

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016896.D
 Acq On : 31 Aug 2023 14:10
 Operator : MA/JU
 Sample : 04113-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYL3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 01:32:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	377976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.858	136	1600686	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	955038	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1928999	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1229273	20.000	ng/ul	0.02
88) Perylene-d12	24.133	264	1272337	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	30809	3.369	ng/uL	0.00
4) Pyridine-d5	3.829	84	32995	1.181	ng/ul	0.02
7) Phenol-d5	7.175	99	576299	17.147	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	389500	18.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	470898	18.635	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	294022	10.716	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	235643	19.470	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	207926	16.299	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	416277	17.503	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	179342	4.917	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	1416394	19.666	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1661981	20.413	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	109410	7.350	ng/ul	0.01
60) Fluorene-d10	15.681	176	1269150	20.925	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	6921m	0.602	ng/ul	0.01
73) Anthracene-d10	17.551	188	1870344	21.874	ng/ul	0.00
81) Pyrene-d10	19.792	212	1873902	27.756	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.963	264	1372668	21.538	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.875	105	148801	3.498	ng/ul	100
30) Naphthalene	10.911	128	226088	2.727	ng/ul	98
36) 2-Methylnaphthalene	12.510	142	74738	1.306	ng/ul	97
37) 1-Methylnaphthalene	12.728	142	65602	1.137	ng/ul	91
72) Phenanthrene	17.498	178	666278	6.561	ng/ul	99
74) Anthracene	17.587	178	169607	1.652	ng/ul	98
80) Fluoranthene	19.463	202	1178661	14.533	ng/ul	98
82) Pyrene	19.822	202	1043576	12.457	ng/ul	98
85) Benzo(a)anthracene	21.539	228	513636	6.066	ng/ul#	95
87) Chrysene	21.598	228	509062	6.619	ng/ul#	92
90) Benzo(b)fluoranthene	23.333	252	625632	7.700	ng/ul#	83
91) Benzo(k)fluoranthene	23.380	252	246010m	3.062	ng/ul	
93) Benzo(a)pyrene	24.016	252	450811	6.134	ng/ul#	83
94) Indeno(1,2,3-cd)pyrene	26.868	276	319804	4.259	ng/ul	92
95) Dibenzo(a,h)anthracene	26.892	278	96592m	1.549	ng/ul	
96) Benzo(g,h,i)perylene	27.733	276	316922	5.566	ng/ul#	93

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

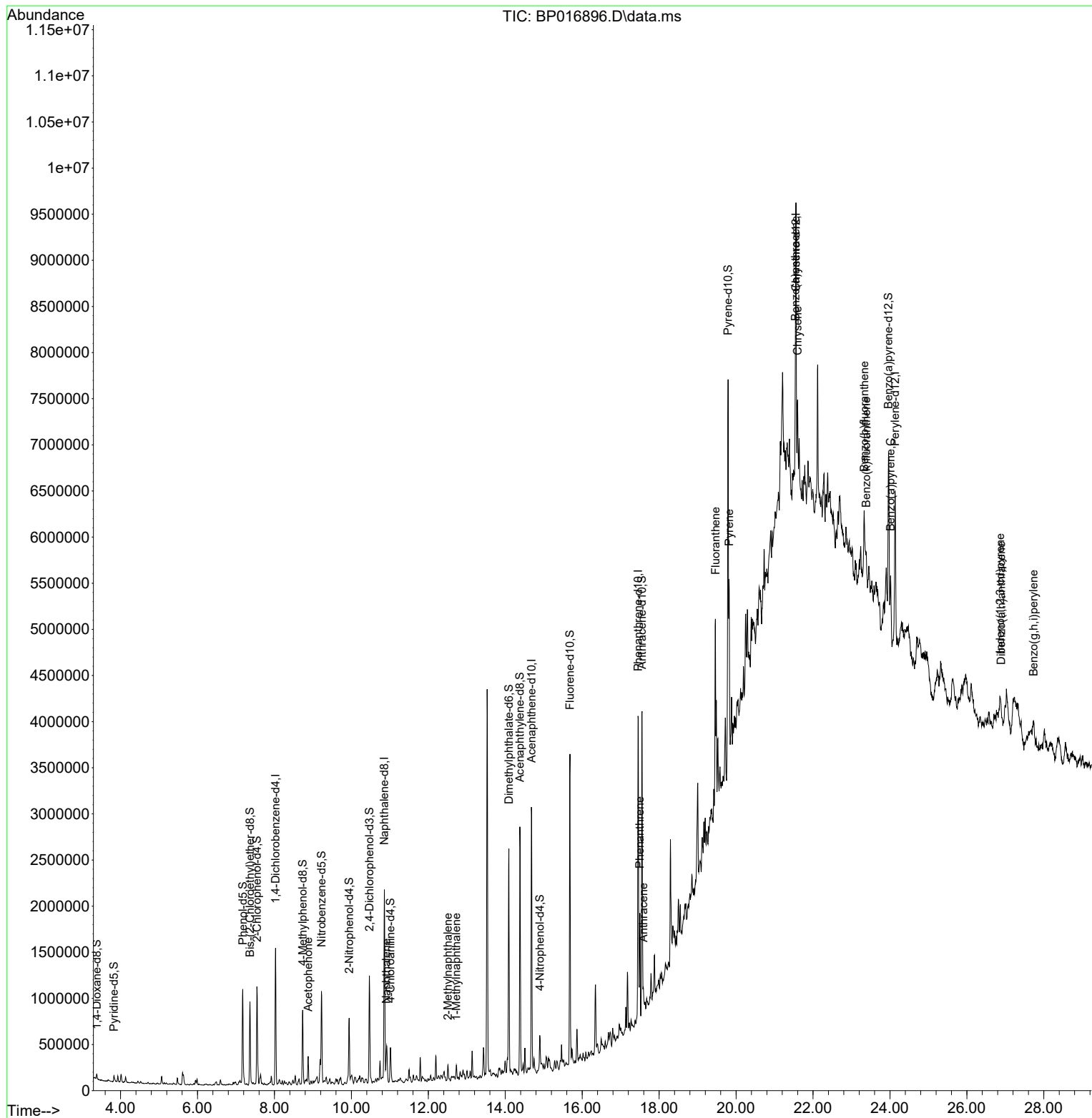
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
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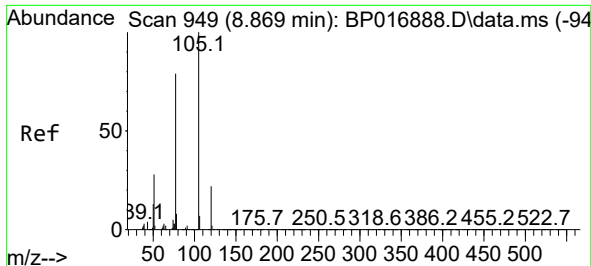
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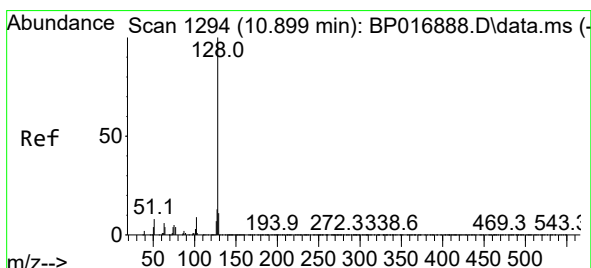
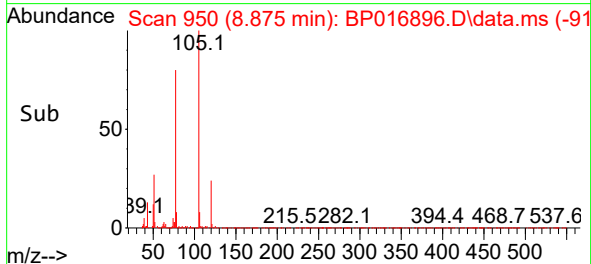
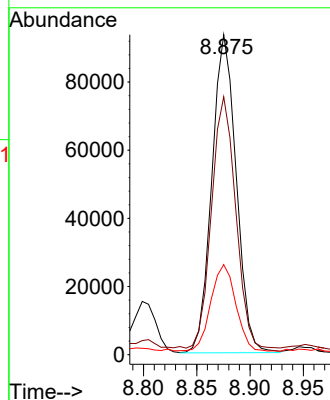
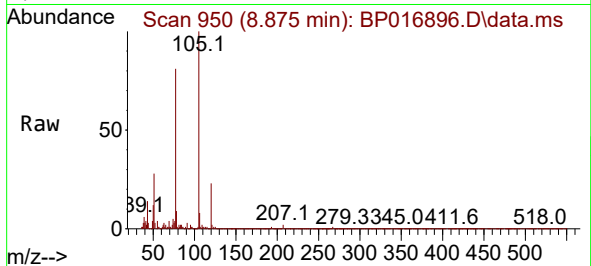
#16
Acetophenone
Concen: 3.498 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016896.D
Acq: 31 Aug 2023 14:10

Instrument :
BNA_P
ClientSampleId :
EZY3

Tgt Ion:105 Resp: 14880
Ion Ratio Lower Upper
105 100
77 80.6 64.2 96.4
51 28.1 22.2 33.4

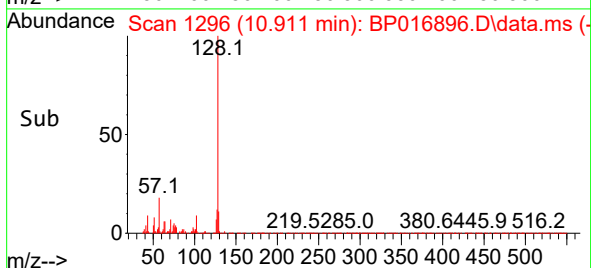
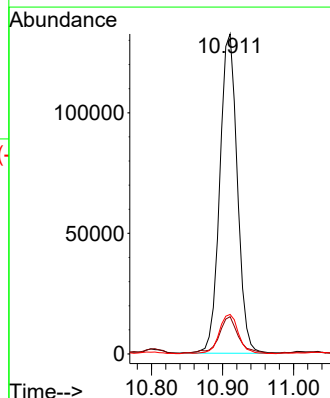
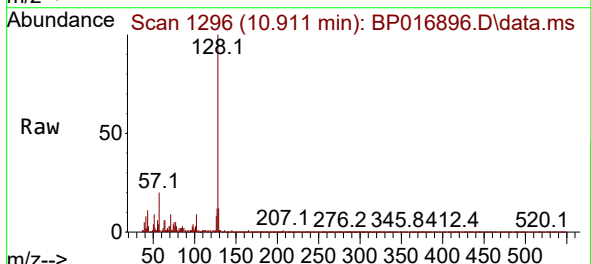
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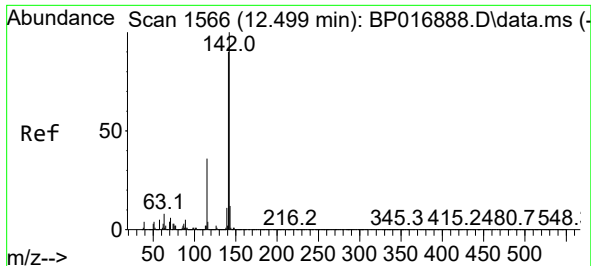
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#30
Naphthalene
Concen: 2.727 ng/ul
RT: 10.911 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP016896.D
Acq: 31 Aug 2023 14:10

Tgt Ion:128 Resp: 226088
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 12.4 10.3 15.5





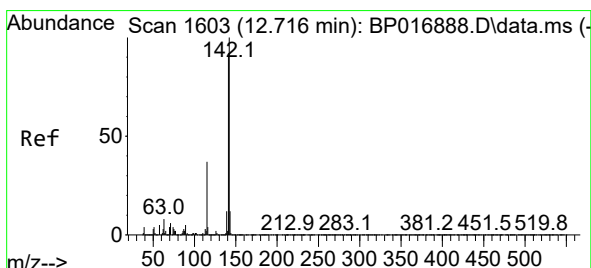
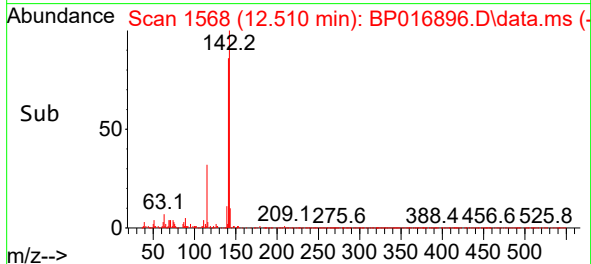
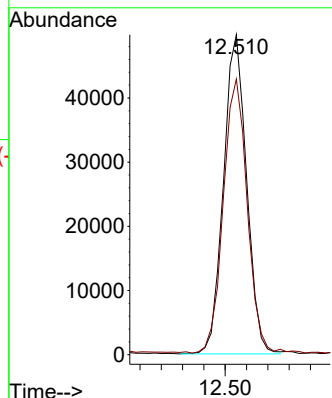
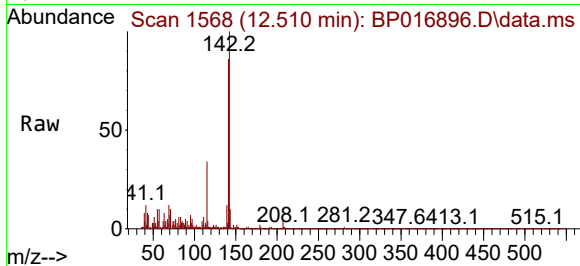
#36
2-Methylnaphthalene
Concen: 1.306 ng/ul
RT: 12.510 min Scan# 1568
Delta R.T. 0.006 min
Lab File: BP016896.D
Acq: 31 Aug 2023 14:10

Instrument :
BNA_P
ClientSampleId :
EZYL3

Tgt Ion:142 Resp: 74738
Ion Ratio Lower Upper
142 100
141 86.2 71.4 107.0

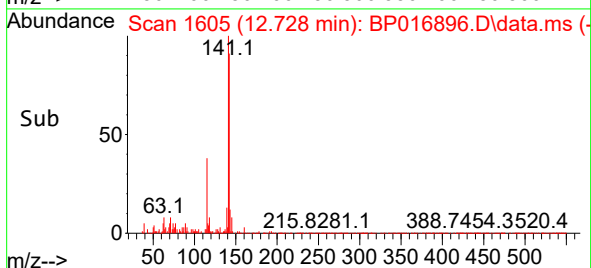
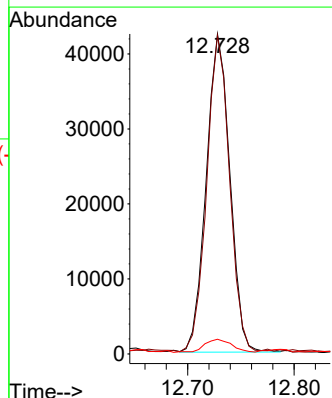
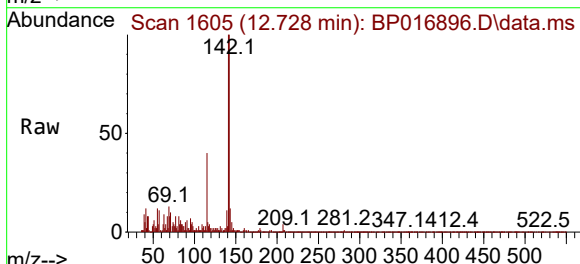
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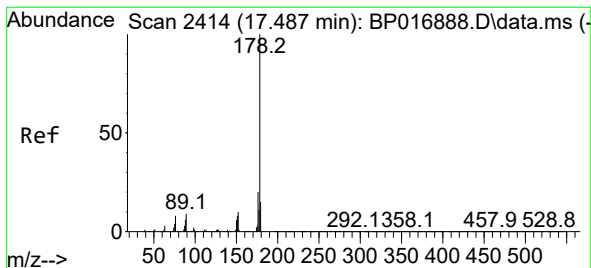
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#37
1-Methylnaphthalene
Concen: 1.137 ng/ul
RT: 12.728 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BP016896.D
Acq: 31 Aug 2023 14:10

Tgt Ion:142 Resp: 65602
Ion Ratio Lower Upper
142 100
141 99.5 73.0 109.4
116 4.6 3.1 4.7





#72

Phenanthrene

Concen: 6.561 ng/ul

RT: 17.498 min Scan# 2414

Delta R.T. 0.012 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

Instrument :

BNA_P

ClientSampleId :

EZYL3

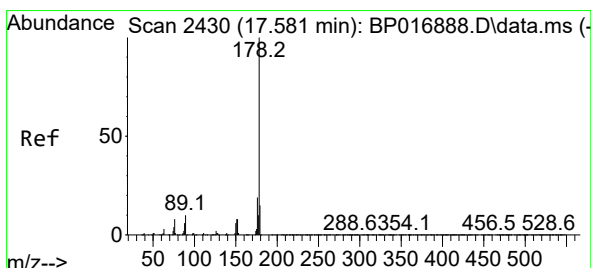
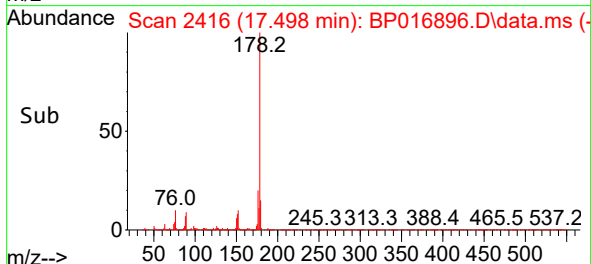
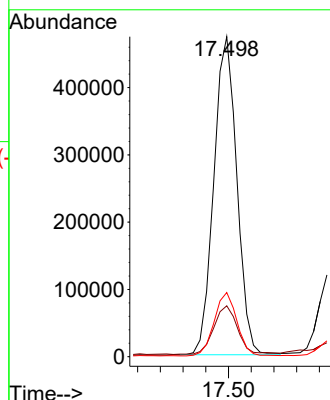
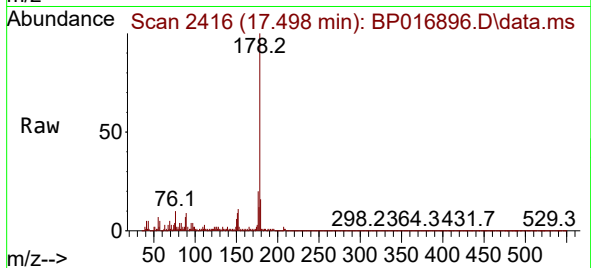
Tgt Ion:178 Resp: 666278
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.4 18.6
 176 20.1 15.6 23.4

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#74

Anthracene

Concen: 1.652 ng/ul

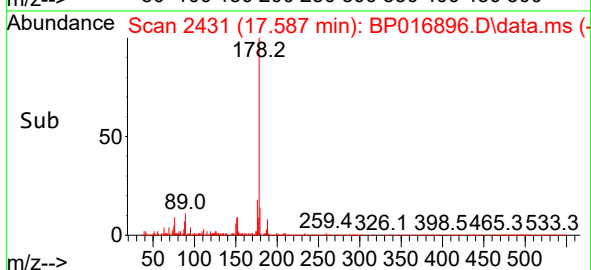
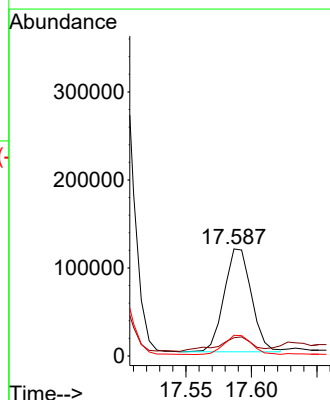
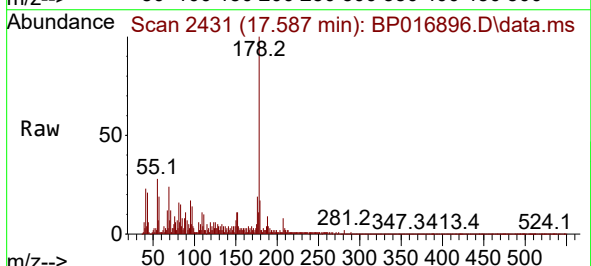
RT: 17.587 min Scan# 2431

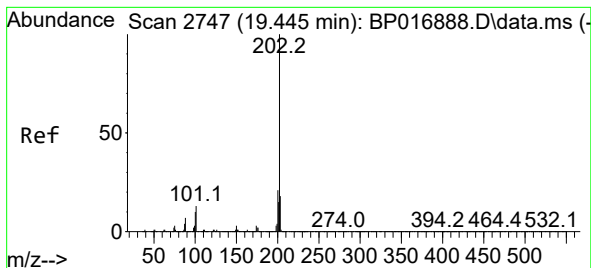
Delta R.T. 0.006 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

Tgt Ion:178 Resp: 169607
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.4 18.6
 176 19.3 15.3 22.9





#80

Fluoranthene

Concen: 14.533 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

Instrument :

BNA_P

ClientSampleId :

EZYL3

Tgt Ion:202 Resp: 117866

Ion Ratio Lower Upper

202 100

101 11.3 9.7 14.5

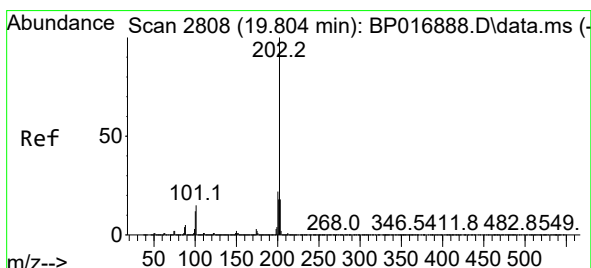
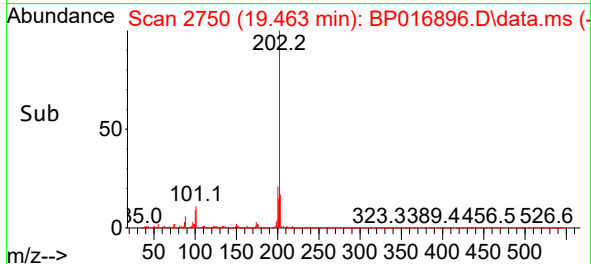
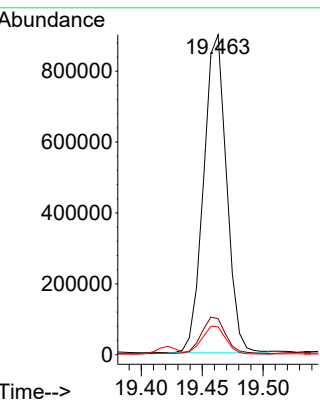
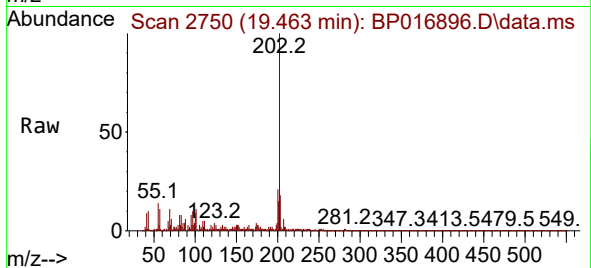
100 8.7 7.4 11.2

Manual Integrations

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Supervised By :mohammad ahmed 09/01/2023



#82

Pyrene

Concen: 12.457 ng/ul

RT: 19.822 min Scan# 2811

Delta R.T. 0.012 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

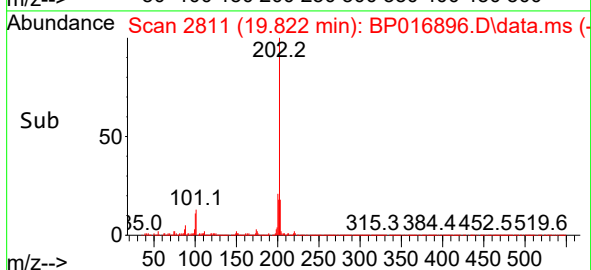
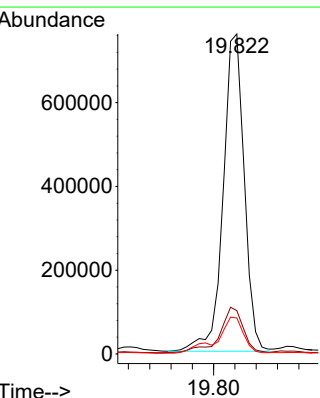
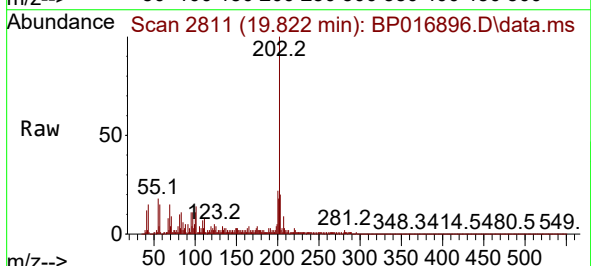
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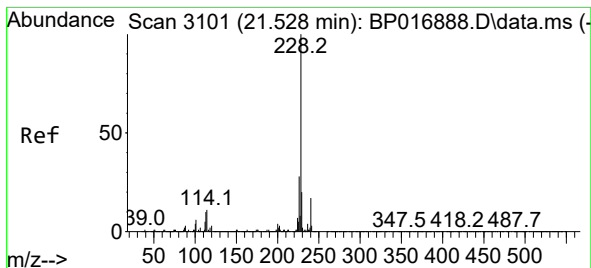
Ion Ratio Lower Upper

202 100

101 13.5 11.4 17.2

100 11.3 9.4 14.2





#85

Benzo(a)anthracene

Concen: 6.066 ng/ul

RT: 21.539 min Scan# 3103

Delta R.T. 0.012 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

Instrument :

BNA_P

ClientSampleId :

EZYL3

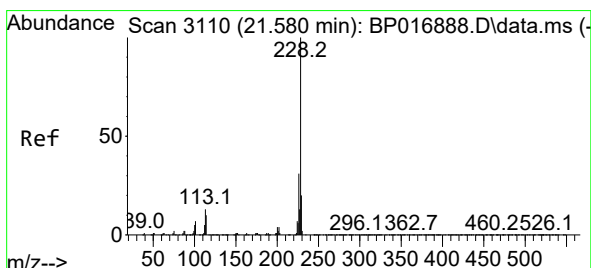
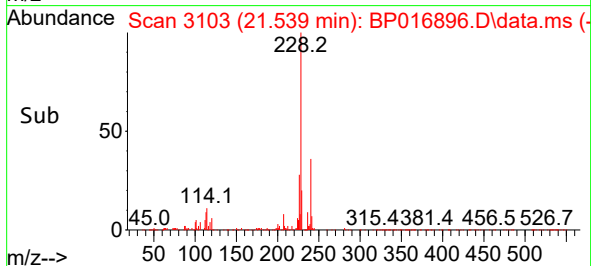
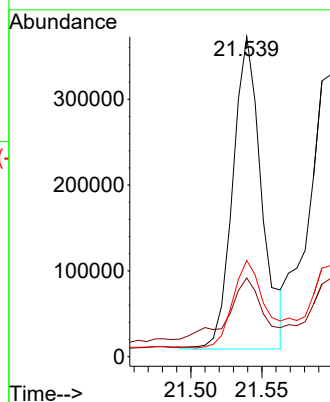
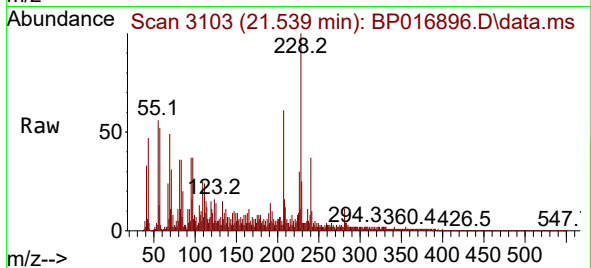
Tgt Ion:228 Resp: 513630
 Ion Ratio Lower Upper
 228 100
 229 24.6 16.2 24.4
 226 30.1 22.9 34.3

Manual Integrations

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#87

Chrysene

Concen: 6.619 ng/ul

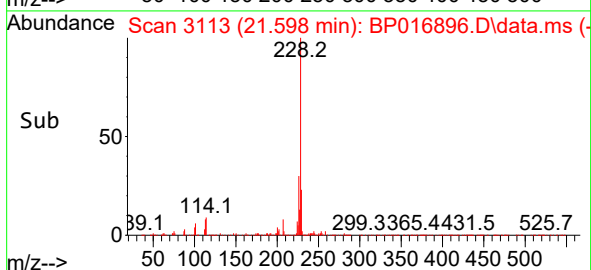
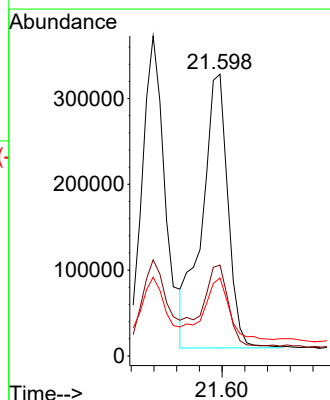
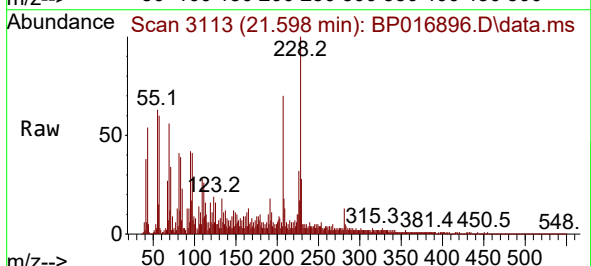
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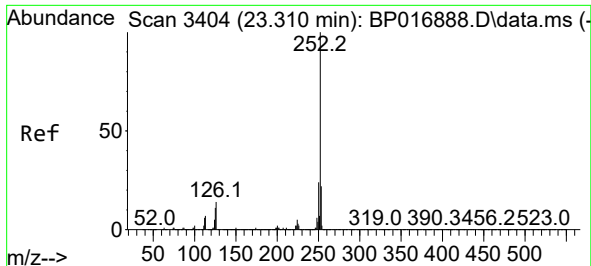
Delta R.T. 0.018 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

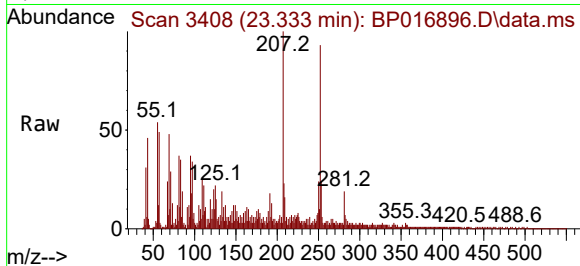
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 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.4
 229 27.7 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 7.700 ng/ul
RT: 23.333 min Scan# 3404
Delta R.T. 0.024 min
Lab File: BP016896.D
Acq: 31 Aug 2023 14:10

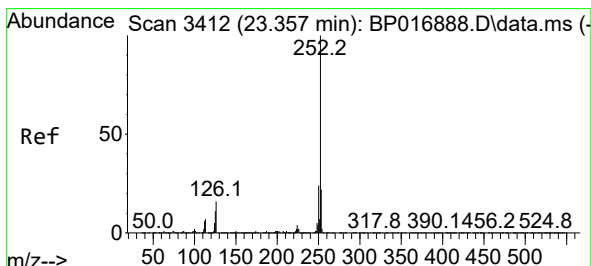
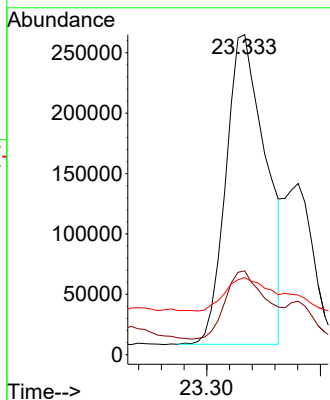
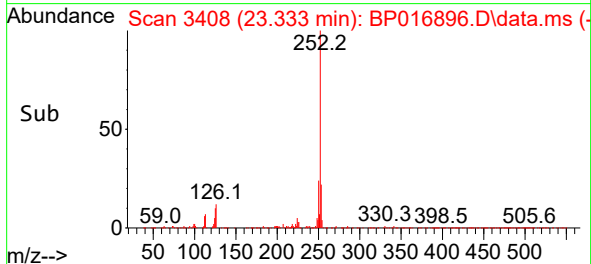
Instrument :
BNA_P
ClientSampleId :
EZYL3



Tgt Ion:252 Resp: 625632
Ion Ratio Lower Upper
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253 26.2 17.7 26.5
125 24.1 9.0 13.4

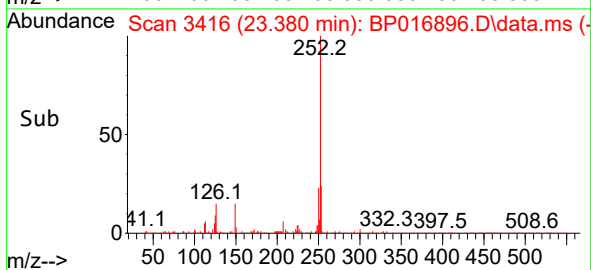
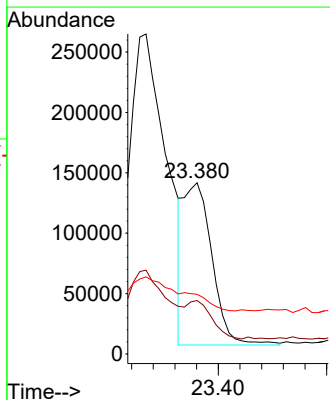
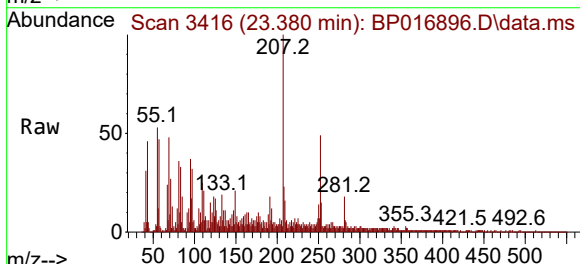
Manual Integrations
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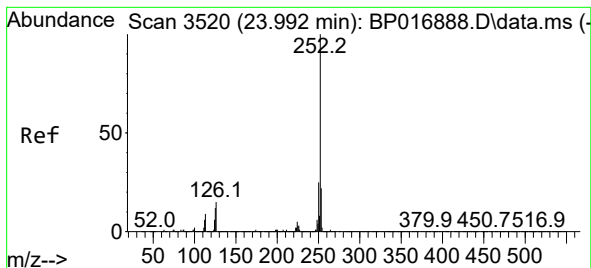
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#91
Benzo(k)fluoranthene
Concen: 3.062 ng/ul m
RT: 23.380 min Scan# 3416
Delta R.T. 0.018 min
Lab File: BP016896.D
Acq: 31 Aug 2023 14:10

Tgt Ion:252 Resp: 246010
Ion Ratio Lower Upper
252 100
253 31.2 18.1 27.1#
125 34.9 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 6.134 ng/ul

RT: 24.016 min Scan# 3

Delta R.T. 0.024 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

Instrument :

BNA_P

ClientSampleId :

EZYL3

Tgt Ion:252 Resp: 45081

Ion Ratio Lower Upper

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253 27.2 17.8 26.8

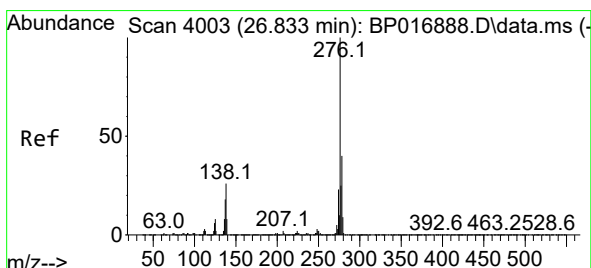
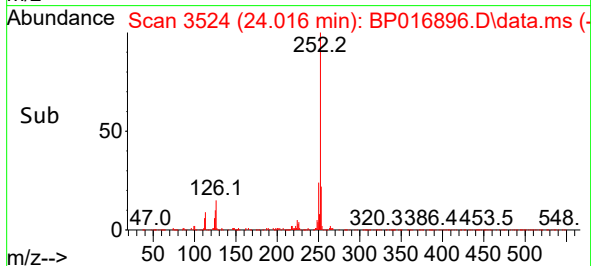
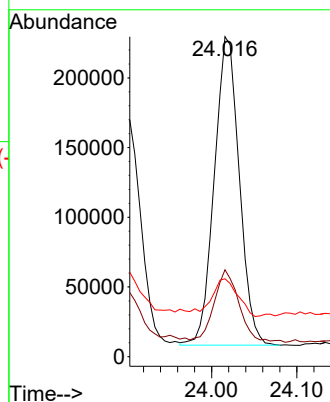
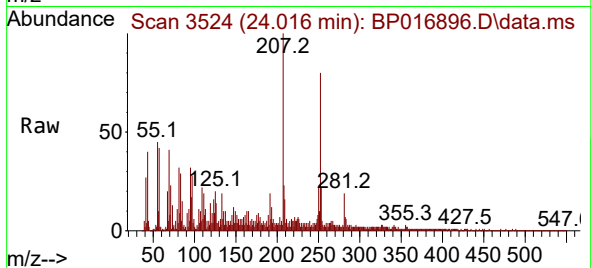
125 24.4 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.259 ng/ul

RT: 26.868 min Scan# 4009

Delta R.T. 0.036 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

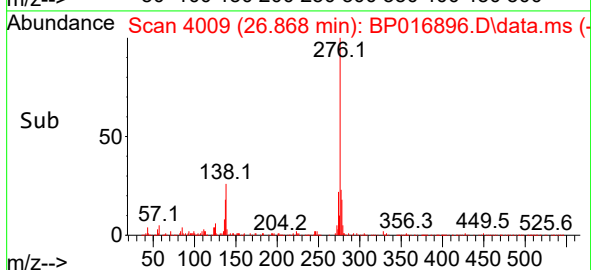
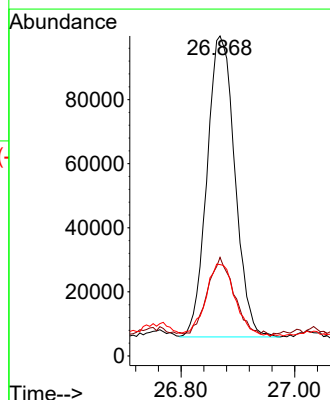
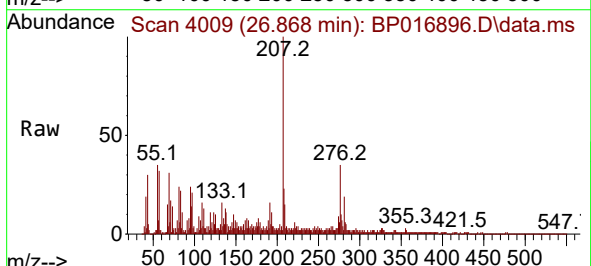
Tgt Ion:276 Resp: 319804

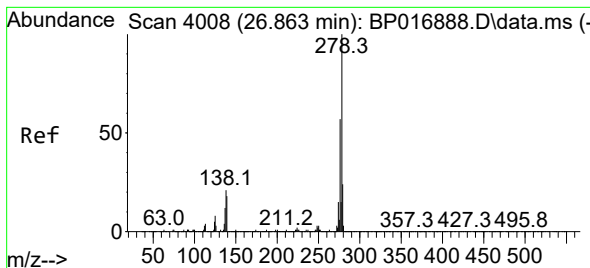
Ion Ratio Lower Upper

276 100

138 30.8 20.9 31.3

277 28.5 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 1.549 ng/ul m

RT: 26.892 min Scan# 4008

Delta R.T. 0.030 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

Instrument :

BNA_P

ClientSampleId :

EZYL3

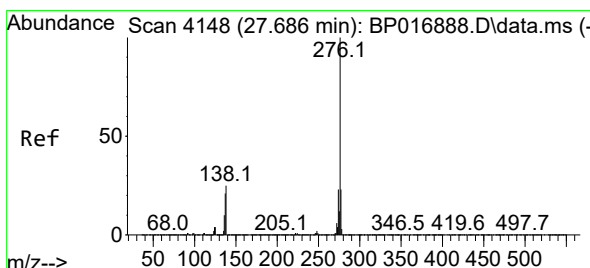
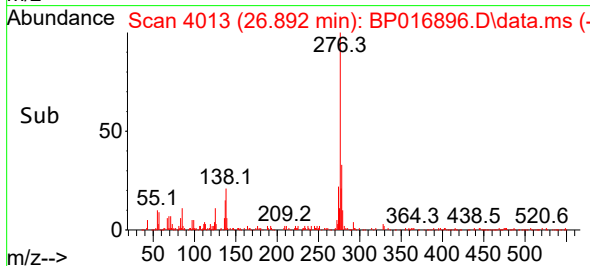
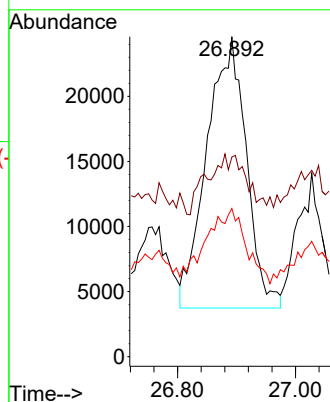
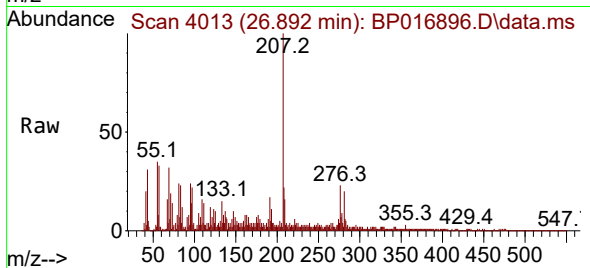
Tgt Ion:	278	Resp:	96592
Ion Ratio	Lower	Upper	
278	100		
139	62.4	15.0	22.6
279	46.3	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#96

Benzo(g,h,i)perylene

Concen: 5.566 ng/ul

RT: 27.733 min Scan# 4156

Delta R.T. 0.047 min

Lab File: BP016896.D

Acq: 31 Aug 2023 14:10

Tgt Ion:	276	Resp:	316922
Ion Ratio	Lower	Upper	
276	100		
138	27.1	20.2	30.4
277	29.0	19.3	28.9

