

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
 Data File : BP016676.D
 Acq On : 21 Aug 2023 15:39
 Operator : MA/JU
 Sample : 03968-35
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48Q3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 19:04:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	327725	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1499907	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.698	164	902792	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1988861	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1738250	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1617697	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	44728	5.186	ng/uL	0.00
4) Pyridine-d5	3.828	84	427780m	16.303	ng/u1	0.00
7) Phenol-d5	7.187	99	684713	22.662	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	437080	21.964	ng/u1	0.00
11) 2-Chlorophenol-d4	7.564	132	485816	22.387	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	528630	22.004	ng/u1	-0.01
21) Nitrobenzene-d5	9.240	128	249344	23.626	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.957	143	255860	25.525	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	466781	23.663	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.034	131	650726	19.226	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1515989	23.216	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1758962	23.866	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	212236	15.955	ng/u1	0.00
60) Fluorene-d10	15.693	176	1360537	24.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	143566	15.173	ng/u1	0.00
73) Anthracene-d10	17.563	188	2096287	24.367	ng/u1	0.00
81) Pyrene-d10	19.798	212	2522612	27.696	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	1963347	25.325	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.893	105	112529	2.901	ng/u1	98
61) Fluorene	15.745	166	66570	1.024	ng/u1	100
72) Phenanthrene	17.504	178	1130037	10.785	ng/u1	100
74) Anthracene	17.598	178	259632	2.467	ng/u1	99
80) Fluoranthene	19.469	202	1540374	14.170	ng/u1	100
82) Pyrene	19.828	202	1471212	12.817	ng/u1	97
85) Benzo(a)anthracene	21.545	228	721583	6.177	ng/u1	98
87) Chrysene	21.604	228	667379	6.105	ng/u1	98
90) Benzo(b)fluoranthene	23.339	252	690232	7.166	ng/u1	96
91) Benzo(k)fluoranthene	23.386	252	227717m	2.383	ng/u1	
93) Benzo(a)pyrene	24.021	252	495077	5.449	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	253658	2.365	ng/u1	95
96) Benzo(g,h,i)perylene	27.733	276	226575	2.655	ng/u1	96

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

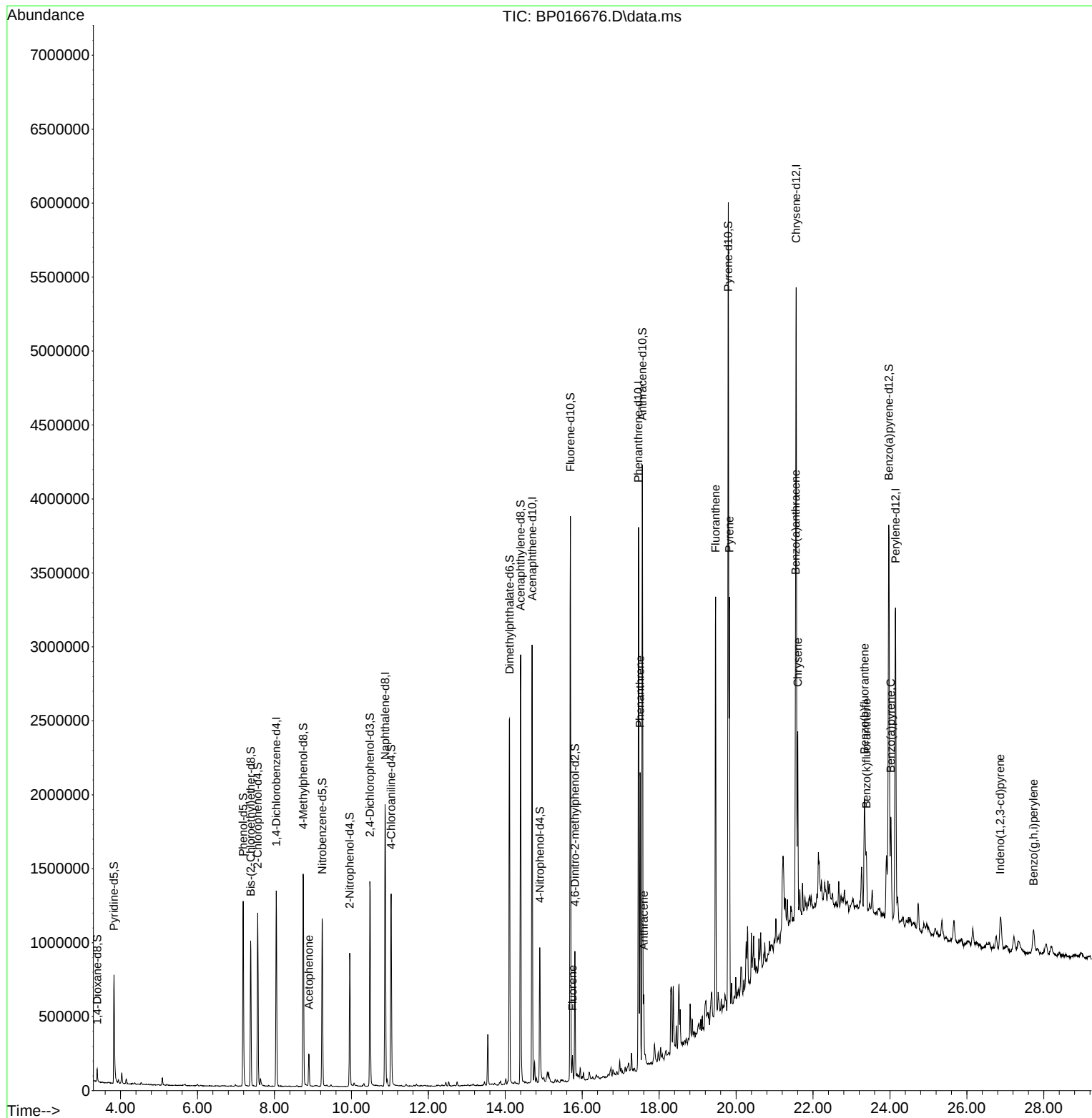
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
Data File : BP016676.D
Acq On : 21 Aug 2023 15:39
Operator : MA/JU
Sample : 03968-35
Misc :
ALS Vial : 10 Sample Multiplier: 1

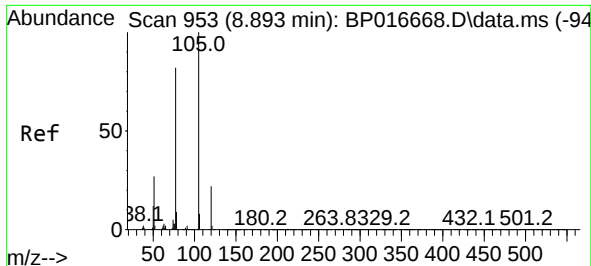
Instrument :
BNA_P
ClientSampleId :
A48Q3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 19:04:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration





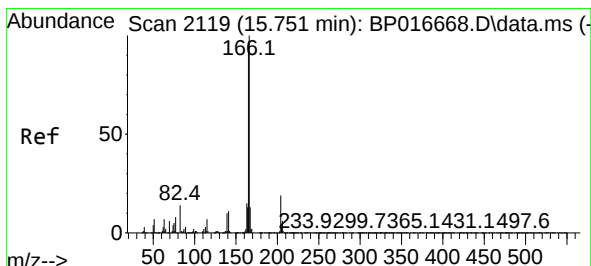
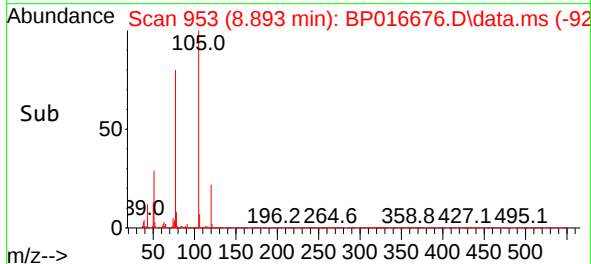
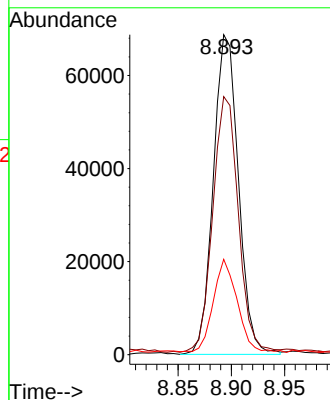
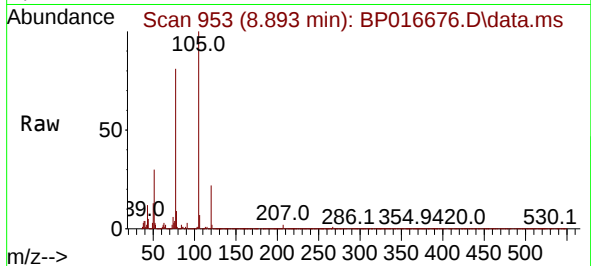
#16
Acetophenone
Concen: 2.901 ng/ul
RT: 8.893 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP016676.D
Acq: 21 Aug 2023 15:39

Instrument :
BNA_P
ClientSampleId :
A48Q3

Tgt Ion:105 Resp: 112529
Ion Ratio Lower Upper
105 100
77 80.6 64.4 96.6
51 29.8 21.2 31.8

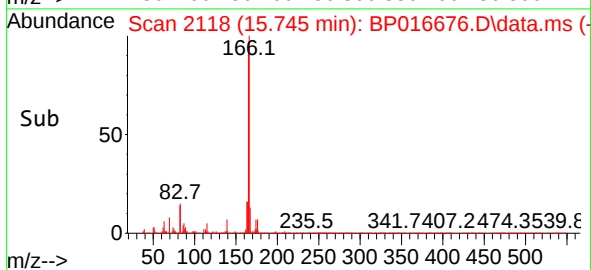
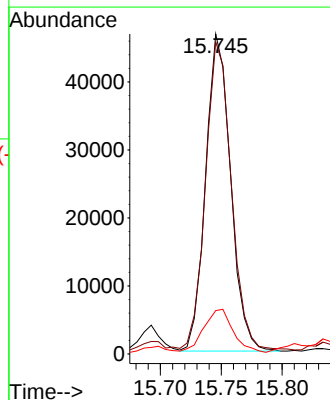
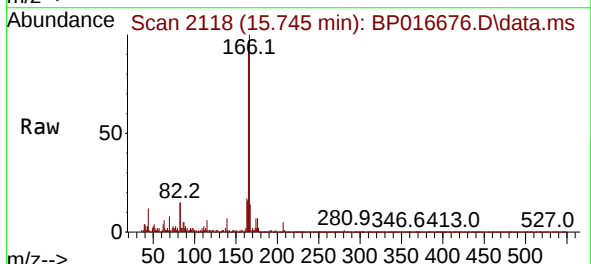
Manual Integrations
APPROVED

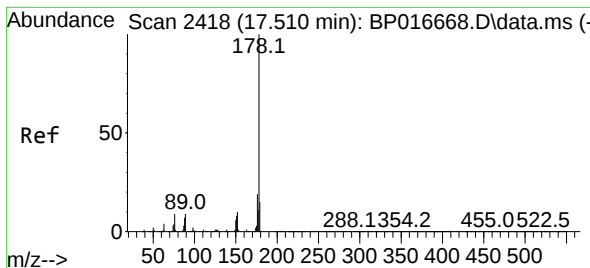
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#61
Fluorene
Concen: 1.024 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP016676.D
Acq: 21 Aug 2023 15:39

Tgt Ion:166 Resp: 66570
Ion Ratio Lower Upper
166 100
165 97.5 78.3 117.5
167 13.5 10.8 16.2





#72

Phenanthrene

Concen: 10.785 ng/ul

RT: 17.504 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

Instrument :

BNA_P

ClientSampleId :

A48Q3

Tgt Ion:178 Resp: 113003

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

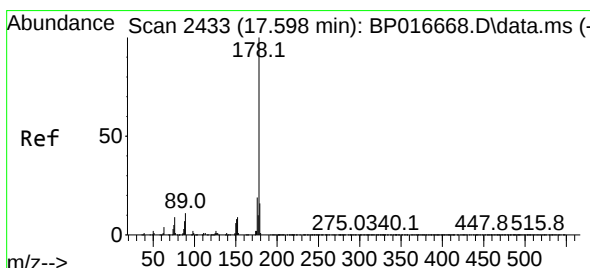
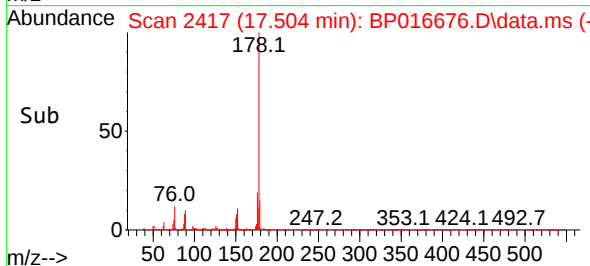
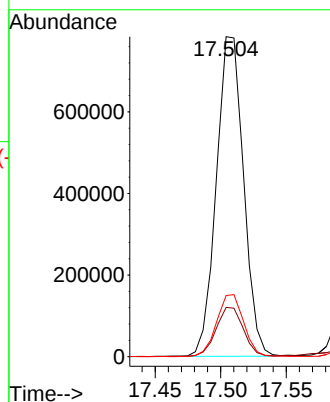
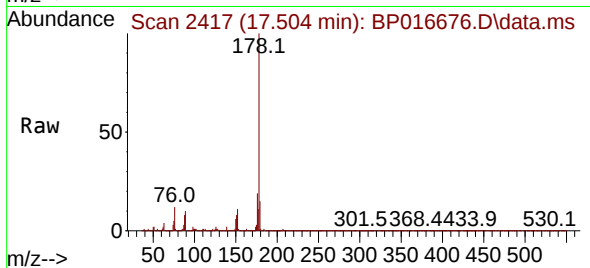
176 19.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#74

Anthracene

Concen: 2.467 ng/ul

RT: 17.598 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

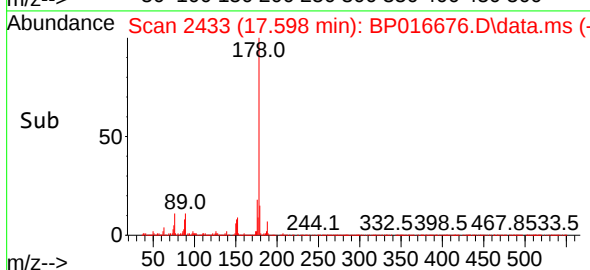
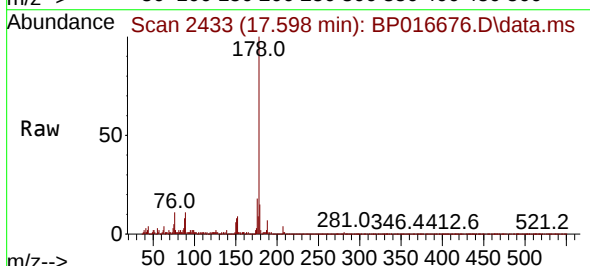
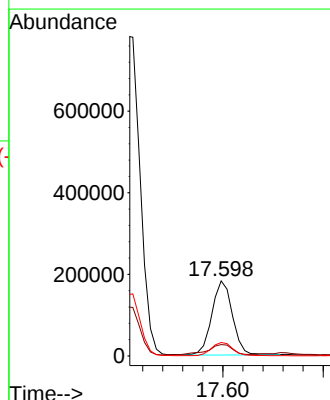
Tgt Ion:178 Resp: 259632

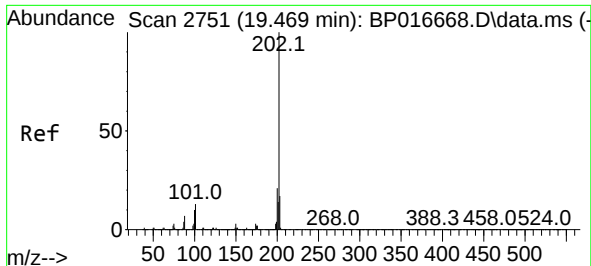
Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

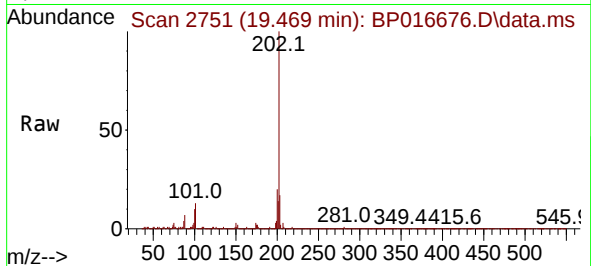
176 18.0 14.9 22.3





#80
Fluoranthene
Concen: 14.170 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016676.D
Acq: 21 Aug 2023 15:39

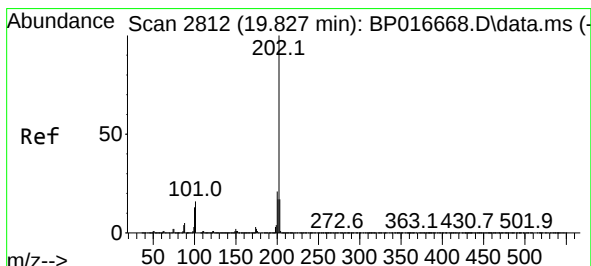
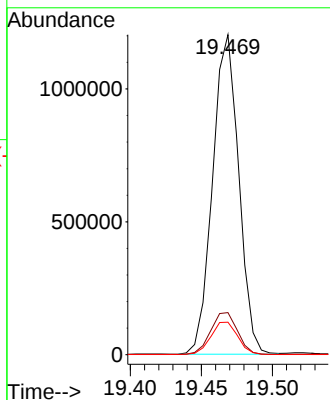
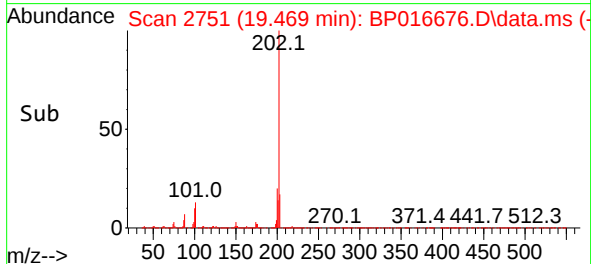
Instrument :
BNA_P
ClientSampleId :
A48Q3



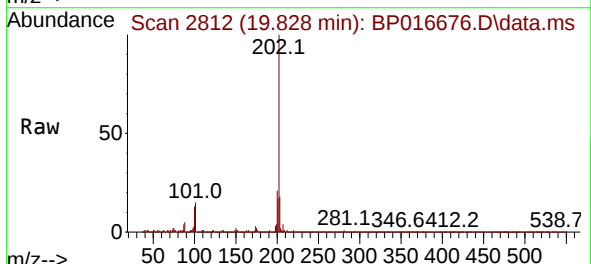
Tgt Ion:202 Resp: 1540374
Ion Ratio Lower Upper
202 100
101 13.2 10.6 16.0
100 10.2 8.1 12.1

Manual Integrations
APPROVED

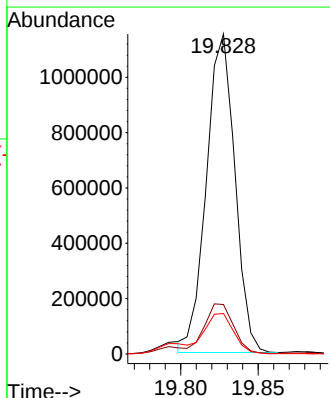
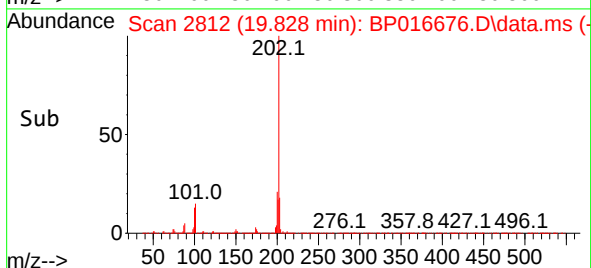
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

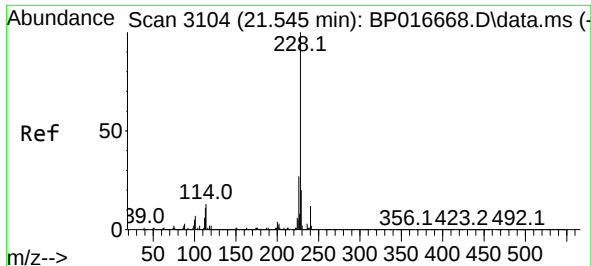


#82
Pyrene
Concen: 12.817 ng/ul
RT: 19.828 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP016676.D
Acq: 21 Aug 2023 15:39



Tgt Ion:202 Resp: 1471212
Ion Ratio Lower Upper
202 100
101 15.4 13.4 20.2
100 12.7 11.0 16.4





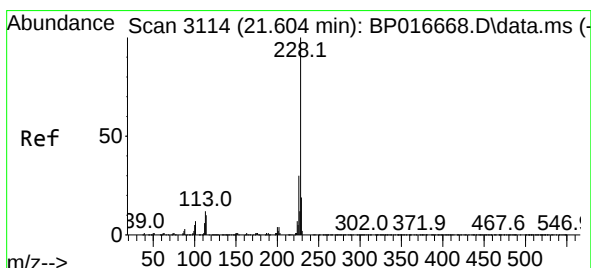
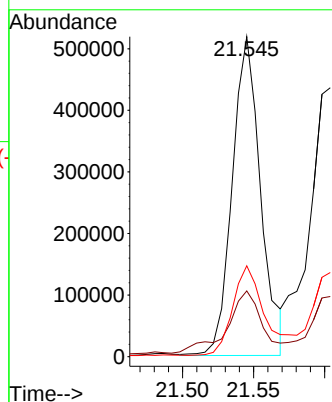
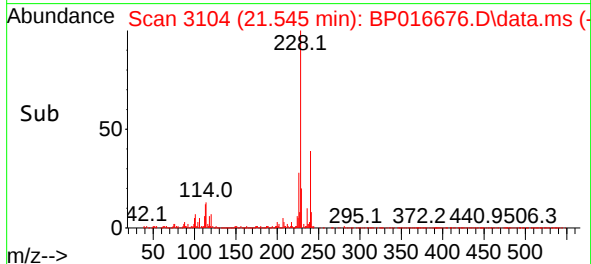
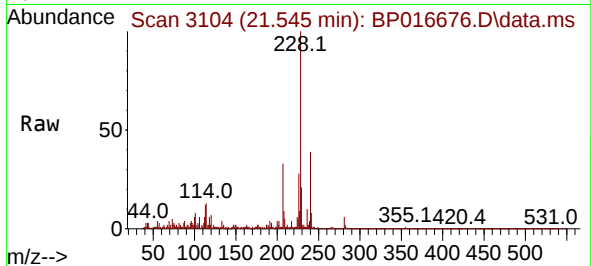
#85
Benzo(a)anthracene
Concen: 6.177 ng/ul
RT: 21.545 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP016676.D
Acq: 21 Aug 2023 15:39

Instrument : BNA_P
ClientSampleId : A48Q3

Tgt Ion:228 Resp: 721583
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 28.4 21.8 32.6

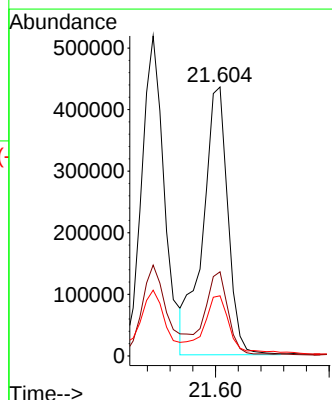
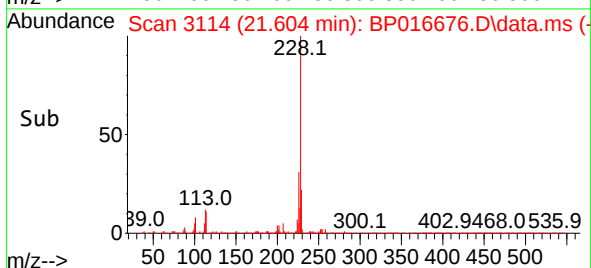
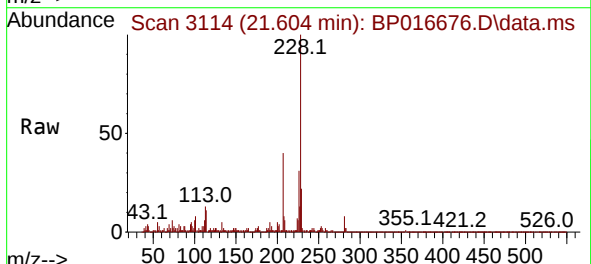
Manual Integrations
APPROVED

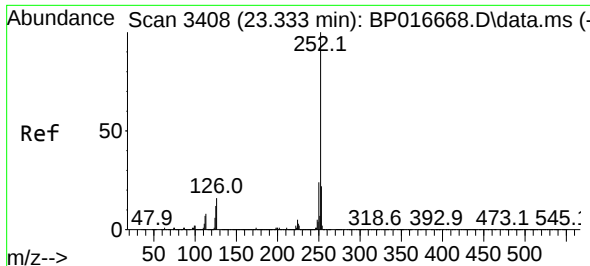
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#87
Chrysene
Concen: 6.105 ng/ul
RT: 21.604 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP016676.D
Acq: 21 Aug 2023 15:39

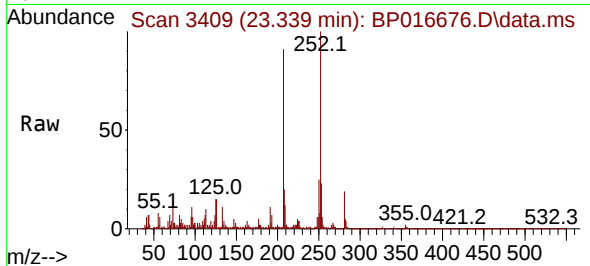
Tgt Ion:228 Resp: 667379
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 22.4 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 7.166 ng/ul
RT: 23.339 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BP016676.D
Acq: 21 Aug 2023 15:39

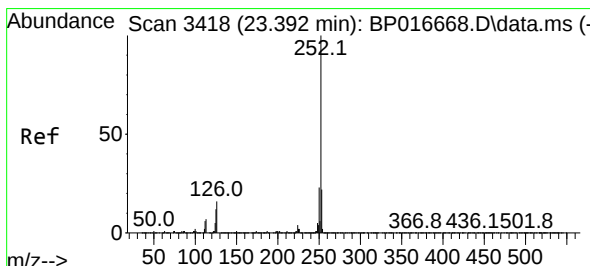
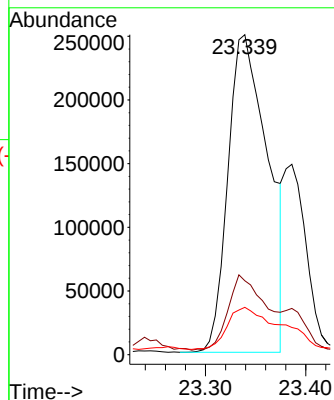
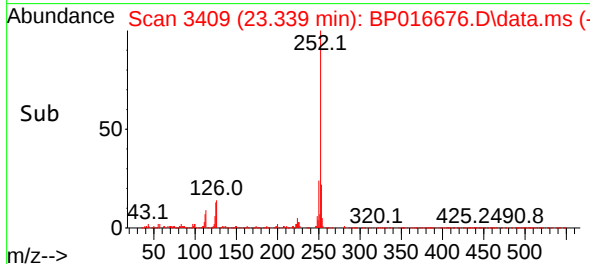
Instrument :
BNA_P
ClientSampleId :
A48Q3



Tgt Ion:252 Resp: 69023
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 14.8 10.0 15.0

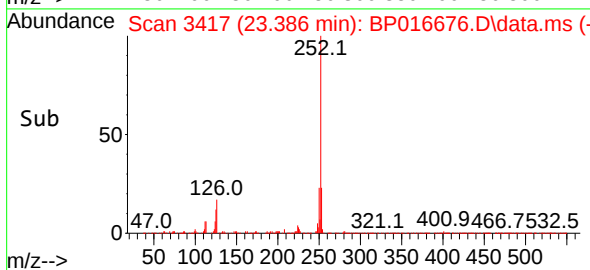
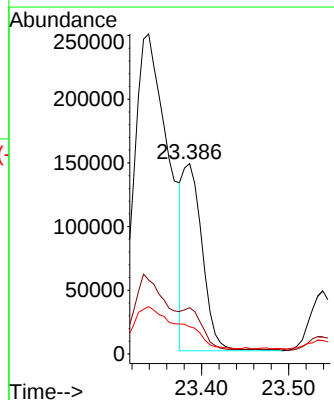
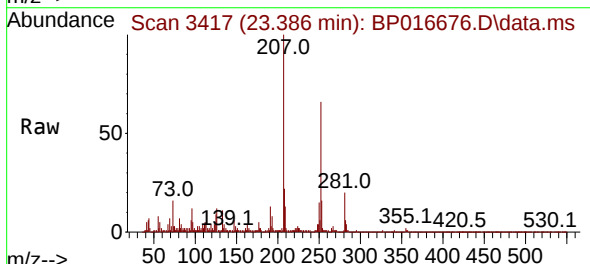
Manual Integrations
APPROVED

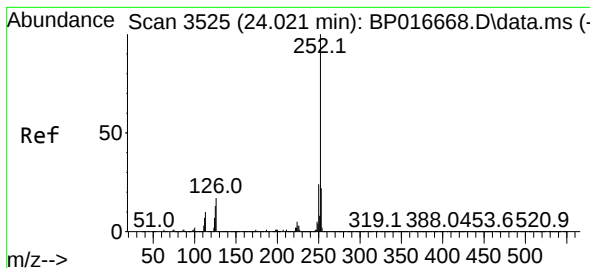
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#91
Benzo(k)fluoranthene
Concen: 2.383 ng/ul m
RT: 23.386 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BP016676.D
Acq: 21 Aug 2023 15:39

Tgt Ion:252 Resp: 227717
Ion Ratio Lower Upper
252 100
253 24.3 18.0 27.0
125 14.3 9.8 14.8





#93

Benzo(a)pyrene

Concen: 5.449 ng/ul

RT: 24.021 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

Instrument :

BNA_P

ClientSampleId :

A48Q3

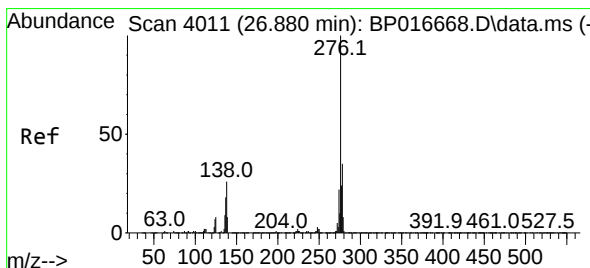
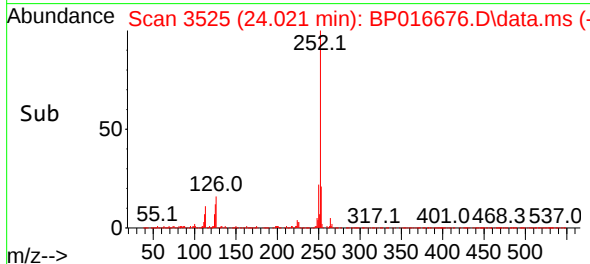
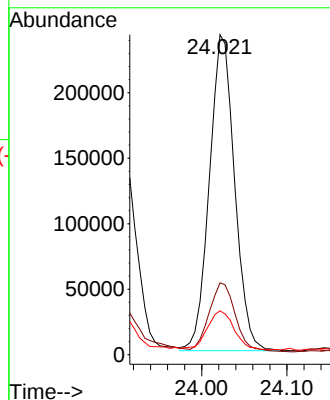
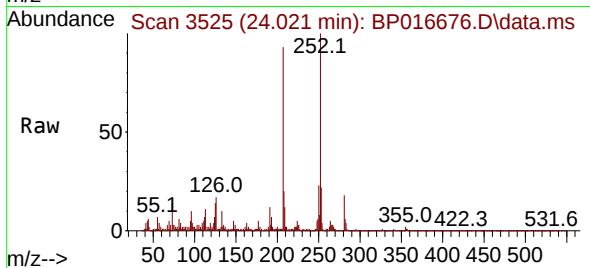
Tgt Ion:	252	Resp:	49507
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	13.7	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.365 ng/ul

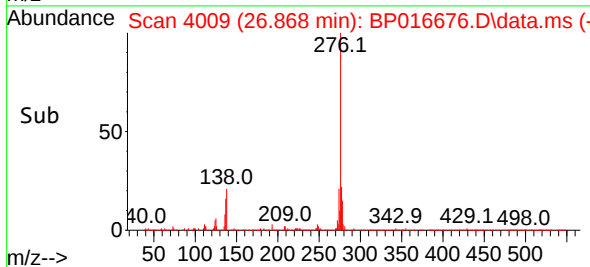
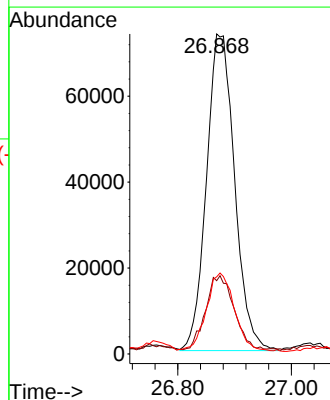
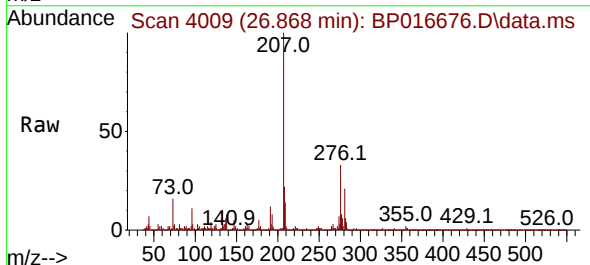
RT: 26.868 min Scan# 4009

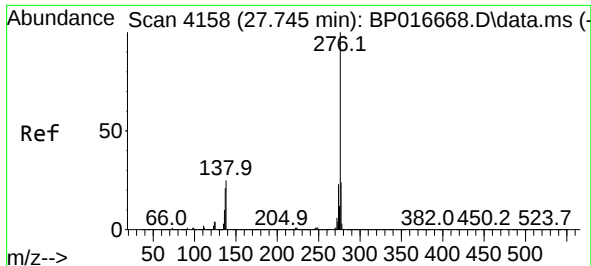
Delta R.T. -0.018 min

Lab File: BP016676.D

Acq: 21 Aug 2023 15:39

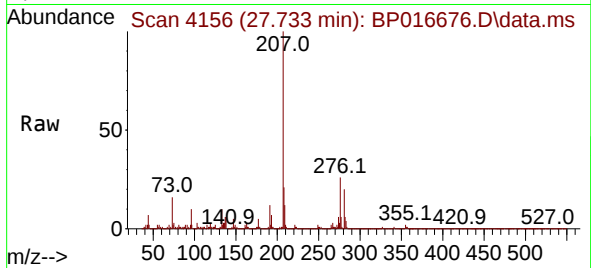
Tgt Ion:	276	Resp:	253658
Ion Ratio	Lower	Upper	
276	100		
138	22.9	21.7	32.5
277	24.1	19.5	29.3





#96
 Benzo(g,h,i)perylene
 Concen: 2.655 ng/ul
 RT: 27.733 min Scan# 4156
 Delta R.T. -0.012 min
 Lab File: BP016676.D
 Acq: 21 Aug 2023 15:39

Instrument :
 BNA_P
 ClientSampleId :
 A48Q3



Tgt Ion: 276 Resp: 226579
 Ion Ratio Lower Upper
 276 100
 138 23.3 21.5 32.3
 277 24.7 19.3 28.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

