

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031708.D
 Acq On : 30 May 2024 05:08
 Operator : MA/JU
 Sample : P2569-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH644

Manual Integrations
 APPROVED

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

Quant Time: May 30 05:40:41 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	586425	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2520112	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1544570	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2895405	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1697001	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1817369	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	42173	2.975	ng/uL	0.00
4) Pyridine-d5	3.599	84	437253	10.958	ng/u1	0.00
7) Phenol-d5	6.852	99	910456	18.110	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	521809	17.745	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	739158	19.269	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	638579	15.583	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	363155	18.847	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	374704	18.825	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	714842	19.237	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	110505	2.003	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2127093	19.768	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2501091	20.214	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	299688	13.910	ng/u1	0.00
60) Fluorene-d10	15.316	176	1819887	19.989	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	191074	13.129	ng/u1	0.00
73) Anthracene-d10	17.169	188	2533972	20.442	ng/u1	0.00
81) Pyrene-d10	19.463	212	2353706	25.919	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1777205	20.479	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	361881	2.588	ng/u1	98
72) Phenanthrene	17.110	178	2085604	14.140	ng/u1	99
74) Anthracene	17.204	178	576771	3.859	ng/u1	99
77) Carbazole	17.474	167	283676	2.226	ng/u1	97
78) Di-n-butylphthalate	18.045	149	218552	1.247	ng/u1	99
80) Fluoranthene	19.127	202	4888207	45.041	ng/u1	100
82) Pyrene	19.492	202	4421347	39.707	ng/u1	100
85) Benzo(a)anthracene	21.280	228	2399215	21.122	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	200349	2.613	ng/u1	97
87) Chrysene	21.345	228	2256597	21.269	ng/u1	96
90) Benzo(b)fluoranthene	23.309	252	2771012	25.509	ng/u1	97
91) Benzo(k)fluoranthene	23.362	252	972833m	9.127	ng/u1	
93) Benzo(a)pyrene	24.104	252	1994233	19.601	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.550	276	1382814	11.795	ng/u1	97
95) Dibenzo(a,h)anthracene	27.592	278	385178m	4.024	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	1388787	14.902	ng/u1	98

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

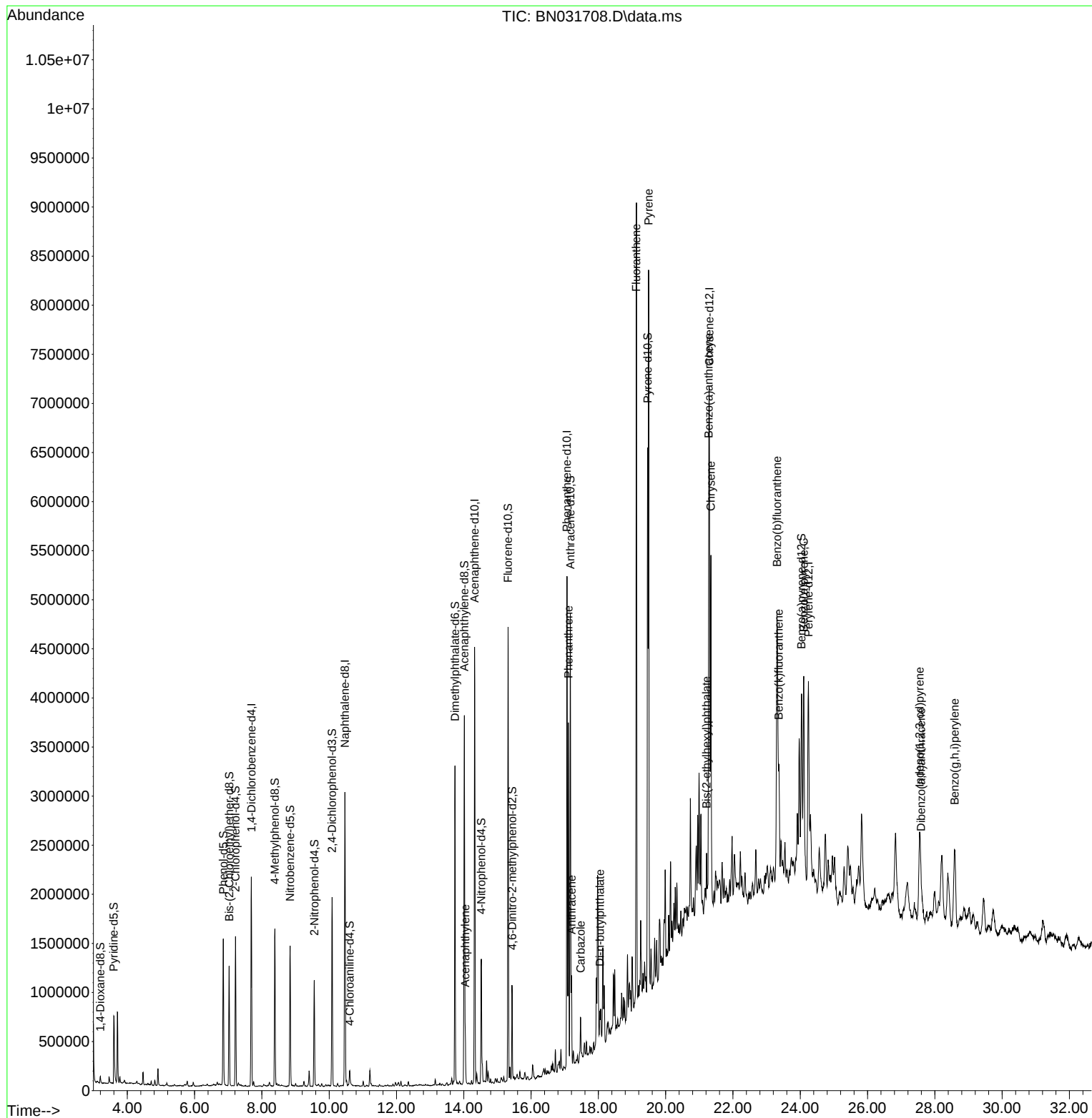
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031708.D
Acq On : 30 May 2024 05:08
Operator : MA/JU
Sample : P2569-04
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ALS Vial : 19 Sample Multiplier: 1

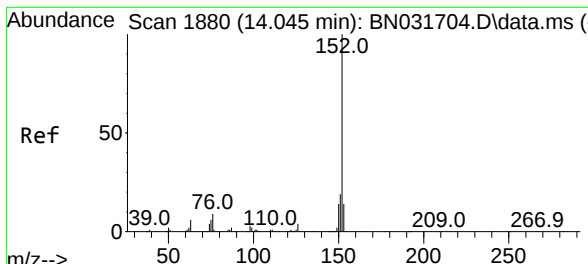
Instrument :
BNA_N
ClientSampleId :
BH644

Quant Time: May 30 05:40:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 05/31/2024





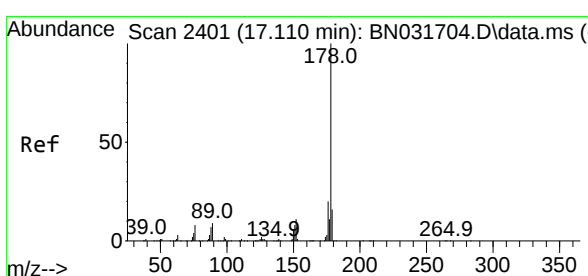
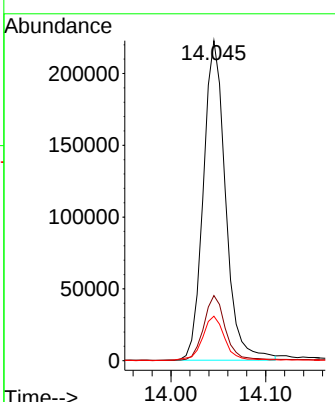
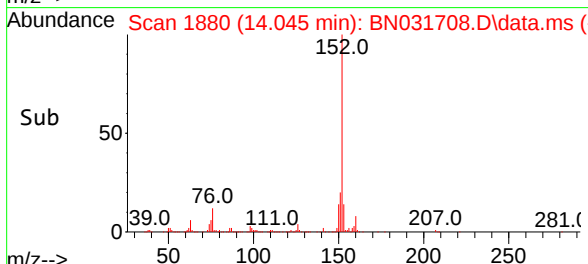
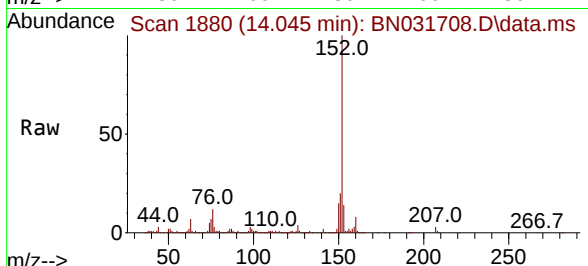
#50
Acenaphthylene
Concen: 2.588 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08

Instrument : BNA_N
ClientSampleId : BH644

Tgt Ion:	152	Resp:	36188
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.9	23.9
153	13.9	10.4	15.6

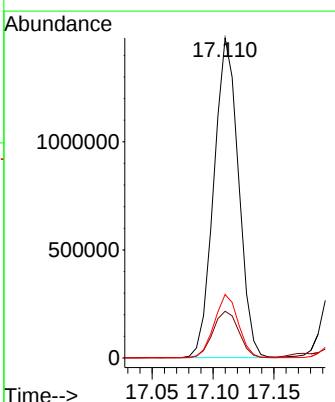
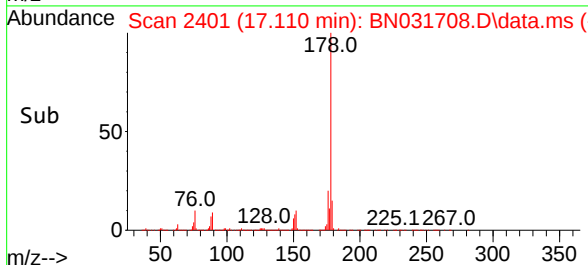
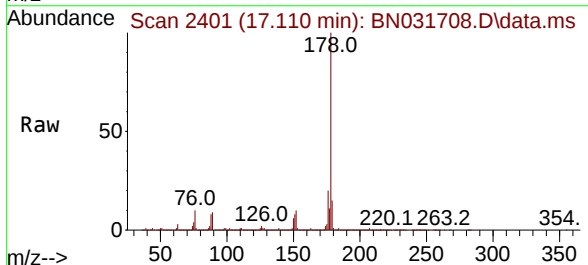
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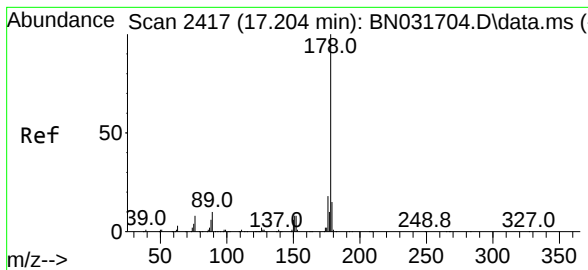
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#72
Phenanthrene
Concen: 14.140 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08

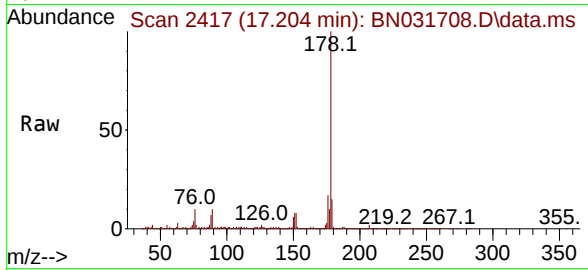
Tgt Ion:	178	Resp:	2085604
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.6	19.0
176	19.8	15.8	23.6





#74
 Anthracene
 Concen: 3.859 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031708.D
 Acq: 30 May 2024 05:08

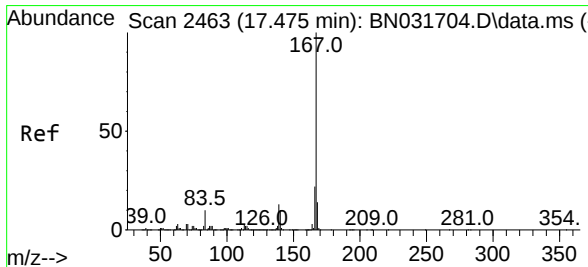
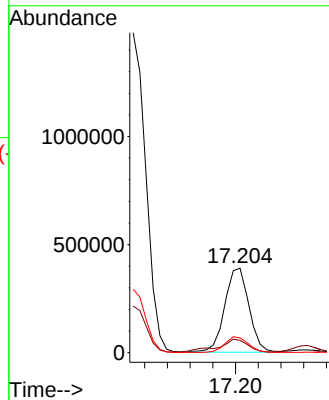
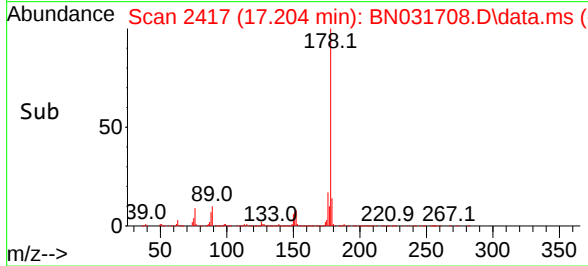
Instrument :
 BNA_N
 ClientSampleId :
 BH644



Tgt Ion:178 Resp: 57677
 Ion Ratio Lower Upper
 178 100
 179 14.6 11.8 17.6
 176 17.5 14.8 22.2

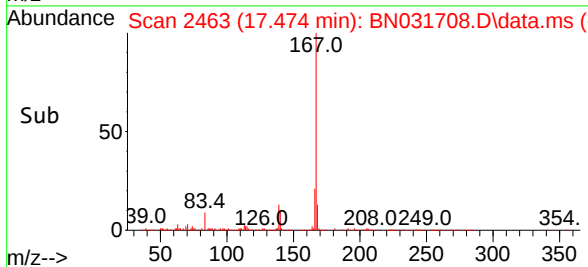
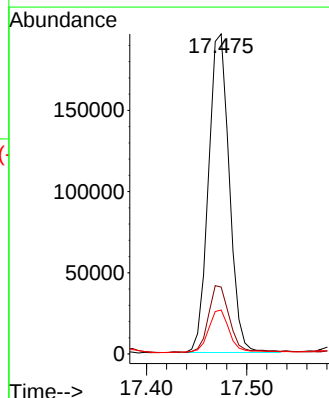
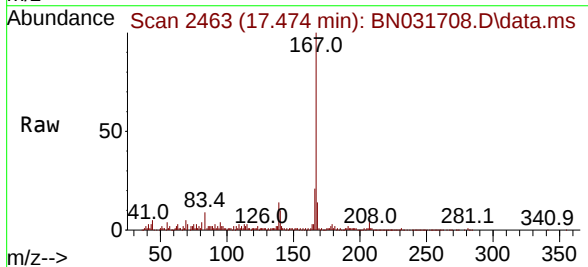
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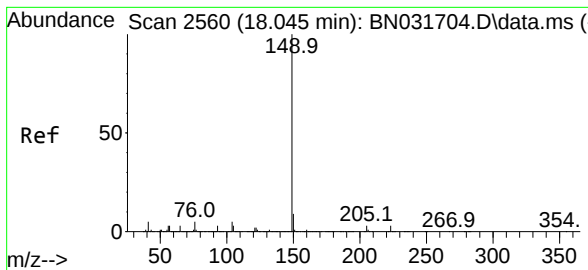
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#77
 Carbazole
 Concen: 2.226 ng/ul
 RT: 17.474 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031708.D
 Acq: 30 May 2024 05:08

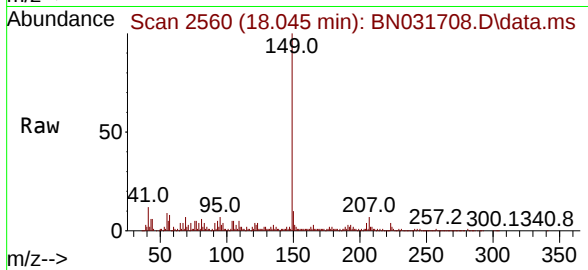
Tgt Ion:167 Resp: 283676
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.9 26.9
 139 13.7 10.5 15.7





#78
Di-n-butylphthalate
Concen: 1.247 ng/ul
RT: 18.045 min Scan# 218552
Delta R.T. -0.000 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08

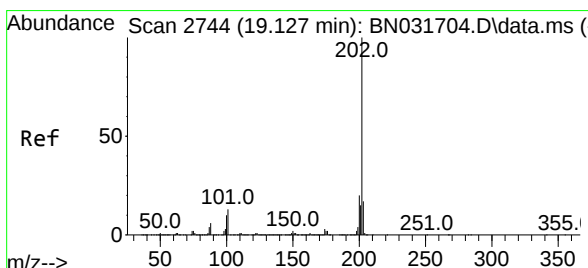
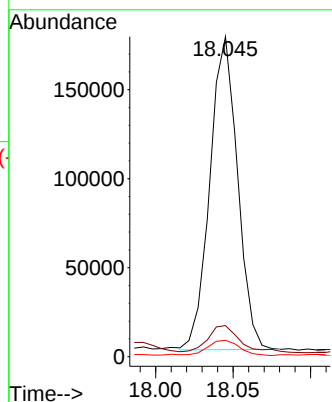
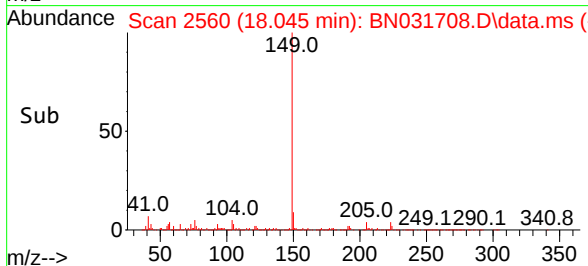
Instrument : BNA_N
ClientSampleId : BH644



Tgt Ion:149 Resp: 218552
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.0
104 5.1 4.1 6.1

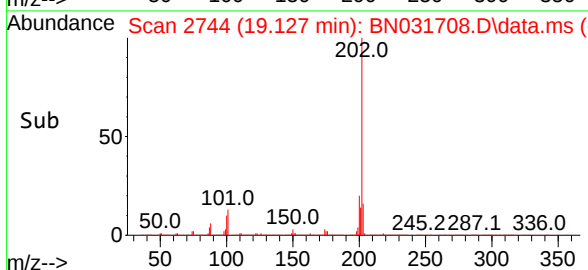
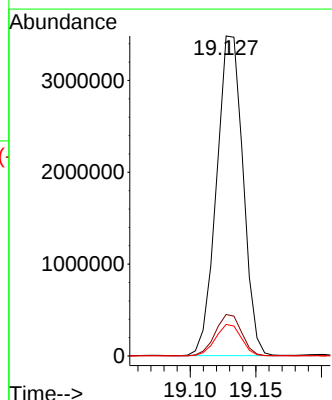
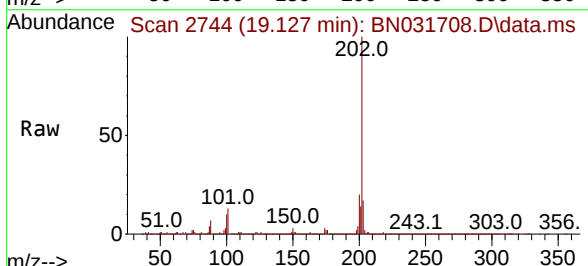
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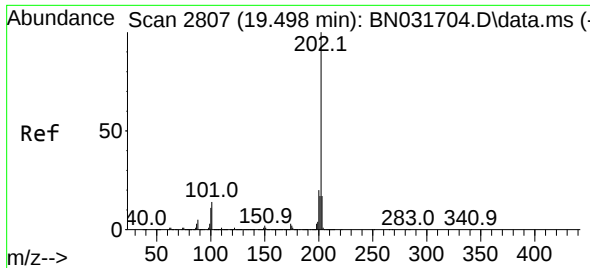
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#80
Fluoranthene
Concen: 45.041 ng/ul
RT: 19.127 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08

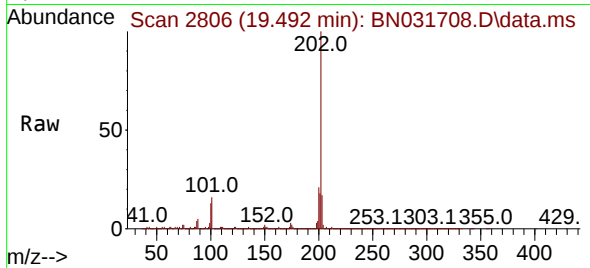
Tgt Ion:202 Resp: 4888207
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 9.8 8.0 12.0





#82
 Pyrene
 Concen: 39.707 ng/ul
 RT: 19.492 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN031708.D
 Acq: 30 May 2024 05:08

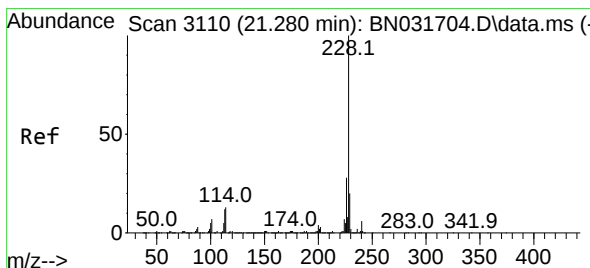
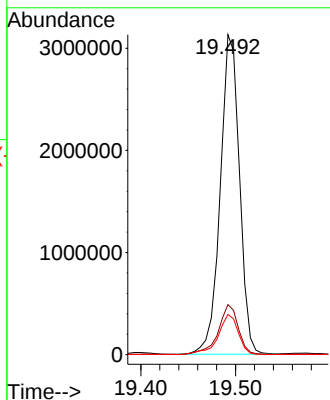
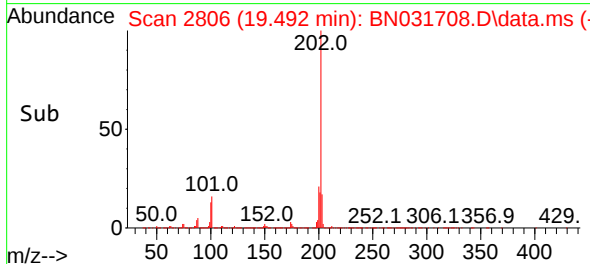
Instrument :
 BNA_N
 ClientSampleId :
 BH644



Tgt Ion:202 Resp: 442134
 Ion Ratio Lower Upper
 202 100
 101 15.7 12.6 18.8
 100 12.6 10.2 15.2

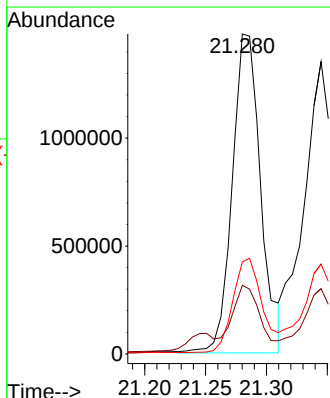
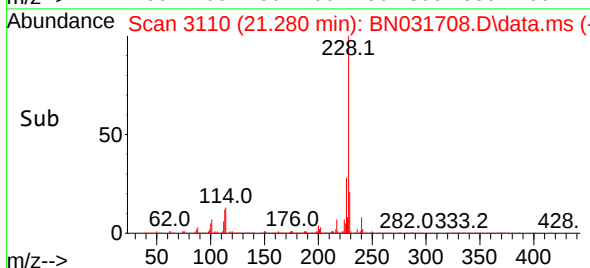
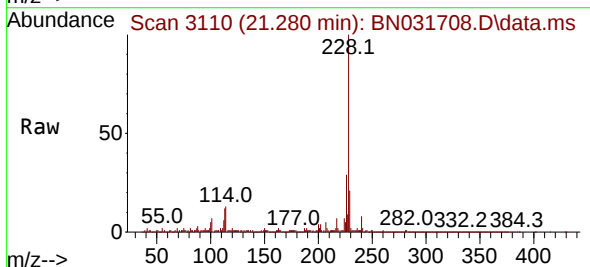
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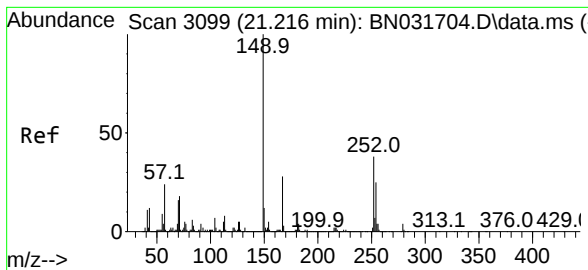
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#85
 Benzo(a)anthracene
 Concen: 21.122 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031708.D
 Acq: 30 May 2024 05:08

Tgt Ion:228 Resp: 2399215
 Ion Ratio Lower Upper
 228 100
 229 21.4 16.7 25.1
 226 28.7 22.8 34.2





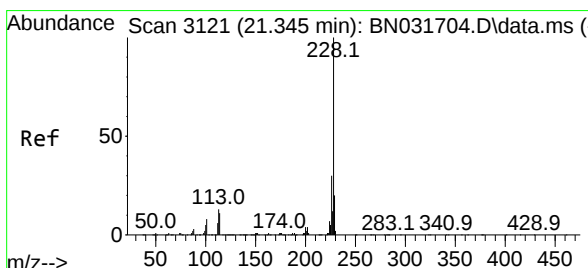
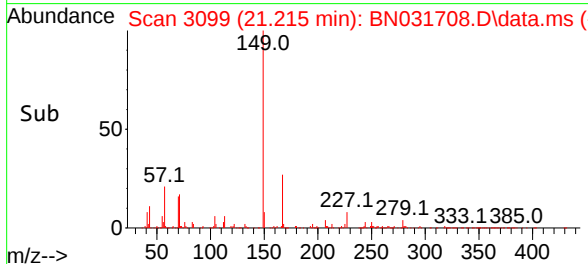
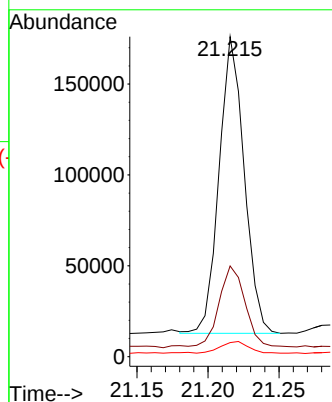
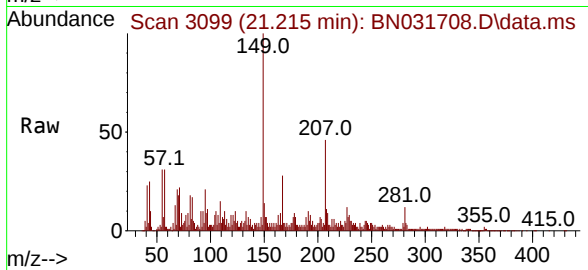
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.613 ng/ul
RT: 21.215 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08

Instrument :
BNA_N
ClientSampleId :
BH644

Tgt Ion:149 Resp: 200349
Ion Ratio Lower Upper
149 100
167 28.3 21.4 32.0
279 4.4 3.3 4.9

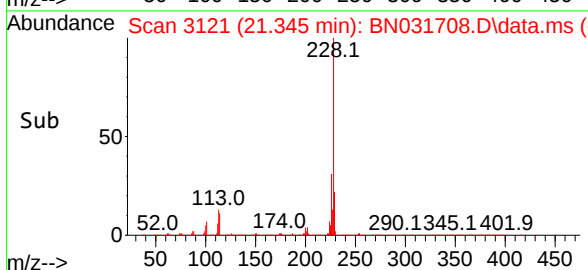
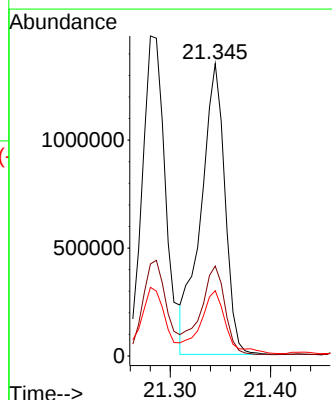
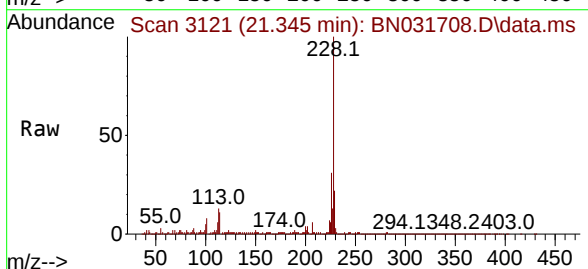
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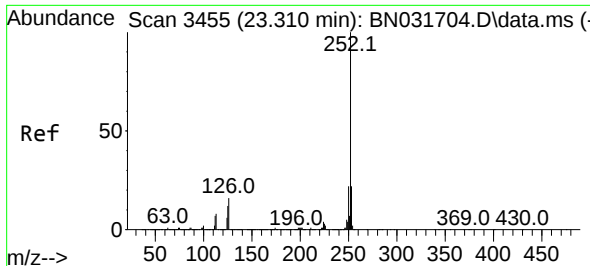
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#87
Chrysene
Concen: 21.269 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08

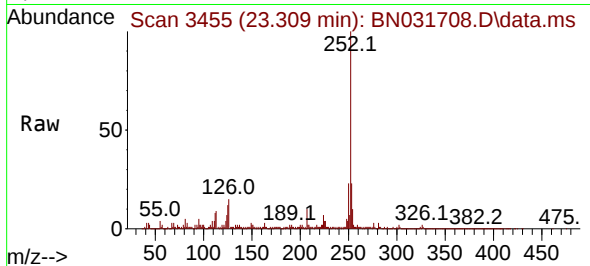
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Ion Ratio Lower Upper
228 100
226 30.7 23.7 35.5
229 22.3 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 25.509 ng/ul
RT: 23.309 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08

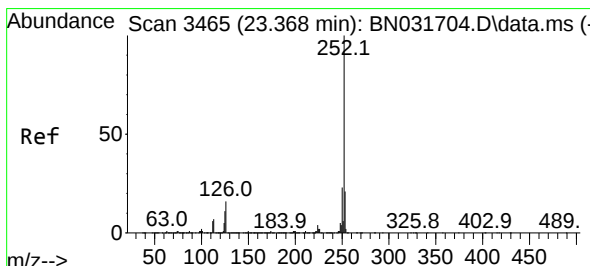
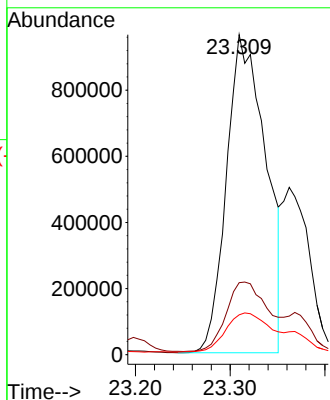
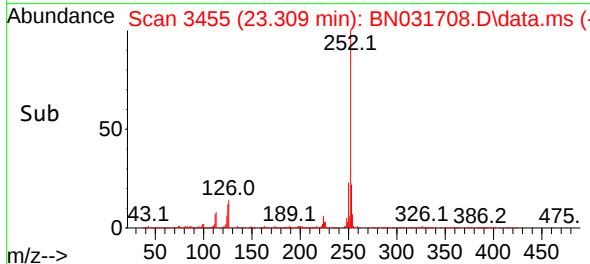
Instrument :
BNA_N
ClientSampleId :
BH644



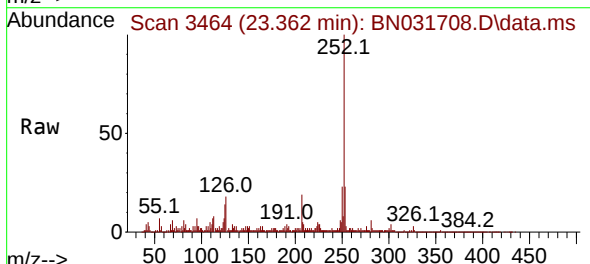
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Ion Ratio Lower Upper
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253 22.5 17.0 25.6
125 12.4 9.2 13.8

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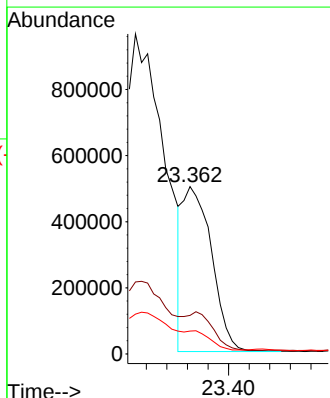
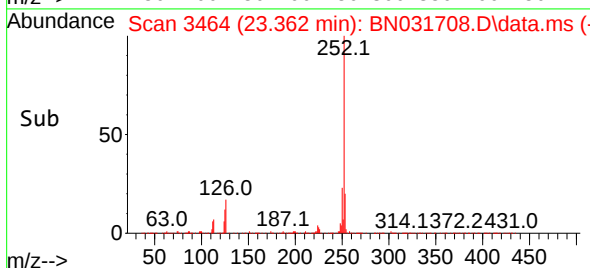
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

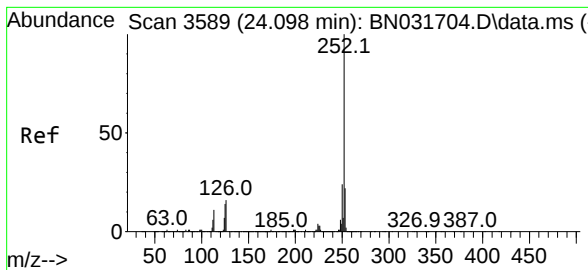


#91
Benzo(k)fluoranthene
Concen: 9.127 ng/ul m
RT: 23.362 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08



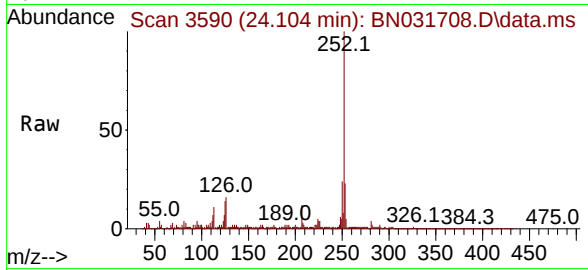
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Ion Ratio Lower Upper
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125 13.7 9.4 14.2





#93
Benzo(a)pyrene
Concen: 19.601 ng/ul
RT: 24.104 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08

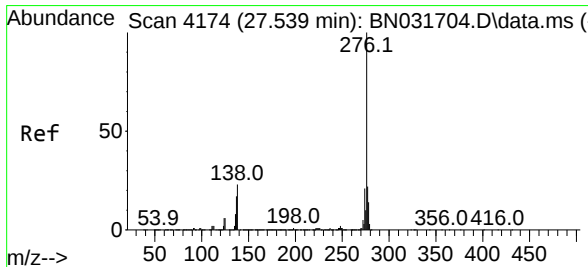
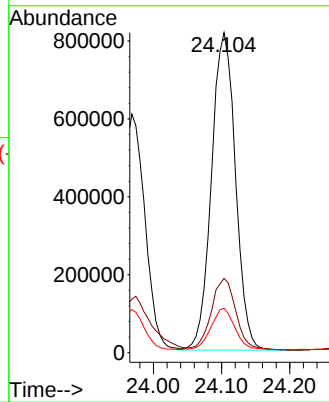
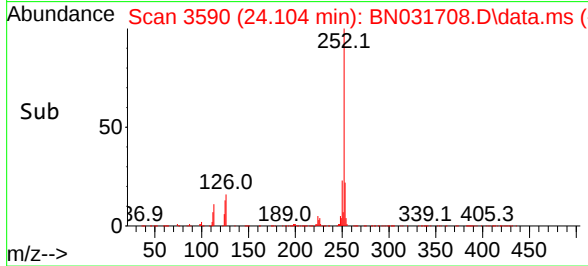
Instrument :
BNA_N
ClientSampleId :
BH644



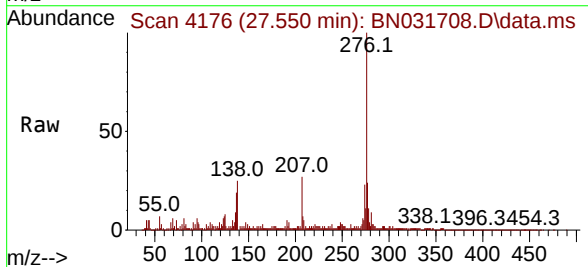
Tgt Ion:252 Resp: 1994233
Ion Ratio Lower Upper
252 100
253 23.2 16.6 24.8
125 13.9 9.8 14.8

Manual Integrations
APPROVED

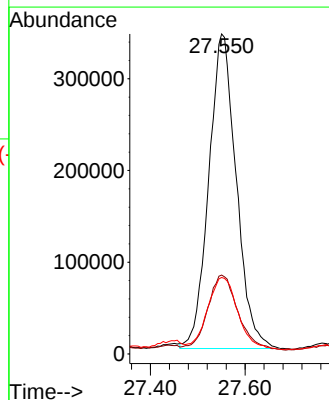
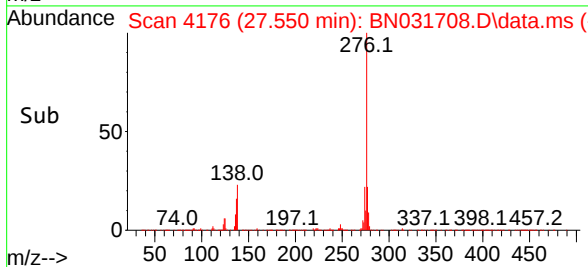
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

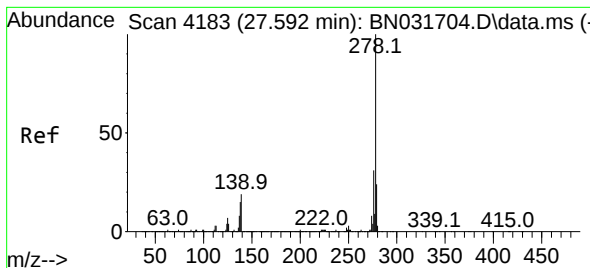


#94
Indeno(1,2,3-cd)pyrene
Concen: 11.795 ng/ul
RT: 27.550 min Scan# 4176
Delta R.T. 0.017 min
Lab File: BN031708.D
Acq: 30 May 2024 05:08



Tgt Ion:276 Resp: 1382814
Ion Ratio Lower Upper
276 100
138 24.7 18.1 27.1
277 23.9 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 4.024 ng/ul m

RT: 27.592 min Scan# 4183

Delta R.T. -0.012 min

Lab File: BN031708.D

Acq: 30 May 2024 05:08

Instrument :

BNA_N

ClientSampleId :

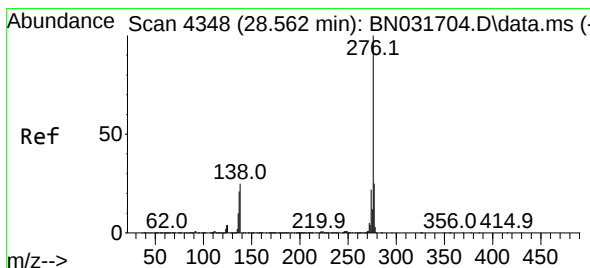
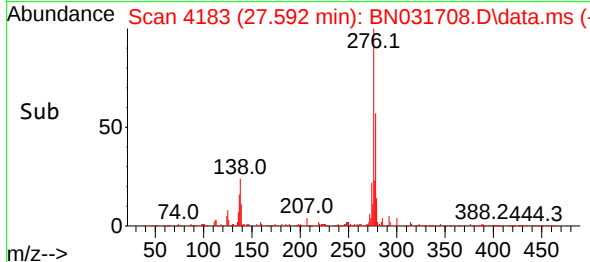
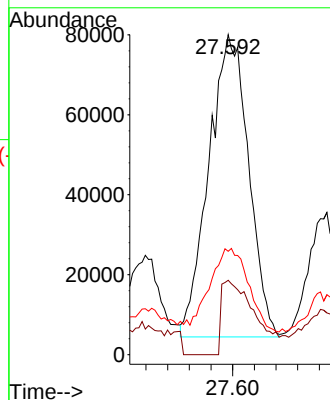
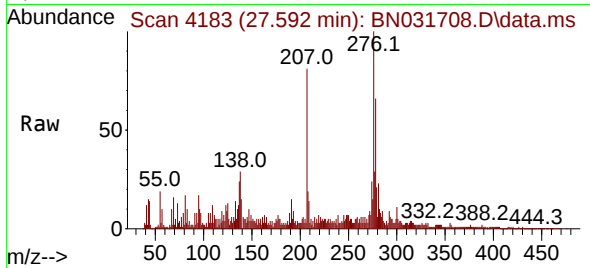
BH644

Tgt Ion:	278	Resp:	385178
Ion Ratio	Lower	Upper	
278	100		
139	23.2	15.0	22.6
279	32.3	17.4	26.0

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 14.902 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. 0.023 min

Lab File: BN031708.D

Acq: 30 May 2024 05:08

Tgt Ion:	276	Resp:	1388787
Ion Ratio	Lower	Upper	
276	100		
138	26.2	20.9	31.3
277	24.0	18.0	27.0

