

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015845.D
 Acq On : 30 Jun 2023 15:40
 Operator : MA/JU
 Sample : 03161-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFW4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jun 30 23:28:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	207941	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	920849	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.704	164	563045	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1223863	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	908327	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	892673	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	11092	1.919	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	178170	10.014	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	126632	11.504	ng/u1	0.01
11) 2-Chlorophenol-d4	7.593	132	149709	11.147	ng/u1	0.01
15) 4-Methylphenol-d8	8.810	113	96724	6.882	ng/u1	0.03
21) Nitrobenzene-d5	9.257	128	70729	10.050	ng/u1	0.02
24) 2-Nitrophenol-d4	9.993	143	79023	9.621	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.569	165	125200	8.554	ng/u1	0.05
31) 4-Chloroaniline-d4	11.093	131	72961m	3.880	ng/u1	0.06
46) Dimethylphthalate-d6	14.116	166	491436	11.292	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	566051	11.571	ng/u1	0.00
54) 4-Nitrophenol-d4	15.034	143	38126m	6.639	ng/u1	0.08
60) Fluorene-d10	15.704	176	426127	11.892	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	34298m	4.557	ng/u1	0.02
73) Anthracene-d10	17.569	188	642367	11.491	ng/u1	0.00
81) Pyrene-d10	19.792	212	763964	12.880	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	529858	11.767	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.434	152	94494	1.753	ng/u1	96
72) Phenanthrene	17.510	178	225733	3.395	ng/u1	100
80) Fluoranthene	19.469	202	678622	9.206	ng/u1#	93
82) Pyrene	19.822	202	561913	7.473	ng/u1#	90
85) Benzo(a)anthracene	21.539	228	290568	4.547	ng/u1	96
87) Chrysene	21.592	228	330013m	5.444	ng/u1	
90) Benzo(b)fluoranthene	23.316	252	416155	7.255	ng/u1#	92
91) Benzo(k)fluoranthene	23.363	252	167030m	2.882	ng/u1	
93) Benzo(a)pyrene	23.986	252	241537	4.819	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	195458	2.873	ng/u1#	93
96) Benzo(g,h,i)perylene	27.633	276	161914	2.893	ng/u1#	93

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

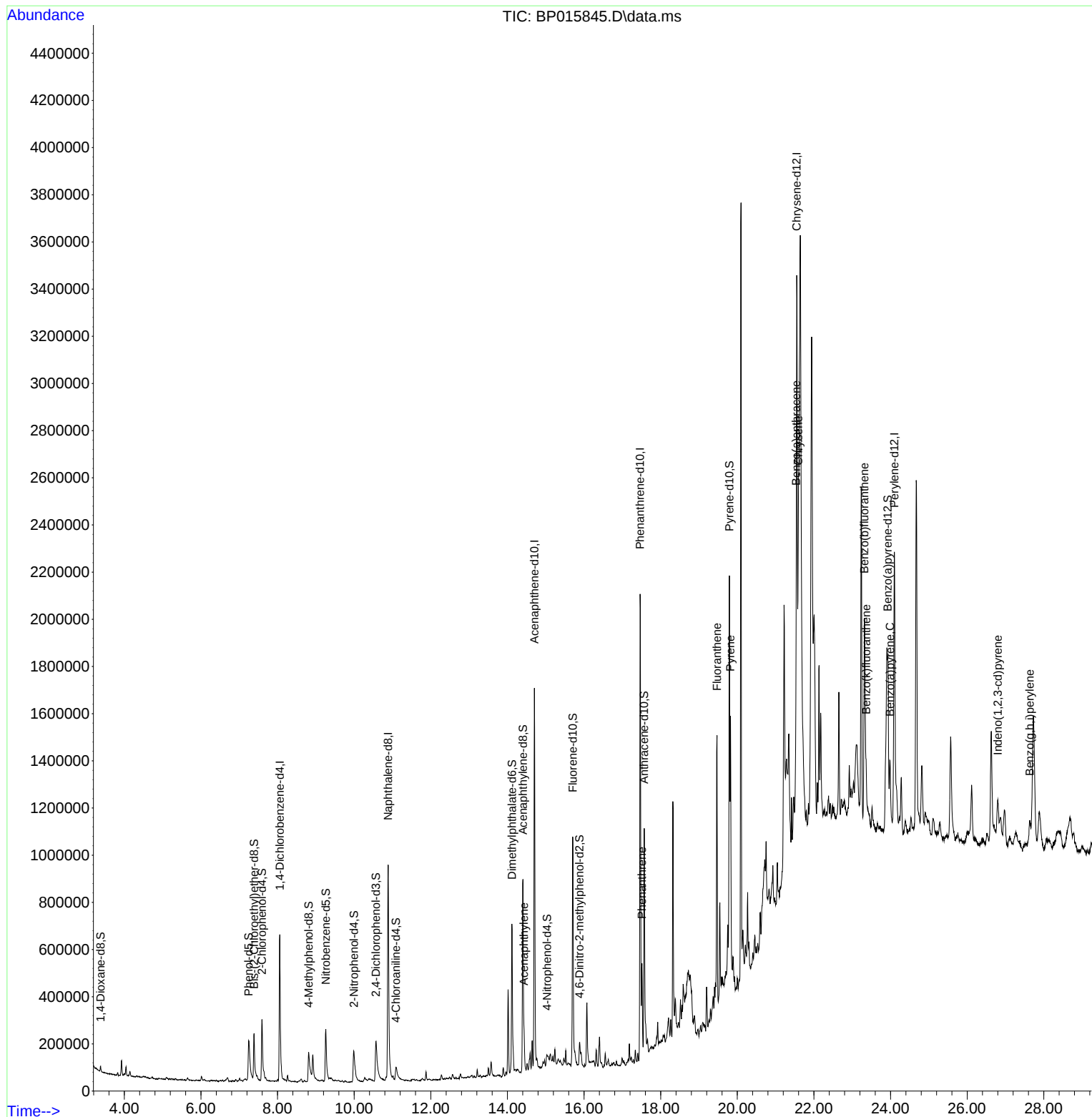
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015845.D
Acq On : 30 Jun 2023 15:40
Operator : MA/JU
Sample : 03161-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

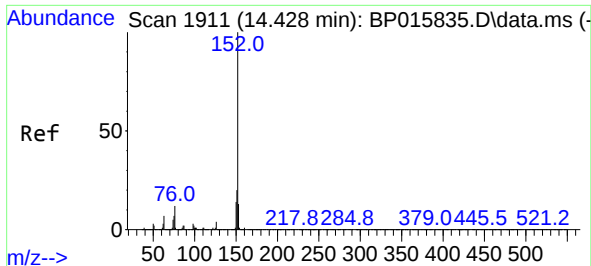
Instrument :
BNA_P
ClientSampleId :
DCFW4

Quant Time: Jun 30 23:28:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#50
Acenaphthylene
Concen: 1.753 ng/u1
RT: 14.434 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

Instrument :

BNA_P

ClientSampleId :

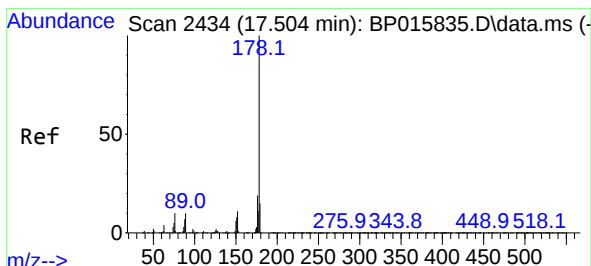
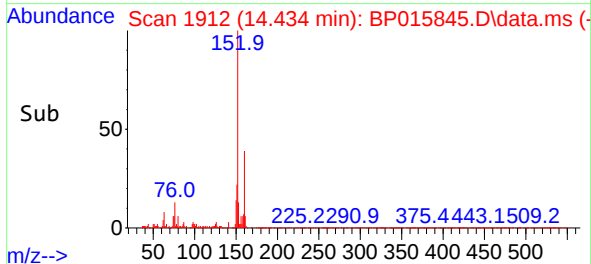
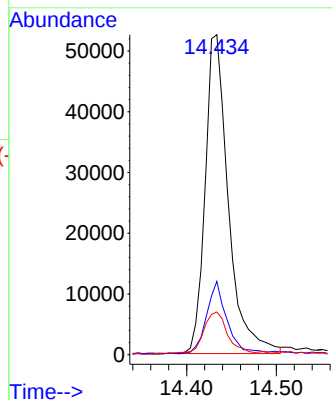
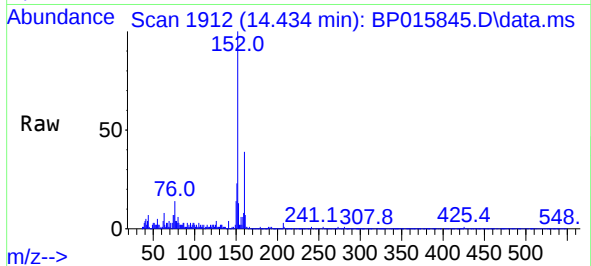
DCF4

Tgt Ion:152 Resp: 94494
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.2
153 13.3 10.5 15.7

Manual Integrations

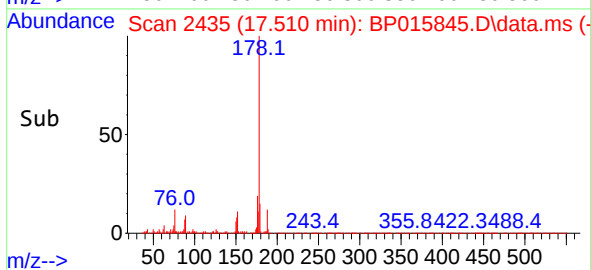
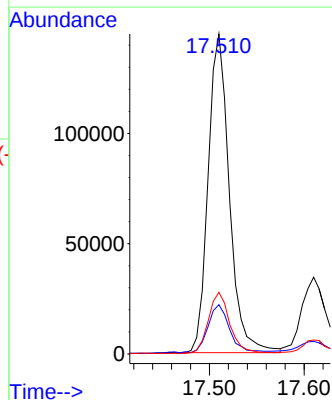
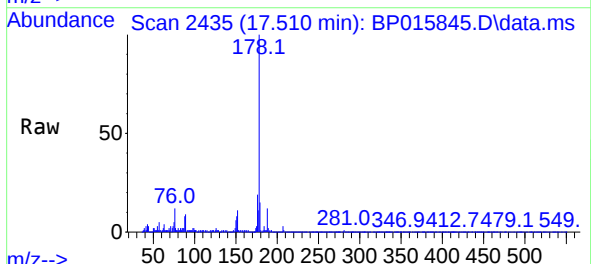
APPROVED

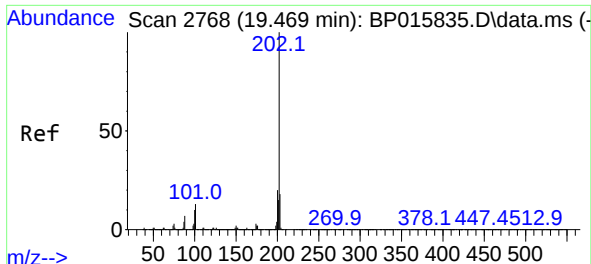
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#72
Phenanthrene
Concen: 3.395 ng/u1
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

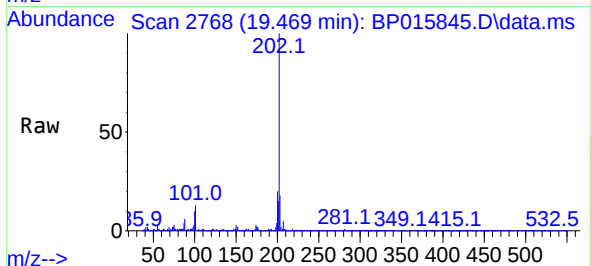
Tgt Ion:178 Resp: 225733
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.2 15.6 23.4





#80
Fluoranthene
Concen: 9.206 ng/u1
RT: 19.469 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

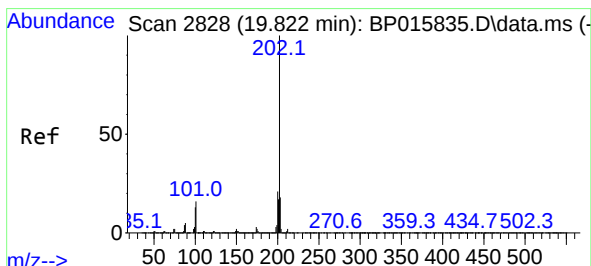
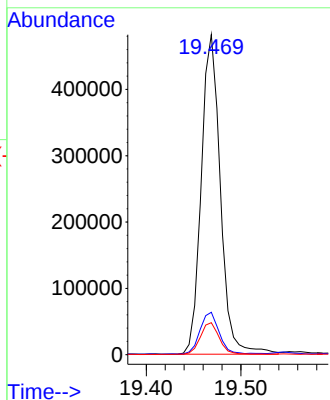
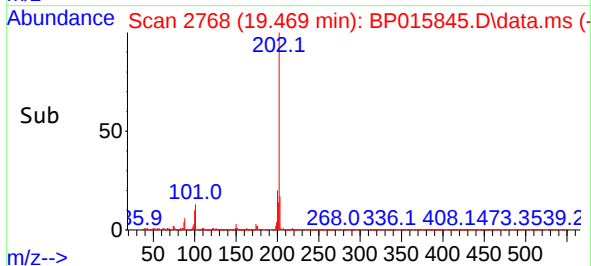
Instrument :
BNA_P
ClientSampleId :
DCF4W4



Tgt Ion:202 Resp: 67862
Ion Ratio Lower Upper
202 100
101 13.3 8.3 12.5
100 10.0 6.6 9.8

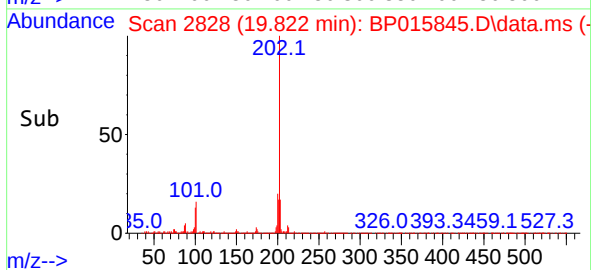
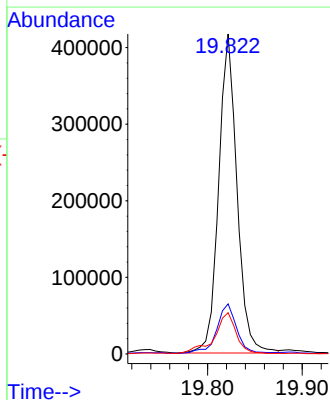
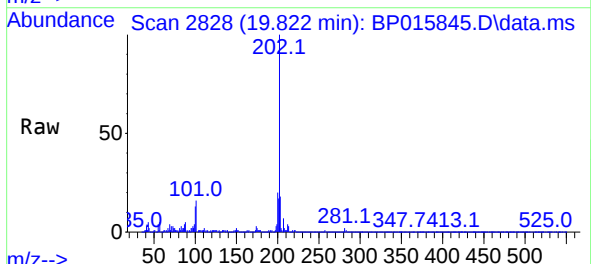
Manual Integrations
APPROVED

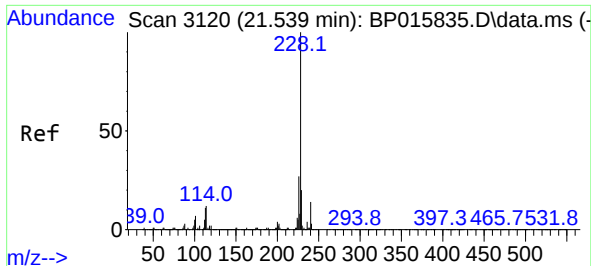
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#82
Pyrene
Concen: 7.473 ng/u1
RT: 19.822 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

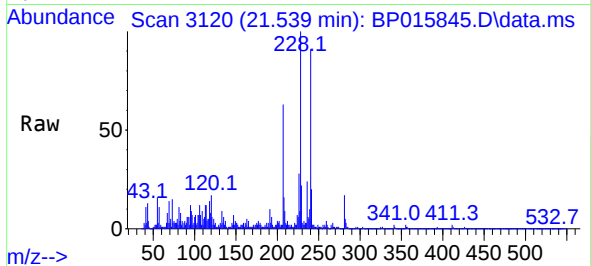
Tgt Ion:202 Resp: 561913
Ion Ratio Lower Upper
202 100
101 15.7 9.3 13.9#
100 12.9 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 4.547 ng/ul
RT: 21.539 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

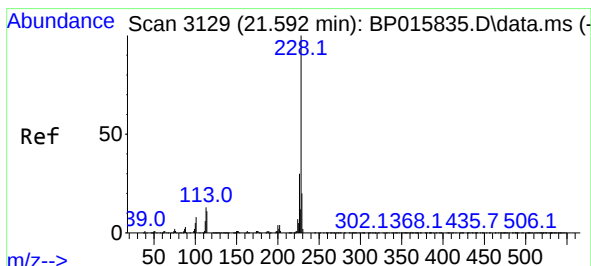
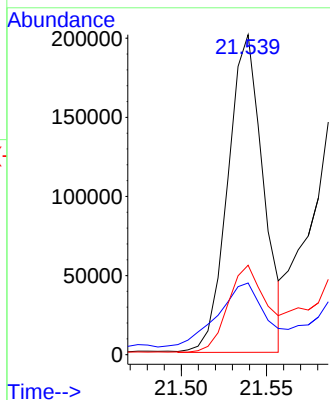
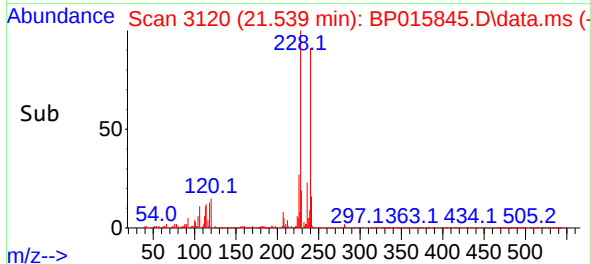
Instrument :
BNA_P
ClientSampleId :
DCF4



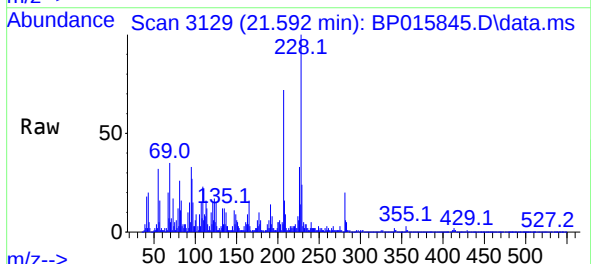
Tgt Ion:228 Resp: 290568
Ion Ratio Lower Upper
228 100
229 22.4 15.3 22.9
226 28.0 21.4 32.0

Manual Integrations
APPROVED

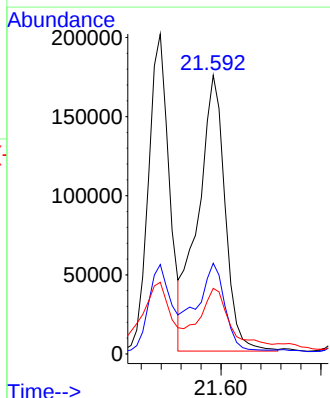
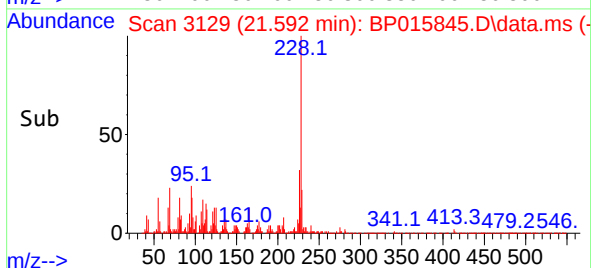
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

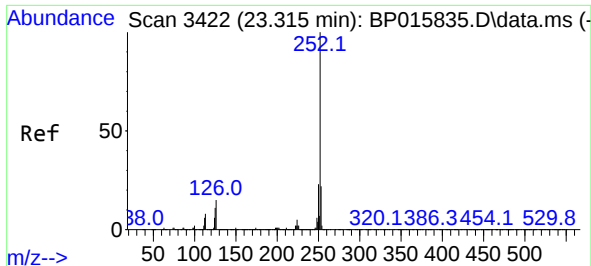


#87
Chrysene
Concen: 5.444 ng/ul m
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40



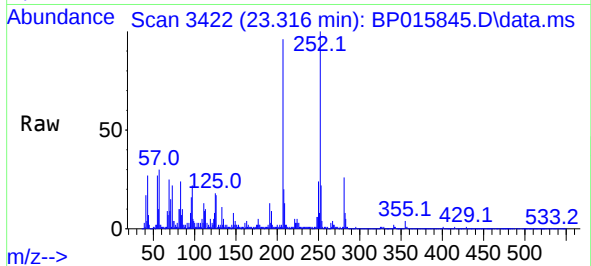
Tgt Ion:228 Resp: 330013
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 23.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 7.255 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

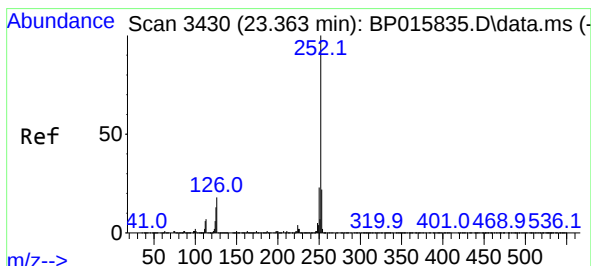
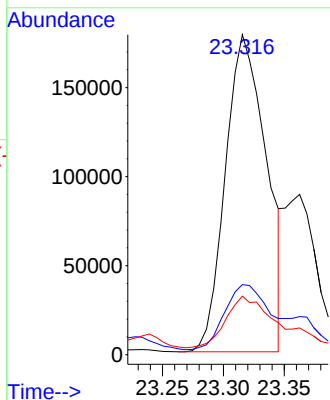
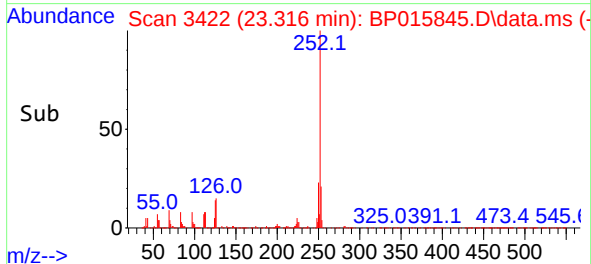
Instrument :
BNA_P
ClientSampleId :
DCF4W4



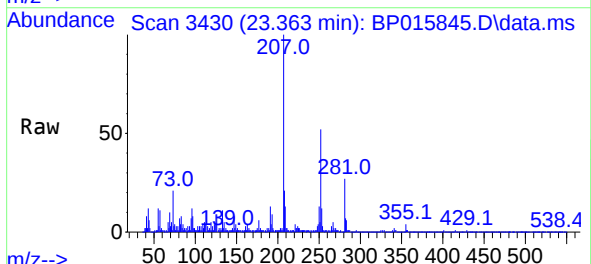
Tgt Ion:252 Resp: 41615
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 18.3 7.5 11.3

Manual Integrations
APPROVED

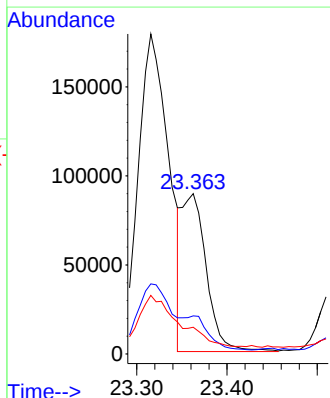
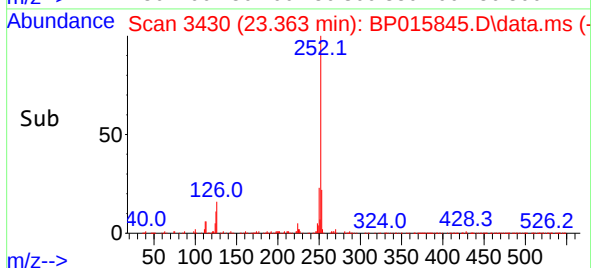
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

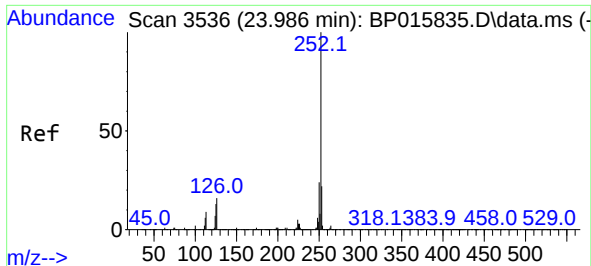


#91
Benzo(k)fluoranthene
Concen: 2.882 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. 0.000 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40



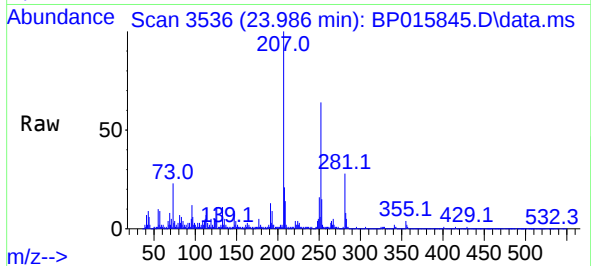
Tgt Ion:252 Resp: 167030
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.4
125 16.7 7.3 10.9





#93
Benzo(a)pyrene
Concen: 4.819 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

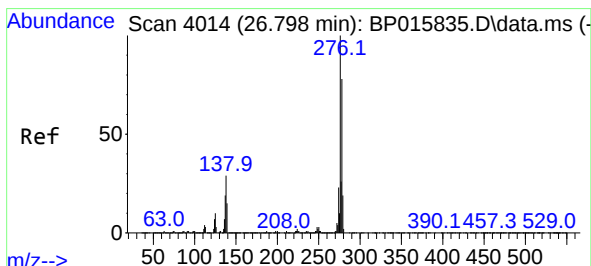
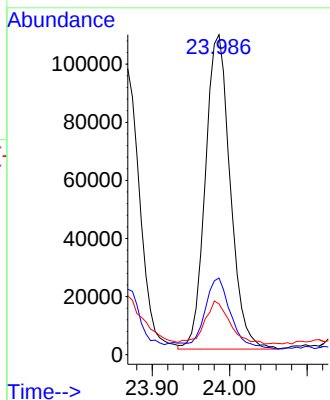
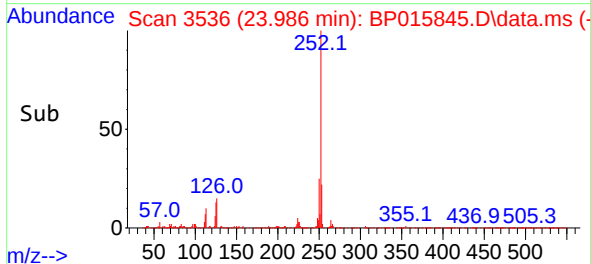
Instrument :
BNA_P
ClientSampleId :
DCF4W



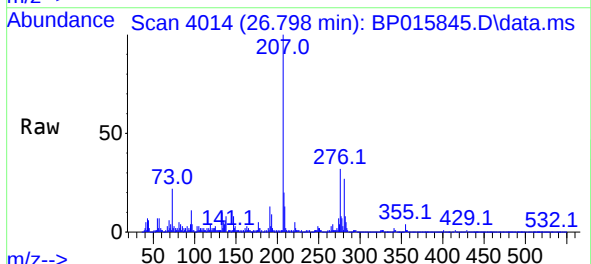
Tgt Ion:252 Resp: 24153
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 15.8 8.2 12.2

Manual Integrations
APPROVED

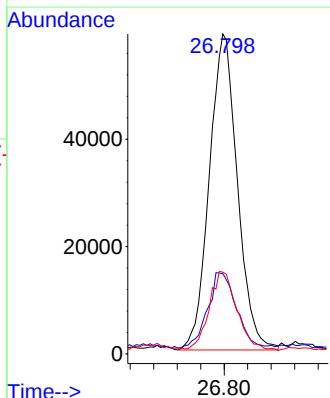
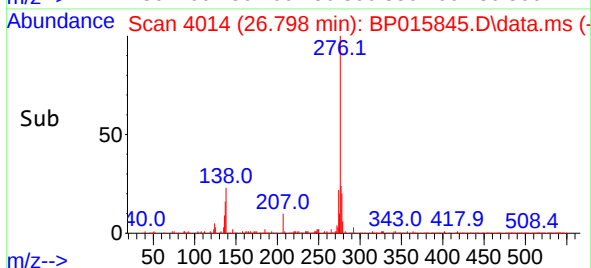
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

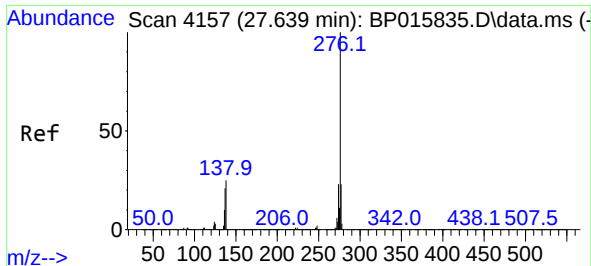


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.873 ng/ul
RT: 26.798 min Scan# 4014
Delta R.T. 0.000 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40



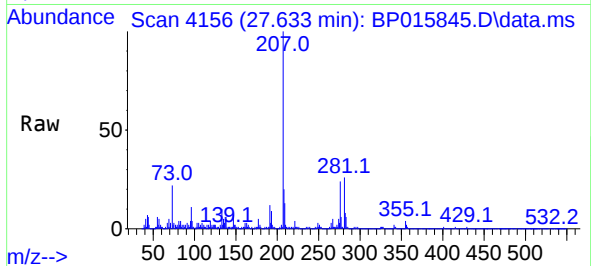
Tgt Ion:276 Resp: 195458
Ion Ratio Lower Upper
276 100
138 25.1 15.7 23.5#
277 25.6 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.893 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.006 min
 Lab File: BP015845.D
 Acq: 30 Jun 2023 15:40

Instrument :
 BNA_P
 ClientSampleId :
 DCFW4



Tgt Ion:276 Resp: 161914
 Ion Ratio Lower Upper
 276 100
 138 25.2 15.1 22.7
 277 24.6 18.8 28.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

