

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031729.D
 Acq On : 30 May 2024 23:34
 Operator : MA/JU
 Sample : P2549-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH621

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 00:06:29 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	443422	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2048071	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1319369	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2704128	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1830794	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1631935	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	52778	4.924	ng/uL	0.00
4) Pyridine-d5	3.593	84	582747	19.314	ng/u1	0.00
7) Phenol-d5	6.852	99	1062634	27.954	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	596977	26.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	827662	28.535	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	863083	27.853	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	429969	27.457	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	457483	28.281	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	812749	26.913	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	804488	17.942	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2567881	27.938	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2970310	28.104	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	471388	25.614	ng/u1	0.00
60) Fluorene-d10	15.322	176	2204329	28.344	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	306021	22.514	ng/u1	0.00
73) Anthracene-d10	17.175	188	3264413	28.197	ng/u1	0.00
81) Pyrene-d10	19.469	212	3524237	35.973	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2282600	29.292	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	203509	1.704	ng/u1	98
72) Phenanthrene	17.116	178	1584510	11.503	ng/u1	98
74) Anthracene	17.210	178	265701	1.904	ng/u1	99
77) Carbazole	17.480	167	144881	1.217	ng/u1	98
80) Fluoranthene	19.139	202	3824288	32.663	ng/u1	99
82) Pyrene	19.504	202	3645364	30.346	ng/u1	98
83) Butylbenzylphthalate	20.410	149	108483	1.912	ng/u1	96
85) Benzo(a)anthracene	21.292	228	1622117	13.237	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	617801	7.470	ng/u1	98
87) Chrysene	21.351	228	1769646	15.460	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	1835004	18.812	ng/u1	99
91) Benzo(k)fluoranthene	23.380	252	778771m	8.136	ng/u1	
93) Benzo(a)pyrene	24.115	252	1317695	14.423	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.556	276	888887	8.443	ng/u1	98
95) Dibenzo(a,h)anthracene	27.598	278	232658m	2.707	ng/u1	
96) Benzo(g,h,i)perylene	28.580	276	816343	9.755	ng/u1	98

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

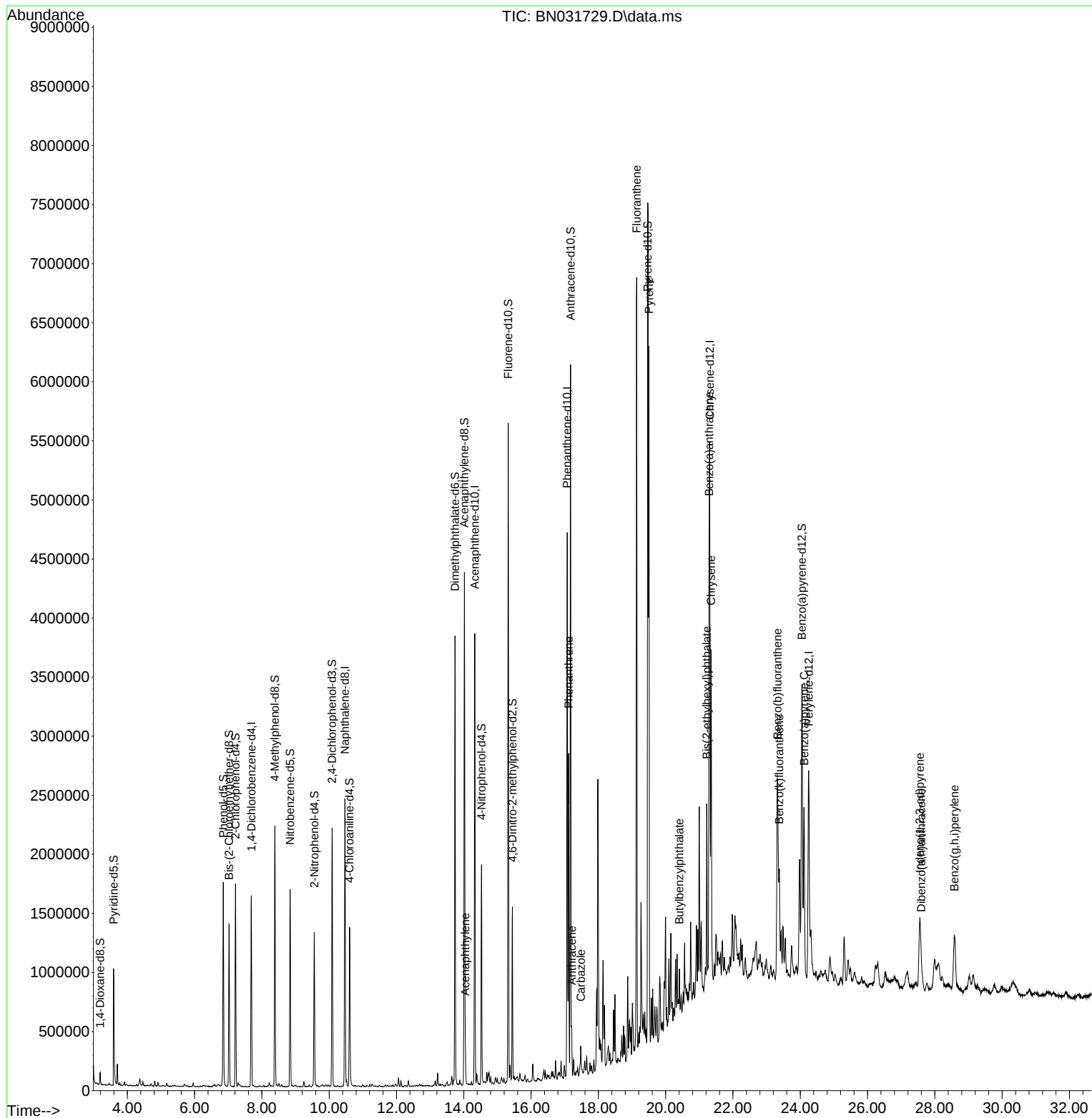
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031729.D
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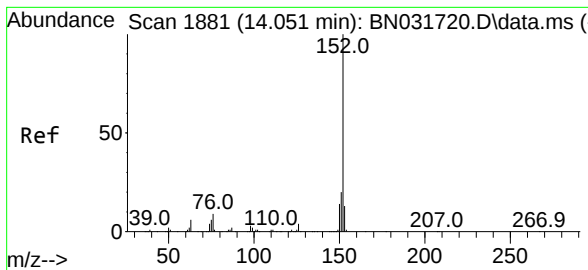
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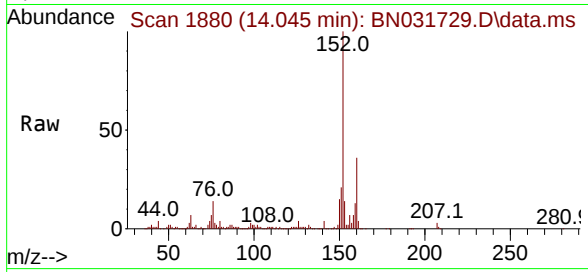
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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#50
Acenaphthylene
Concen: 1.704 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031729.D
Acq: 30 May 2024 23:34

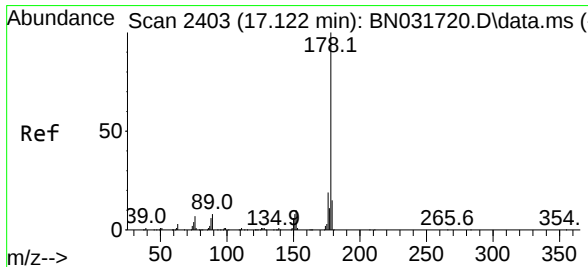
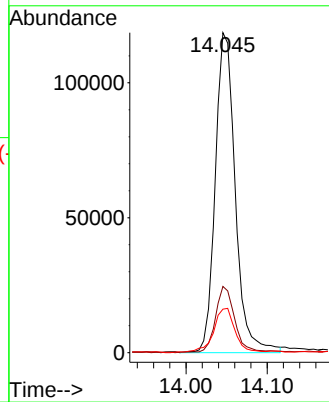
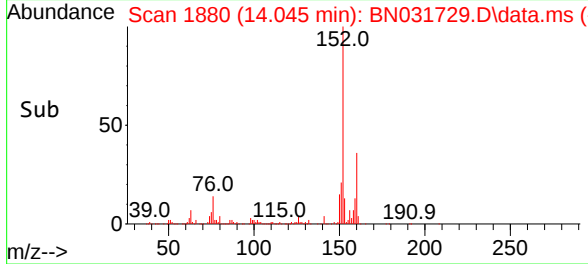
Instrument : BNA_N
ClientSampleId : BH621



Tgt Ion:152 Resp: 203509
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.6 10.4 15.6

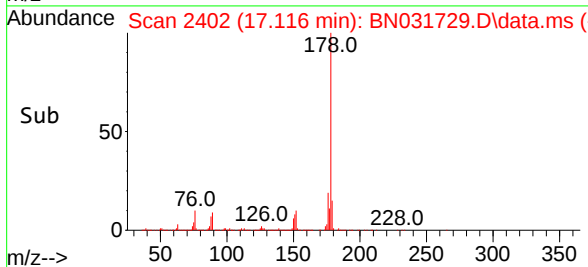
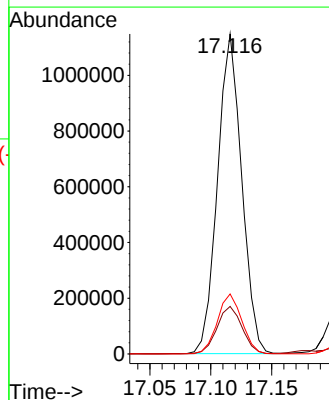
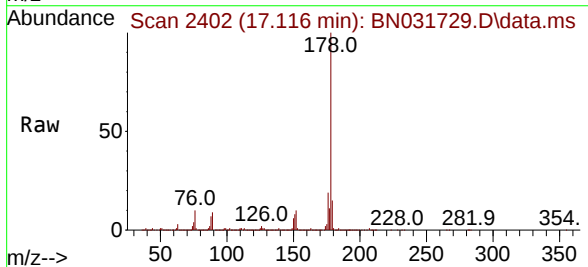
Manual Integrations
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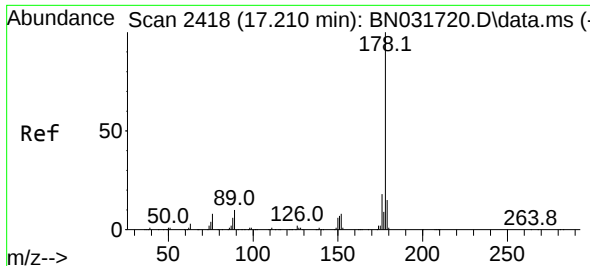
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#72
Phenanthrene
Concen: 11.503 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031729.D
Acq: 30 May 2024 23:34

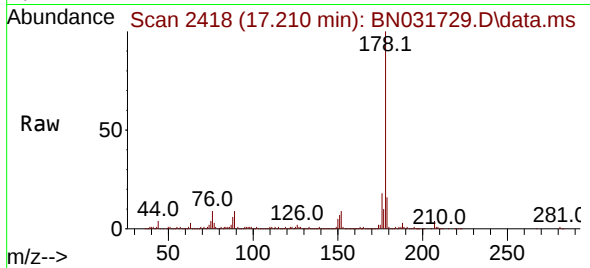
Tgt Ion:178 Resp: 1584510
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 18.8 15.8 23.6





#74
 Anthracene
 Concen: 1.904 ng/ul
 RT: 17.210 min Scan# 2418
 Delta R.T. 0.006 min
 Lab File: BN031729.D
 Acq: 30 May 2024 23:34

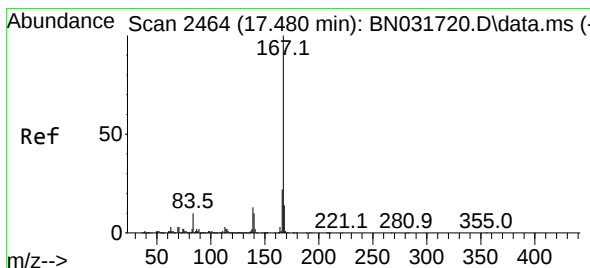
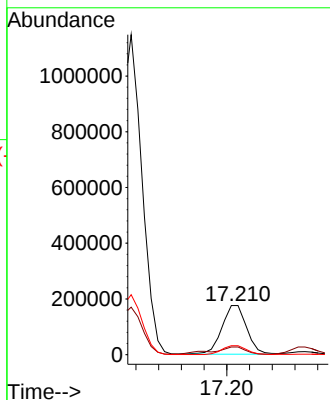
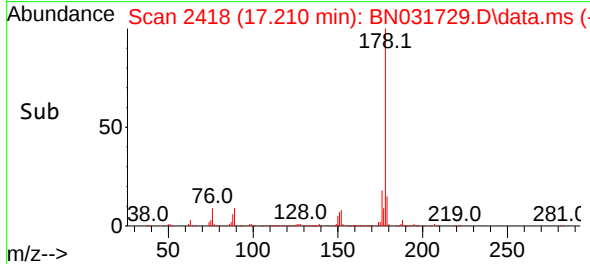
Instrument :
 BNA_N
 ClientSampleId :
 BH621



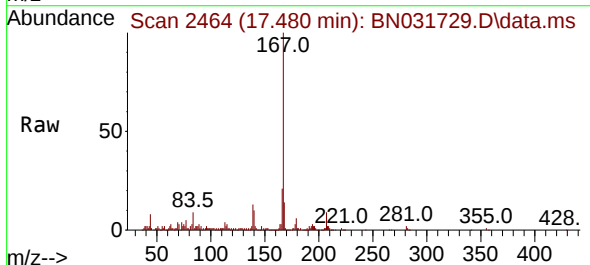
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 Ion Ratio Lower Upper
 178 100
 179 15.7 11.8 17.6
 176 18.4 14.8 22.2

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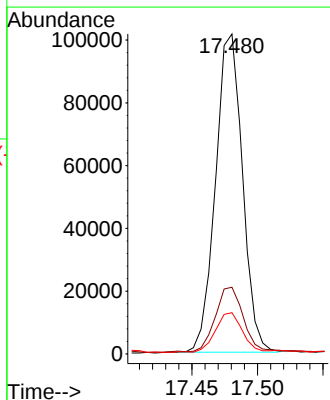
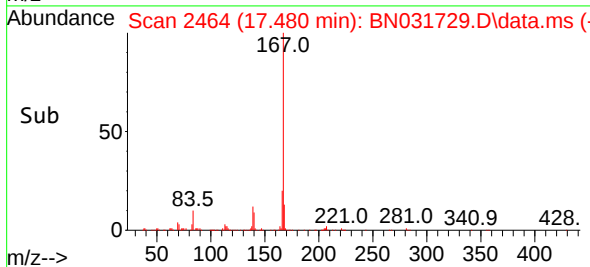
Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

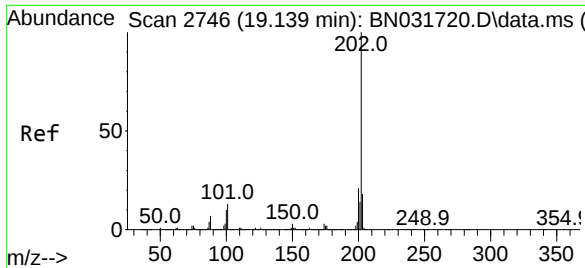


#77
 Carbazole
 Concen: 1.217 ng/ul
 RT: 17.480 min Scan# 2464
 Delta R.T. 0.006 min
 Lab File: BN031729.D
 Acq: 30 May 2024 23:34



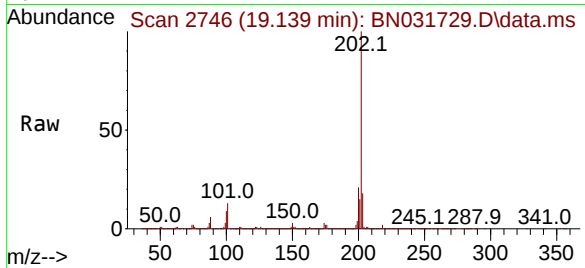
Tgt Ion:167 Resp: 144881
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.9 26.9
 139 12.9 10.5 15.7





#80
Fluoranthene
Concen: 32.663 ng/u1
RT: 19.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN031729.D
Acq: 30 May 2024 23:34

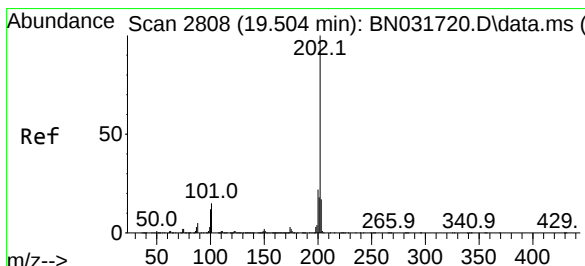
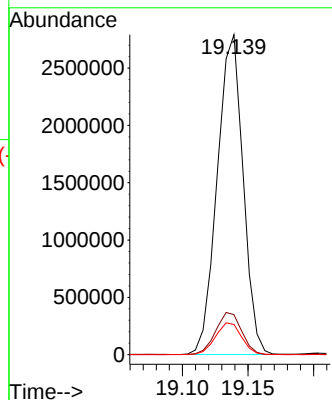
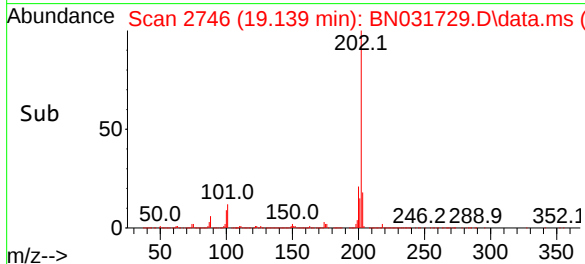
Instrument :
BNA_N
ClientSampleId :
BH621



Tgt Ion:202 Resp: 3824288
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.4 8.0 12.0

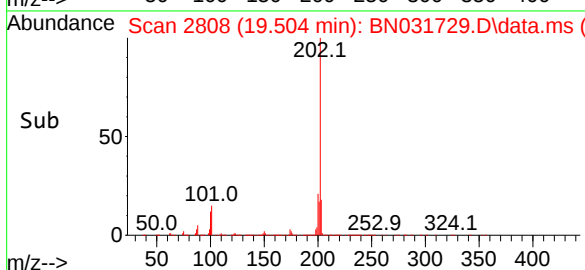
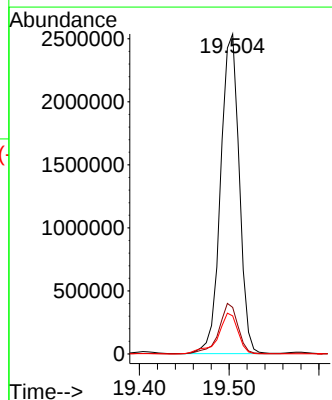
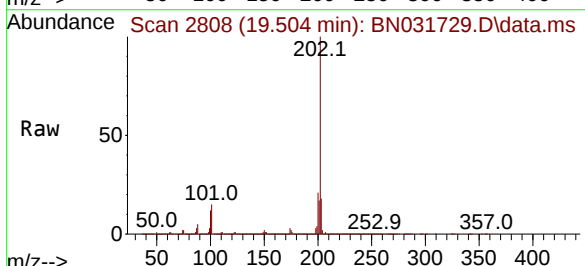
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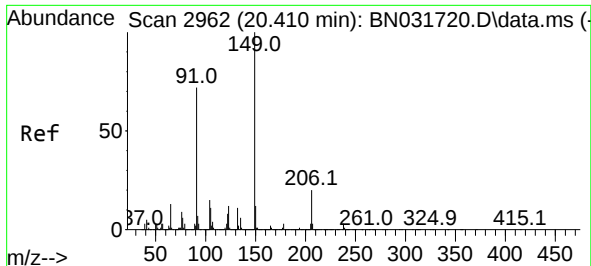
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#82
Pyrene
Concen: 30.346 ng/u1
RT: 19.504 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BN031729.D
Acq: 30 May 2024 23:34

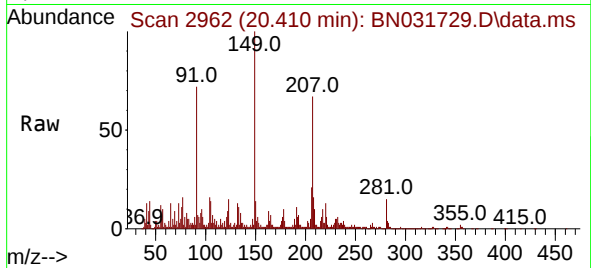
Tgt Ion:202 Resp: 3645364
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.9 10.2 15.2





#83
Butylbenzylphthalate
Concen: 1.912 ng/ul
RT: 20.410 min Scan# 2962
Delta R.T. 0.006 min
Lab File: BN031729.D
Acq: 30 May 2024 23:34

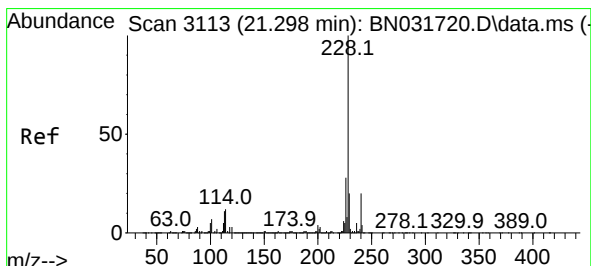
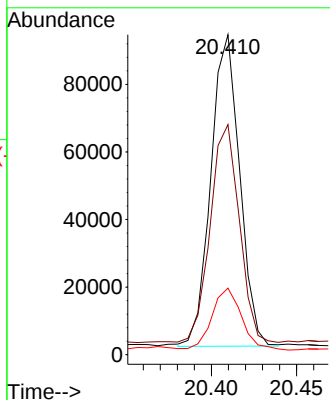
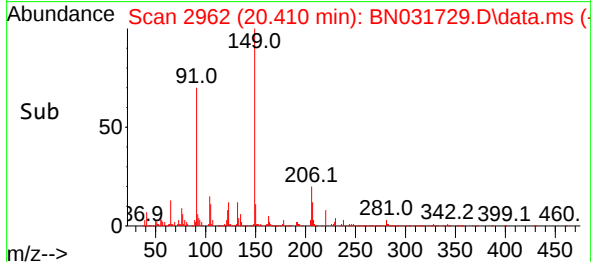
Instrument :
BNA_N
ClientSampleId :
BH621



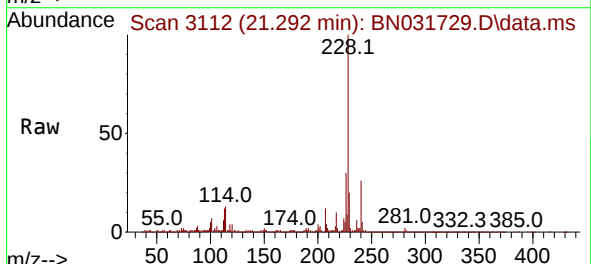
Tgt Ion:149 Resp: 10848
Ion Ratio Lower Upper
149 100
91 71.9 61.0 91.4
206 20.8 16.5 24.7

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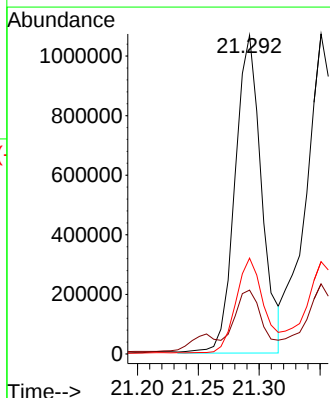
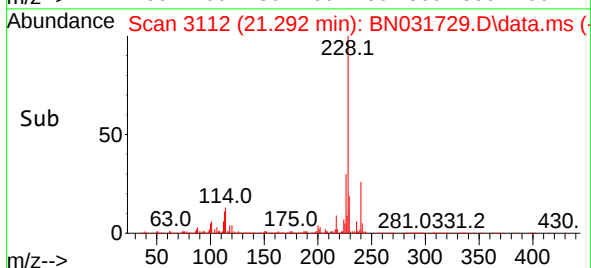
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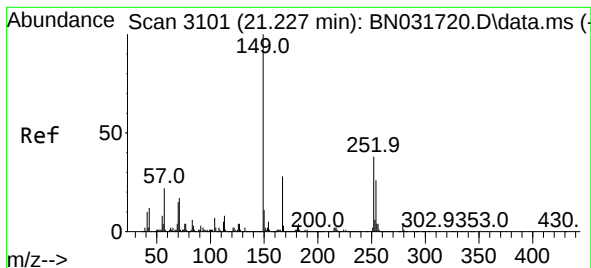


#85
Benzo(a)anthracene
Concen: 13.237 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BN031729.D
Acq: 30 May 2024 23:34



Tgt Ion:228 Resp: 1622117
Ion Ratio Lower Upper
228 100
229 20.0 16.7 25.1
226 30.0 22.8 34.2





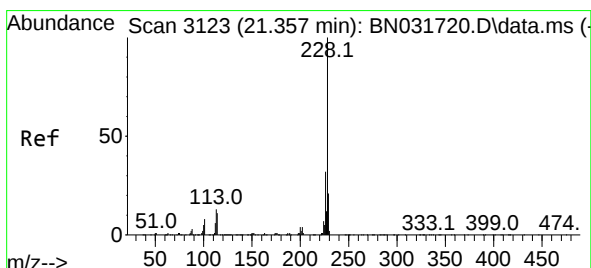
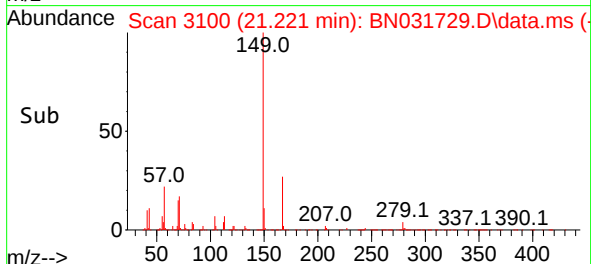
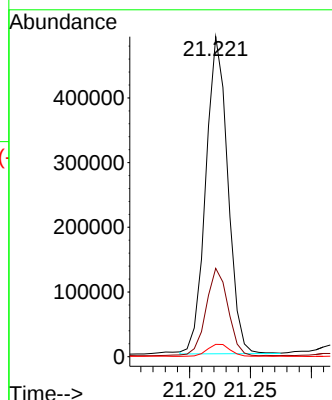
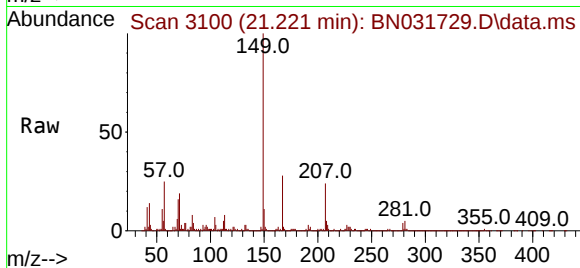
#86
Bis(2-ethylhexyl)phthalate
Concen: 7.470 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031729.D
Acq: 30 May 2024 23:34

Instrument :
BNA_N
ClientSampleId :
BH621

Tgt Ion:149 Resp: 61780
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 3.8 3.3 4.9

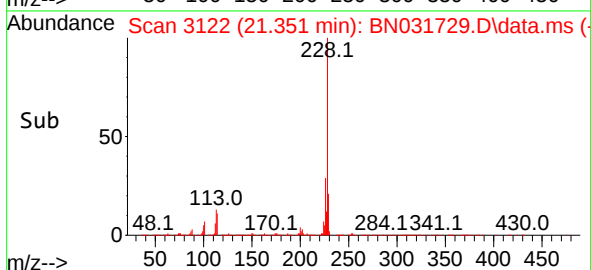
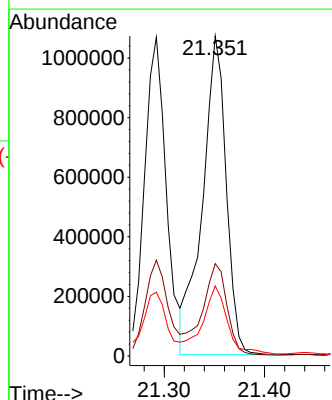
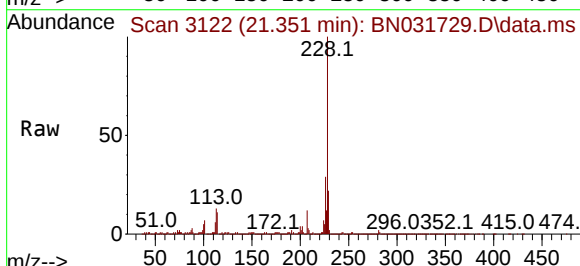
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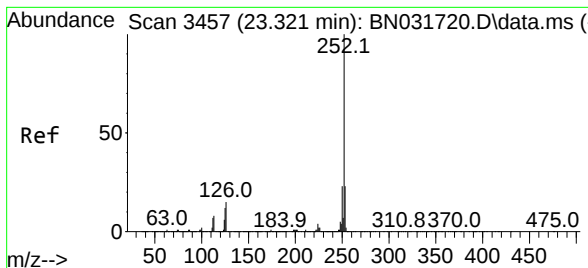
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#87
Chrysene
Concen: 15.460 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN031729.D
Acq: 30 May 2024 23:34

Tgt Ion:228 Resp: 1769646
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 21.9 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 18.812 ng/ul

RT: 23.327 min Scan# 3457

Delta R.T. 0.017 min

Lab File: BN031729.D

Acq: 30 May 2024 23:34

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:252 Resp: 1835004

Ion Ratio Lower Upper

252 100

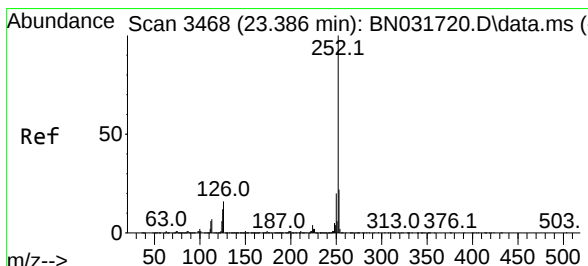
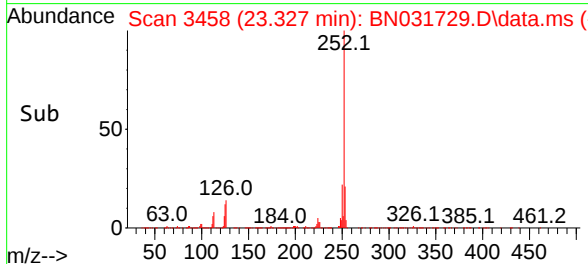
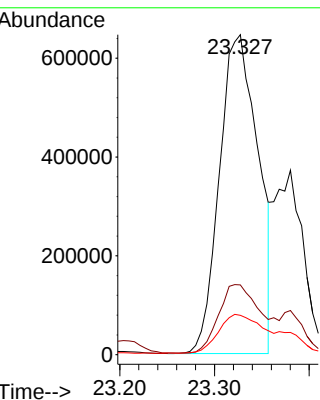
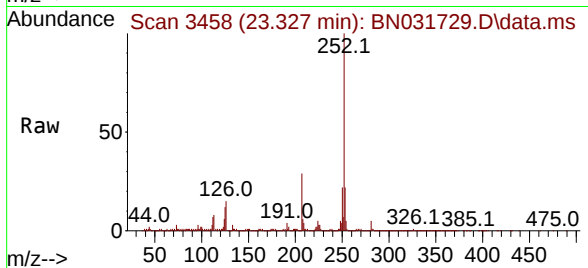
253 21.8 17.0 25.6

125 12.3 9.2 13.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#91

Benzo(k)fluoranthene

Concen: 8.136 ng/ul m

RT: 23.380 min Scan# 3467

Delta R.T. 0.006 min

Lab File: BN031729.D

Acq: 30 May 2024 23:34

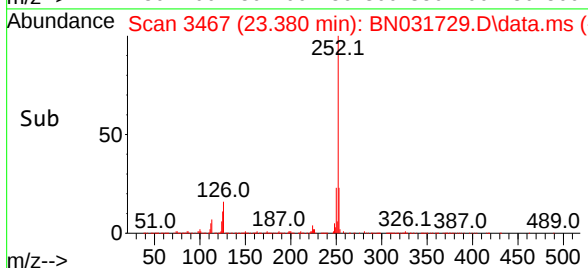
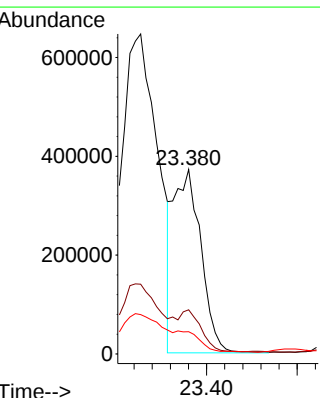
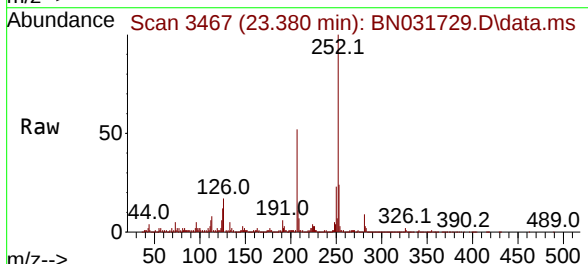
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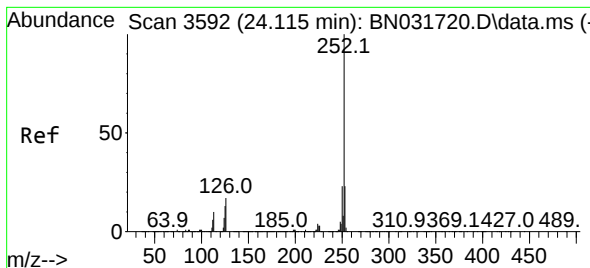
Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 12.1 9.4 14.2





#93

Benzo(a)pyrene

Concen: 14.423 ng/ul

RT: 24.115 min Scan# 3592

Delta R.T. 0.012 min

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Tgt Ion:252 Resp: 131769

Ion Ratio Lower Upper

252 100

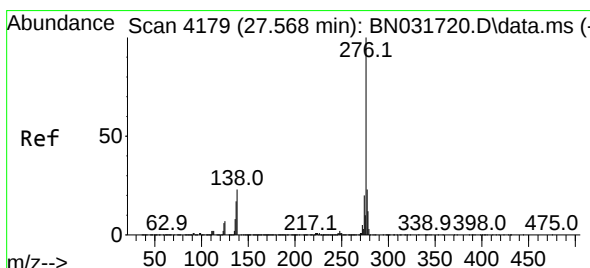
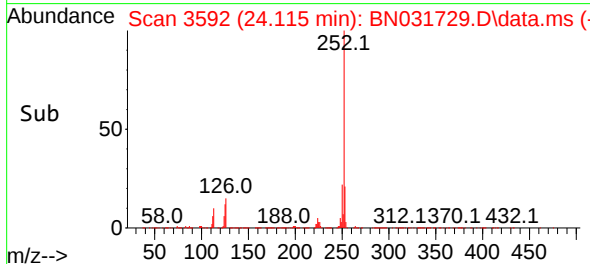
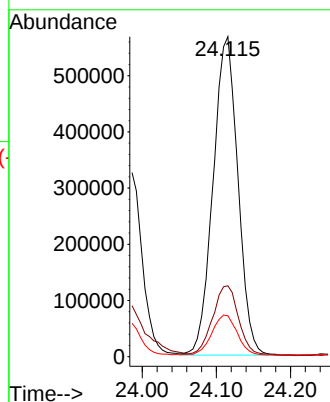
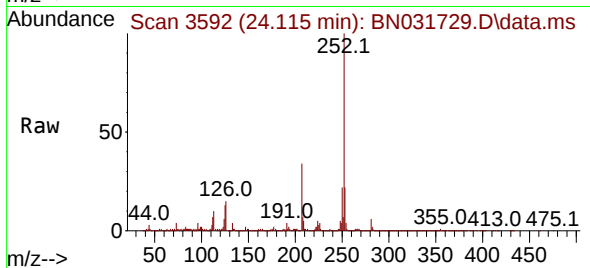
253 22.2 16.6 24.8

125 12.8 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.443 ng/ul

RT: 27.556 min Scan# 4177

Delta R.T. 0.023 min

Lab File: BN031729.D

Acq: 30 May 2024 23:34

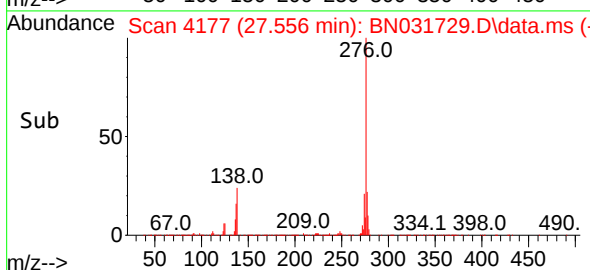
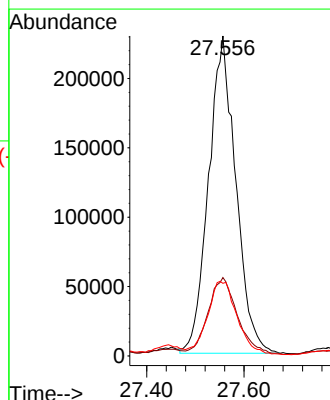
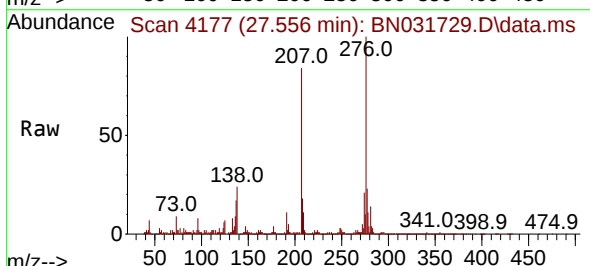
Tgt Ion:276 Resp: 888887

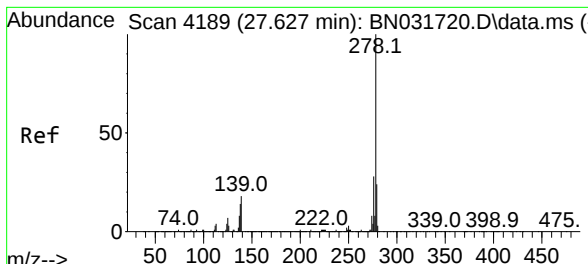
Ion Ratio Lower Upper

276 100

138 24.5 18.1 27.1

277 22.7 18.2 27.2





#95
Dibenzo(a,h)anthracene
 Concen: 2.707 ng/ul m
 RT: 27.598 min Scan# 4184
 Delta R.T. -0.006 min
 Lab File: BN031729.D
 Acq: 30 May 2024 23:34

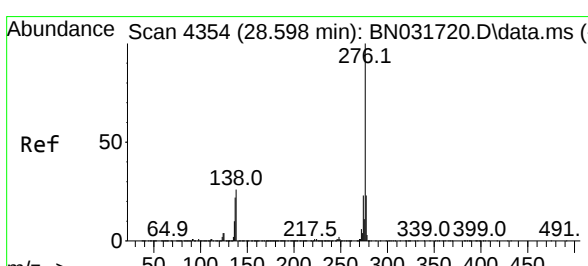
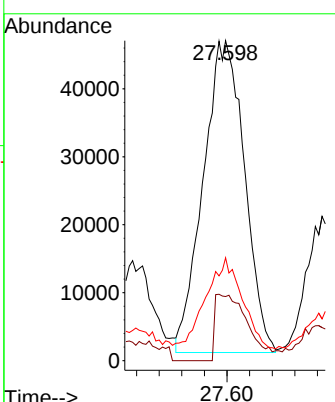
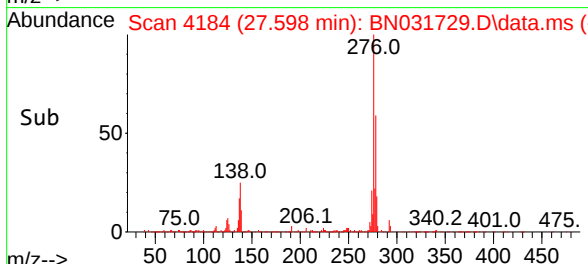
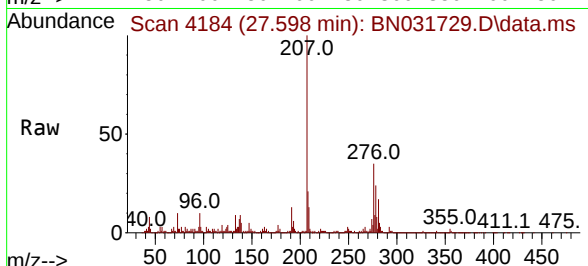
Instrument :
 BNA_N
 ClientSampleId :
 BH621

Tgt Ion: 278 Resp: 232658

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.0	22.6
279	32.2	17.4	26.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



#96
Benzo(g,h,i)perylene
 Concen: 9.755 ng/ul
 RT: 28.580 min Scan# 4351
 Delta R.T. 0.012 min
 Lab File: BN031729.D
 Acq: 30 May 2024 23:34

Tgt Ion: 276 Resp: 816343

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.9	31.3
277	23.8	18.0	27.0

