

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020816.D
 Acq On : 06 Jul 2024 11:55
 Operator : MA/JU
 Sample : P3010-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CG2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:11:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	193526	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	784594	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.363	164	509163	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.175	188	1053884	20.000	ng/u1	0.01
79) Chrysene-d12	21.633	240	954268	20.000	ng/u1	0.01
88) Perylene-d12	24.992	264	1172405	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	15706	3.485	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.928	99	390910	24.628	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.075	67	227516	22.610	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	331791	25.577	ng/u1	0.01
15) 4-Methylphenol-d8	8.440	113	332254	25.773	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	159308	27.502	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	183726	31.694	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	329508	27.595	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	102910	6.150	ng/u1	0.01
46) Dimethylphthalate-d6	13.775	166	1005036	28.390	ng/u1	0.02
49) Acenaphthylene-d8	14.057	160	1158699	27.429	ng/u1	0.02
54) 4-Nitrophenol-d4	14.610	143	109952	20.328	ng/u1	0.03
60) Fluorene-d10	15.375	176	869596	29.191	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	77231	14.542	ng/u1	0.01
73) Anthracene-d10	17.275	188	1332894	28.180	ng/u1	0.01
81) Pyrene-d10	19.657	212	1319297	23.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.756	264	1070374	18.768	ng/u1	0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.086	152	215727	4.521	ng/u1	100
61) Fluorene	15.428	166	39359	1.148	ng/u1	97
72) Phenanthrene	17.222	178	764155	13.847	ng/u1	100
74) Anthracene	17.310	178	354775	6.250	ng/u1	99
77) Carbazole	17.604	167	69363	1.481	ng/u1	97
80) Fluoranthene	19.310	202	2360075	33.702	ng/u1	99
82) Pyrene	19.686	202	1695601	23.610	ng/u1	99
85) Benzo(a)anthracene	21.610	228	1344034	20.094	ng/u1	93
87) Chrysene	21.680	228	1343257	21.247	ng/u1	98
90) Benzo(b)fluoranthene	23.933	252	1736618	24.451	ng/u1	99
91) Benzo(k)fluoranthene	23.992	252	576276	8.021	ng/u1	96
93) Benzo(a)pyrene	24.833	252	633682	9.451	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.803	276	626118	7.281	ng/u1	99
95) Dibenzo(a,h)anthracene	28.850	278	246239	3.484	ng/u1	93
96) Benzo(g,h,i)perylene	29.991	276	76908m	1.095	ng/u1	

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

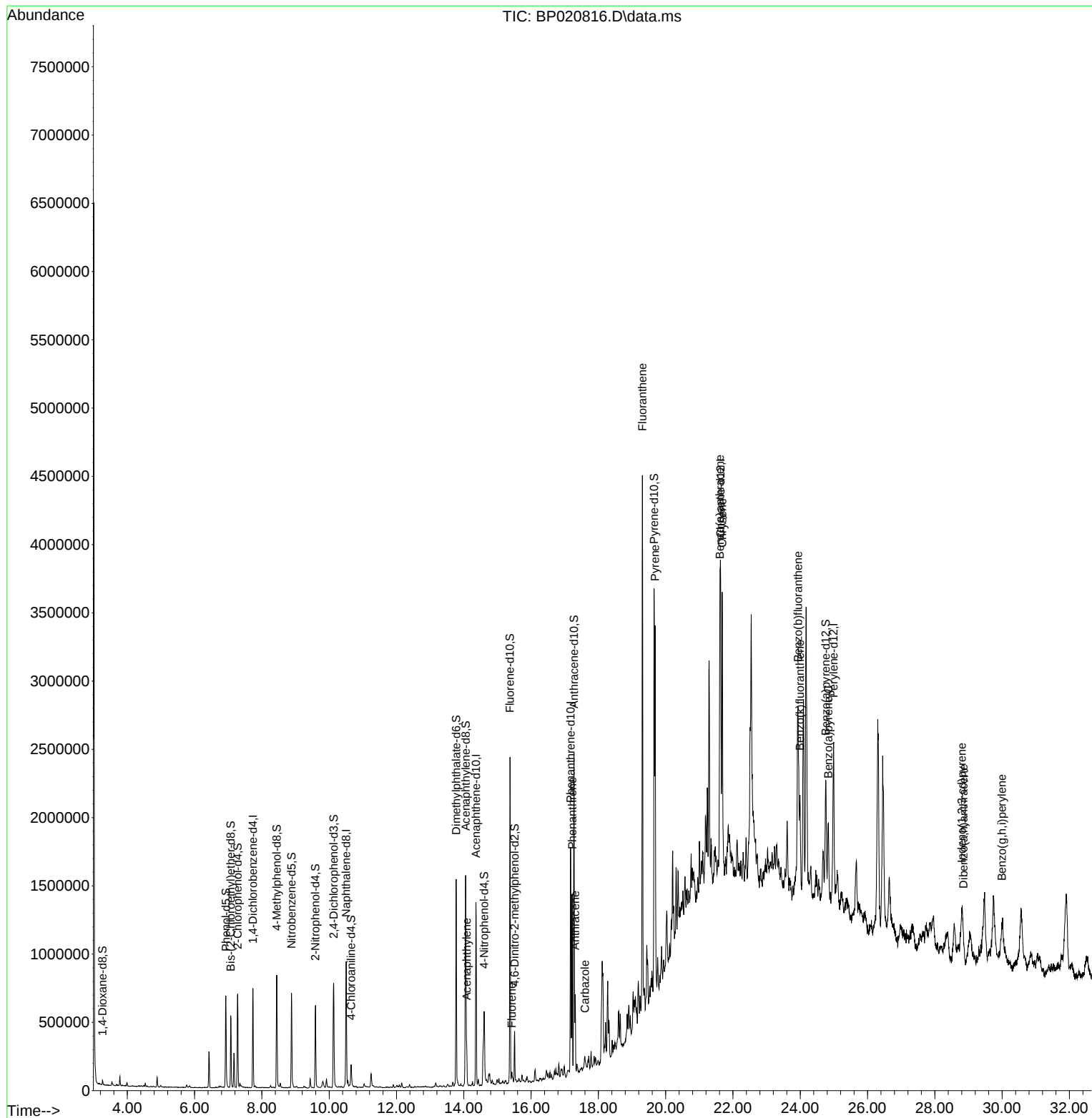
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

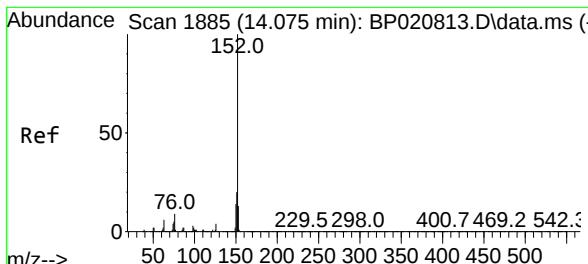
Instrument :
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Quant Title : SVOA CALIBRATION
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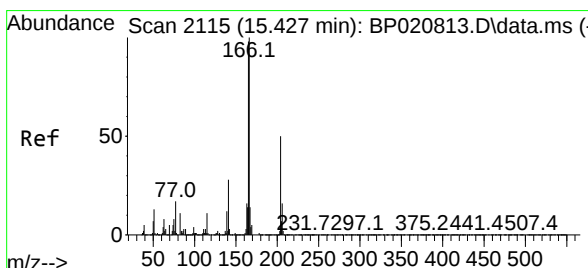
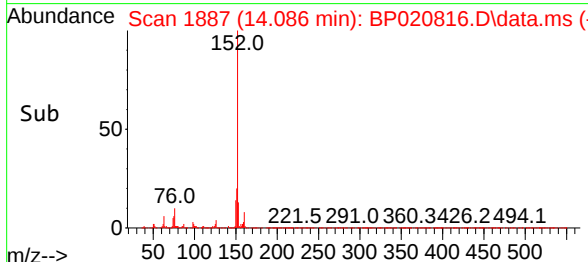
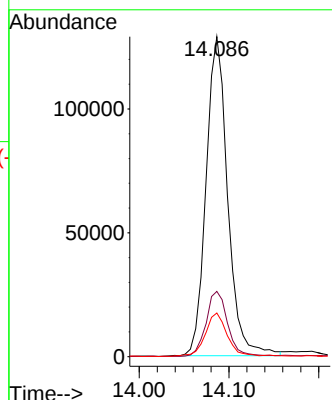
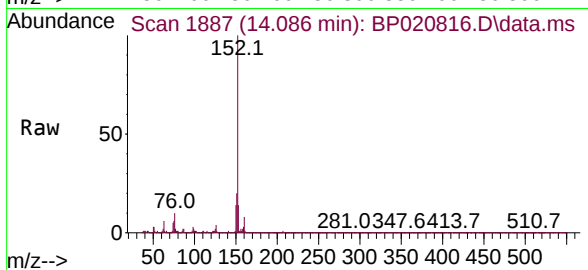
#50
Acenaphthylene
Concen: 4.521 ng/ul
RT: 14.086 min Scan# 1887
Delta R.T. 0.017 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

Instrument :
BNA_P
ClientSampleId :
A4CG2

Tgt Ion:	152	Resp:	21572
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.6	10.8	16.2

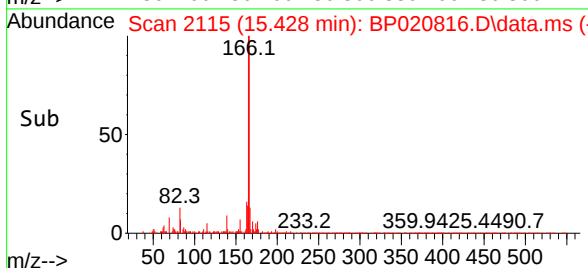
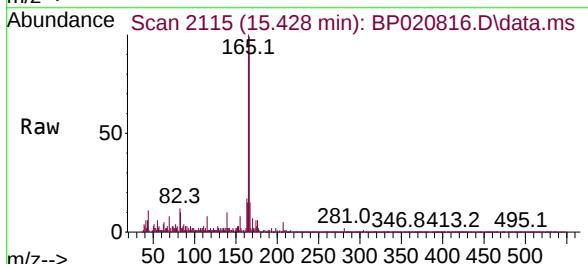
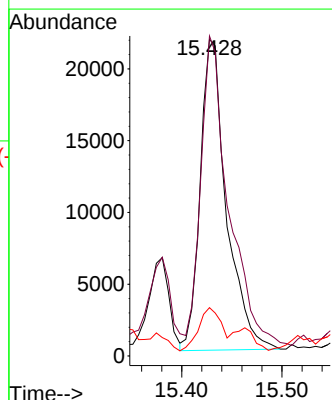
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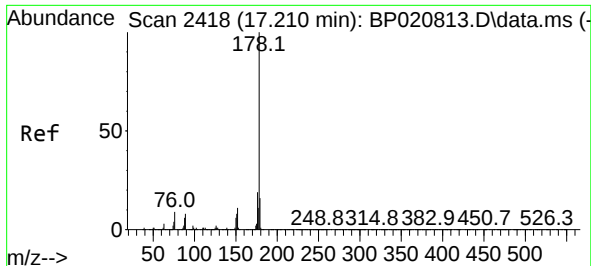
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#61
Fluorene
Concen: 1.148 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

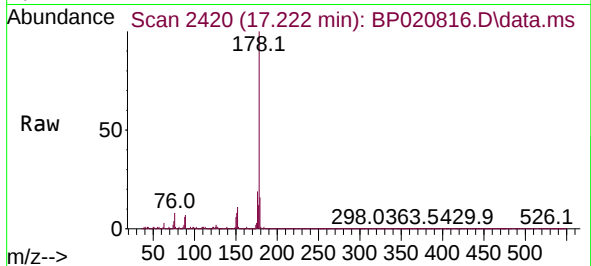
Tgt Ion:	166	Resp:	39359
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.8	118.2
167	15.3	11.2	16.8





#72
Phenanthrene
Concen: 13.847 ng/u1
RT: 17.222 min Scan# 2418
Delta R.T. 0.017 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

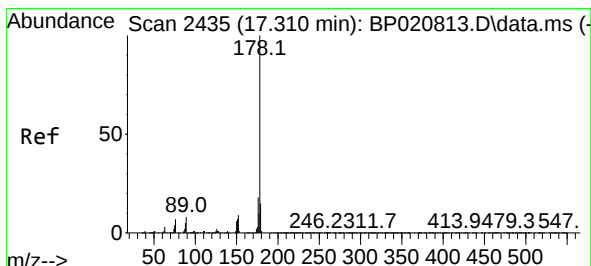
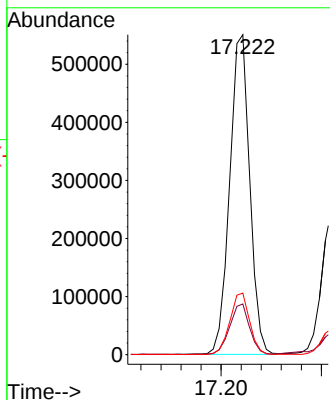
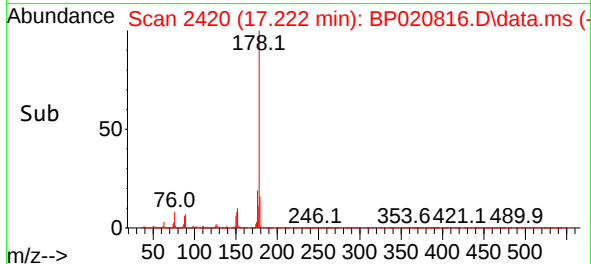
Instrument :
BNA_P
ClientSampleId :
A4CG2



Tgt Ion:178 Resp: 76415
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 15.4 23.2

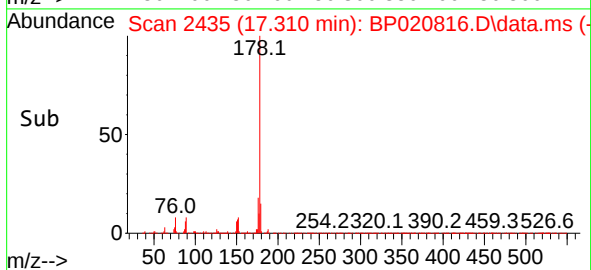
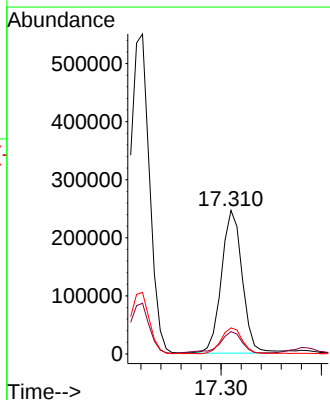
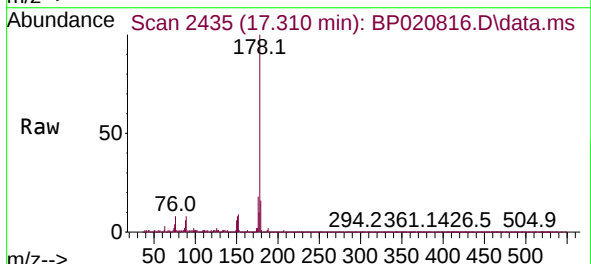
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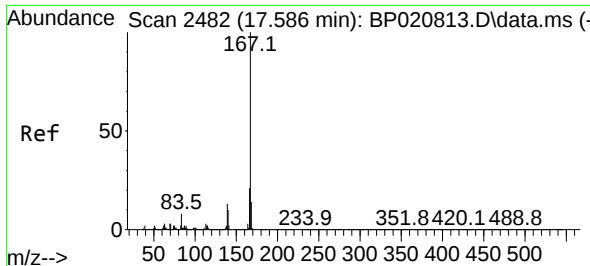
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#74
Anthracene
Concen: 6.250 ng/u1
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

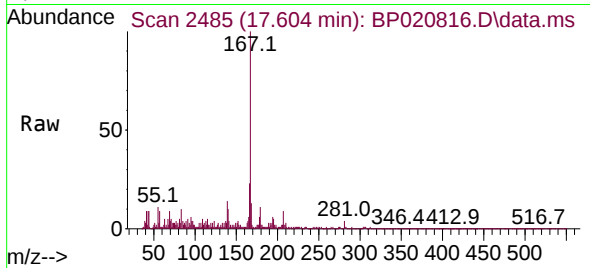
Tgt Ion:178 Resp: 354775
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.2 15.0 22.4





#77
 Carbazole
 Concen: 1.481 ng/ul
 RT: 17.604 min Scan# 2485
 Delta R.T. 0.017 min
 Lab File: BP020816.D
 Acq: 06 Jul 2024 11:55

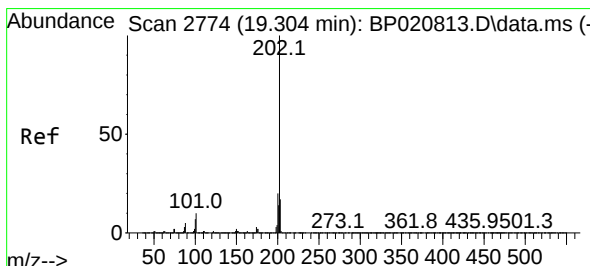
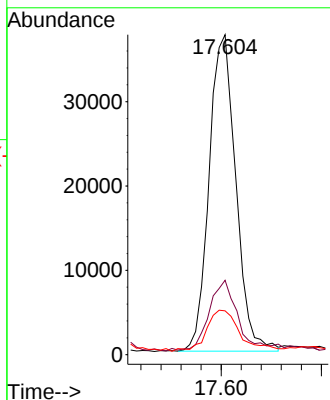
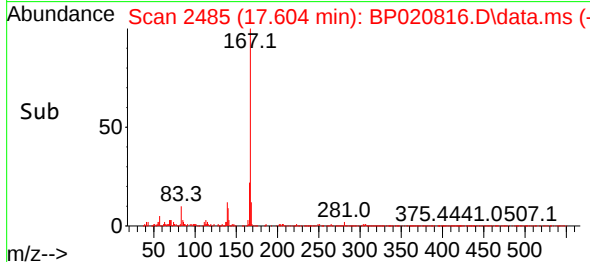
Instrument :
 BNA_P
 ClientSampleId :
 A4CG2



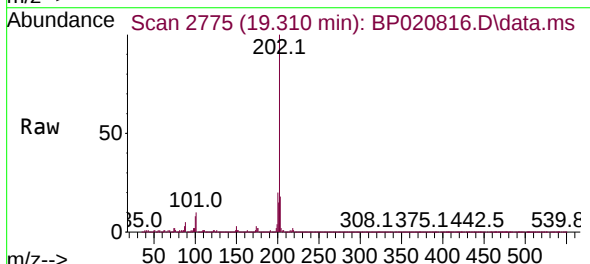
Tgt Ion:167 Resp: 6936
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.2 25.8
 139 13.7 10.6 16.0

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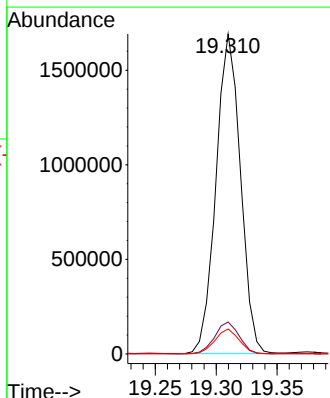
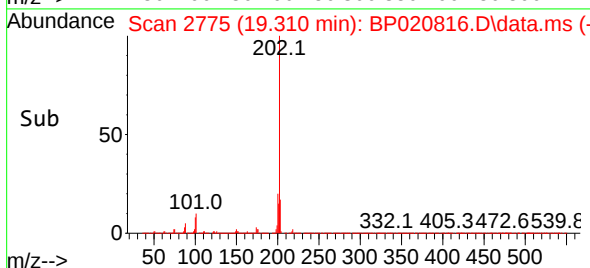
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

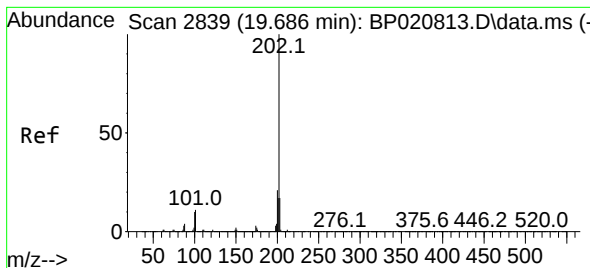


#80
 Fluoranthene
 Concen: 33.702 ng/ul
 RT: 19.310 min Scan# 2775
 Delta R.T. 0.012 min
 Lab File: BP020816.D
 Acq: 06 Jul 2024 11:55



Tgt Ion:202 Resp: 2360075
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.2 12.4
 100 7.8 6.6 10.0





#82

Pyrene

Concen: 23.610 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020816.D

Acq: 06 Jul 2024 11:55

Instrument :

BNA_P

ClientSampleId :

A4CG2

Tgt Ion:202 Resp: 169560

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

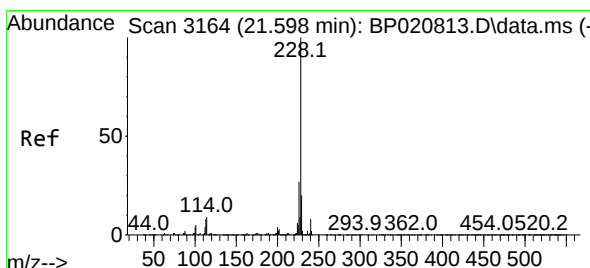
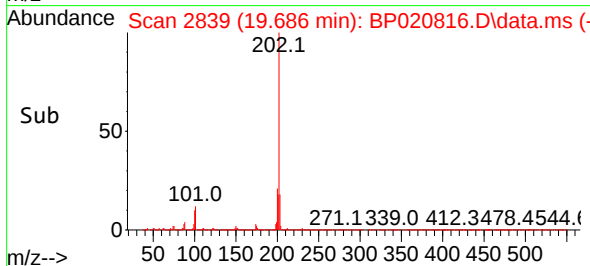
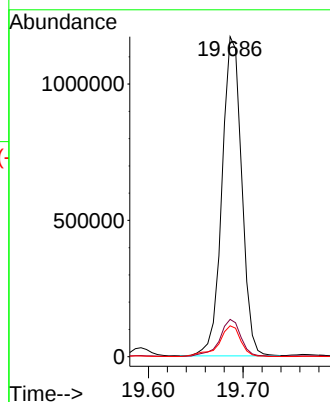
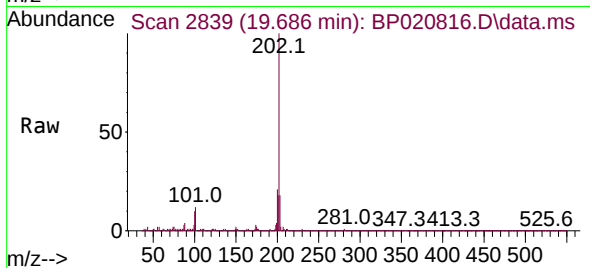
100 9.6 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#85

Benzo(a)anthracene

Concen: 20.094 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.012 min

Lab File: BP020816.D

Acq: 06 Jul 2024 11:55

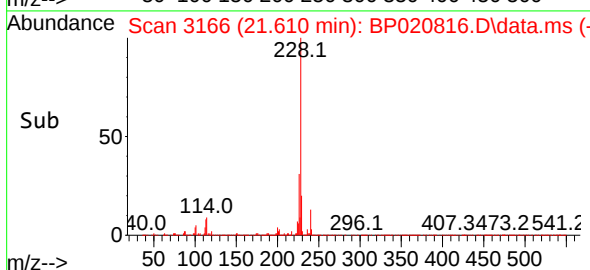
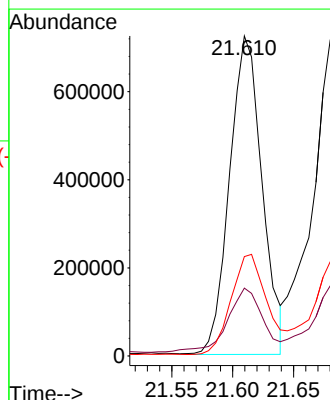
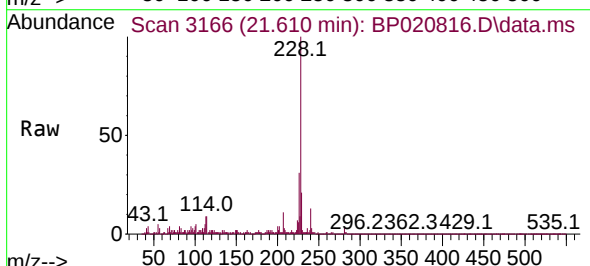
Tgt Ion:228 Resp: 1344034

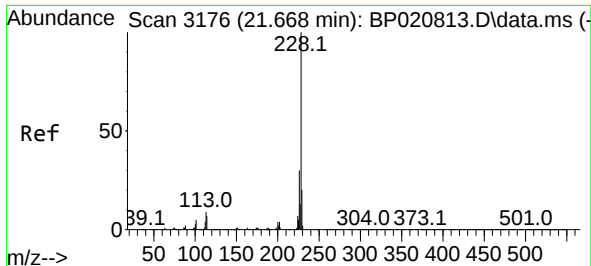
Ion Ratio Lower Upper

228 100

229 21.2 15.2 22.8

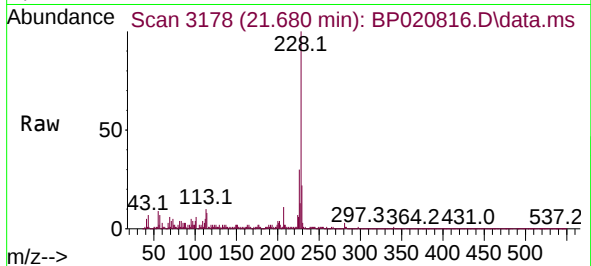
226 31.1 21.1 31.7





#87
Chrysene
Concen: 21.247 ng/ul
RT: 21.680 min Scan# 3176
Delta R.T. 0.012 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

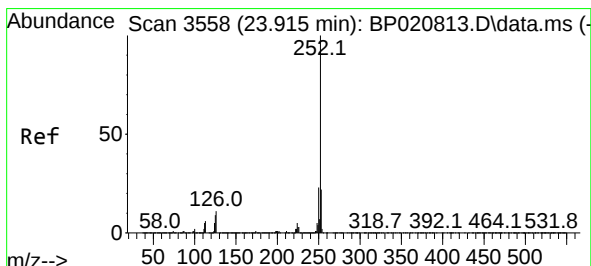
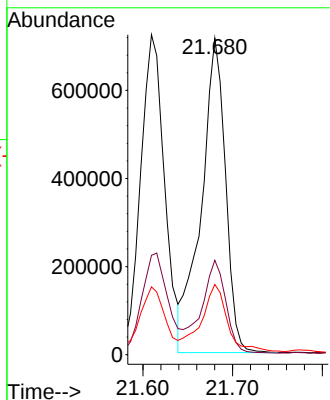
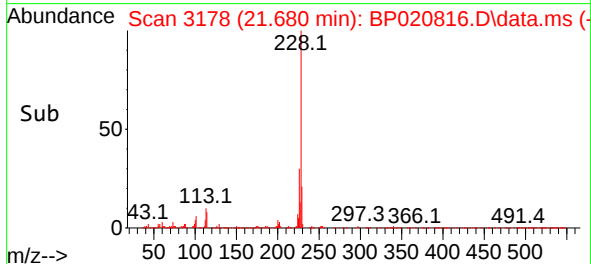
Instrument :
BNA_P
ClientSampleId :
A4CG2



Tgt Ion:228 Resp: 134325
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 22.2 16.1 24.1

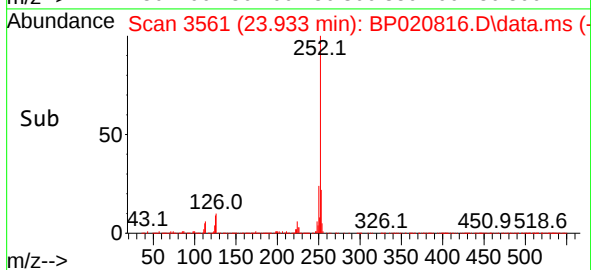
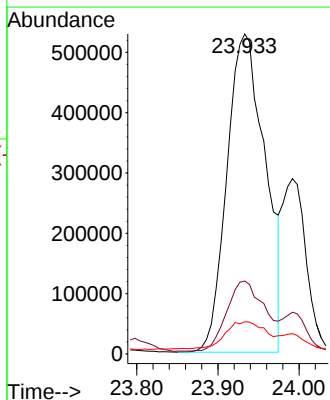
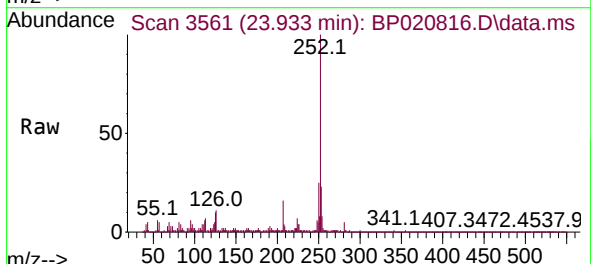
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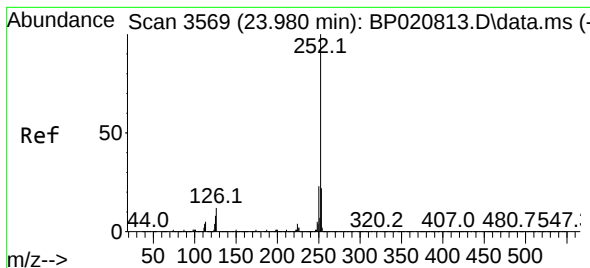
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#90
Benzo(b)fluoranthene
Concen: 24.451 ng/ul
RT: 23.933 min Scan# 3561
Delta R.T. 0.029 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

Tgt Ion:252 Resp: 1736618
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.1 7.9 11.9





#91

Benzo(k)fluoranthene

Concen: 8.021 ng/u1

RT: 23.992 min Scan# 3

Delta R.T. 0.017 min

Lab File: BP020816.D

Acq: 06 Jul 2024 11:55

Instrument :

BNA_P

ClientSampleId :

A4CG2

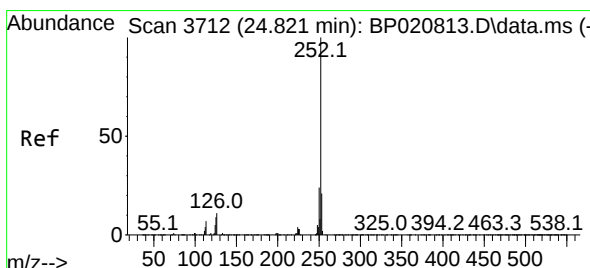
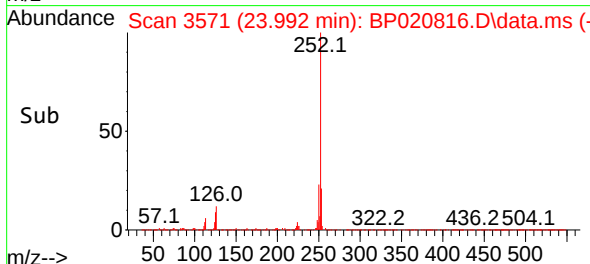
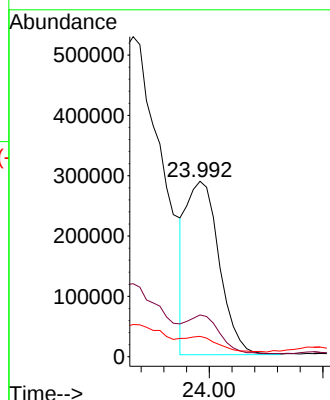
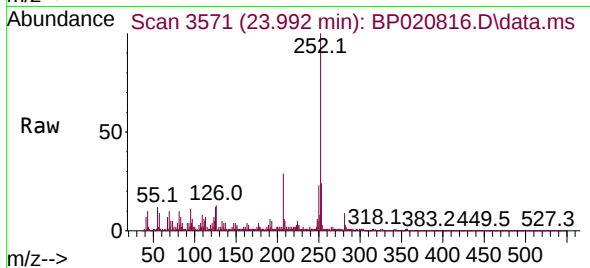
Tgt Ion:	252	Resp:	576270
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	11.6	7.9	11.9

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#93

Benzo(a)pyrene

Concen: 9.451 ng/u1

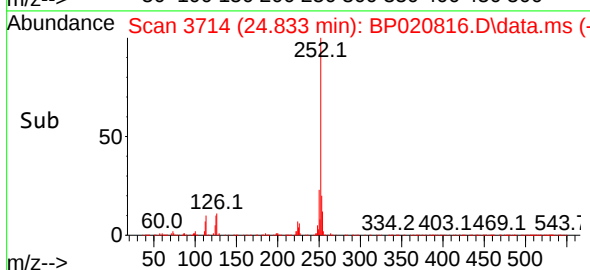
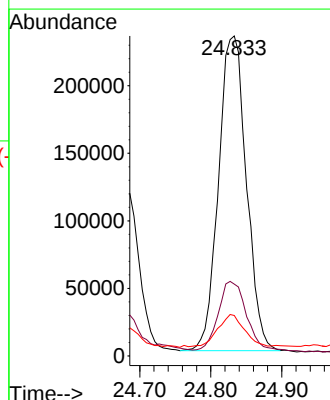
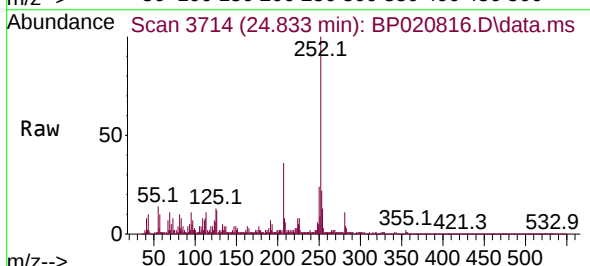
RT: 24.833 min Scan# 3714

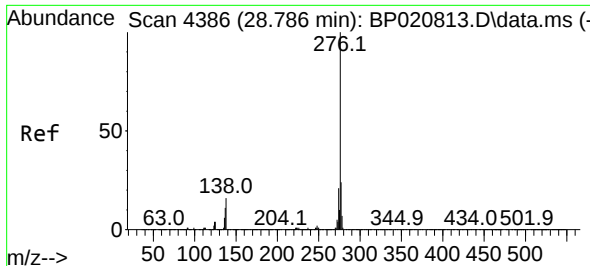
Delta R.T. 0.023 min

Lab File: BP020816.D

Acq: 06 Jul 2024 11:55

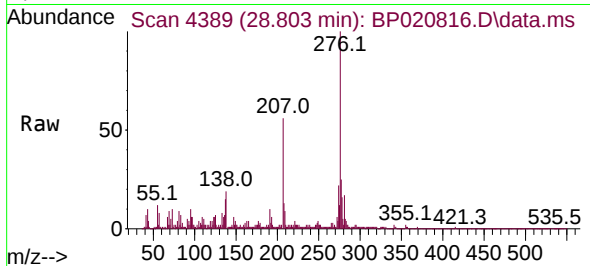
Tgt Ion:	252	Resp:	633682
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	12.7	8.7	13.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 7.281 ng/ul
RT: 28.803 min Scan# 4386
Delta R.T. 0.041 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

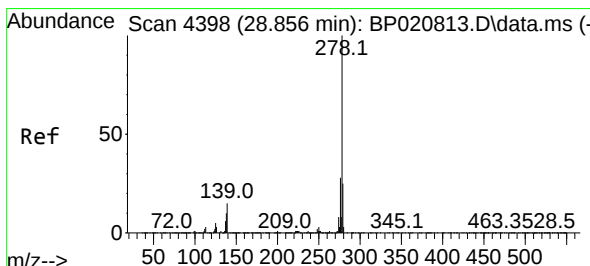
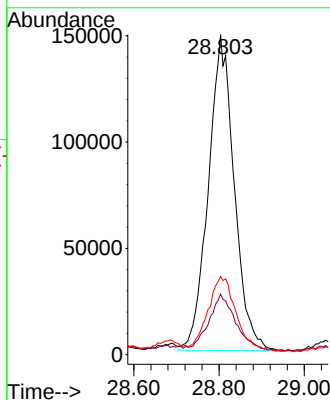
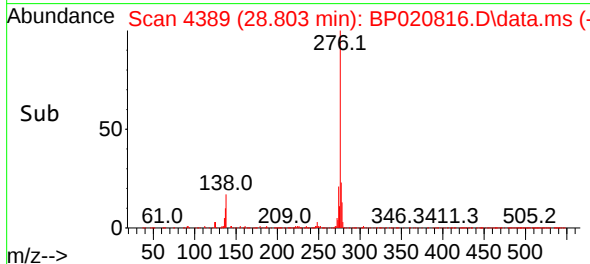
Instrument :
BNA_P
ClientSampleId :
A4CG2



Tgt Ion:276 Resp: 626118
Ion Ratio Lower Upper
276 100
138 18.9 15.2 22.8
277 24.5 19.0 28.4

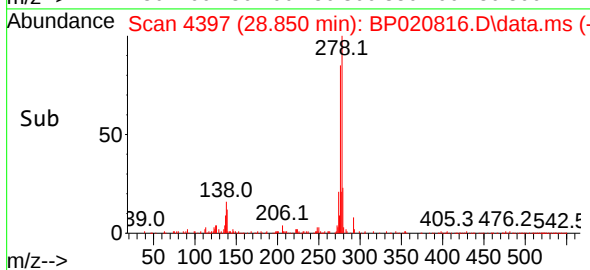
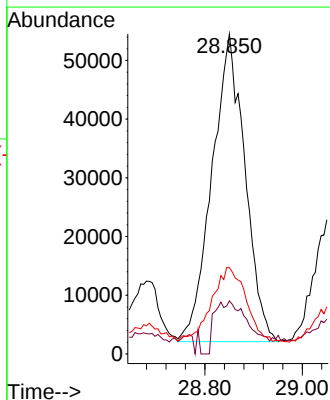
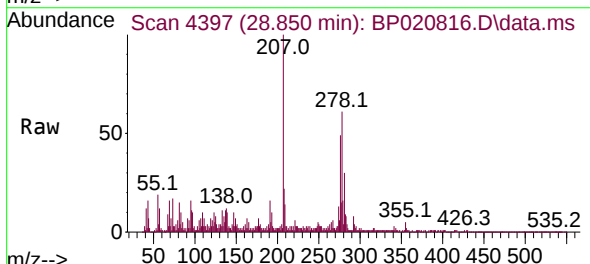
Manual Integrations
APPROVED

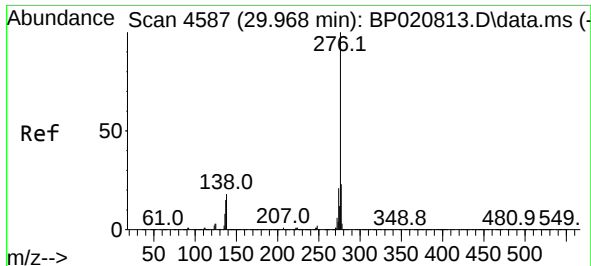
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#95
Dibenzo(a,h)anthracene
Concen: 3.484 ng/ul
RT: 28.850 min Scan# 4397
Delta R.T. 0.012 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

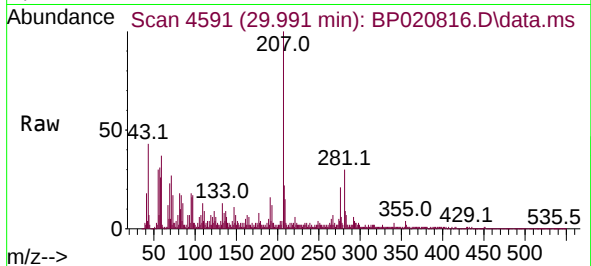
Tgt Ion:278 Resp: 246239
Ion Ratio Lower Upper
278 100
139 16.6 11.1 16.7
279 26.9 18.7 28.1





#96
Benzo(g,h,i)perylene
Concen: 1.095 ng/ul m
RT: 29.991 min Scan# 4591
Delta R.T. 0.053 min
Lab File: BP020816.D
Acq: 06 Jul 2024 11:55

Instrument :
BNA_P
ClientSampleId :
A4CG2



Tgt Ion:276 Resp: 76908
Ion Ratio Lower Upper
276 100
138 26.0 16.4 24.6
277 30.1 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

