

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031707.D
 Acq On : 30 May 2024 04:29
 Operator : MA/JU
 Sample : P2569-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5R6

Manual Integrations
 APPROVED

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

Quant Time: May 30 04:58:39 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	464618	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2004106	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1269974	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2595923	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2055154	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1911481	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	48502	4.319	ng/uL	0.00
4) Pyridine-d5	3.599	84	636772	20.142	ng/u1	0.00
7) Phenol-d5	6.852	99	992437	24.916	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	576066	24.726	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	789199	25.968	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	804481	24.778	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	400234	26.119	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	406557	25.685	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	774492	26.209	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	941340	21.455	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2486036	28.099	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2874187	28.253	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	393303	22.202	ng/u1	0.00
60) Fluorene-d10	15.322	176	2111946	28.212	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	258339	19.799	ng/u1	0.00
73) Anthracene-d10	17.169	188	3212818	28.908	ng/u1	0.00
81) Pyrene-d10	19.463	212	3622788	32.942	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2750953	30.140	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.516	128	169761	1.637	ng/u1	99
52) Acenaphthene	14.387	153	147598	1.940	ng/u1	97
56) Dibenzofuran	14.722	168	114880	1.112	ng/u1	99
61) Fluorene	15.375	166	98581	1.184	ng/u1	97
72) Phenanthrene	17.110	178	2185168	16.524	ng/u1	99
74) Anthracene	17.198	178	365289	2.726	ng/u1	99
77) Carbazole	17.475	167	298528	2.613	ng/u1	98
80) Fluoranthene	19.128	202	3466264	26.373	ng/u1	99
82) Pyrene	19.492	202	2917835	21.638	ng/u1	100
85) Benzo(a)anthracene	21.280	228	1551944	11.282	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	222454	2.396	ng/u1	100
87) Chrysene	21.345	228	1711694	13.322	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	2179598	19.077	ng/u1	99
91) Benzo(k)fluoranthene	23.363	252	684703m	6.107	ng/u1	
93) Benzo(a)pyrene	24.092	252	1377972	12.877	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.521	276	903727	7.329	ng/u1	94
95) Dibenzo(a,h)anthracene	27.574	278	225271m	2.238	ng/u1	
96) Benzo(g,h,i)perylene	28.557	276	835215	8.521	ng/u1	98

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

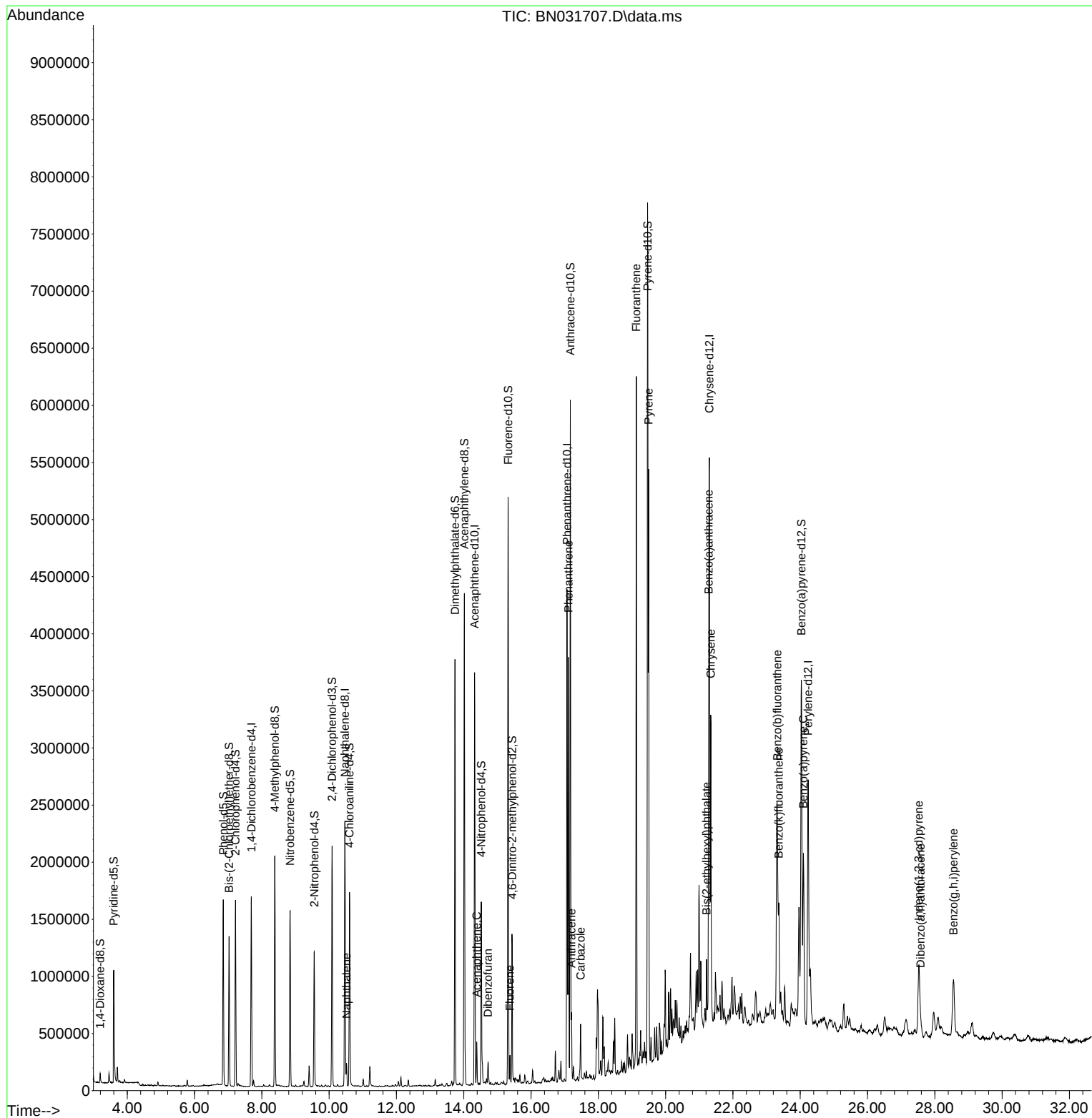
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031707.D
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 Operator : MA/JU
 Sample : P2569-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

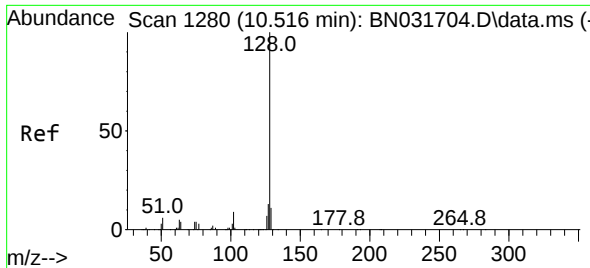
Instrument :
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 Supervised By :mohammad ahmed 05/31/2024

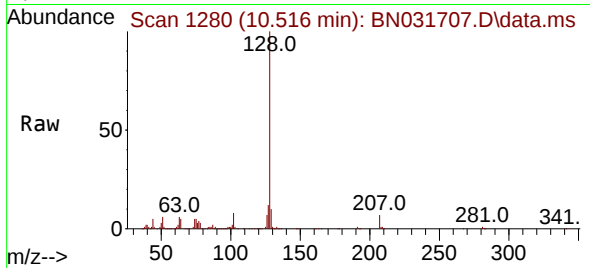
Quant Time: May 30 04:58:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 1.637 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BN031707.D
Acq: 30 May 2024 04:29

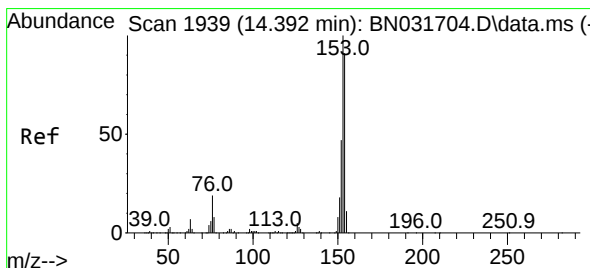
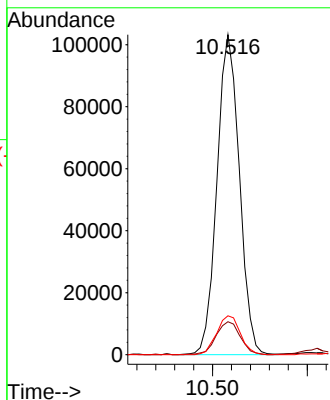
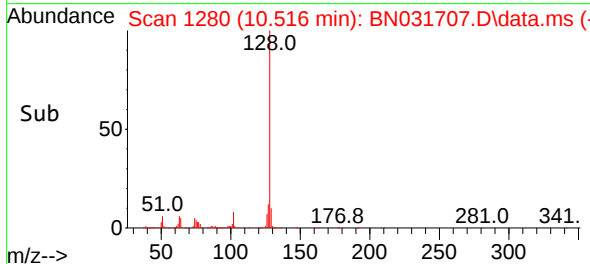
Instrument :
BNA_N
ClientSampleId :
BH5R6



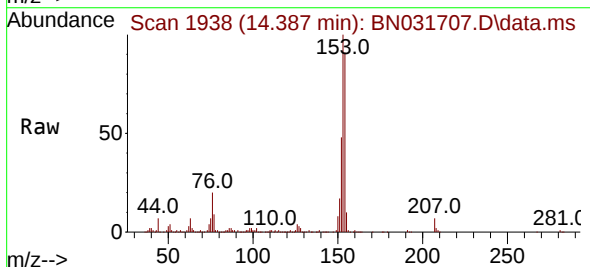
Tgt Ion:128 Resp: 16976
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 12.1 10.3 15.5

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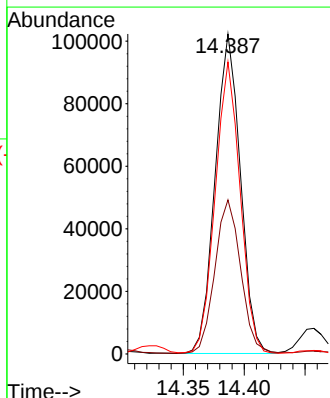
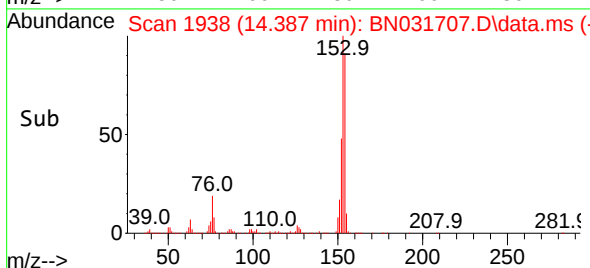
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

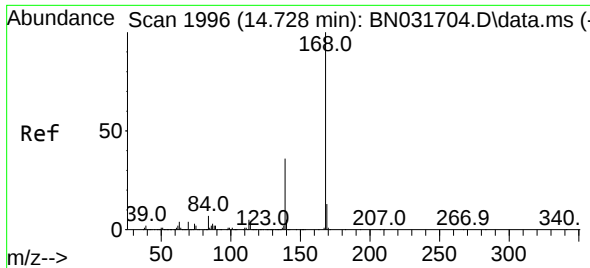


#52
Acenaphthene
Concen: 1.940 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BN031707.D
Acq: 30 May 2024 04:29



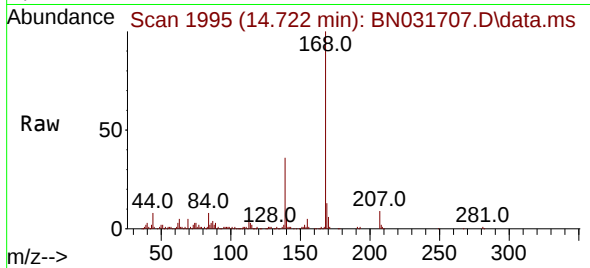
Tgt Ion:153 Resp: 147598
Ion Ratio Lower Upper
153 100
152 48.2 37.8 56.6
154 91.3 69.8 104.8





#56
Dibenzenofuran
Concen: 1.112 ng/ul
RT: 14.722 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BN031707.D
Acq: 30 May 2024 04:29

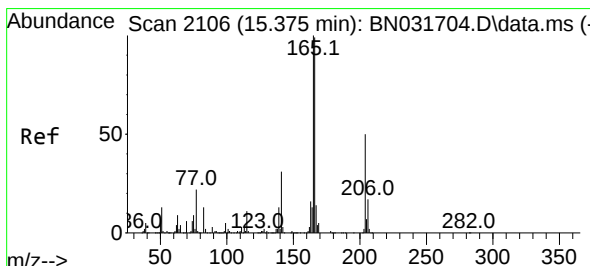
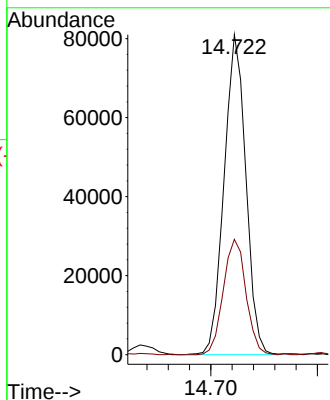
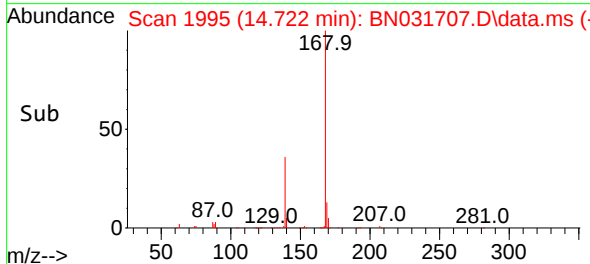
Instrument :
BNA_N
ClientSampleId :
BH5R6



Tgt Ion:168 Resp: 114880
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.0

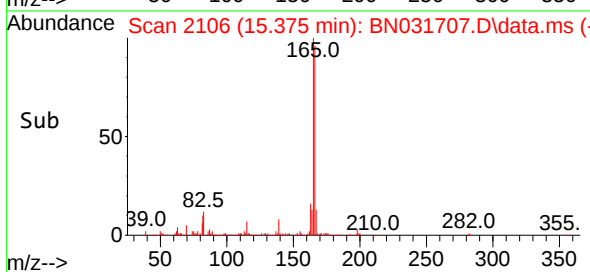
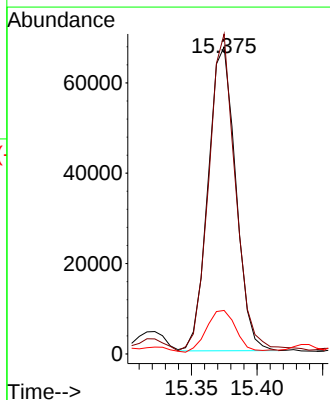
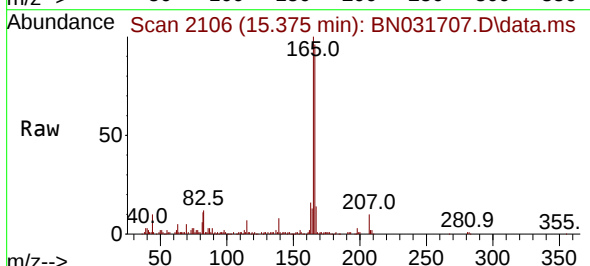
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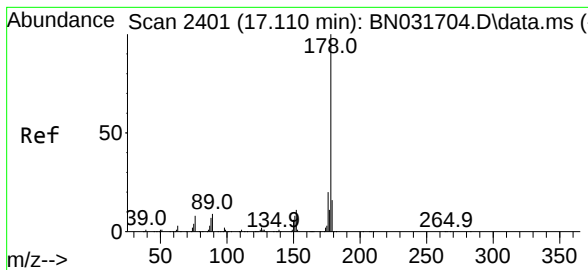
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#61
Fluorene
Concen: 1.184 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN031707.D
Acq: 30 May 2024 04:29

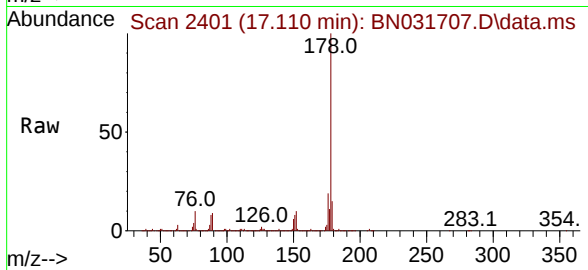
Tgt Ion:166 Resp: 98581
Ion Ratio Lower Upper
166 100
165 104.2 80.3 120.5
167 14.2 11.3 16.9





#72
 Phenanthrene
 Concen: 16.524 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031707.D
 Acq: 30 May 2024 04:29

Instrument : BNA_N
 ClientSampleId : BH5R6

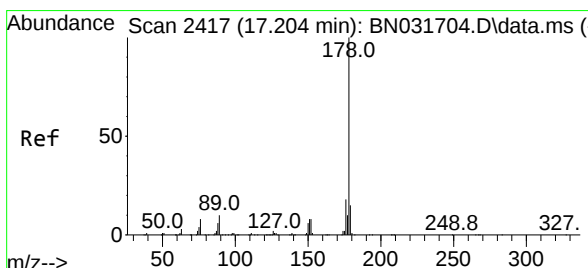
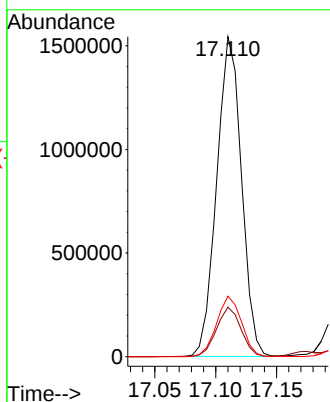
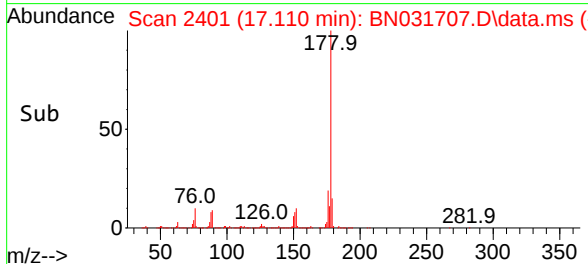


Tgt Ion:178 Resp: 2185168

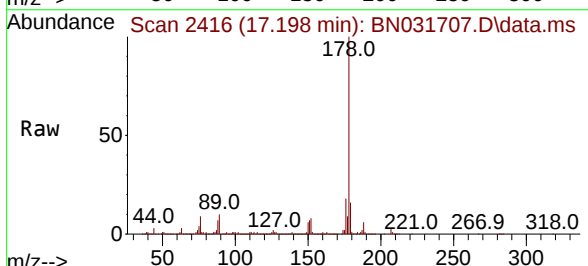
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.9	15.8	23.6

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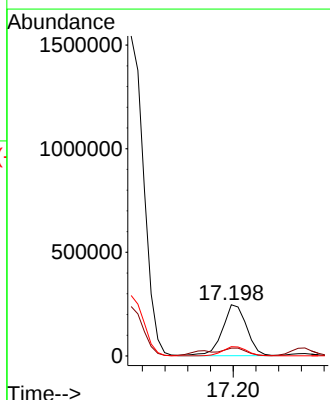
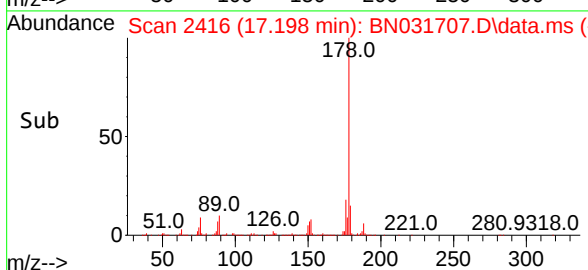


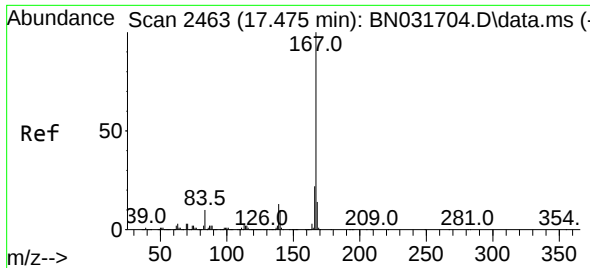
#74
 Anthracene
 Concen: 2.726 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031707.D
 Acq: 30 May 2024 04:29



Tgt Ion:178 Resp: 365289

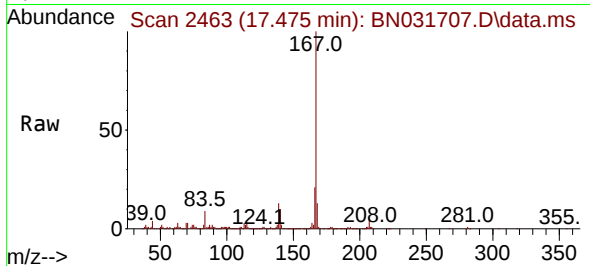
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.6
176	18.1	14.8	22.2





#77
 Carbazole
 Concen: 2.613 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031707.D
 Acq: 30 May 2024 04:29

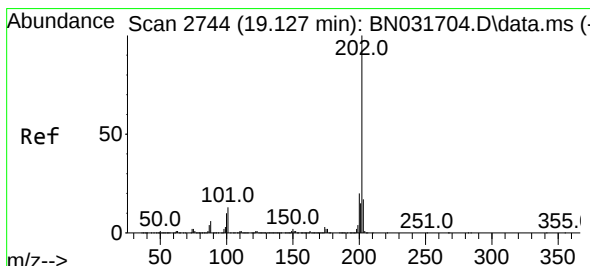
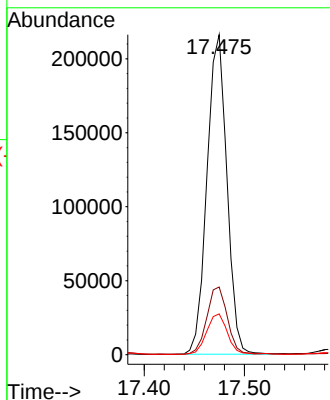
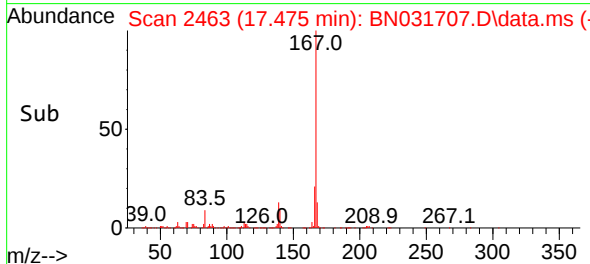
Instrument :
 BNA_N
 ClientSampleId :
 BH5R6



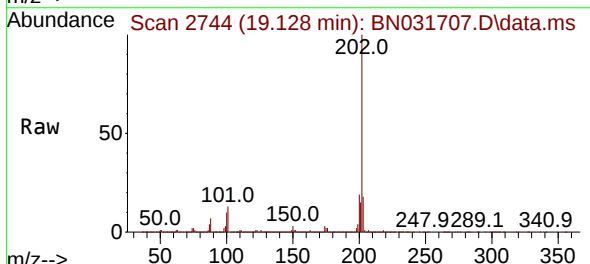
Tgt Ion:167 Resp: 298528
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.9 26.9
 139 12.7 10.5 15.7

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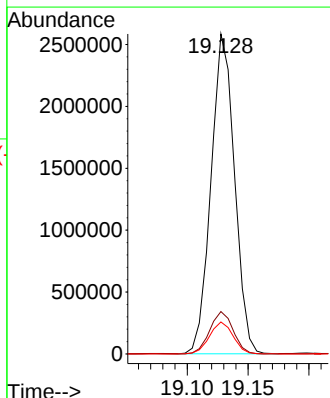
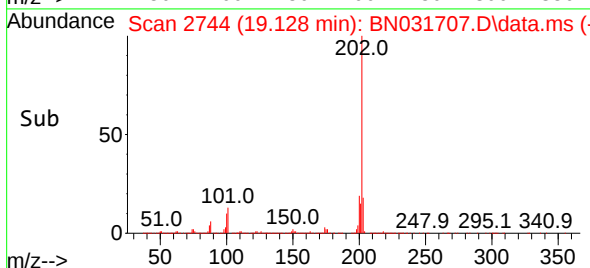
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

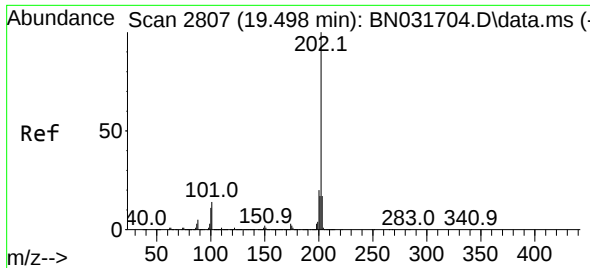


#80
 Fluoranthene
 Concen: 26.373 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031707.D
 Acq: 30 May 2024 04:29



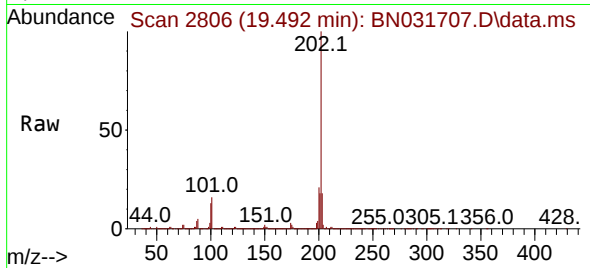
Tgt Ion:202 Resp: 3466264
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.3 15.5
 100 10.0 8.0 12.0





#82
 Pyrene
 Concen: 21.638 ng/ul
 RT: 19.492 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: BN031707.D
 Acq: 30 May 2024 04:29

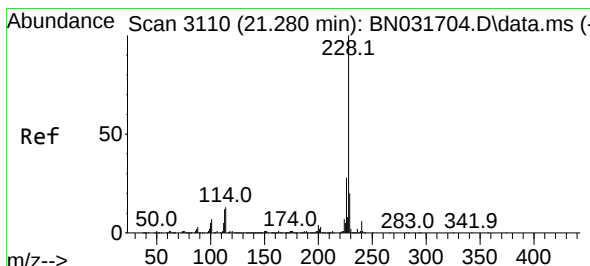
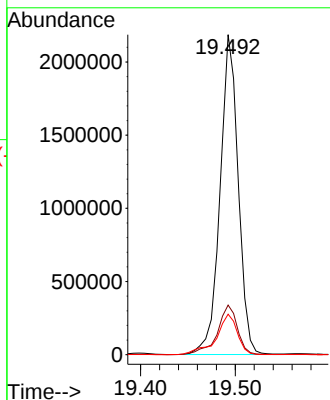
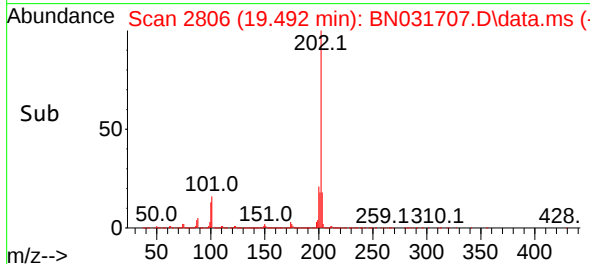
Instrument :
 BNA_N
 ClientSampleId :
 BH5R6



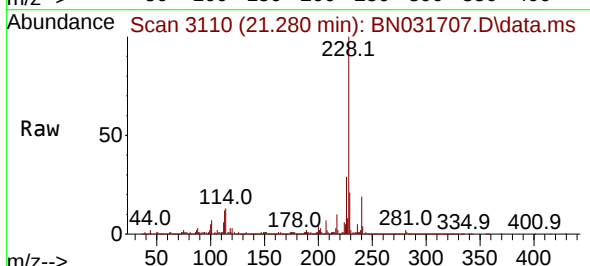
Tgt Ion:202 Resp: 2917835
 Ion Ratio Lower Upper
 202 100
 101 15.5 12.6 18.8
 100 12.7 10.2 15.2

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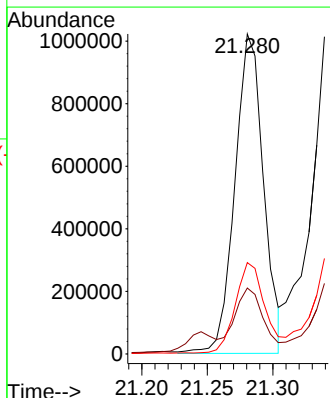
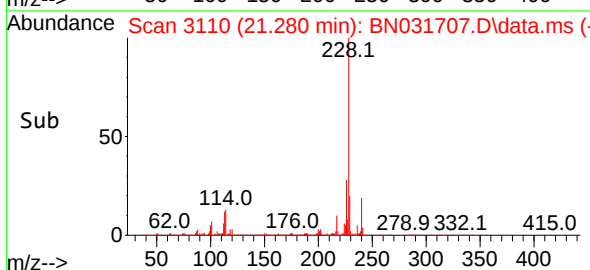
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

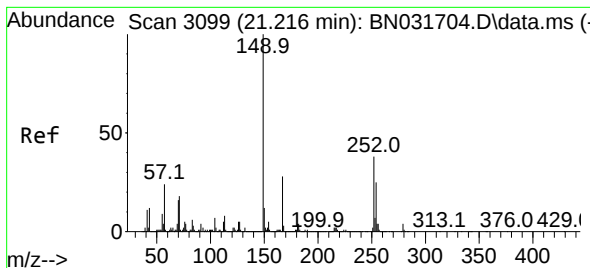


#85
 Benzo(a)anthracene
 Concen: 11.282 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031707.D
 Acq: 30 May 2024 04:29



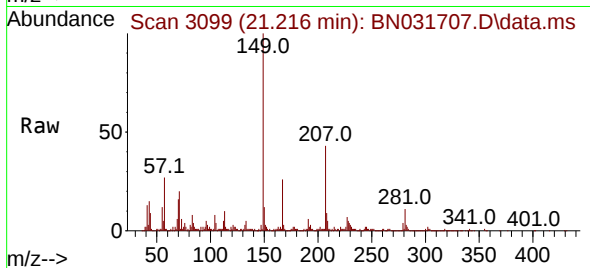
Tgt Ion:228 Resp: 1551944
 Ion Ratio Lower Upper
 228 100
 229 20.6 16.7 25.1
 226 28.6 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.396 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031707.D
Acq: 30 May 2024 04:29

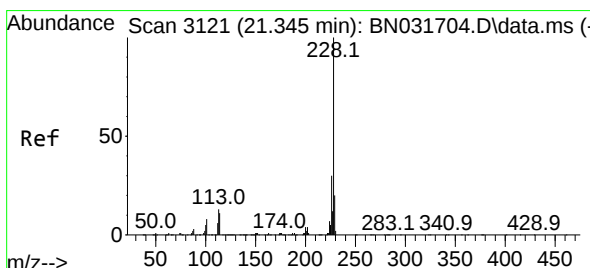
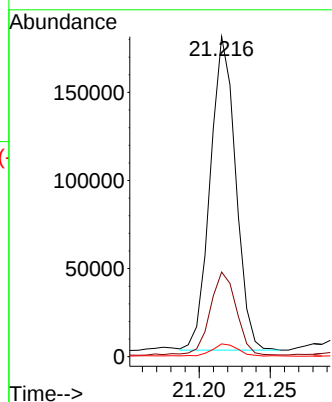
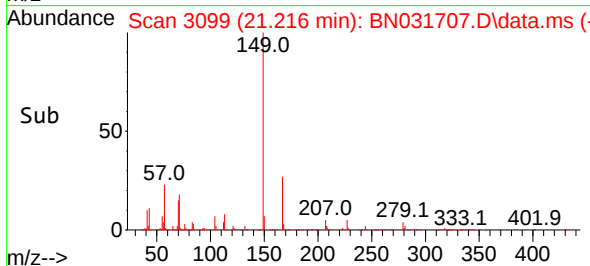
Instrument :
BNA_N
ClientSampleId :
BH5R6



Tgt Ion:149 Resp: 222454
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.0 3.3 4.9

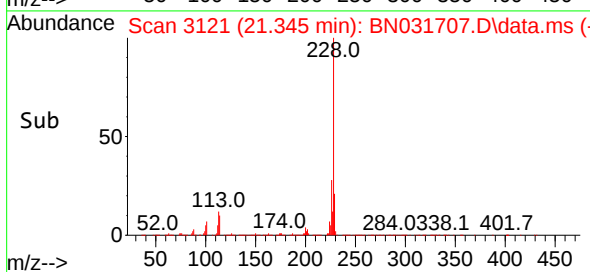
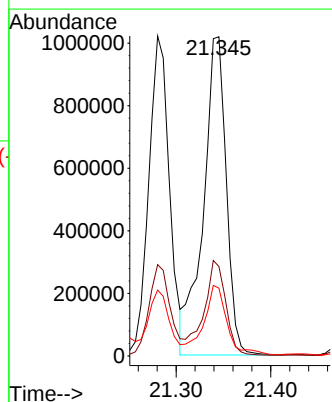
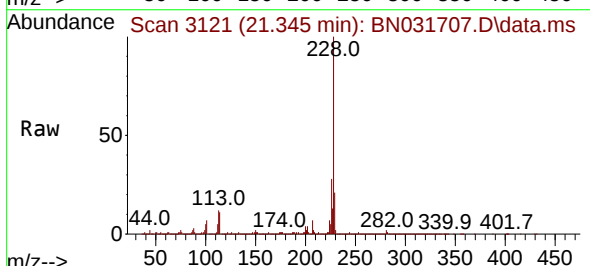
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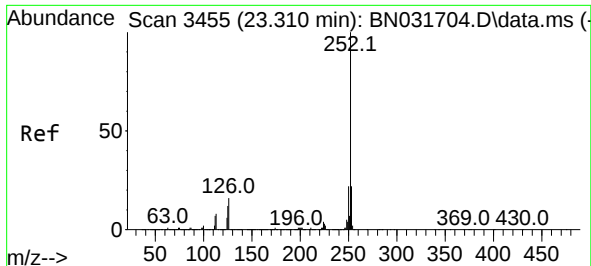
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#87
Chrysene
Concen: 13.322 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031707.D
Acq: 30 May 2024 04:29

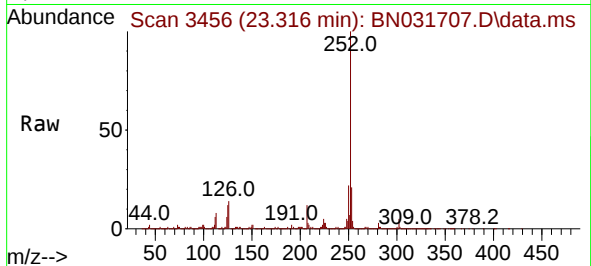
Tgt Ion:228 Resp: 1711694
Ion Ratio Lower Upper
228 100
226 28.0 23.7 35.5
229 21.2 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 19.077 ng/ul
RT: 23.316 min Scan# 3455
Delta R.T. 0.006 min
Lab File: BN031707.D
Acq: 30 May 2024 04:29

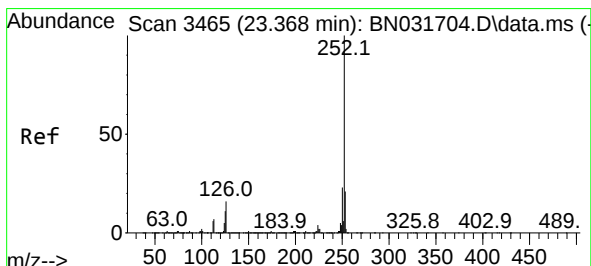
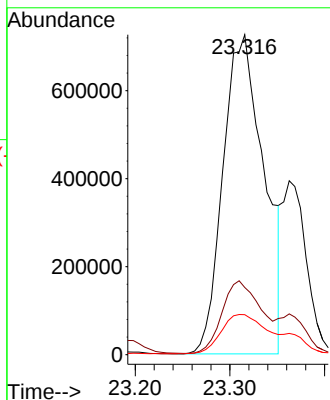
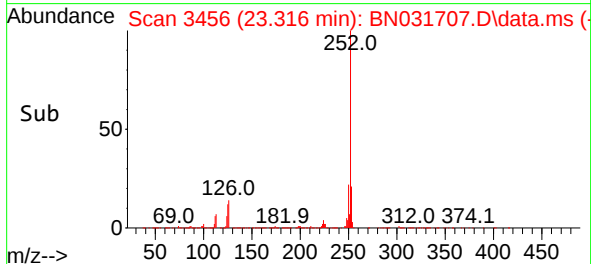
Instrument :
BNA_N
ClientSampleId :
BH5R6



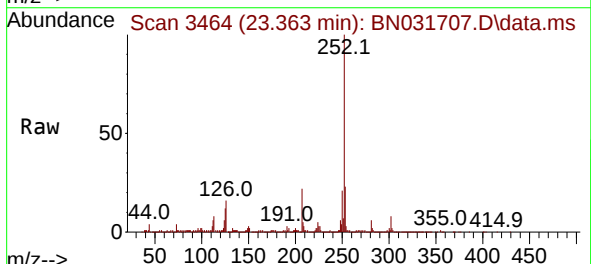
Tgt Ion:252 Resp: 2179598
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 12.5 9.2 13.8

Manual Integrations
APPROVED

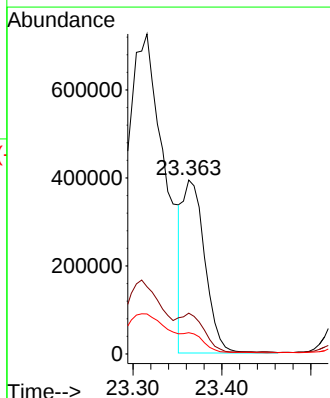
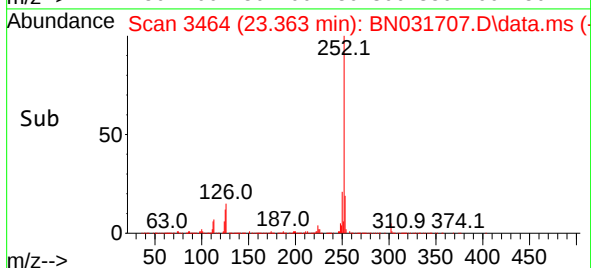
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

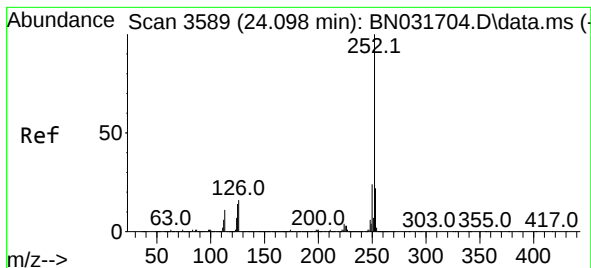


#91
Benzo(k)fluoranthene
Concen: 6.107 ng/ul m
RT: 23.363 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BN031707.D
Acq: 30 May 2024 04:29



Tgt Ion:252 Resp: 684703
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 12.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 12.877 ng/ul

RT: 24.092 min Scan# 3

Delta R.T. -0.012 min

Lab File: BN031707.D

Acq: 30 May 2024 04:29

Instrument :

BNA_N

ClientSampleId :

BH5R6

Tgt Ion:252 Resp: 137797

Ion Ratio Lower Upper

252 100

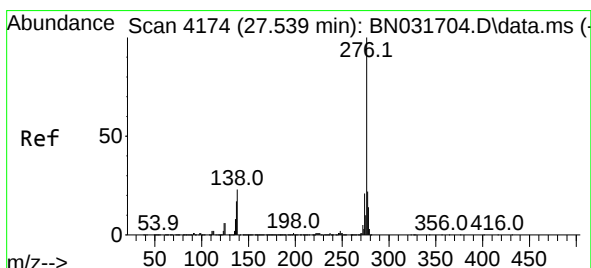
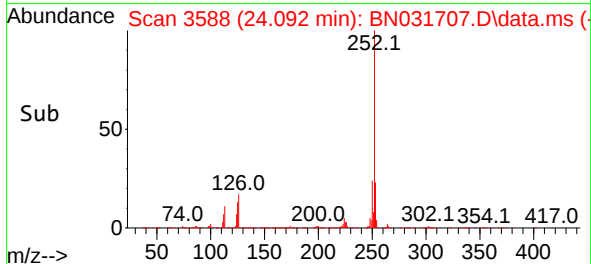
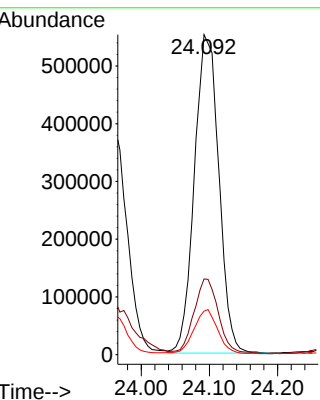
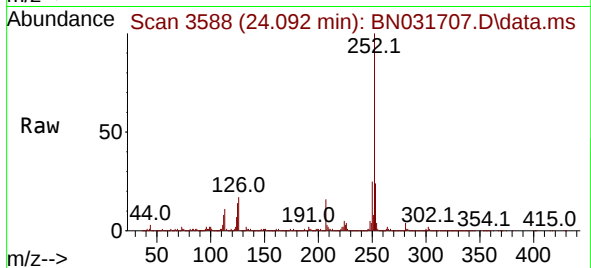
253 23.6 16.6 24.8

125 13.6 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: 7.329 ng/ul

RT: 27.521 min Scan# 4171

Delta R.T. -0.012 min

Lab File: BN031707.D

Acq: 30 May 2024 04:29

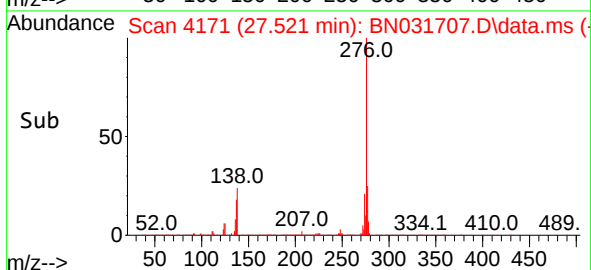
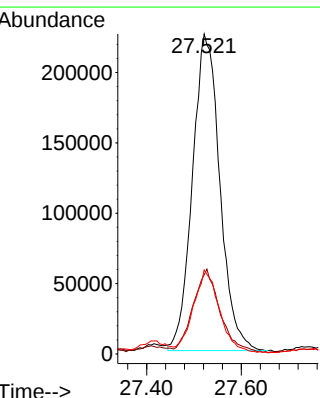
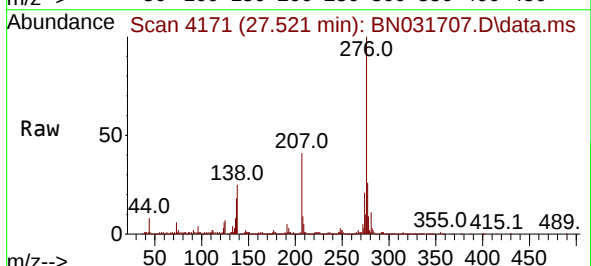
Tgt Ion:276 Resp: 903727

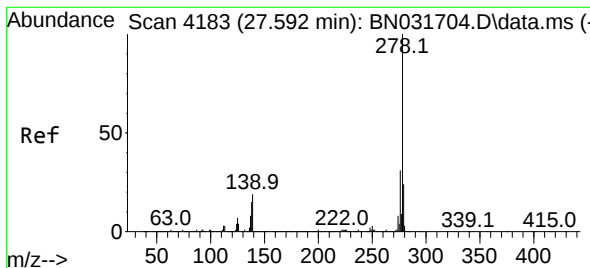
Ion Ratio Lower Upper

276 100

138 24.7 18.1 27.1

277 26.3 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 2.238 ng/ul m

RT: 27.574 min Scan# 4183

Delta R.T. -0.029 min

Lab File: BN031707.D

Acq: 30 May 2024 04:29

Instrument :

BNA_N

ClientSampleId :

BH5R6

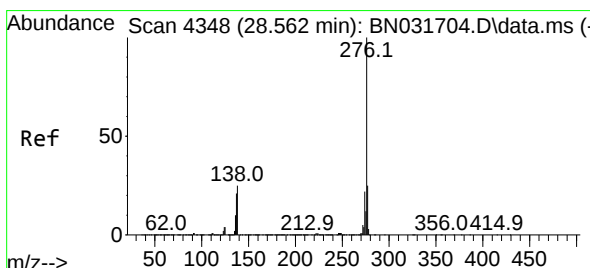
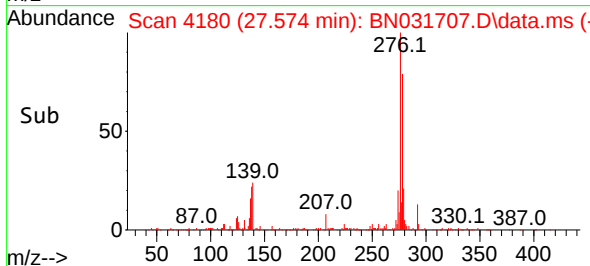
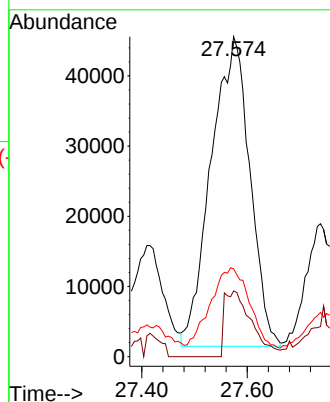
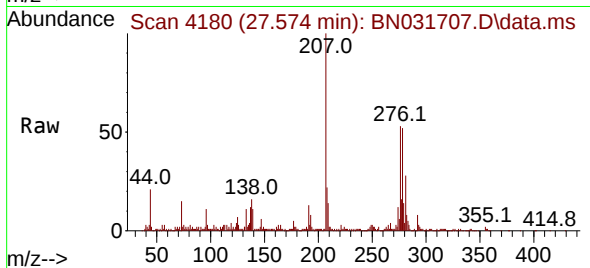
Tgt Ion:278 Resp: 22527

Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.0	22.6
279	27.5	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: 8.521 ng/ul

RT: 28.557 min Scan# 4347

Delta R.T. -0.012 min

Lab File: BN031707.D

Acq: 30 May 2024 04:29

Tgt Ion:276 Resp: 835215

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.9	31.3
277	24.0	18.0	27.0

