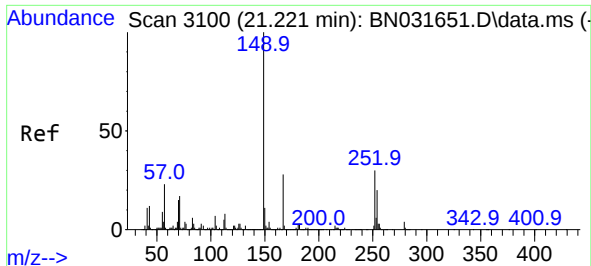


#85
Benzo(a)anthracene
Concen: 33.511 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



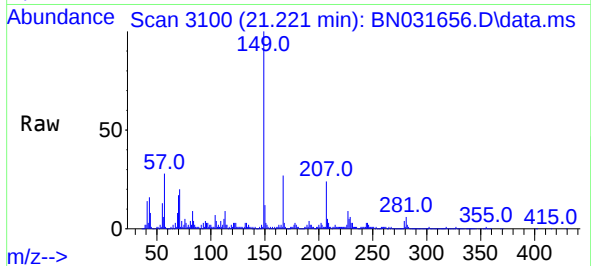
Tgt Ion:228 Resp: 3215408
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.7 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.867 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

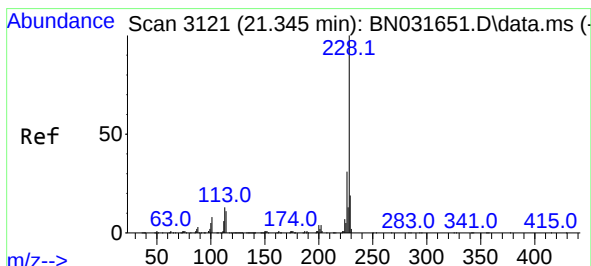
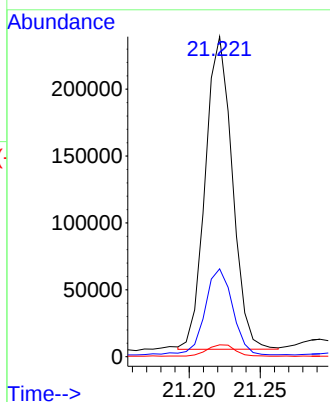
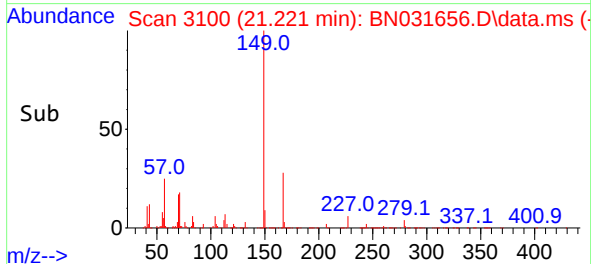
Instrument :
BNA_N
ClientSampleId :
BH5Y4



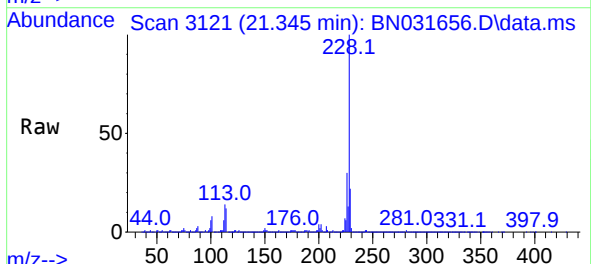
Tgt Ion:149 Resp: 30929
Ion Ratio Lower Upper
149 100
167 27.5 21.6 32.4
279 3.7 2.8 4.2

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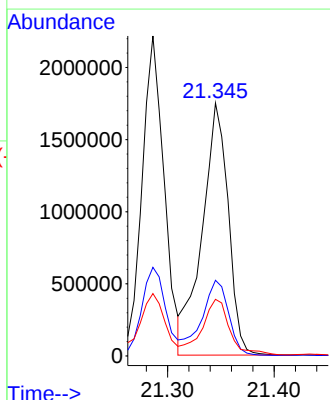
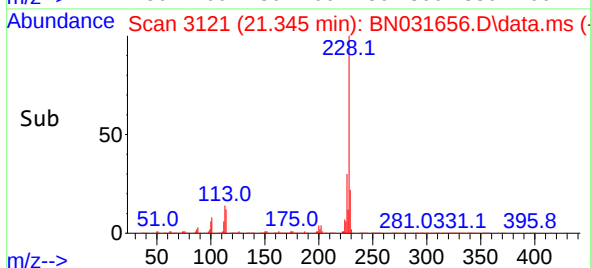
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

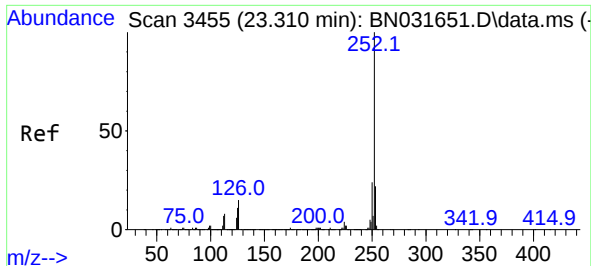


#87
Chrysene
Concen: 33.745 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



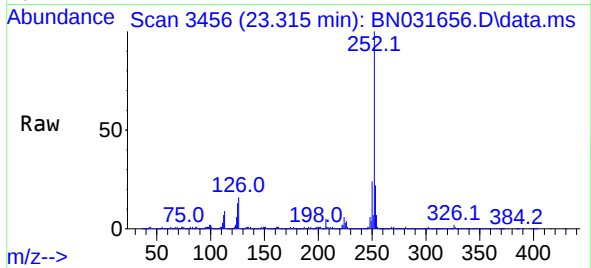
Tgt Ion:228 Resp: 2990876
Ion Ratio Lower Upper
228 100
226 29.9 22.9 34.3
229 22.4 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 41.868 ng/ul
RT: 23.315 min Scan# 3455
Delta R.T. 0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

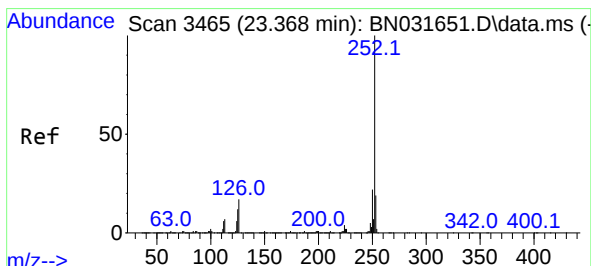
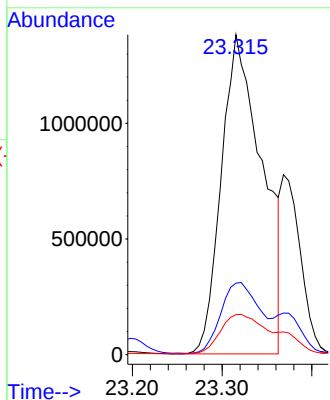
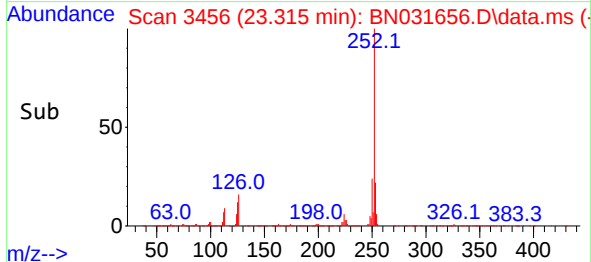
Instrument :
BNA_N
ClientSampleId :
BH5Y4



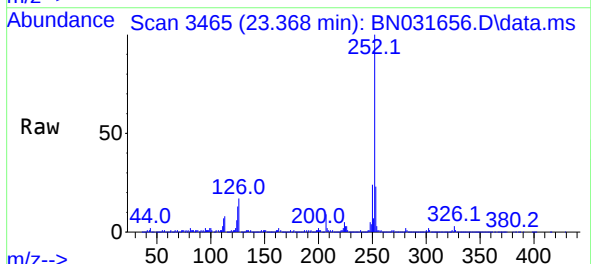
Tgt Ion:252 Resp: 437424
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 12.5 9.3 13.9

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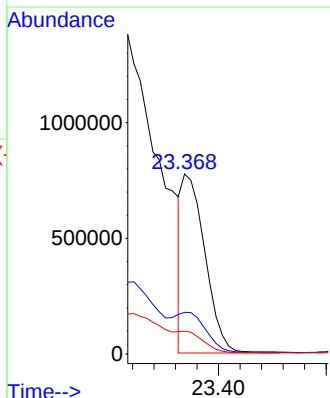
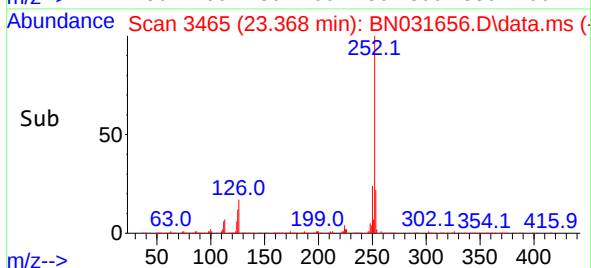
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

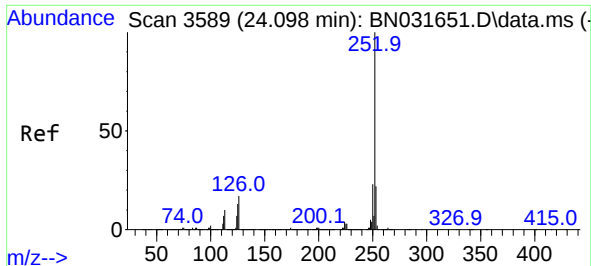


#91
Benzo(k)fluoranthene
Concen: 10.761 ng/ul m
RT: 23.368 min Scan# 3465
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



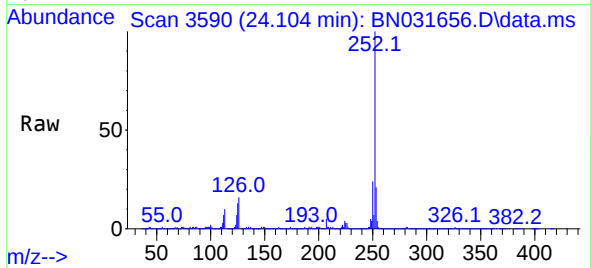
Tgt Ion:252 Resp: 1146075
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 12.6 9.3 13.9





#93
Benzo(a)pyrene
Concen: 31.104 ng/u1
RT: 24.104 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

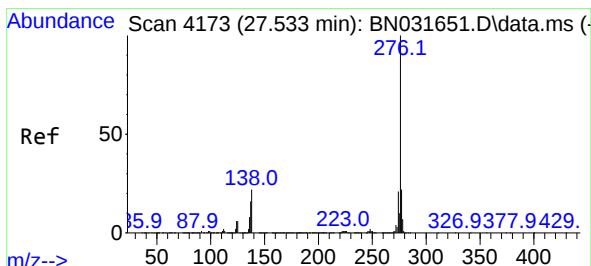
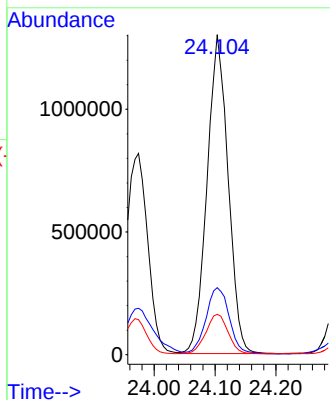
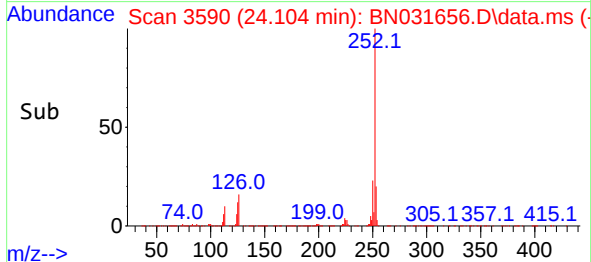
Instrument :
BNA_N
ClientSampleId :
BH5Y4



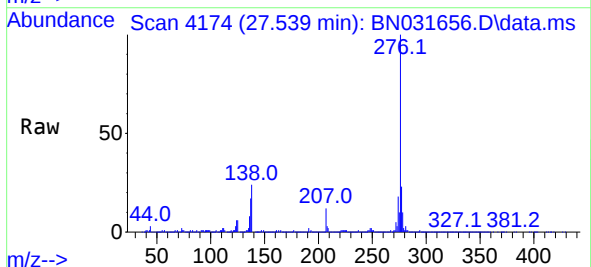
Tgt Ion:252 Resp: 312162
Ion Ratio Lower Upper
252 100
253 21.0 16.6 24.8
125 12.6 9.8 14.8

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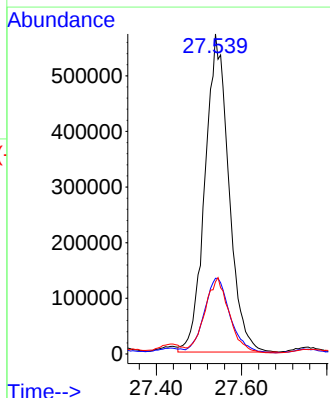
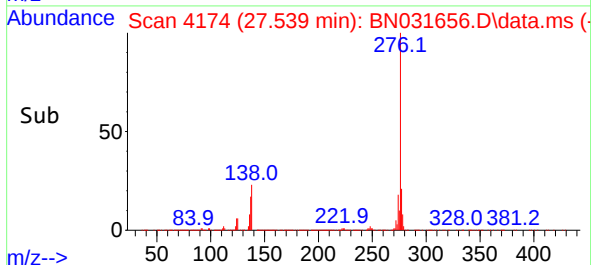
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

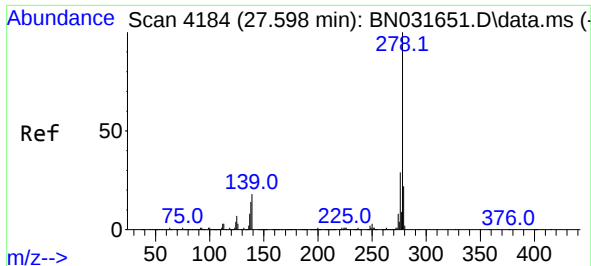


#94
Indeno(1,2,3-cd)pyrene
Concen: 18.452 ng/u1
RT: 27.539 min Scan# 4174
Delta R.T. 0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



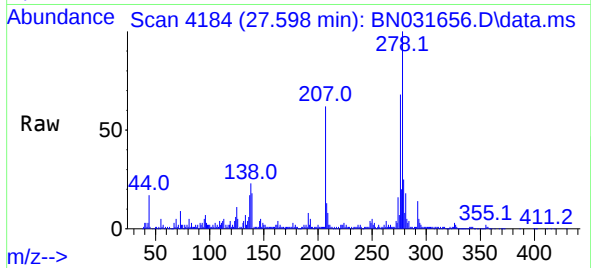
Tgt Ion:276 Resp: 2222501
Ion Ratio Lower Upper
276 100
138 23.6 19.8 29.6
277 22.6 18.2 27.4





#95
Dibenzo(a,h)anthracene
Concen: 5.597 ng/ul m
RT: 27.598 min Scan# 4184
Delta R.T. 0.006 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42

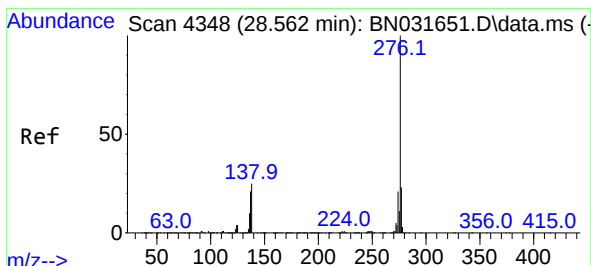
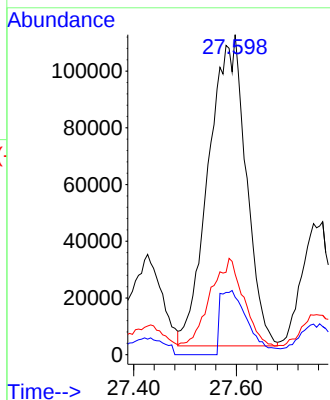
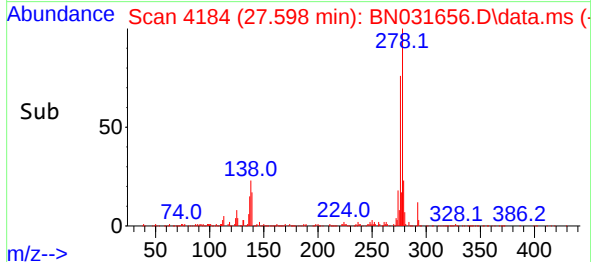
Instrument :
BNA_N
ClientSampleId :
BH5Y4



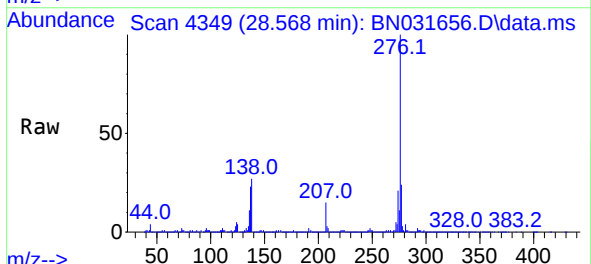
Tgt Ion:278 Resp: 55517
Ion Ratio Lower Upper
278 100
139 18.0 15.2 22.8
279 25.1 18.4 27.6

Manual Integrations
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Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#96
Benzo(g,h,i)perylene
Concen: 20.673 ng/ul
RT: 28.568 min Scan# 4349
Delta R.T. 0.012 min
Lab File: BN031656.D
Acq: 24 May 2024 11:42



Tgt Ion:276 Resp: 2057267
Ion Ratio Lower Upper
276 100
138 26.6 19.5 29.3
277 23.8 17.6 26.4

