

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016895.D
 Acq On : 31 Aug 2023 13:36
 Operator : MA/JU
 Sample : 04113-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYH7

Manual Integrations
 APPROVED

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

Quant Time: Sep 01 01:28:17 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	528903	20.000	ng/ul	0.00
20) Naphthalene-d8	10.858	136	2158196	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1209258	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2095133	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1501845	20.000	ng/ul	0.02
88) Perylene-d12	24.139	264	1754317	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	36836	2.878	ng/uL	0.00
4) Pyridine-d5	3.834	84	48331	1.236	ng/ul	0.02
7) Phenol-d5	7.170	99	780839	16.603	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	489586	16.333	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	612922	17.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	423966	11.043	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	293427	17.982	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	314081	18.260	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	543412	16.946	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	94034	1.912	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	1670220	18.315	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1862532	18.067	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	169361	8.985	ng/ul	0.00
60) Fluorene-d10	15.675	176	1383792	18.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	43374	3.476	ng/ul	0.00
73) Anthracene-d10	17.551	188	1855231	19.977	ng/ul	0.00
81) Pyrene-d10	19.787	212	1743960	21.143	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.969	264	1702881	19.378	ng/ul	0.03
Target Compounds					Qvalue	
16) Acetophenone	8.875	105	210075	3.529	ng/ul	99
52) Acenaphthene	14.746	153	98014	1.256	ng/ul	98
61) Fluorene	15.734	166	99442	1.110	ng/ul	98
72) Phenanthrene	17.498	178	1180251	10.700	ng/ul	99
74) Anthracene	17.587	178	324951	2.914	ng/ul	99
77) Carbazole	17.869	167	117086	1.166	ng/ul#	96
80) Fluoranthene	19.457	202	1788516	18.050	ng/ul	99
82) Pyrene	19.816	202	1391986	13.600	ng/ul	99
85) Benzo(a)anthracene	21.539	228	723344	6.992	ng/ul	97
87) Chrysene	21.592	228	665463m	7.082	ng/ul	
90) Benzo(b)fluoranthene	23.333	252	825313	7.367	ng/ul#	80
91) Benzo(k)fluoranthene	23.380	252	291317m	2.629	ng/ul	
93) Benzo(a)pyrene	24.022	252	615130	6.071	ng/ul#	82
94) Indeno(1,2,3-cd)pyrene	26.880	276	386973	3.737	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.898	278	100322	1.167	ng/ul#	18
96) Benzo(g,h,i)perylene	27.751	276	385366	4.909	ng/ul#	89

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

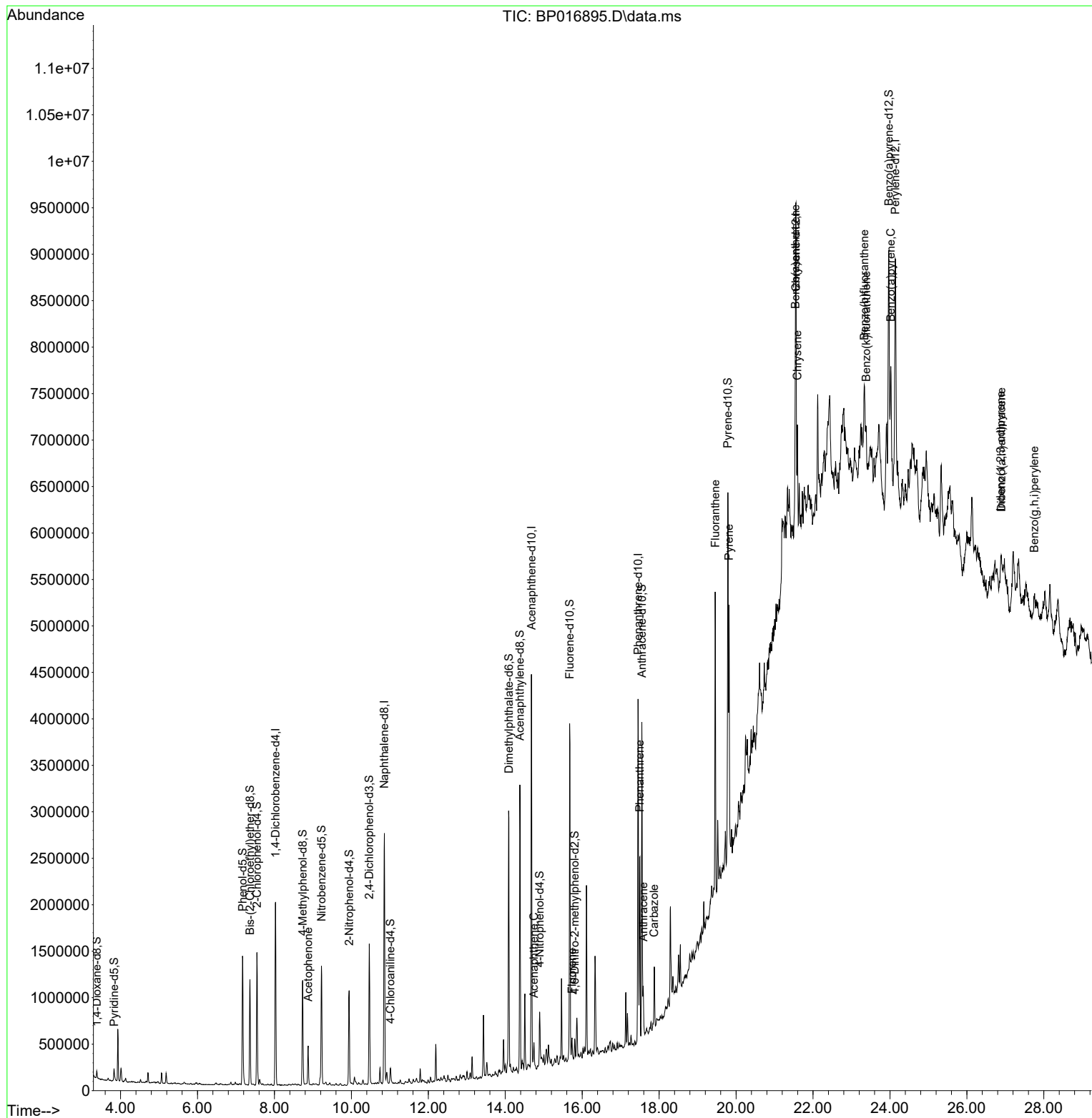
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
Data File : BP016895.D
Acq On : 31 Aug 2023 13:36
Operator : MA/JU
Sample : 04113-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

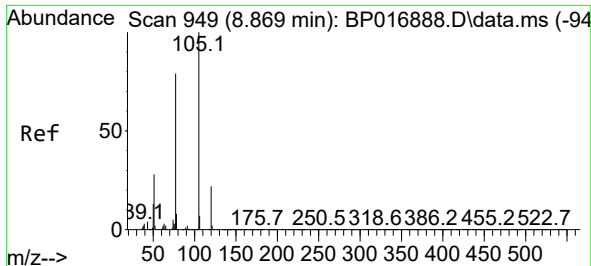
Instrument :
BNA_P
ClientSampleId :
EZYH7

Quant Time: Sep 01 01:28:17 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

Manual Integrations
APPROVED

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





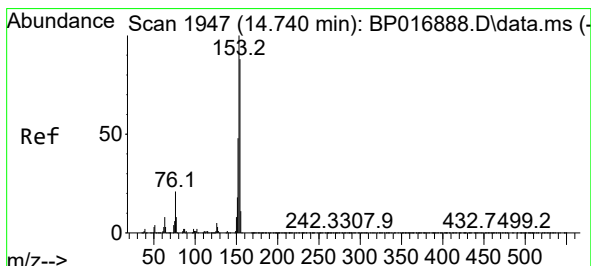
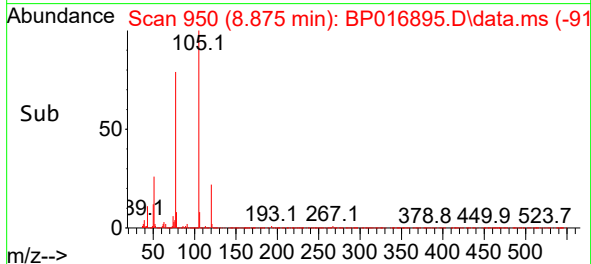
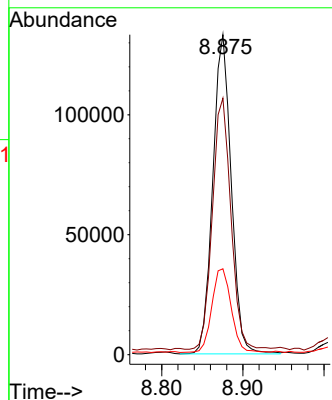
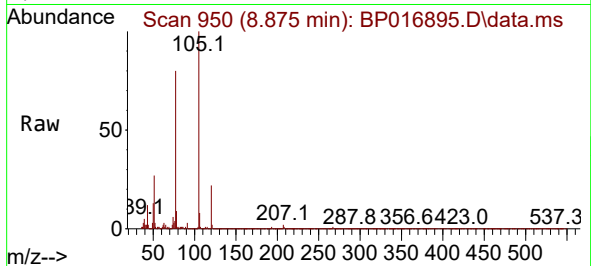
#16
Acetophenone
Concen: 3.529 ng/ul
RT: 8.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

Instrument :
BNA_P
ClientSampleId :
EZYH7

Tgt Ion:105 Resp: 21007
Ion Ratio Lower Upper
105 100
77 80.2 64.2 96.4
51 26.9 22.2 33.4

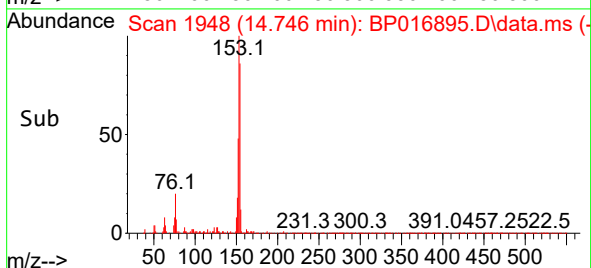
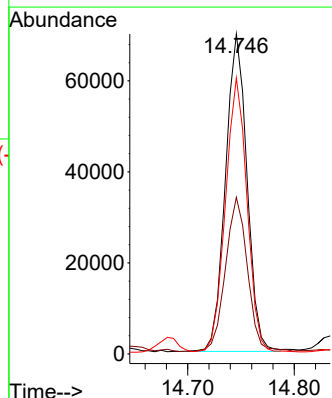
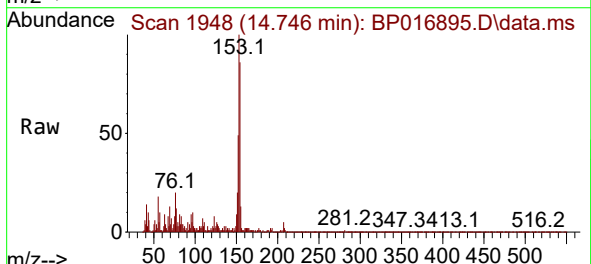
Manual Integrations
APPROVED

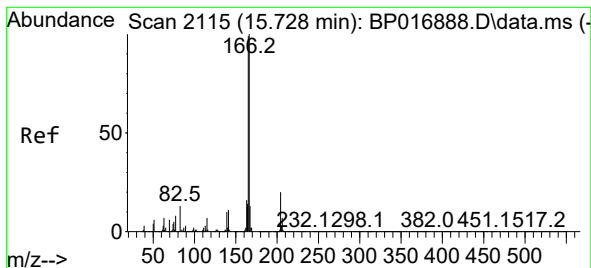
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#52
Acenaphthene
Concen: 1.256 ng/ul
RT: 14.746 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

Tgt Ion:153 Resp: 98014
Ion Ratio Lower Upper
153 100
152 49.0 38.5 57.7
154 86.3 70.6 105.8





#61

Fluorene

Concen: 1.110 ng/ul

RT: 15.734 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Instrument :

BNA_P

ClientSampleId :

EZYH7

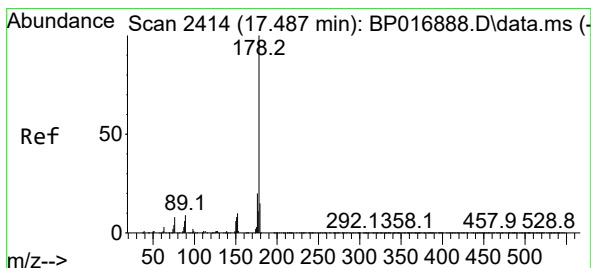
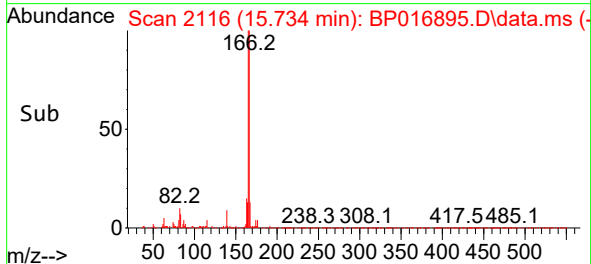
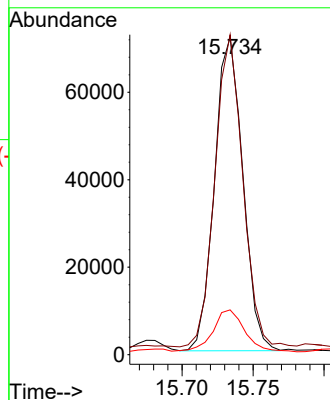
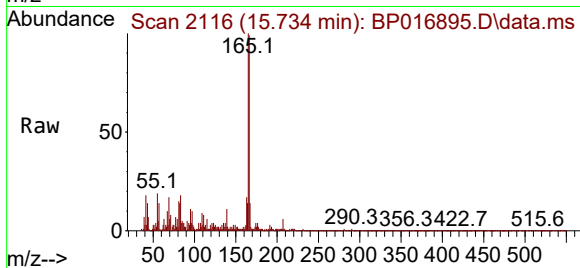
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.8	118.2
167	14.1	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#72

Phenanthrene

Concen: 10.700 ng/ul

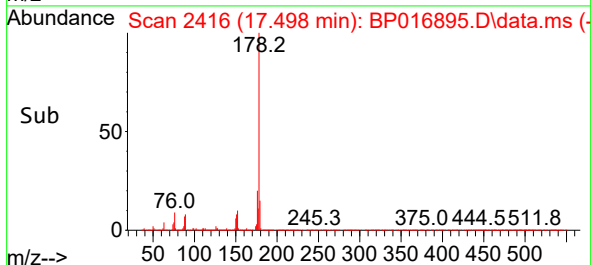
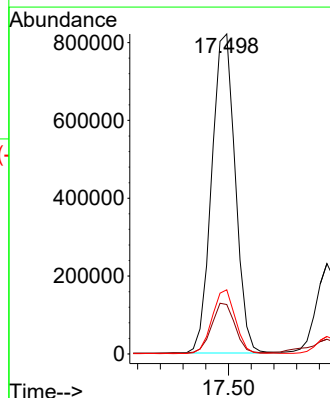
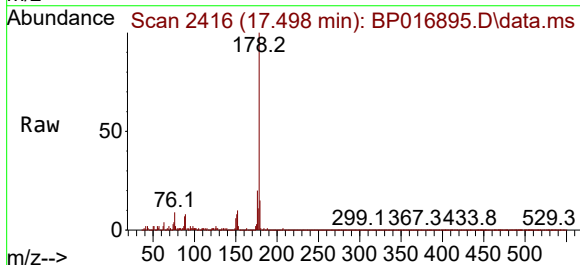
RT: 17.498 min Scan# 2416

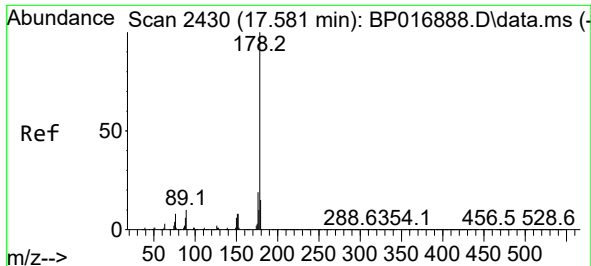
Delta R.T. 0.012 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

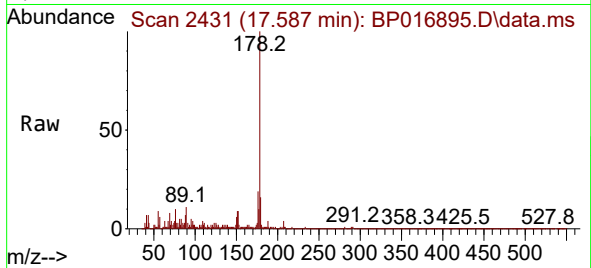
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	20.1	15.6	23.4





#74
 Anthracene
 Concen: 2.914 ng/ul
 RT: 17.587 min Scan# 2430
 Delta R.T. 0.006 min
 Lab File: BP016895.D
 Acq: 31 Aug 2023 13:36

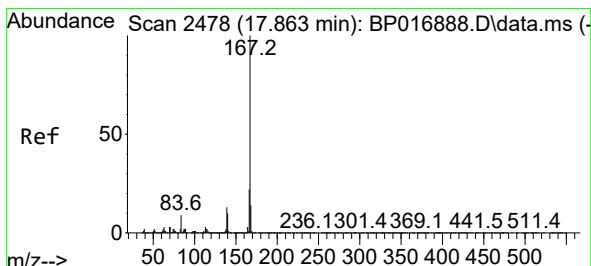
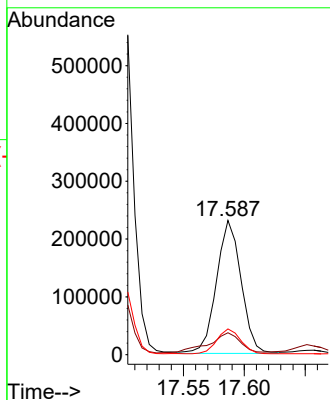
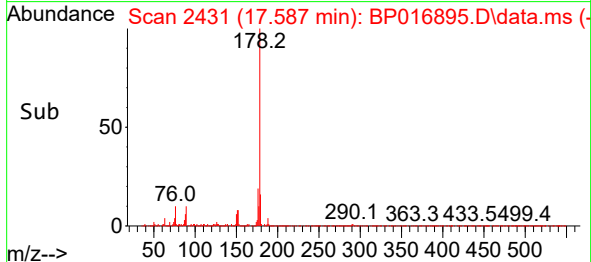
Instrument :
 BNA_P
 ClientSampleId :
 EZYH7



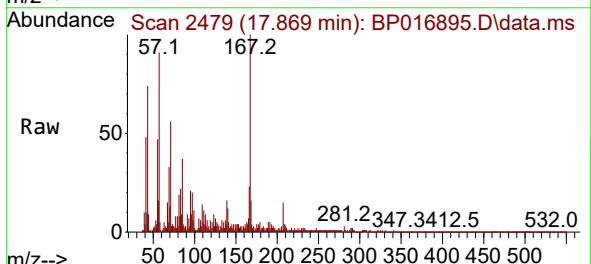
Tgt Ion:178 Resp: 32495
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.4 18.6
 176 19.2 15.3 22.9

Manual Integrations
 APPROVED

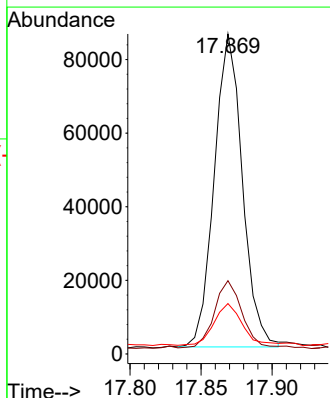
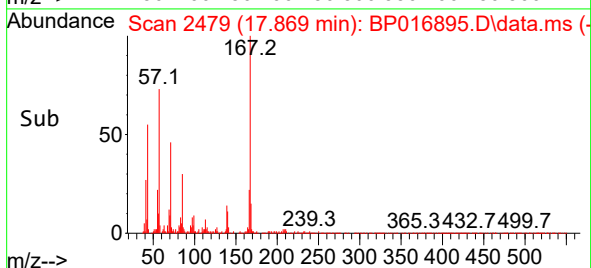
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

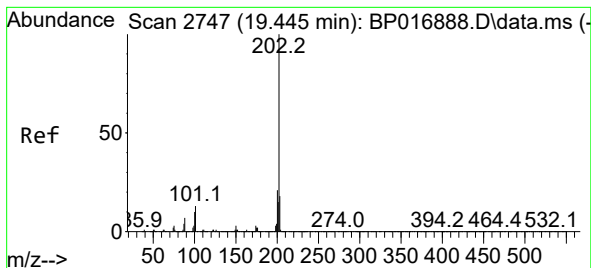


#77
 Carbazole
 Concen: 1.166 ng/ul
 RT: 17.869 min Scan# 2479
 Delta R.T. 0.006 min
 Lab File: BP016895.D
 Acq: 31 Aug 2023 13:36



Tgt Ion:167 Resp: 117086
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.2
 139 15.8 10.4 15.6#





#80

Fluoranthene

Concen: 18.050 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Instrument :

BNA_P

ClientSampleId :

EZYH7

Tgt Ion:202 Resp: 1788510

Ion Ratio Lower Upper

202 100

101 12.5 9.7 14.5

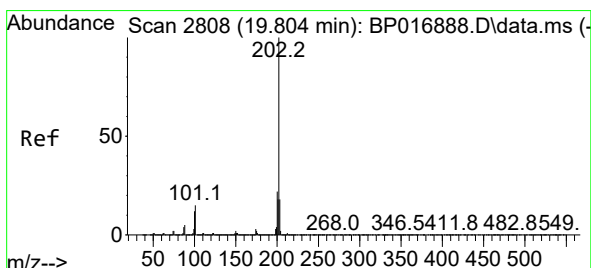
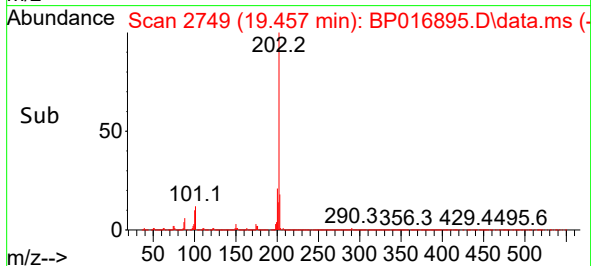
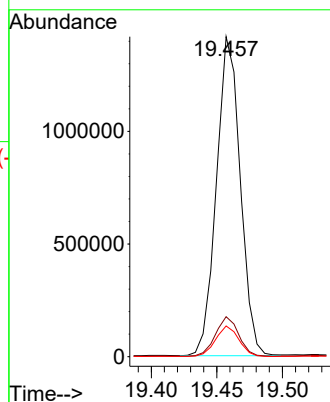
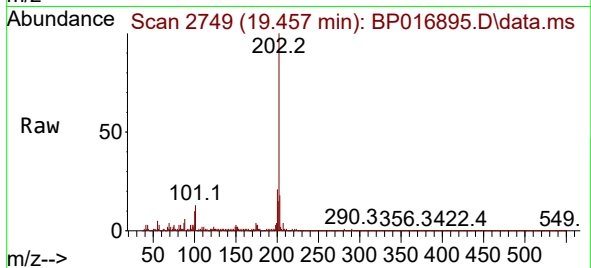
100 9.6 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#82

Pyrene

Concen: 13.600 ng/ul

RT: 19.816 min Scan# 2810

Delta R.T. 0.006 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

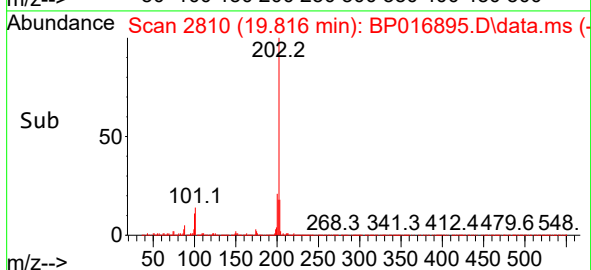
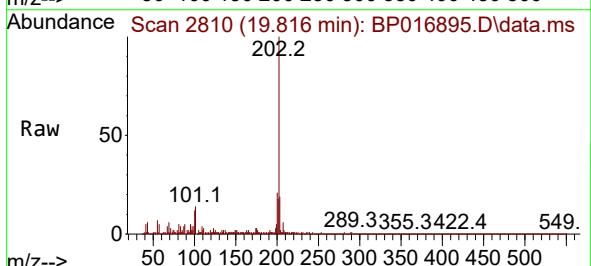
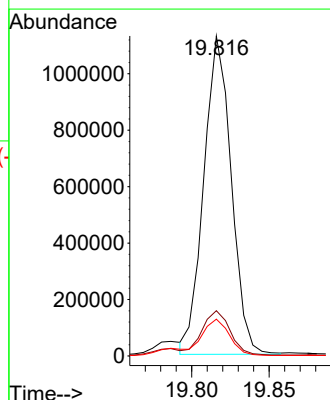
Tgt Ion:202 Resp: 1391986

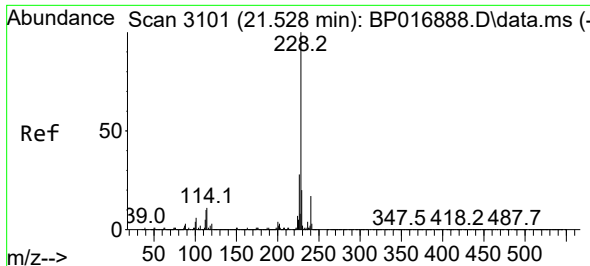
Ion Ratio Lower Upper

202 100

101 14.1 11.4 17.2

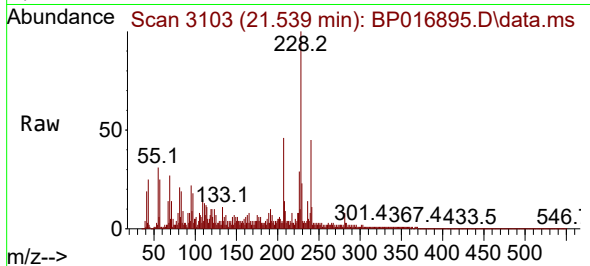
100 11.5 9.4 14.2





#85
Benzo(a)anthracene
Concen: 6.992 ng/ul
RT: 21.539 min Scan# 3103
Delta R.T. 0.012 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

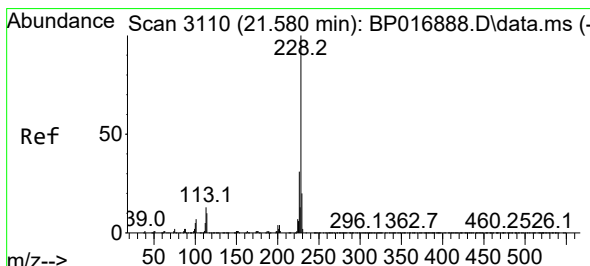
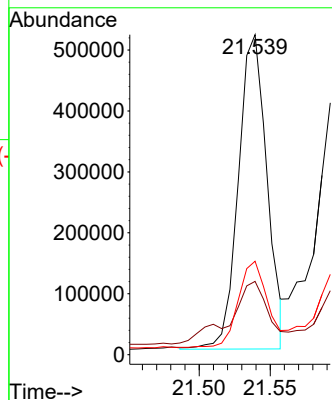
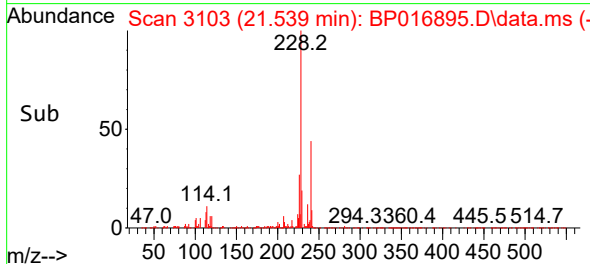
Instrument :
BNA_P
ClientSampleId :
EZYH7



Tgt Ion:228 Resp: 723344
Ion Ratio Lower Upper
228 100
229 22.9 16.2 24.4
226 29.2 22.9 34.3

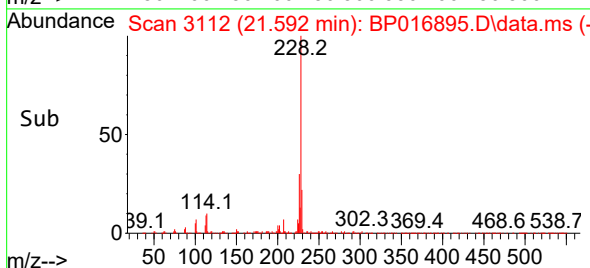
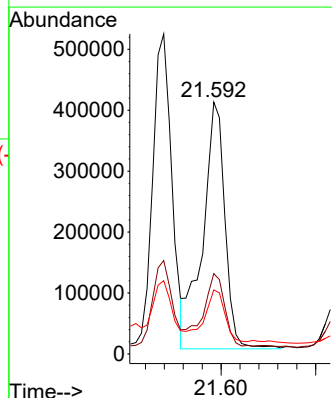
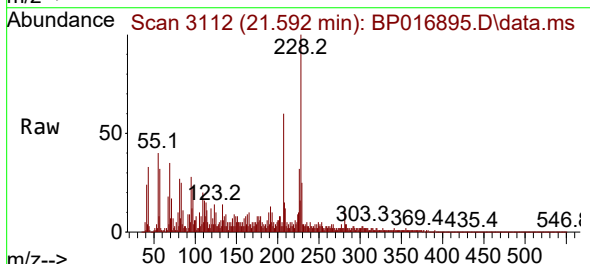
Manual Integrations
APPROVED

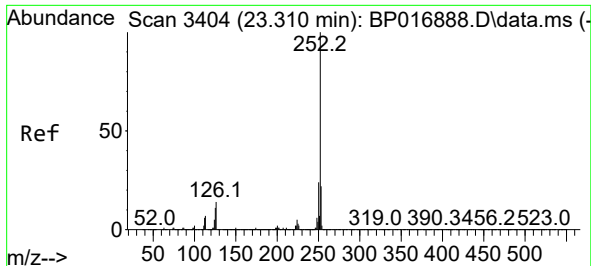
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#87
Chrysene
Concen: 7.082 ng/ul m
RT: 21.592 min Scan# 3112
Delta R.T. 0.012 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

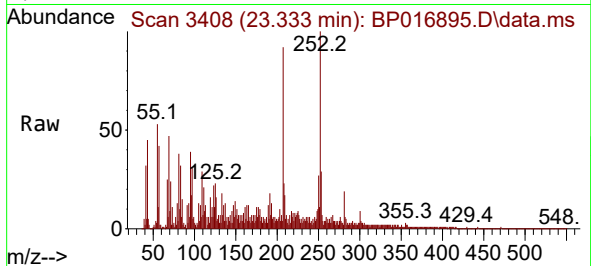
Tgt Ion:228 Resp: 665463
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.4
229 25.4 16.0 24.0#





#90
Benzo(b)fluoranthene
Concen: 7.367 ng/ul
RT: 23.333 min Scan# 3404
Delta R.T. 0.024 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

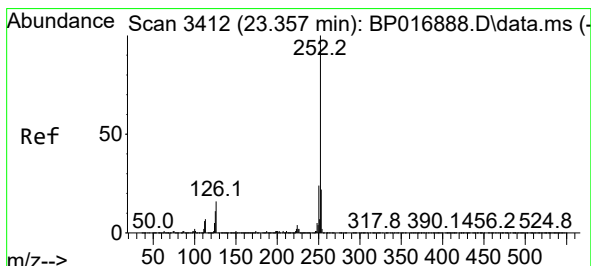
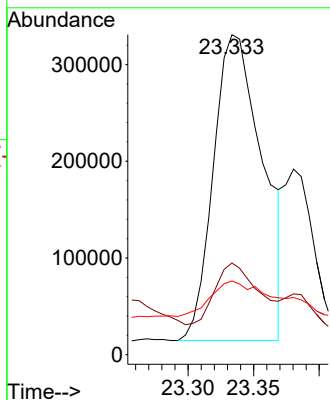
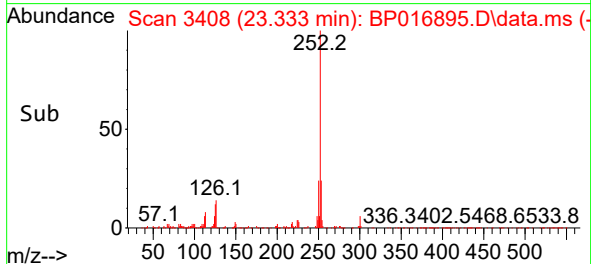
Instrument :
BNA_P
ClientSampleId :
EZYH7



Tgt Ion:252 Resp: 825311
Ion Ratio Lower Upper
252 100
253 28.6 17.7 26.5#
125 23.1 9.0 13.4#

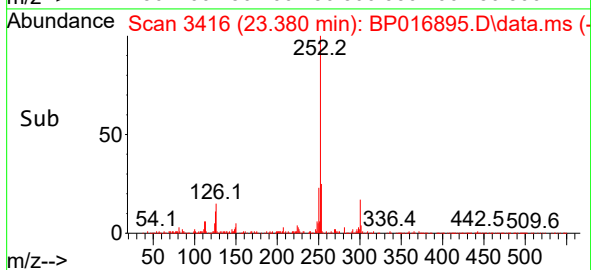
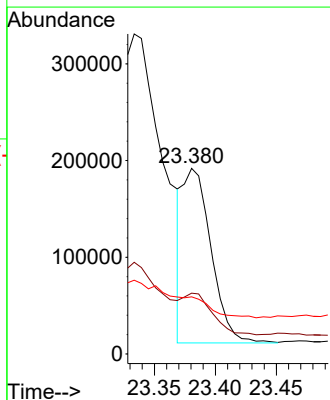
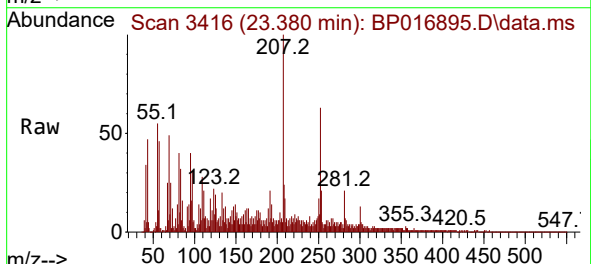
Manual Integrations
APPROVED

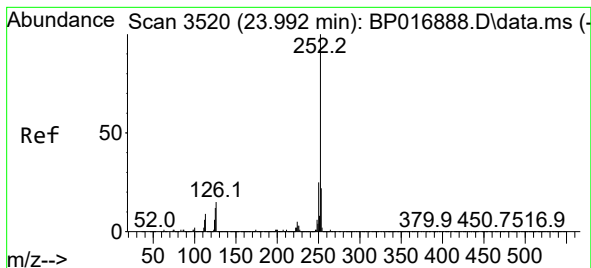
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#91
Benzo(k)fluoranthene
Concen: 2.629 ng/ul m
RT: 23.380 min Scan# 3416
Delta R.T. 0.018 min
Lab File: BP016895.D
Acq: 31 Aug 2023 13:36

Tgt Ion:252 Resp: 291317
Ion Ratio Lower Upper
252 100
253 32.8 18.1 27.1#
125 30.7 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 6.071 ng/ul

RT: 24.022 min Scan# 3

Delta R.T. 0.030 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Instrument :

BNA_P

ClientSampleId :

EZYH7

Tgt Ion:252 Resp: 615130

Ion Ratio Lower Upper

252 100

253 27.8 17.8 26.8

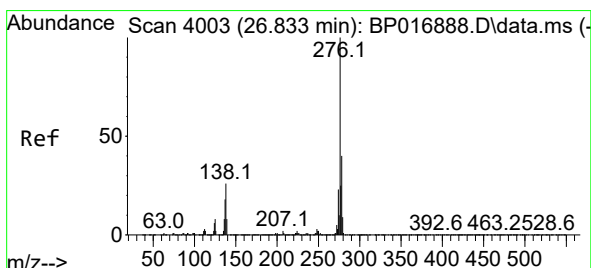
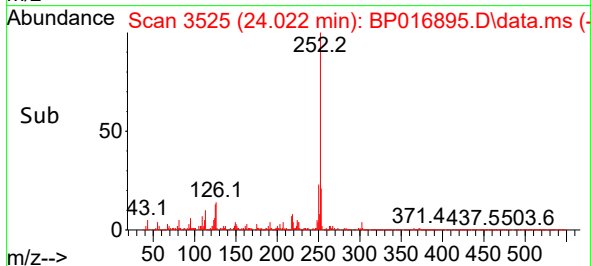
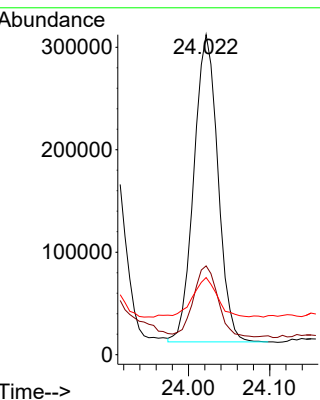
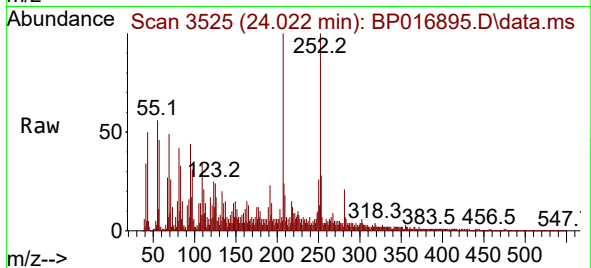
125 24.1 9.9 14.9

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: 3.737 ng/ul

RT: 26.880 min Scan# 4011

Delta R.T. 0.047 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

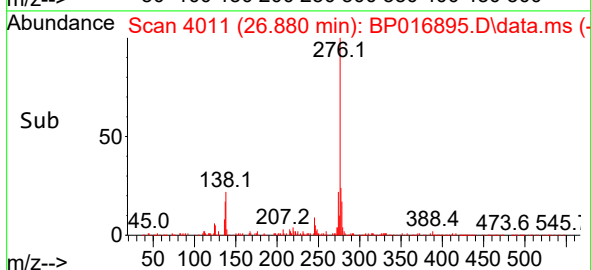
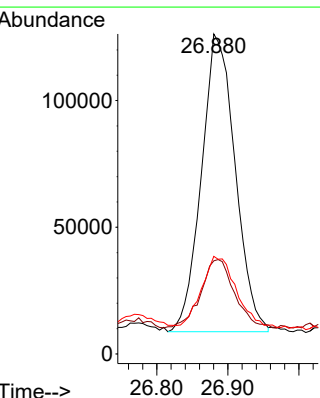
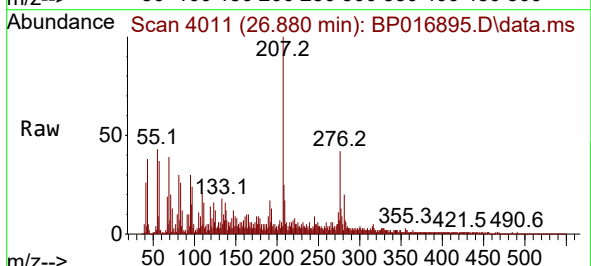
Tgt Ion:276 Resp: 386973

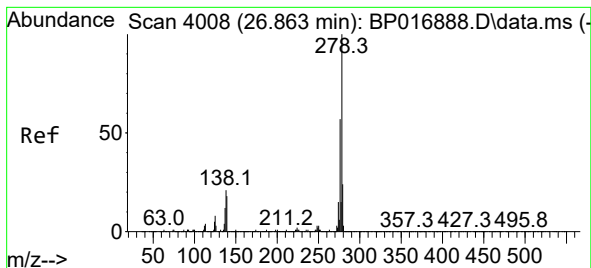
Ion Ratio Lower Upper

276 100

138 29.1 20.9 31.3

277 30.5 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 1.167 ng/ul

RT: 26.898 min Scan# 4008

Delta R.T. 0.036 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Instrument :

BNA_P

ClientSampleId :

EZYH7

Tgt Ion:278 Resp: 10032

Ion Ratio Lower Upper

278 100

139 67.4 15.0 22.6

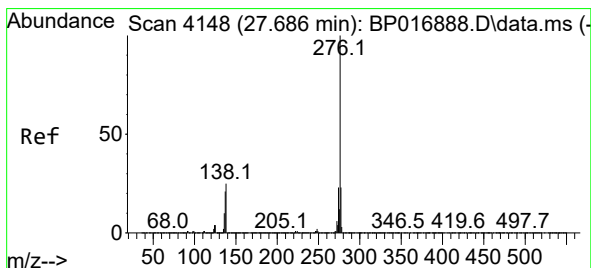
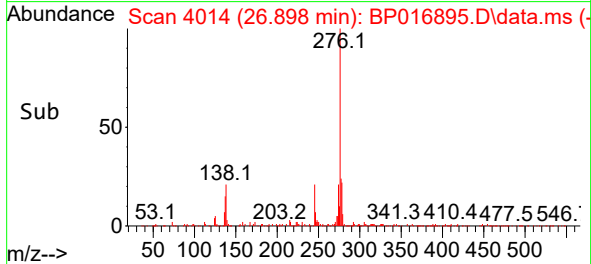
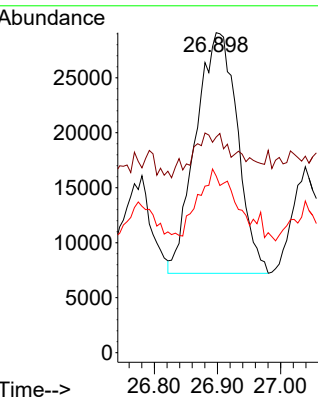
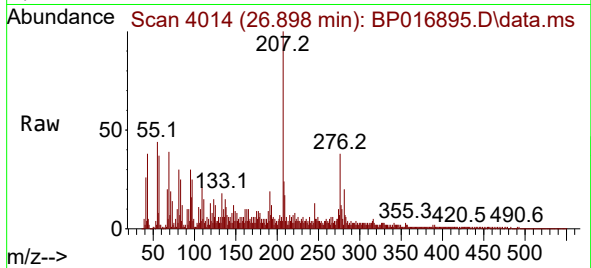
279 55.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#96

Benzo(g,h,i)perylene

Concen: 4.909 ng/ul

RT: 27.751 min Scan# 4159

Delta R.T. 0.065 min

Lab File: BP016895.D

Acq: 31 Aug 2023 13:36

Tgt Ion:276 Resp: 385366

Ion Ratio Lower Upper

276 100

138 30.6 20.2 30.4#

277 30.0 19.3 28.9#

