

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018906.D
 Acq On : 18 Dec 2023 14:44
 Operator : MA/JU
 Sample : 05794-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3P9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 18 23:17:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	308805	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1090473	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	613339	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1305964	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1297241	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1589874	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3790	0.418	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.005	99	57916	1.869	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	37173	2.024	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	49197	2.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	33369	1.331	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	21855	2.252	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	21566	2.143	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	44741	2.174	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	17634	0.656	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	133761	2.444	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	149767	2.485	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	11251	1.252	ng/u1	0.01
60) Fluorene-d10	15.451	176	118824	2.586	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	3806	0.486	ng/u1	0.00
73) Anthracene-d10	17.310	188	187849	2.736	ng/u1	0.00
81) Pyrene-d10	19.551	212	228496	2.263	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	243546	2.627	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.651	105	83500	2.234	ng/u1	98
56) Dibenzofuran	14.857	168	63168	1.014	ng/u1	94
61) Fluorene	15.510	166	74960	1.521	ng/u1#	91
72) Phenanthrene	17.251	178	904644	11.469	ng/u1	100
74) Anthracene	17.345	178	217523	2.751	ng/u1	99
77) Carbazole	17.622	167	110666	1.756	ng/u1	99
80) Fluoranthene	19.222	202	1081637	9.062	ng/u1	96
82) Pyrene	19.580	202	932052	7.740	ng/u1#	93
85) Benzo(a)anthracene	21.292	228	448736	4.262	ng/u1	97
87) Chrysene	21.339	228	446870m	4.609	ng/u1	
90) Benzo(b)fluoranthene	22.951	252	590351	5.036	ng/u1#	94
91) Benzo(k)fluoranthene	22.992	252	174658m	1.540	ng/u1	
93) Benzo(a)pyrene	23.568	252	414335	3.868	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.127	276	301212	2.354	ng/u1#	92
96) Benzo(g,h,i)perylene	26.892	276	186862	1.814	ng/u1	96

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

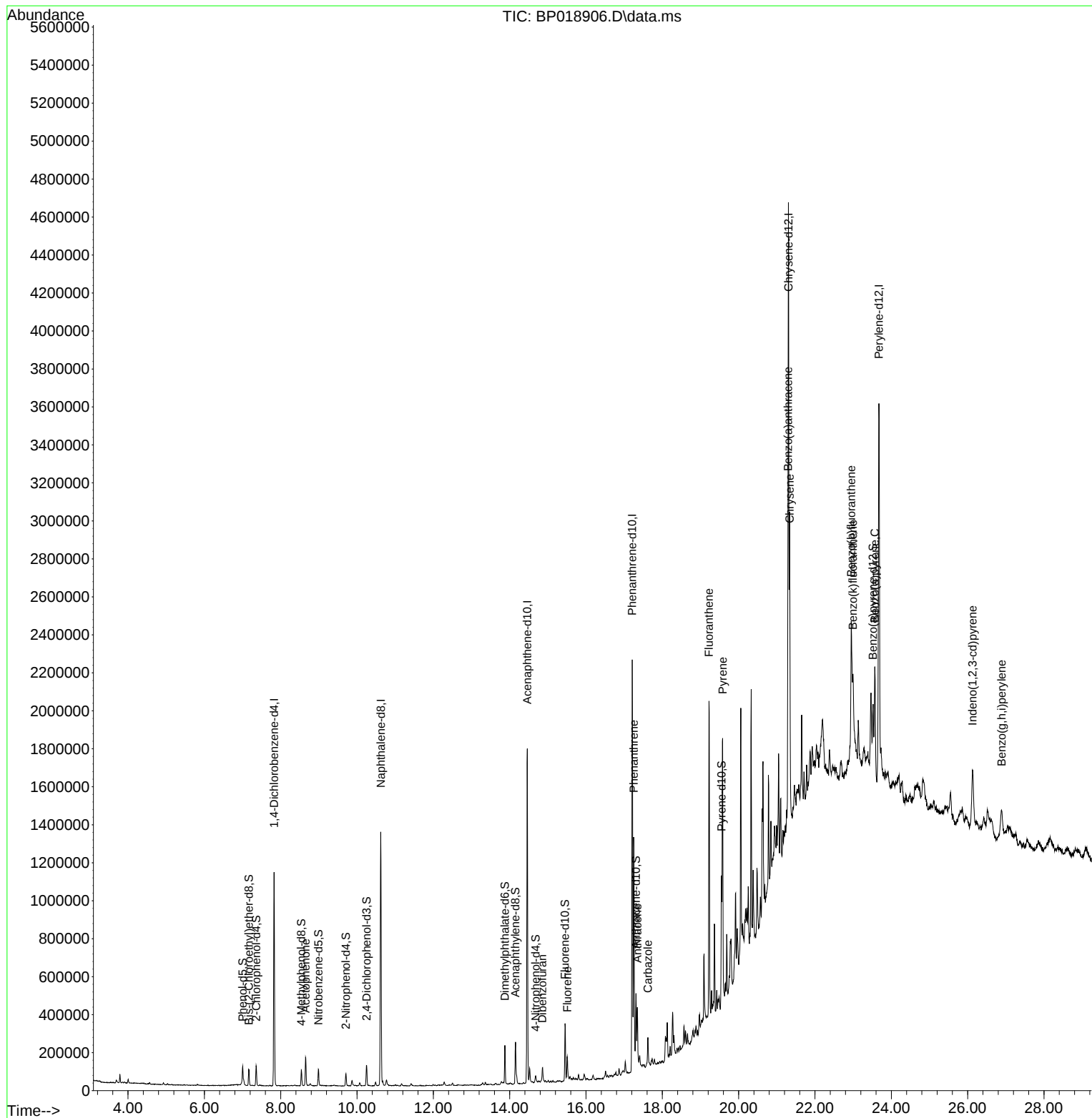
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018906.D
Acq On : 18 Dec 2023 14:44
Operator : MA/JU
Sample : 05794-05 5X
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ALS Vial : 10 Sample Multiplier: 1

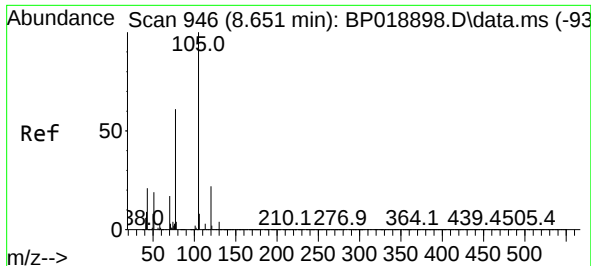
Instrument :
BNA_P
ClientSampleId :
BH3P9

Manual Integrations
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Quant Title : SVOA CALIBRATION
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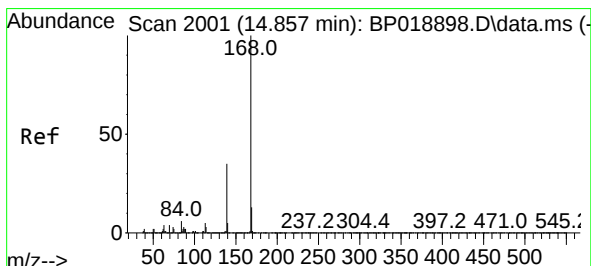
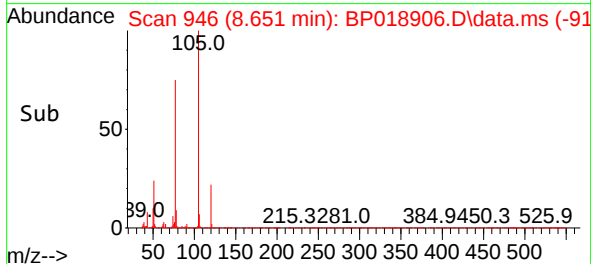
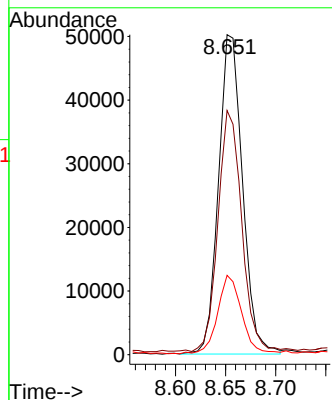
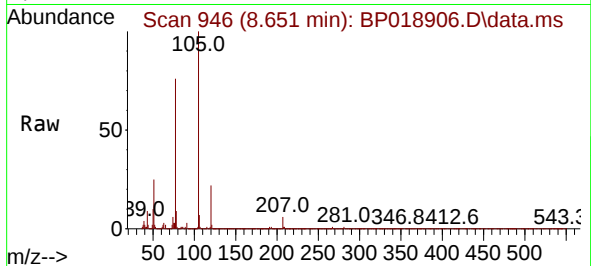
#16
Acetophenone
Concen: 2.234 ng/ul
RT: 8.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:105 Resp: 83500
Ion Ratio Lower Upper
105 100
77 76.3 59.4 89.0
51 24.8 19.4 29.0

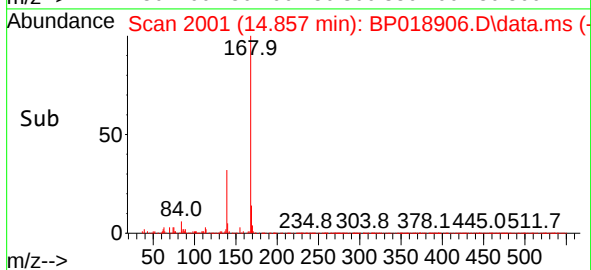
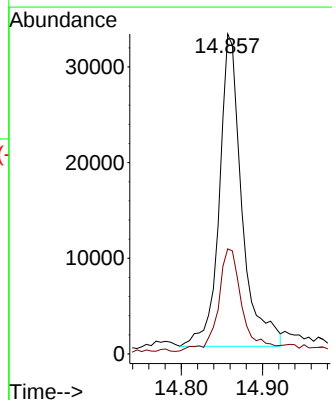
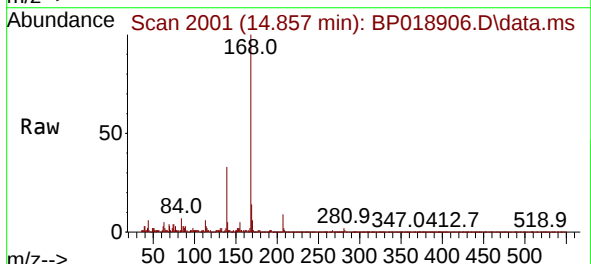
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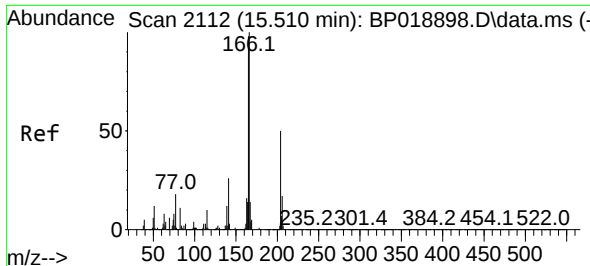
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#56
Dibenzofuran
Concen: 1.014 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

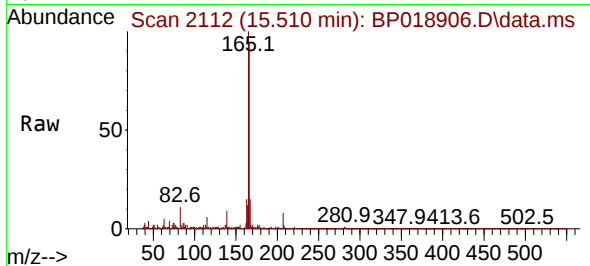
Tgt Ion:168 Resp: 63168
Ion Ratio Lower Upper
168 100
139 32.8 29.1 43.7





#61
Fluorene
Concen: 1.521 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

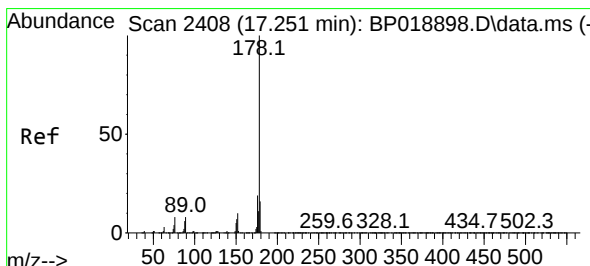
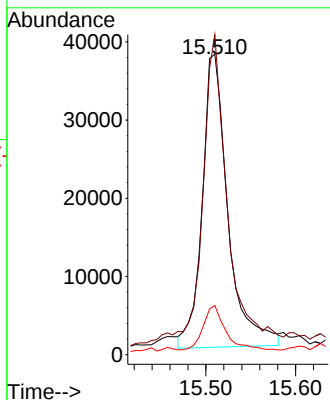
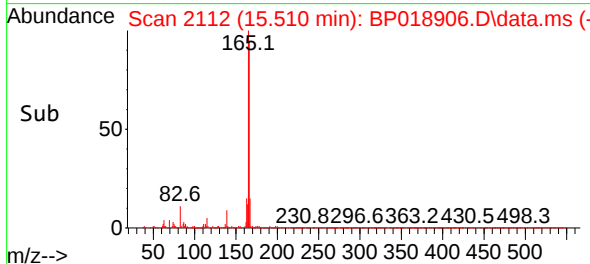
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:166 Resp: 74960
Ion Ratio Lower Upper
166 100
165 106.5 78.0 117.0
167 16.4 10.8 16.2

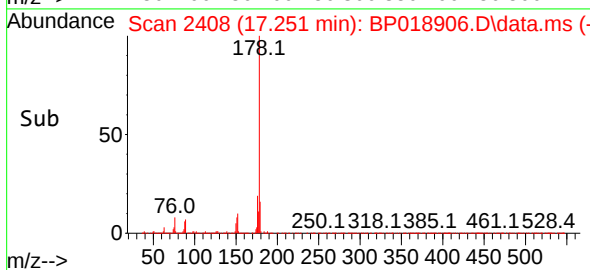
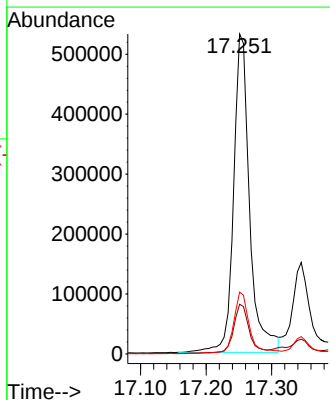
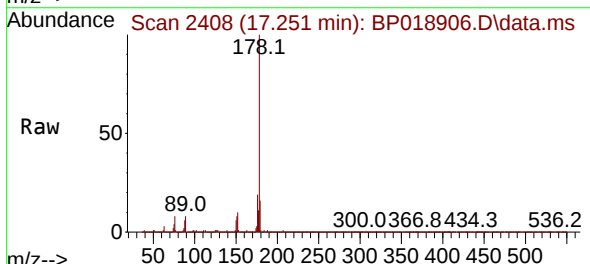
Manual Integrations
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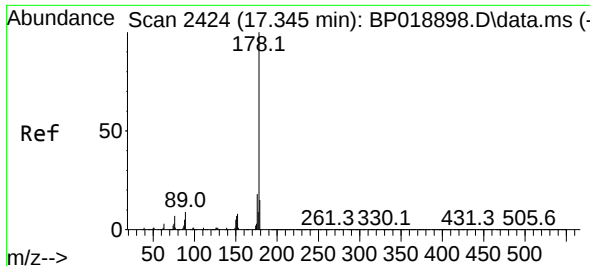
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#72
Phenanthrene
Concen: 11.469 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

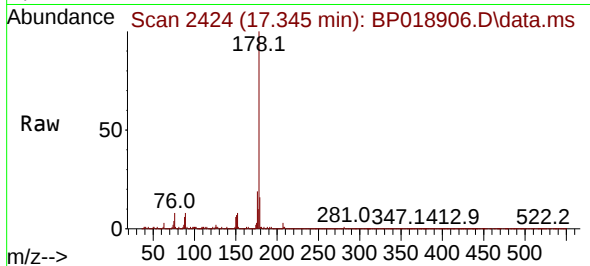
Tgt Ion:178 Resp: 904644
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.4 15.4 23.2





#74
 Anthracene
 Concen: 2.751 ng/ul
 RT: 17.345 min Scan# 2424
 Delta R.T. -0.000 min
 Lab File: BP018906.D
 Acq: 18 Dec 2023 14:44

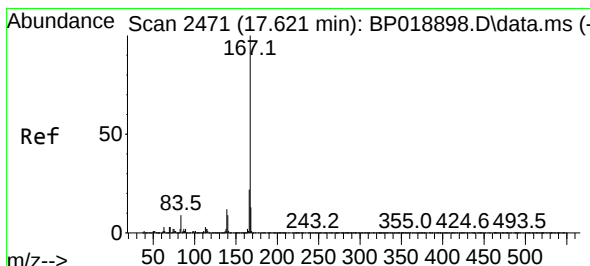
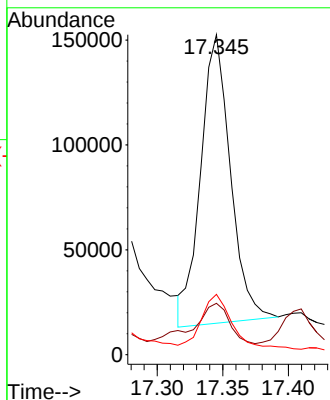
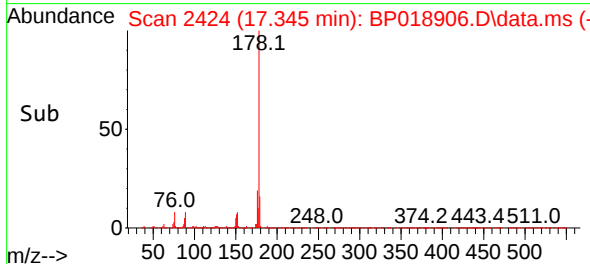
Instrument :
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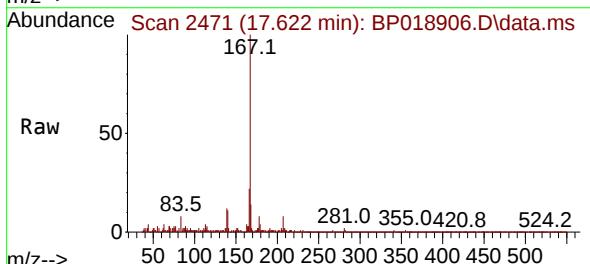
Tgt Ion:178 Resp: 21752
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.5 18.7
 176 18.8 15.0 22.6

Manual Integrations
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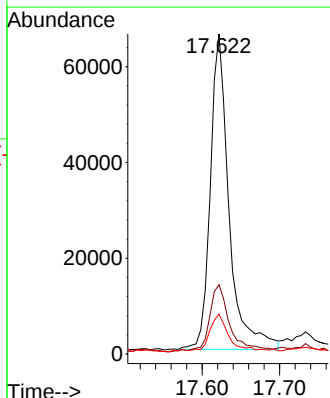
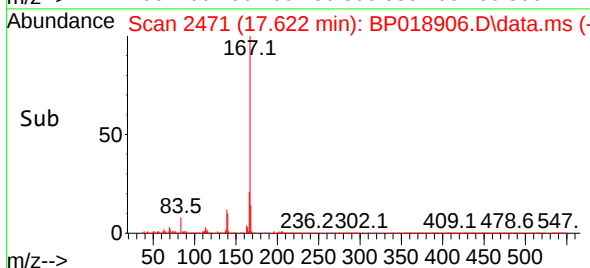
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

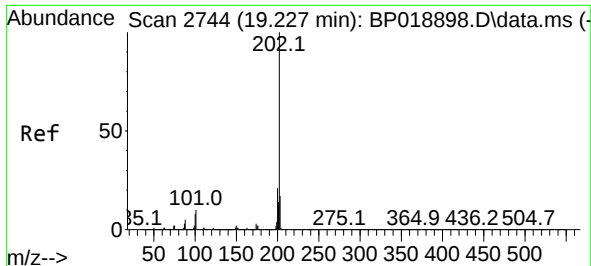


#77
 Carbazole
 Concen: 1.756 ng/ul
 RT: 17.622 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BP018906.D
 Acq: 18 Dec 2023 14:44



Tgt Ion:167 Resp: 110666
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.4 10.2 15.4





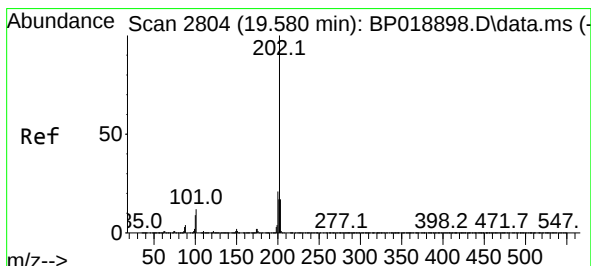
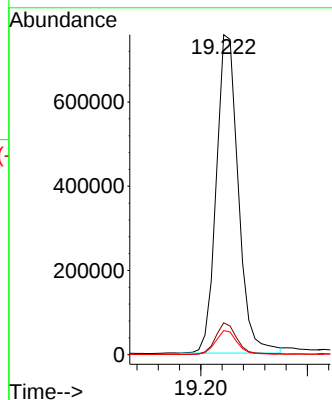
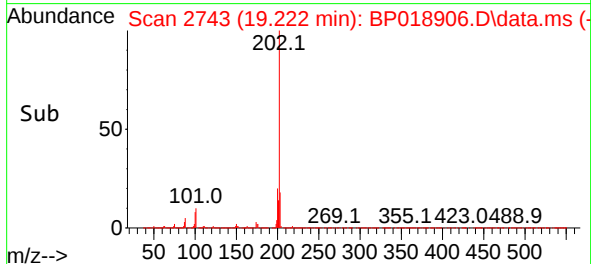
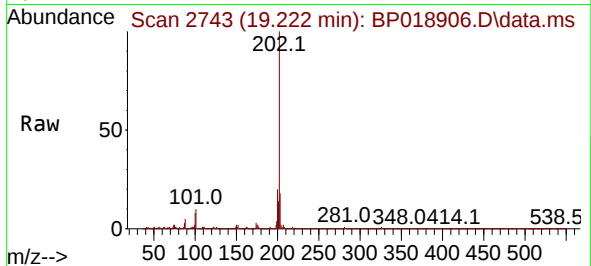
#80
Fluoranthene
Concen: 9.062 ng/u1
RT: 19.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
BNA_P
ClientSampleId :
BH3P9

Tgt Ion:202 Resp: 108163
Ion Ratio Lower Upper
202 100
101 10.0 9.1 13.7
100 7.5 7.1 10.7

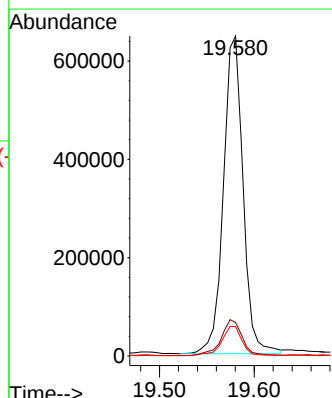
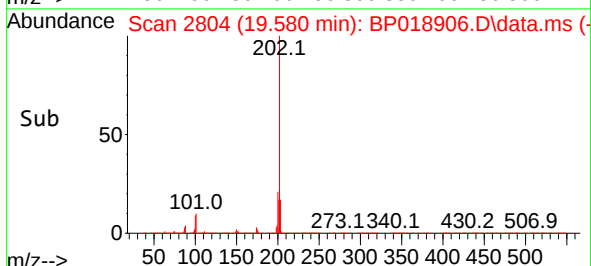
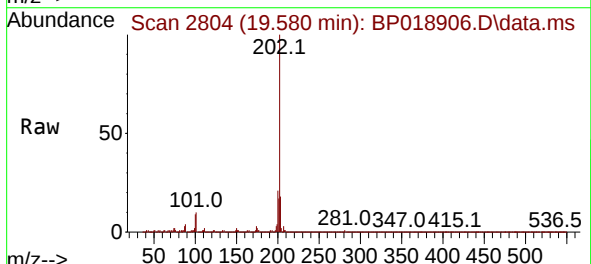
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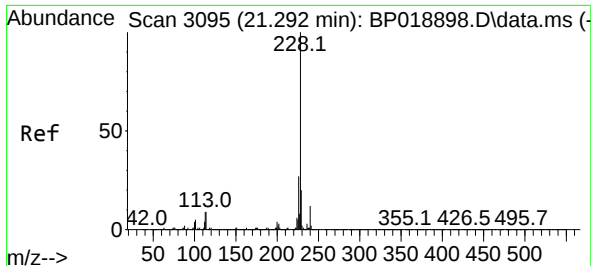
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#82
Pyrene
Concen: 7.740 ng/u1
RT: 19.580 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Tgt Ion:202 Resp: 932052
Ion Ratio Lower Upper
202 100
101 10.4 11.0 16.4#
100 9.2 9.1 13.7





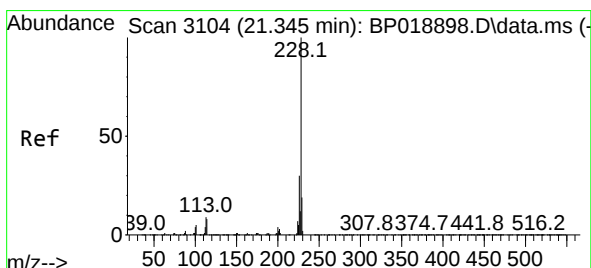
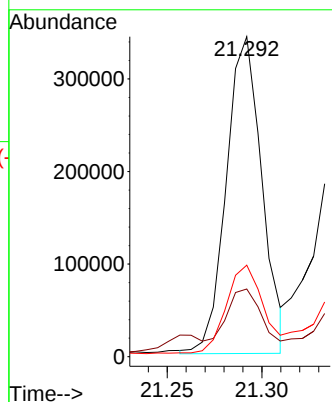
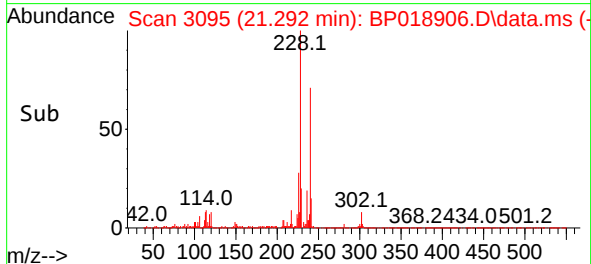
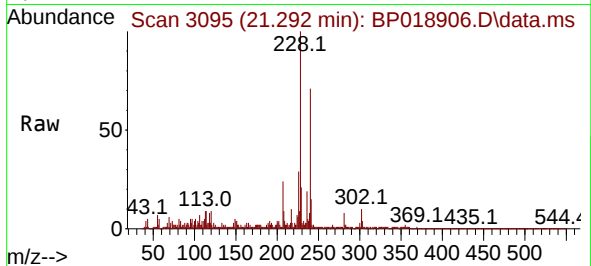
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Benzo(a)anthracene
Concen: 4.262 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

Instrument :
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ClientSampleId :
BH3P9

Tgt Ion:228 Resp: 448730
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.6 21.9 32.9

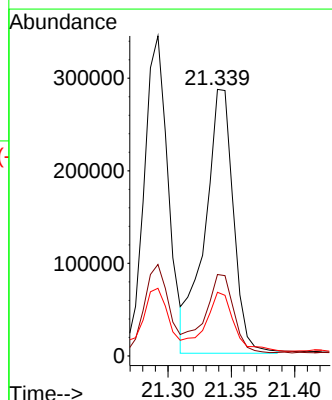
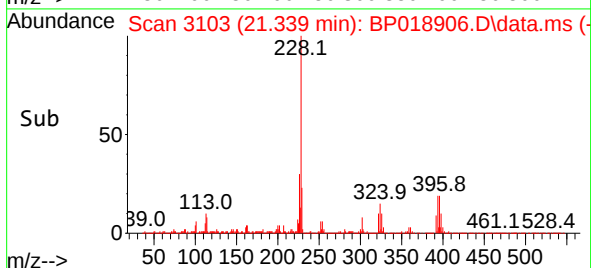
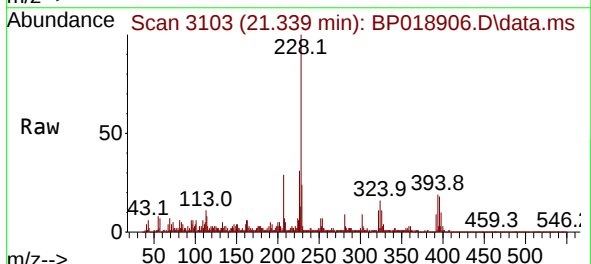
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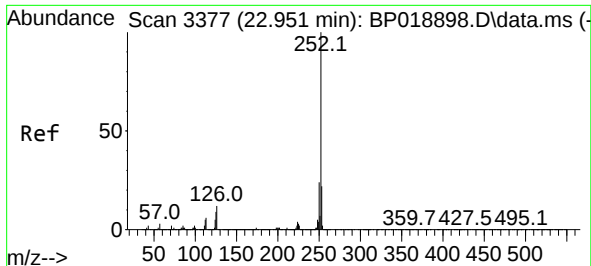
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#87
Chrysene
Concen: 4.609 ng/ul m
RT: 21.339 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

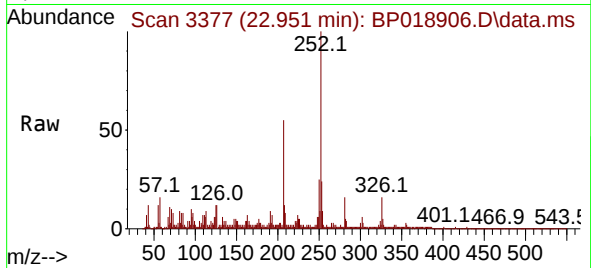
Tgt Ion:228 Resp: 446870
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 23.9 15.6 23.4#





#90
Benzo(b)fluoranthene
Concen: 5.036 ng/ul
RT: 22.951 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44

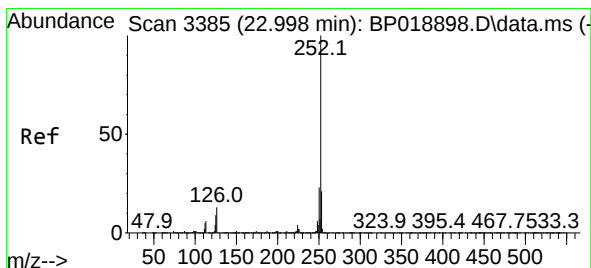
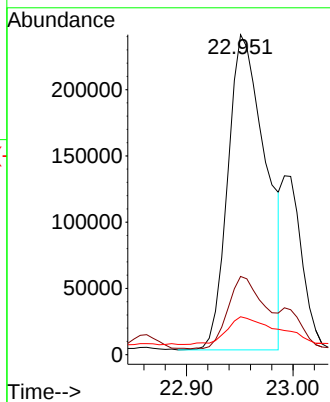
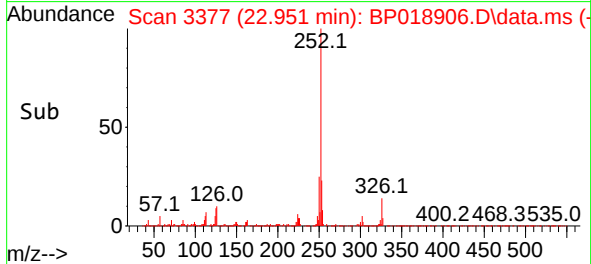
Instrument :
BNA_P
ClientSampleId :
BH3P9



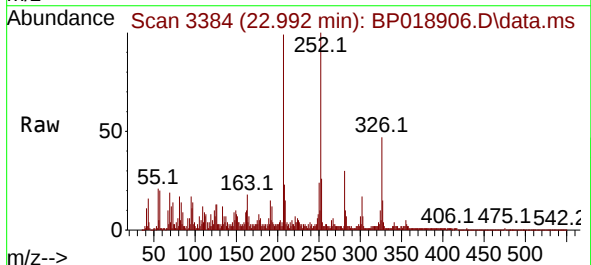
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Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 11.8 7.8 11.6

Manual Integrations
APPROVED

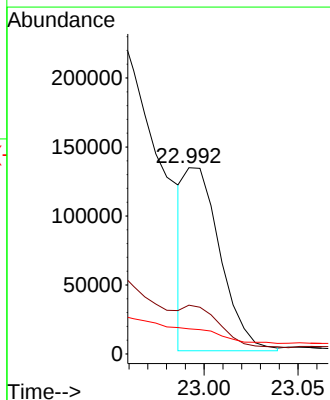
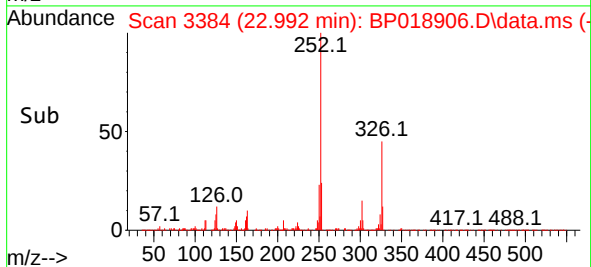
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

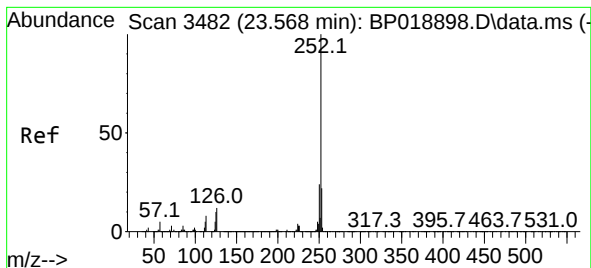


#91
Benzo(k)fluoranthene
Concen: 1.540 ng/ul m
RT: 22.992 min Scan# 3384
Delta R.T. -0.000 min
Lab File: BP018906.D
Acq: 18 Dec 2023 14:44



Tgt Ion:252 Resp: 174658
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 13.5 8.0 12.0





#93

Benzo(a)pyrene

Concen: 3.868 ng/ul

RT: 23.568 min Scan# 3482

Delta R.T. 0.006 min

Lab File: BP018906.D

Acq: 18 Dec 2023 14:44

Instrument :

BNA_P

ClientSampleId :

BH3P9

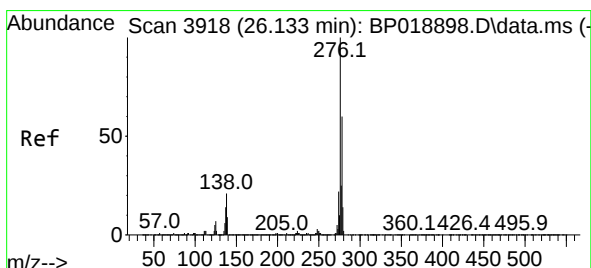
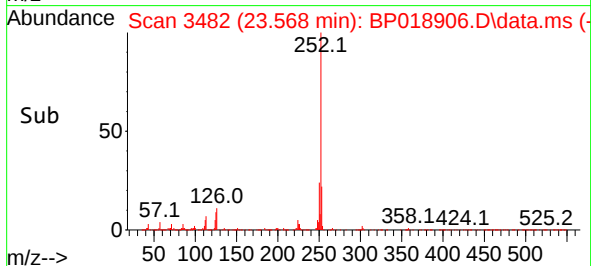
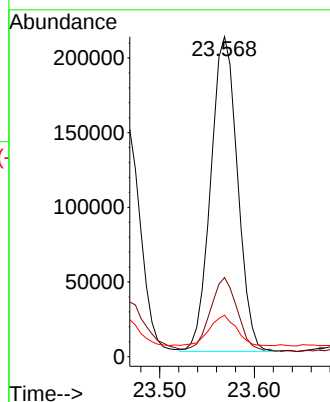
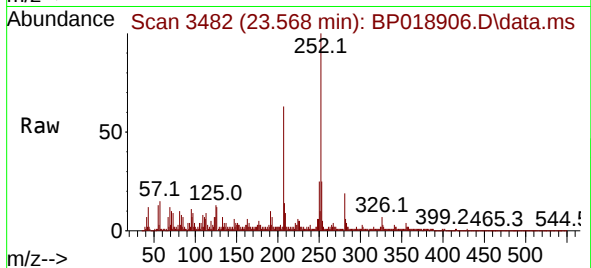
Tgt Ion:	252	Resp:	41433
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.8	26.8
125	13.0	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.354 ng/ul

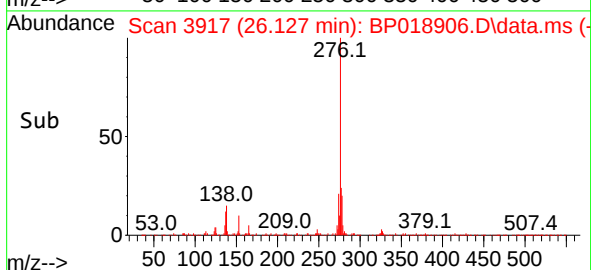
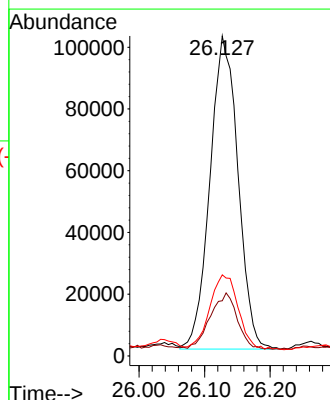
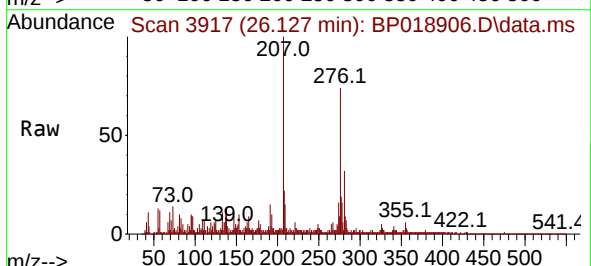
RT: 26.127 min Scan# 3917

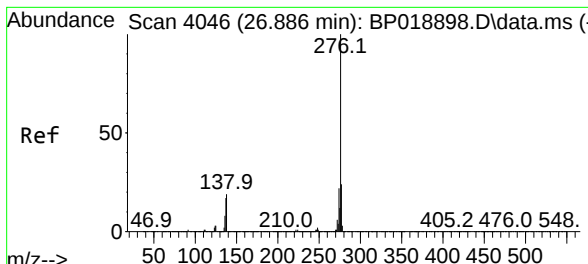
Delta R.T. 0.006 min

Lab File: BP018906.D

Acq: 18 Dec 2023 14:44

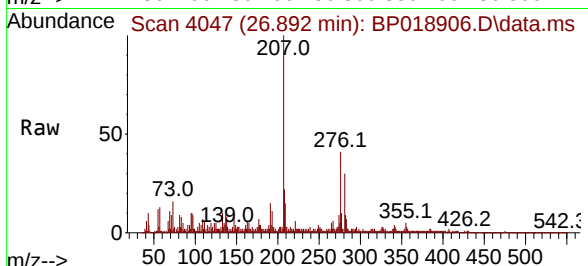
Tgt Ion:	276	Resp:	301212
Ion Ratio	Lower	Upper	
276	100		
138	17.3	19.4	29.2
277	25.3	19.8	29.6





#96
 Benzo(g,h,i)perylene
 Concen: 1.814 ng/ul
 RT: 26.892 min Scan# 4047
 Delta R.T. 0.018 min
 Lab File: BP018906.D
 Acq: 18 Dec 2023 14:44

Instrument :
 BNA_P
 ClientSampleId :
 BH3P9



Tgt Ion: 276 Resp: 186862

Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.1	27.1
277	25.3	19.4	29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

