

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031709.D
 Acq On : 30 May 2024 05:47
 Operator : MA/JU
 Sample : P2569-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH645

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 06:24:04 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	7.687	152	519173	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2234811	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1365930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2607620	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1484949	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1642332	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	50082	3.991	ng/uL	0.00
4) Pyridine-d5	3.605	84	580781	16.441	ng/u1	0.00
7) Phenol-d5	6.858	99	1054969	23.703	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	601489	23.104	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	840117	24.738	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	747057	20.591	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	423539	24.787	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	443014	25.098	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	833290	25.288	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	476248	9.734	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2538538	26.677	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2904330	26.543	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	379862	19.937	ng/u1	0.00
60) Fluorene-d10	15.322	176	2148887	26.689	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	167369	12.769	ng/u1	0.01
73) Anthracene-d10	17.175	188	3043741	27.264	ng/u1	0.00
81) Pyrene-d10	19.469	212	2808443	35.343	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.057	264	2124354	27.089	ng/u1	0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.051	152	425153	3.438	ng/u1	99
52) Acenaphthene	14.392	153	90276	1.103	ng/u1	98
61) Fluorene	15.381	166	136507	1.525	ng/u1	94
72) Phenanthrene	17.116	178	3770802	28.387	ng/u1	99
74) Anthracene	17.210	178	979013	7.274	ng/u1	99
77) Carbazole	17.481	167	358451	3.123	ng/u1	99
78) Di-n-butylphthalate	18.051	149	450268	2.852	ng/u1	99
80) Fluoranthene	19.139	202	6967825	73.372	ng/u1	99
82) Pyrene	19.504	202	6216069	63.797	ng/u1	97
85) Benzo(a)anthracene	21.292	228	3120579	31.396	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	140411	2.093	ng/u1#	94
87) Chrysene	21.351	228	3063305m	32.995	ng/u1	
90) Benzo(b)fluoranthene	23.327	252	3591704	36.588	ng/u1	96
91) Benzo(k)fluoranthene	23.380	252	1106766	11.490	ng/u1	97
93) Benzo(a)pyrene	24.115	252	2514351	27.347	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.568	276	1667766m	15.742	ng/u1	
95) Dibenzo(a,h)anthracene	27.615	278	458685	5.303	ng/u1#	87
96) Benzo(g,h,i)perylene	28.598	276	1613151	19.154	ng/u1	98

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

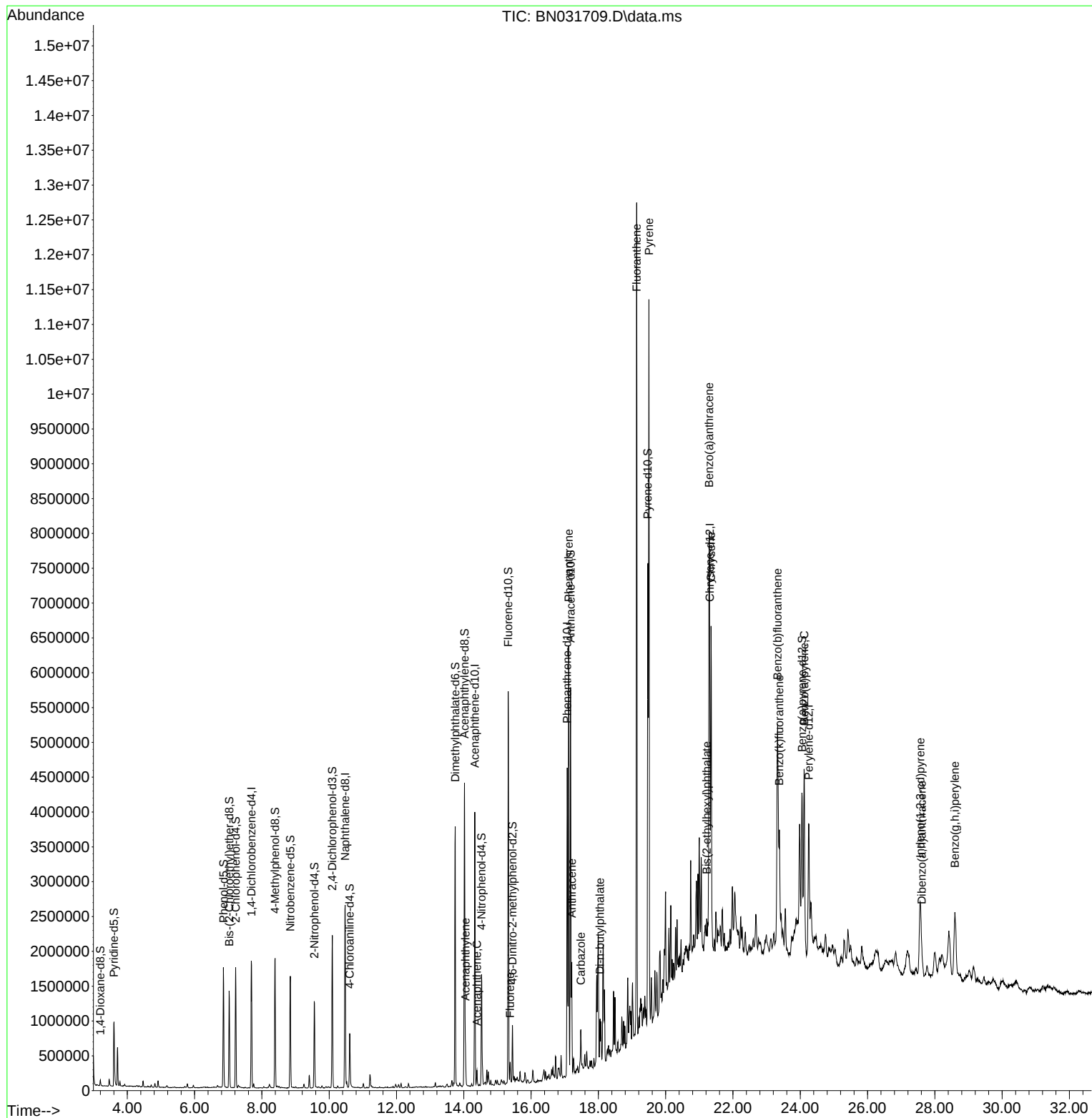
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
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 ALS Vial : 20 Sample Multiplier: 1

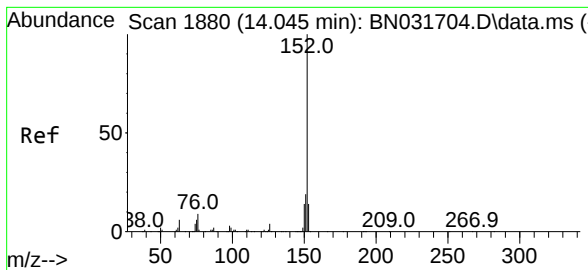
Instrument :
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 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 06:24:04 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
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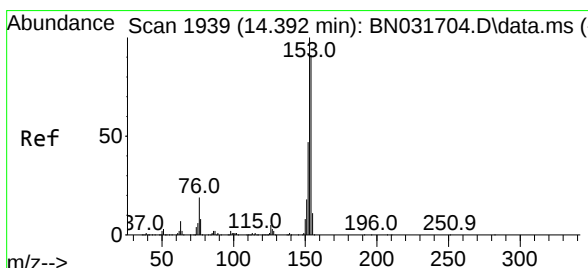
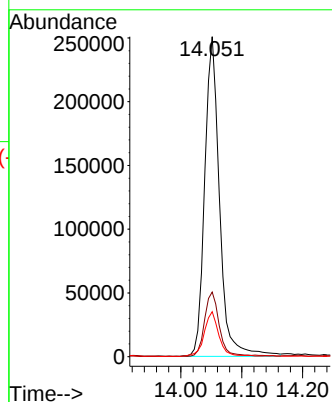
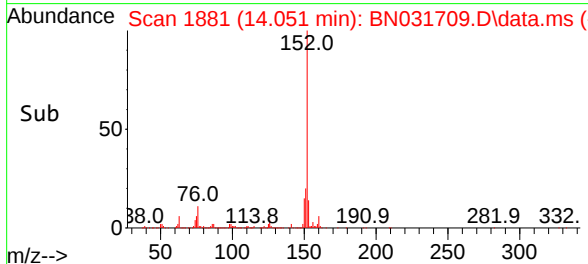
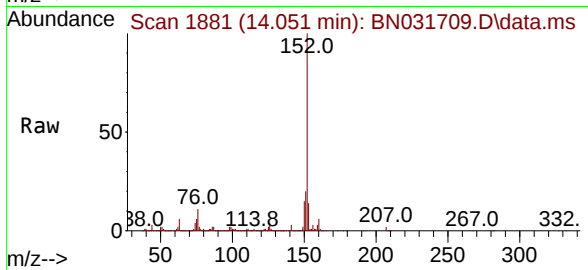
#50
Acenaphthylene
Concen: 3.438 ng/ul
RT: 14.051 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

Instrument :
BNA_N
ClientSampleId :
BH645

Tgt Ion:152 Resp: 42515
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 14.1 10.4 15.6

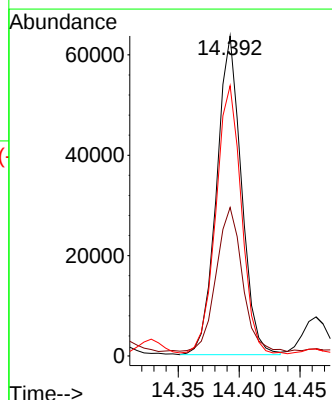
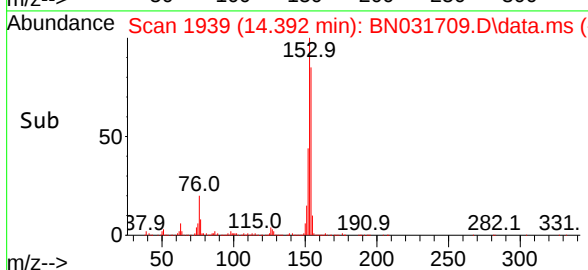
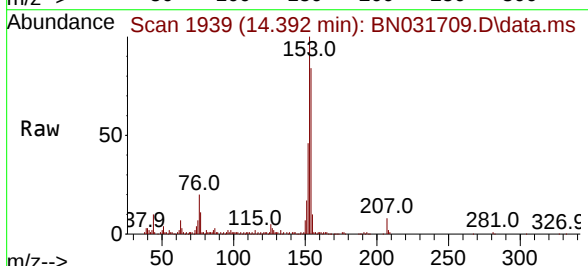
Manual Integrations
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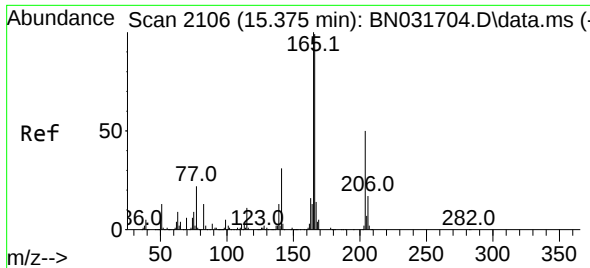
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#52
Acenaphthene
Concen: 1.103 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

Tgt Ion:153 Resp: 90276
Ion Ratio Lower Upper
153 100
152 46.4 37.8 56.6
154 84.4 69.8 104.8





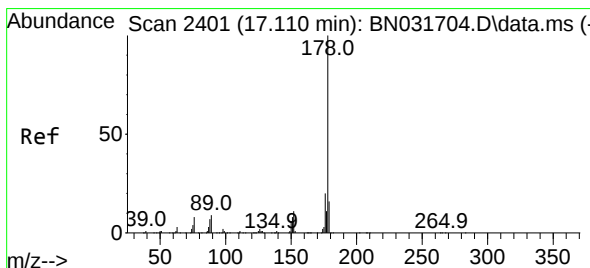
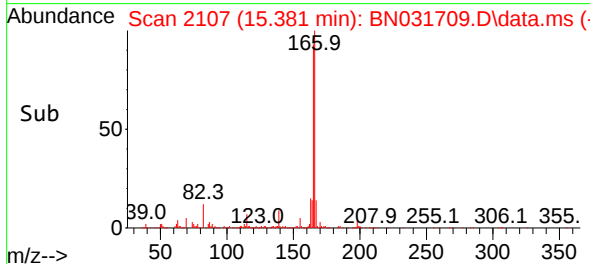
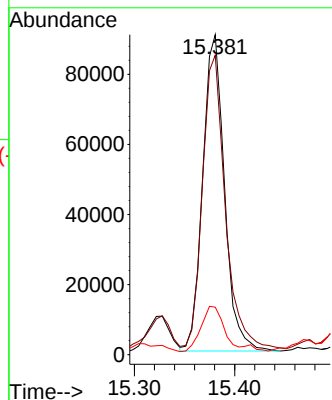
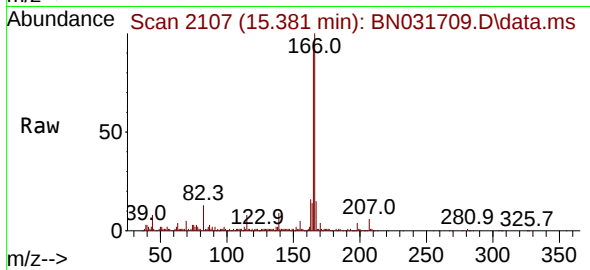
#61
Fluorene
Concen: 1.525 ng/ul
RT: 15.381 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

Instrument :
BNA_N
ClientSampleId :
BH645

Tgt Ion:166 Resp: 13650
Ion Ratio Lower Upper
166 100
165 93.6 80.3 120.5
167 14.9 11.3 16.9

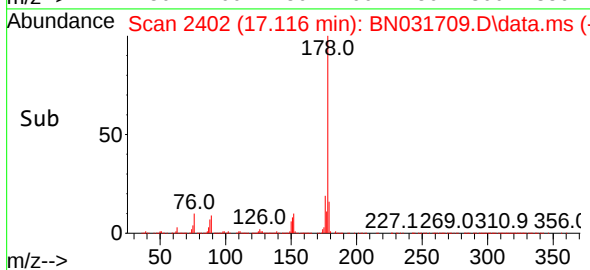
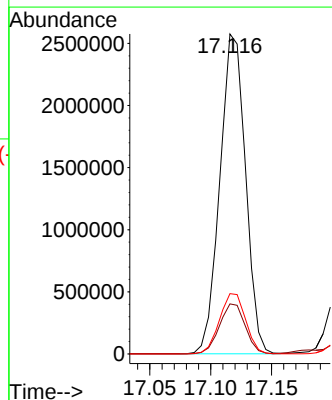
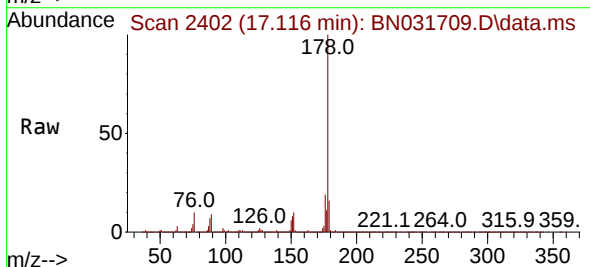
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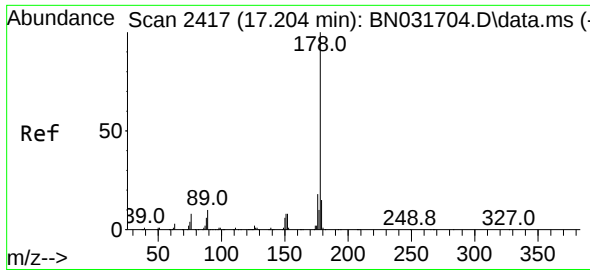
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#72
Phenanthrene
Concen: 28.387 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

Tgt Ion:178 Resp: 3770802
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.9 15.8 23.6





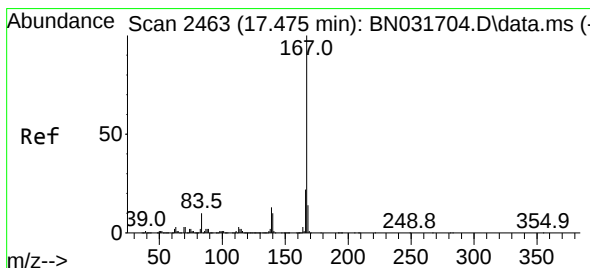
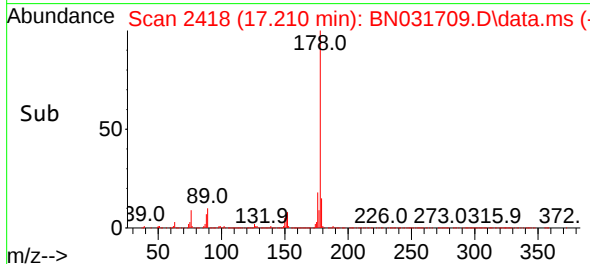
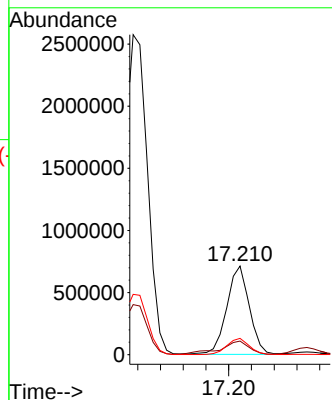
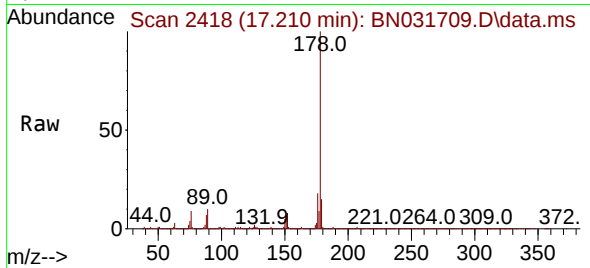
#74
 Anthracene
 Concen: 7.274 ng/ul
 RT: 17.210 min Scan# 2417
 Delta R.T. 0.006 min
 Lab File: BN031709.D
 Acq: 30 May 2024 05:47

Instrument :
 BNA_N
 ClientSampleId :
 BH645

Tgt Ion:178 Resp: 979011
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.6
 176 18.4 14.8 22.2

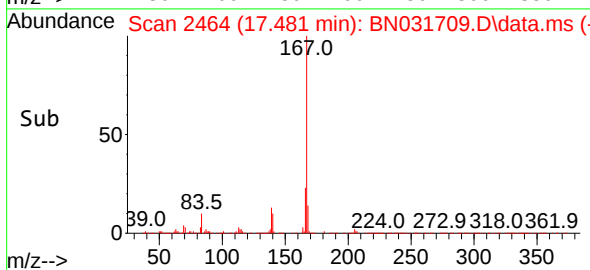
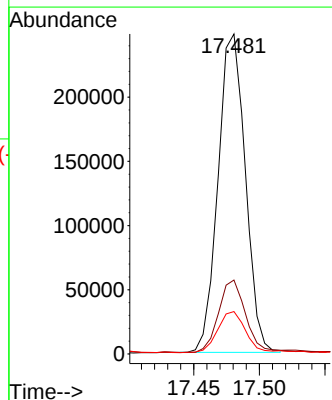
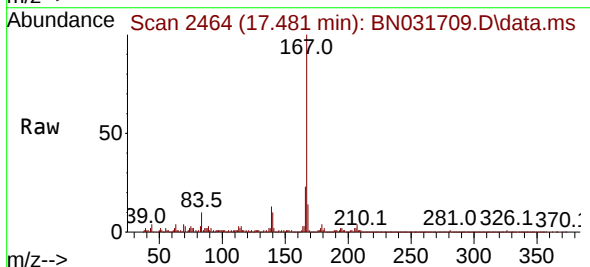
Manual Integrations
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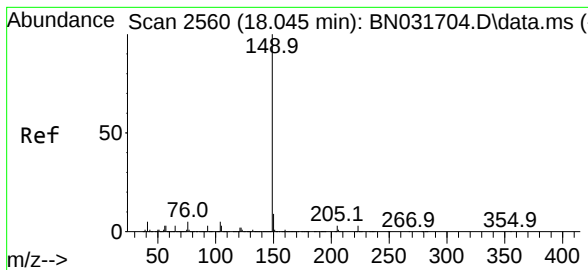
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#77
 Carbazole
 Concen: 3.123 ng/ul
 RT: 17.481 min Scan# 2464
 Delta R.T. 0.006 min
 Lab File: BN031709.D
 Acq: 30 May 2024 05:47

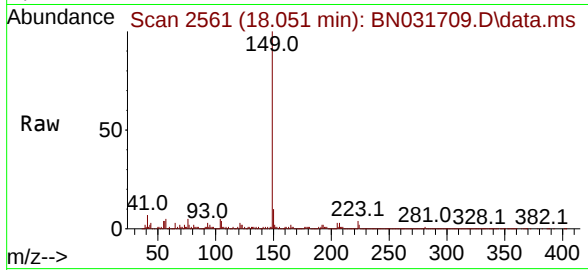
Tgt Ion:167 Resp: 358451
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.9 26.9
 139 13.2 10.5 15.7





#78
Di-n-butylphthalate
Concen: 2.852 ng/ul
RT: 18.051 min Scan# 2561
Delta R.T. 0.006 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

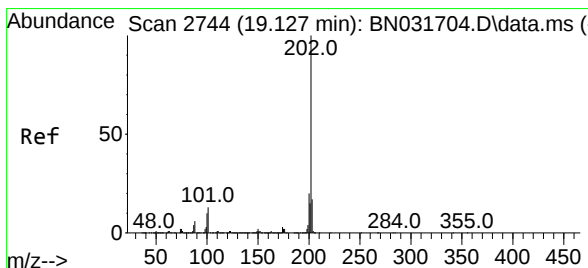
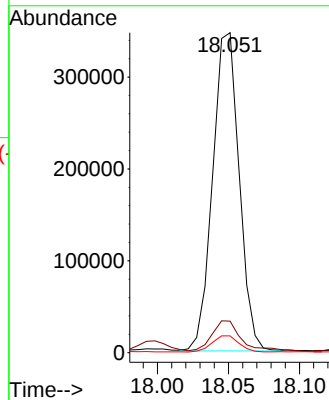
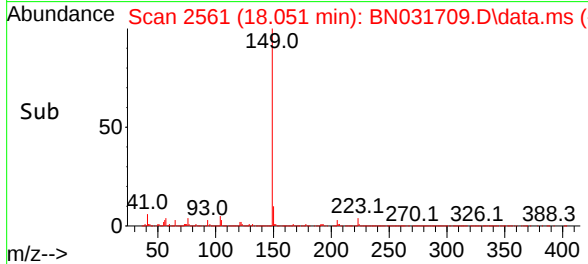
Instrument :
BNA_N
ClientSampleId :
BH645



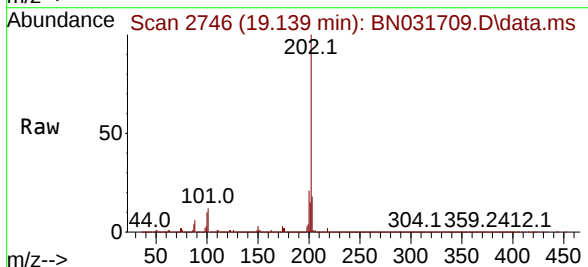
Tgt Ion:149 Resp: 450268
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.0
104 5.2 4.1 6.1

Manual Integrations
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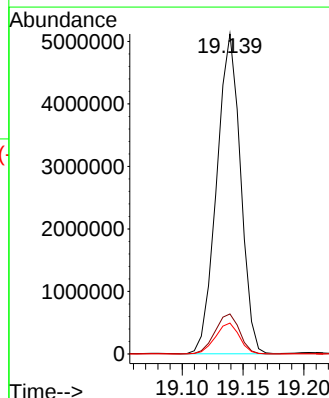
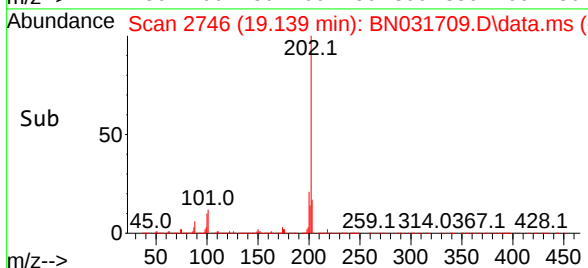
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

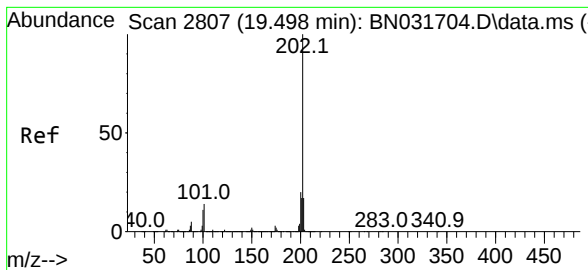


#80
Fluoranthene
Concen: 73.372 ng/ul
RT: 19.139 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47



Tgt Ion:202 Resp: 6967825
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.7 8.0 12.0





#82

Pyrene

Concen: 63.797 ng/ul

RT: 19.504 min Scan# 21

Delta R.T. 0.012 min

Lab File: BN031709.D

Acq: 30 May 2024 05:47

Instrument :

BNA_N

ClientSampleId :

BH645

Tgt Ion:202 Resp: 6216069

Ion Ratio Lower Upper

202 100

101 14.3 12.6 18.8

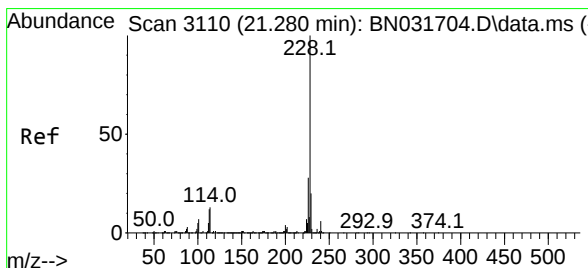
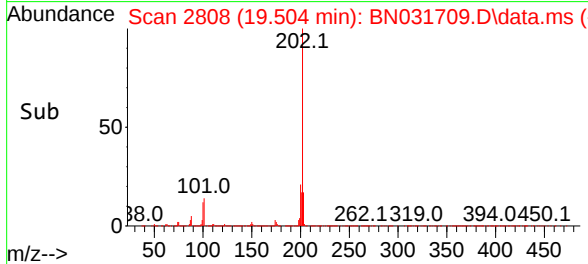
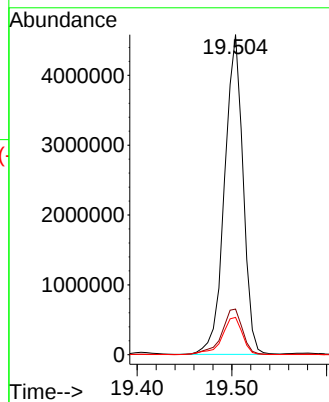
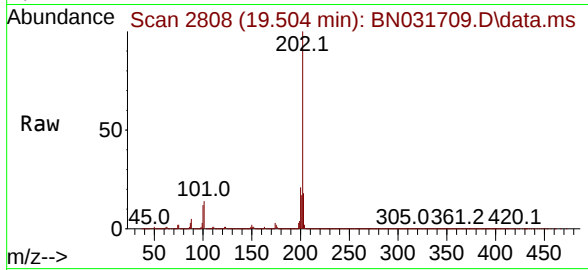
100 11.6 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#85

Benzo(a)anthracene

Concen: 31.396 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BN031709.D

Acq: 30 May 2024 05:47

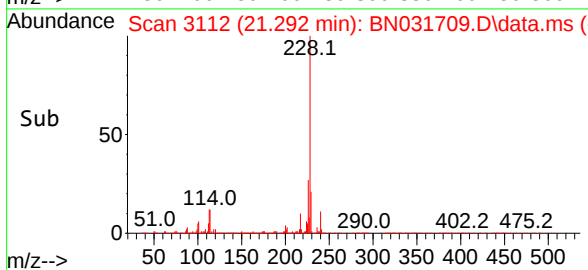
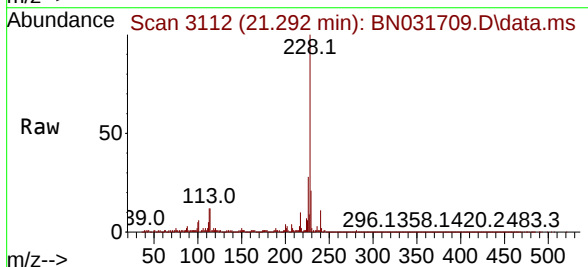
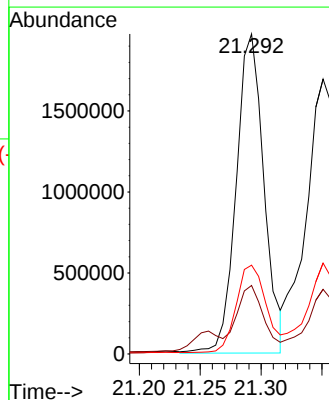
Tgt Ion:228 Resp: 3120579

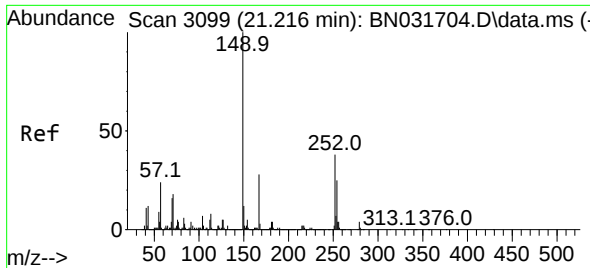
Ion Ratio Lower Upper

228 100

229 21.4 16.7 25.1

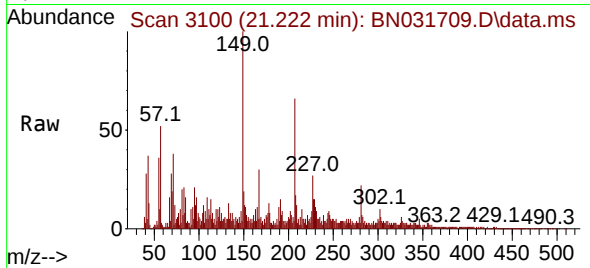
226 27.7 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.093 ng/ul
RT: 21.222 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

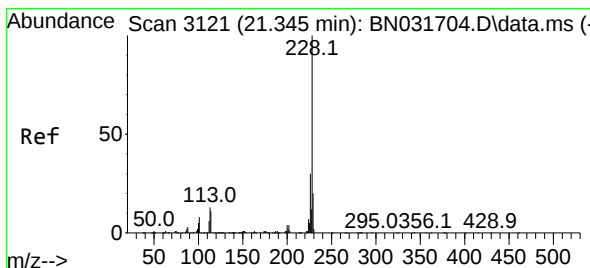
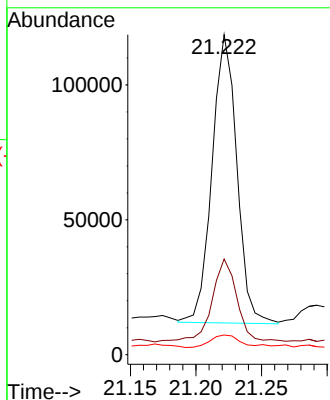
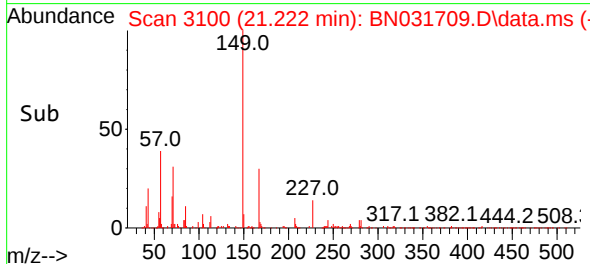
Instrument :
BNA_N
ClientSampleId :
BH645



Tgt Ion:149 Resp: 14041
Ion Ratio Lower Upper
149 100
167 29.9 21.4 32.0
279 6.1 3.3 4.9

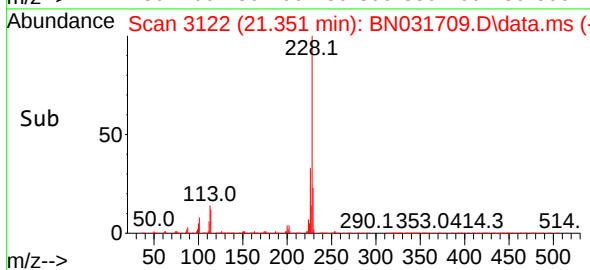
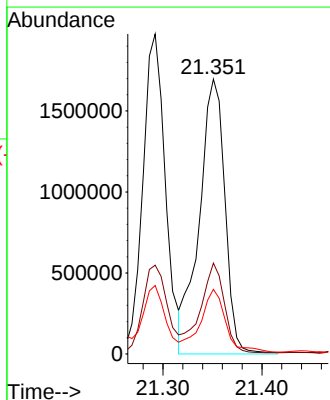
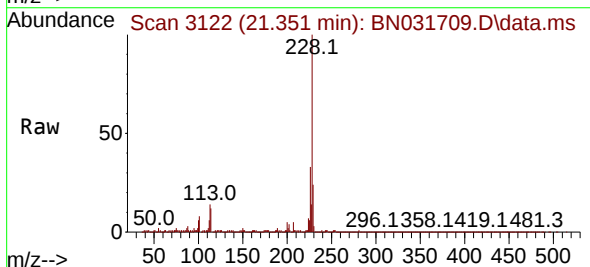
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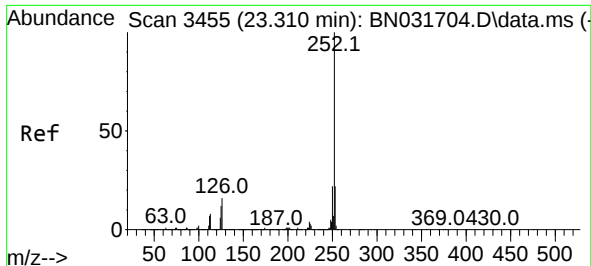
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#87
Chrysene
Concen: 32.995 ng/ul m
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

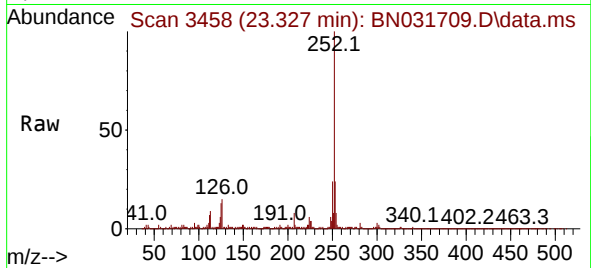
Tgt Ion:228 Resp: 3063305
Ion Ratio Lower Upper
228 100
226 33.1 23.7 35.5
229 23.5 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 36.588 ng/u1
RT: 23.327 min Scan# 3455
Delta R.T. 0.018 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

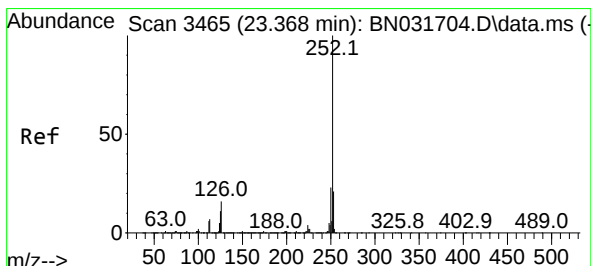
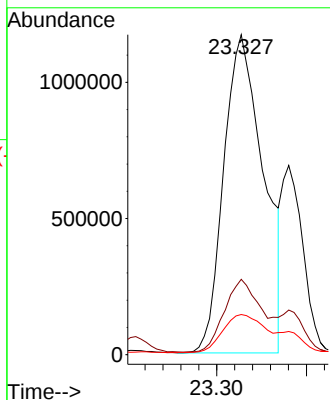
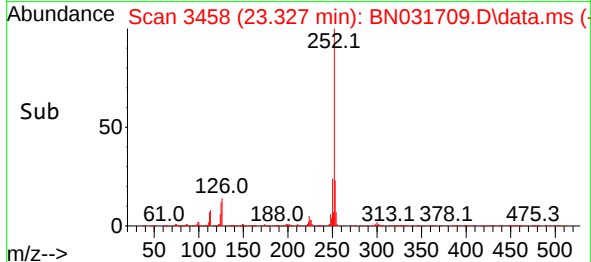
Instrument :
BNA_N
ClientSampleId :
BH645



Tgt Ion:252 Resp: 3591704
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 12.6 9.2 13.8

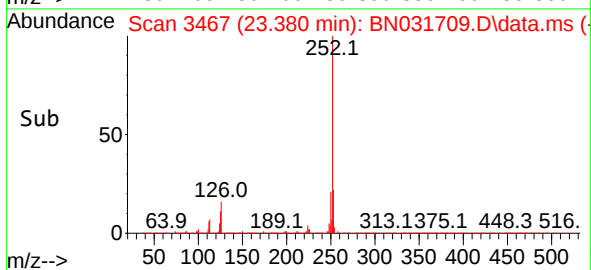
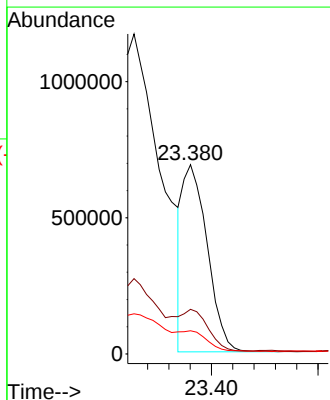
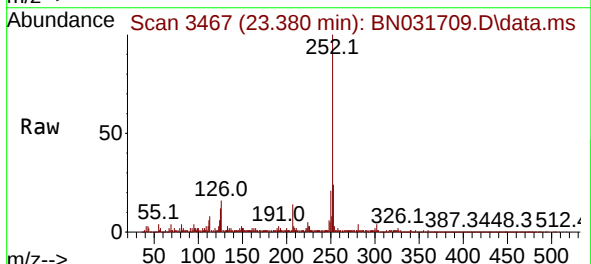
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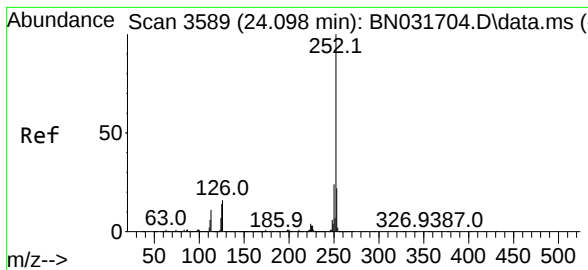
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#91
Benzo(k)fluoranthene
Concen: 11.490 ng/u1
RT: 23.380 min Scan# 3467
Delta R.T. 0.006 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

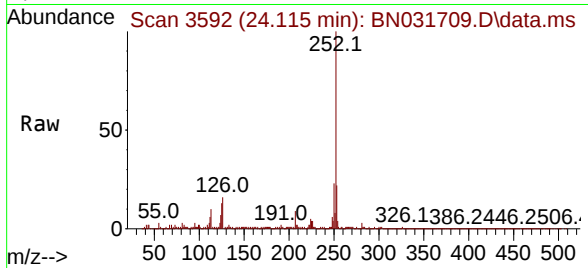
Tgt Ion:252 Resp: 1106766
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 12.3 9.4 14.2





#93
Benzo(a)pyrene
Concen: 27.347 ng/ul
RT: 24.115 min Scan# 3592
Delta R.T. 0.012 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47

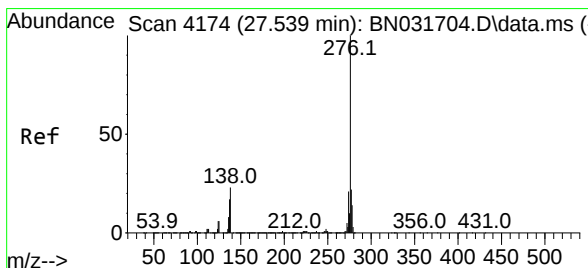
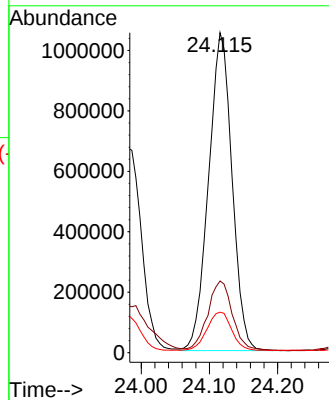
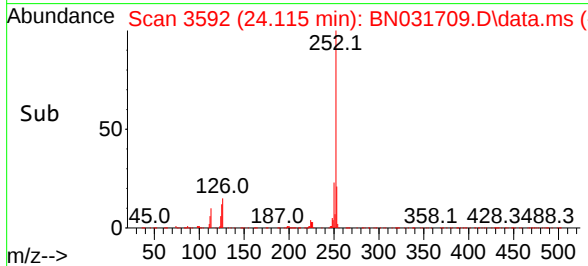
Instrument :
BNA_N
ClientSampleId :
BH645



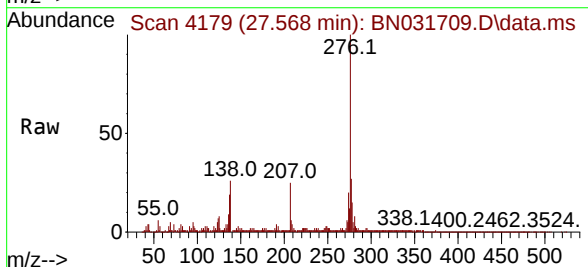
Tgt Ion:252 Resp: 251435
Ion Ratio Lower Upper
252 100
253 22.4 16.6 24.8
125 12.7 9.8 14.8

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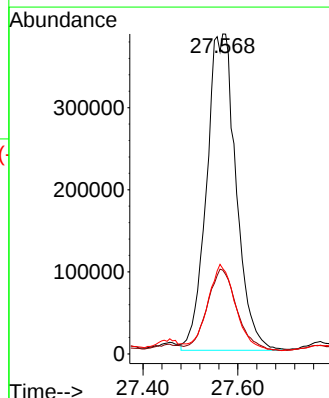
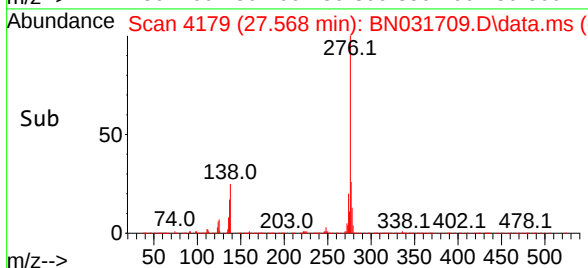
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

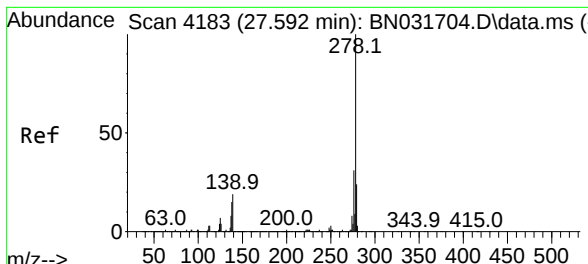


#94
Indeno(1,2,3-cd)pyrene
Concen: 15.742 ng/ul m
RT: 27.568 min Scan# 4179
Delta R.T. 0.035 min
Lab File: BN031709.D
Acq: 30 May 2024 05:47



Tgt Ion:276 Resp: 1667766
Ion Ratio Lower Upper
276 100
138 26.2 18.1 27.1
277 26.7 18.2 27.2





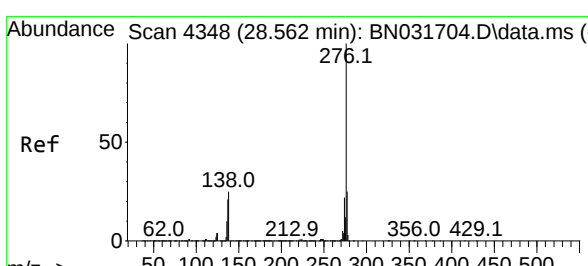
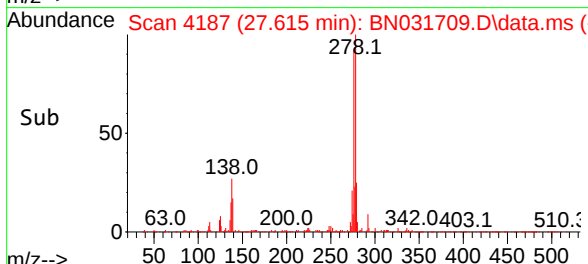
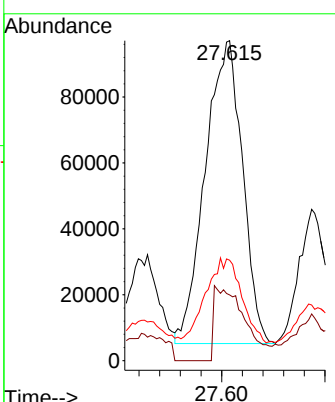
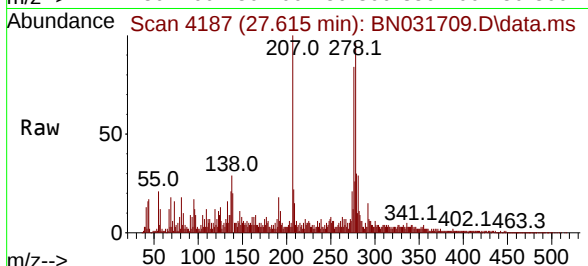
#95
 Dibenzo(a,h)anthracene
 Concen: 5.303 ng/ul
 RT: 27.615 min Scan# 4187
 Delta R.T. 0.012 min
 Lab File: BN031709.D
 Acq: 30 May 2024 05:47

Instrument : BNA_N
 ClientSampleId : BH645

Tgt Ion: 278 Resp: 45868

Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.0	22.6
279	31.4	17.4	26.0

Manual Integrations
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 Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#96
 Benzo(g,h,i)perylene
 Concen: 19.154 ng/ul
 RT: 28.598 min Scan# 4354
 Delta R.T. 0.029 min
 Lab File: BN031709.D
 Acq: 30 May 2024 05:47

Tgt Ion: 276 Resp: 1613151

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.9	31.3
277	24.4	18.0	27.0

