

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017249.D
 Acq On : 20 Sep 2023 20:52
 Operator : MA/JU
 Sample : 04330-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYX7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 20 23:36:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	247613	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	1013624	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	619531	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	1382259	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1243049	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1474166	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	15254	2.530	ng/uL	0.00
4) Pyridine-d5	3.746	84	71896	4.266	ng/u1	0.00
7) Phenol-d5	7.093	99	455214	22.384	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	284335	23.168	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	369424	22.904	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	272612	17.242	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	188812	25.766	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	183788	23.098	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	328634	21.861	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	376359	17.283	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1201831	27.080	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1380542	27.046	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	48454	6.267	ng/u1	0.00
60) Fluorene-d10	15.598	176	1099564	28.778	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	36021	4.624	ng/u1	0.00
73) Anthracene-d10	17.474	188	1654986	26.996	ng/u1	0.00
81) Pyrene-d10	19.715	212	2016058	29.992	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2057075	28.982	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.787	105	91502	3.745	ng/u1	97
50) Acenaphthylene	14.328	152	61804	1.035	ng/u1	98
72) Phenanthrene	17.416	178	155858	2.153	ng/u1	98
80) Fluoranthene	19.386	202	413930	5.280	ng/u1	98
82) Pyrene	19.745	202	421148	5.053	ng/u1	99
85) Benzo(a)anthracene	21.462	228	236860	2.823	ng/u1#	91
87) Chrysene	21.515	228	278897m	3.532	ng/u1	
90) Benzo(b)fluoranthene	23.221	252	450680	5.185	ng/u1#	71
91) Benzo(k)fluoranthene	23.268	252	171410m	1.955	ng/u1	
93) Benzo(a)pyrene	23.892	252	278138	3.345	ng/u1#	68
94) Indeno(1,2,3-cd)pyrene	26.674	276	247570	2.375	ng/u1#	91
96) Benzo(g,h,i)perylene	27.515	276	281241	3.346	ng/u1	94

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

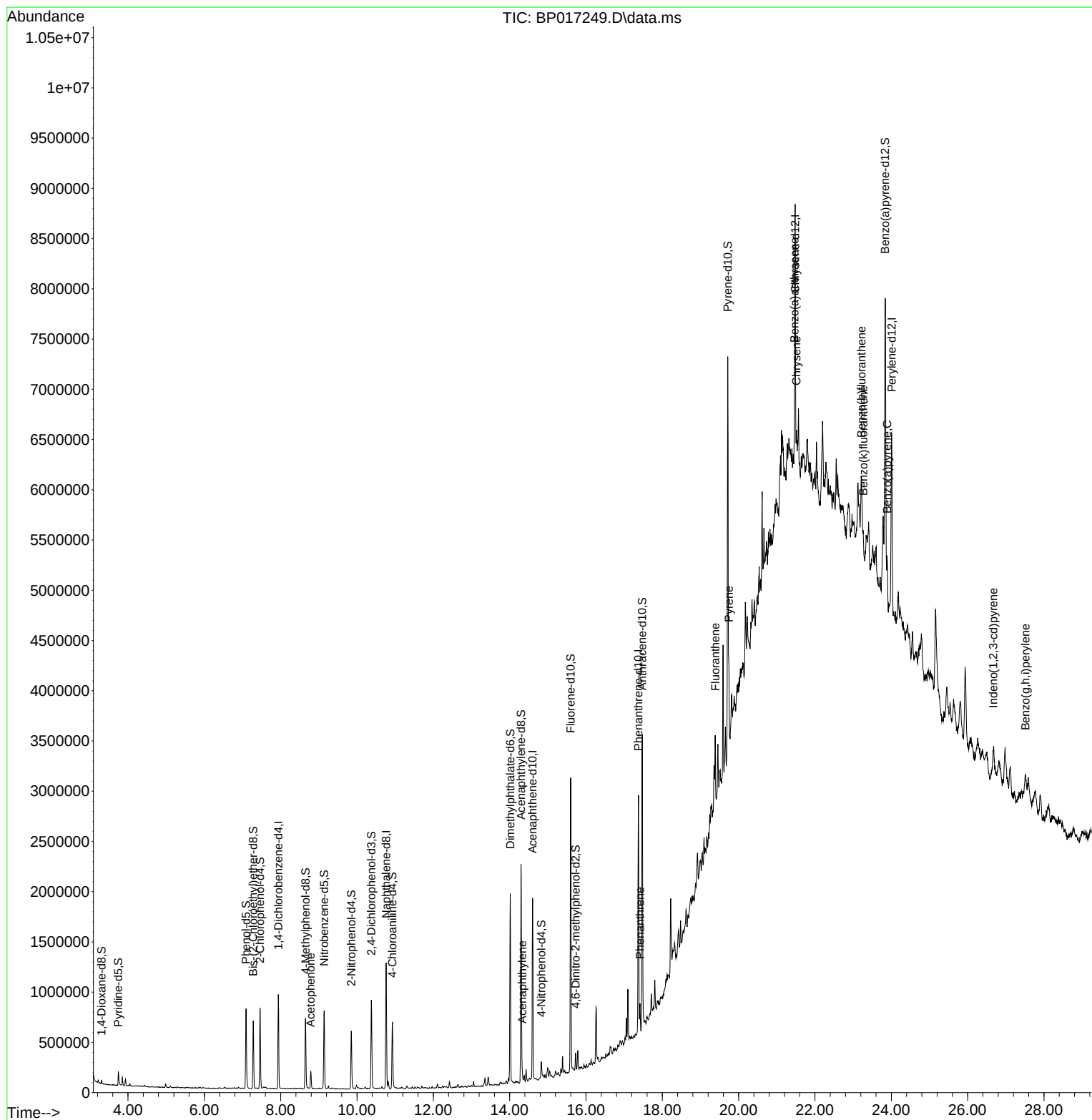
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017249.D
 Acq On : 20 Sep 2023 20:52
 Operator : MA/JU
 Sample : 04330-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

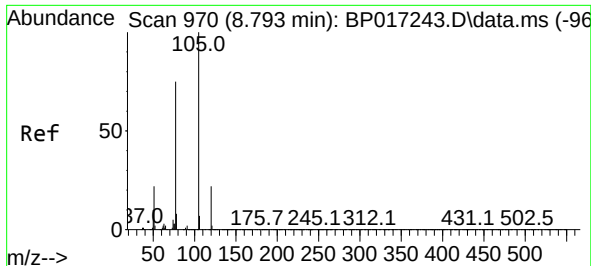
Instrument :
 BNA_P
 ClientSampleId :
 EZYX7

Quant Time: Sep 20 23:36:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023





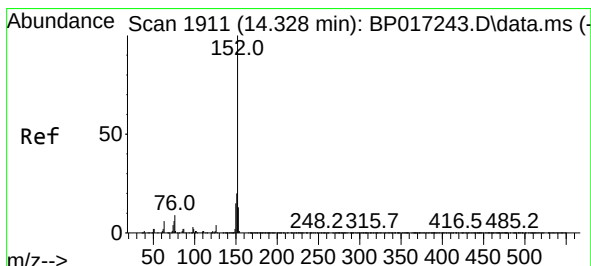
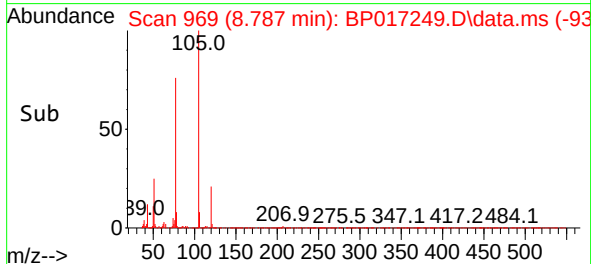
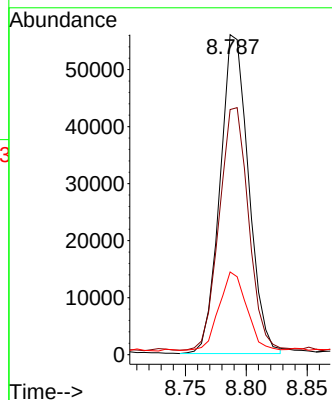
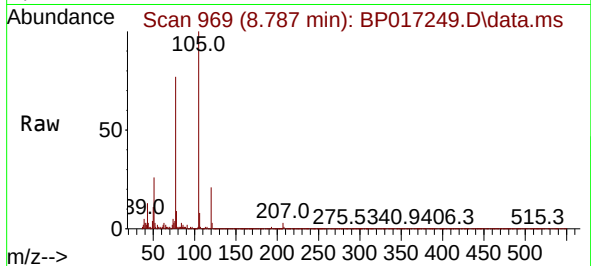
#16
Acetophenone
Concen: 3.745 ng/ul
RT: 8.787 min Scan# 9150
Delta R.T. -0.006 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

Instrument :
BNA_P
ClientSampleId :
EZYX7

Tgt Ion:105 Resp: 9150
Ion Ratio Lower Upper
105 100
77 76.6 63.6 95.4
51 25.9 19.2 28.8

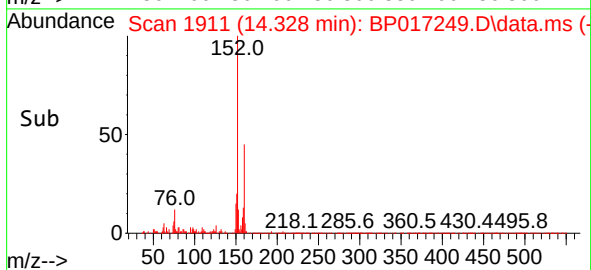
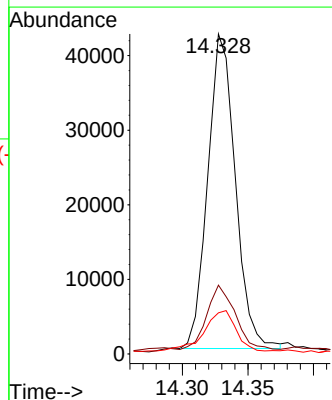
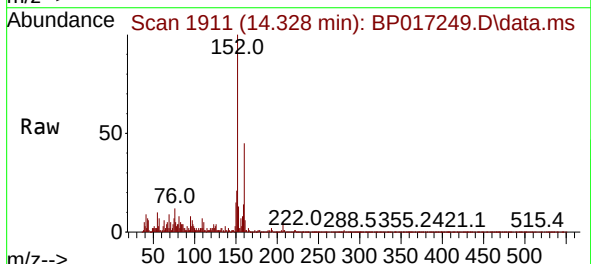
Manual Integrations
APPROVED

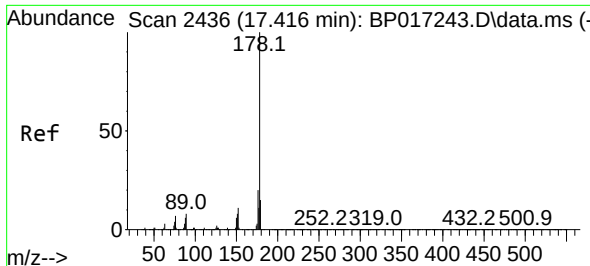
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#50
Acenaphthylene
Concen: 1.035 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

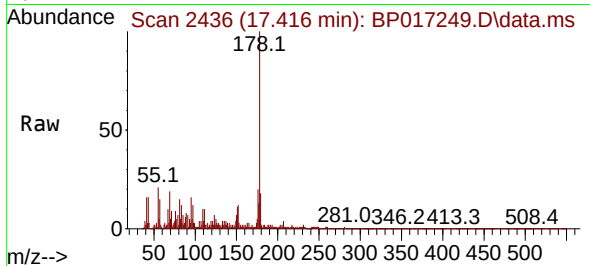
Tgt Ion:152 Resp: 61804
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 12.9 10.4 15.6





#72
Phenanthrene
Concen: 2.153 ng/ul
RT: 17.416 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

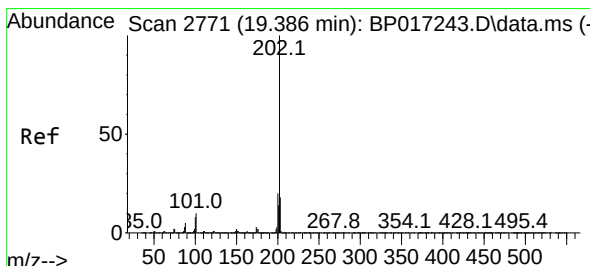
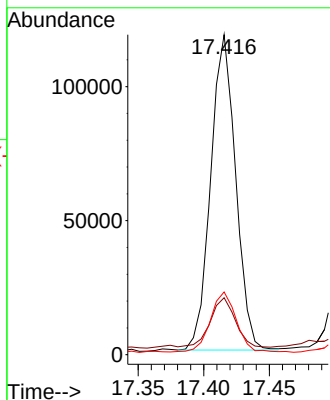
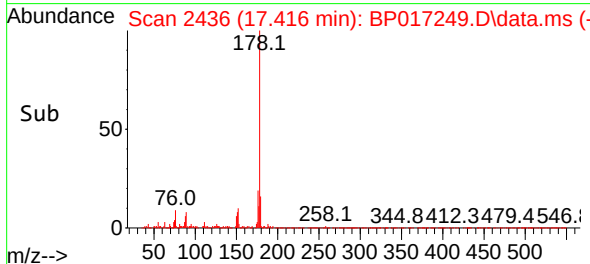
Instrument :
BNA_P
ClientSampleId :
EZYX7



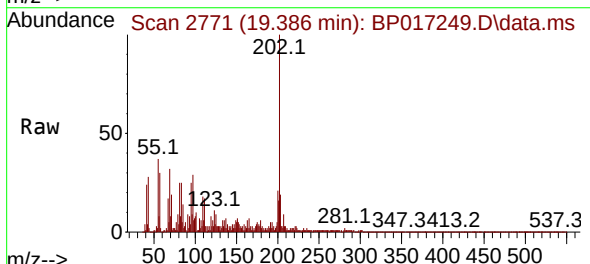
Tgt Ion:178 Resp: 155858
Ion Ratio Lower Upper
178 100
179 17.8 12.7 19.1
176 19.6 15.8 23.6

Manual Integrations
APPROVED

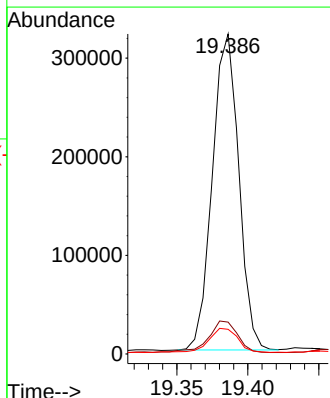
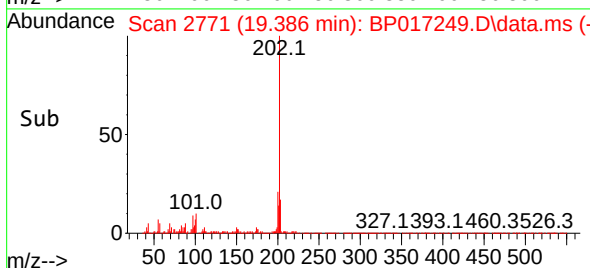
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

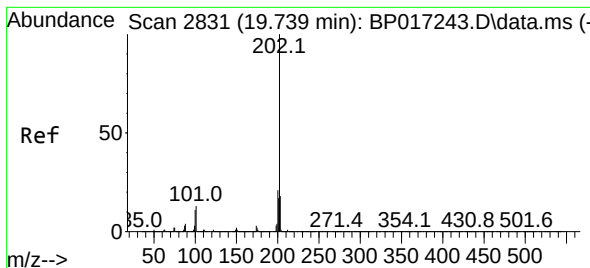


#80
Fluoranthene
Concen: 5.280 ng/ul
RT: 19.386 min Scan# 2771
Delta R.T. -0.006 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52



Tgt Ion:202 Resp: 413930
Ion Ratio Lower Upper
202 100
101 10.0 8.4 12.6
100 7.7 6.6 10.0





#82

Pyrene

Concen: 5.053 ng/ul

RT: 19.745 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Instrument :

BNA_P

ClientSampleId :

EZYX7

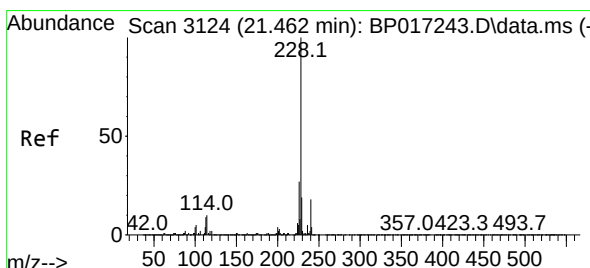
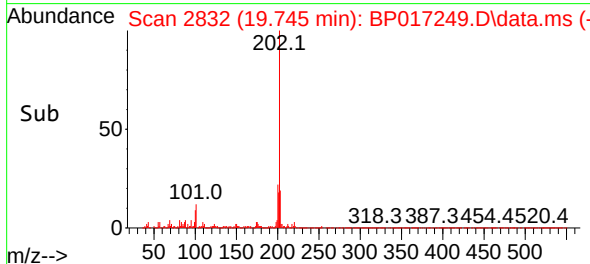
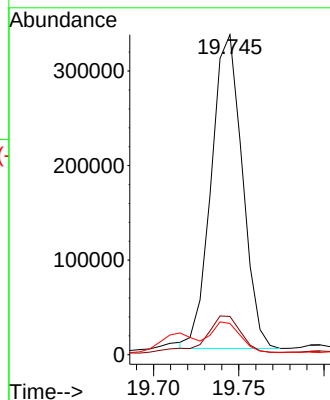
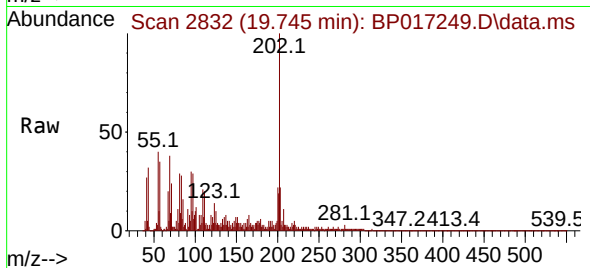
Tgt Ion:	202	Resp:	42114
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	9.8	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#85

Benzo(a)anthracene

Concen: 2.823 ng/ul

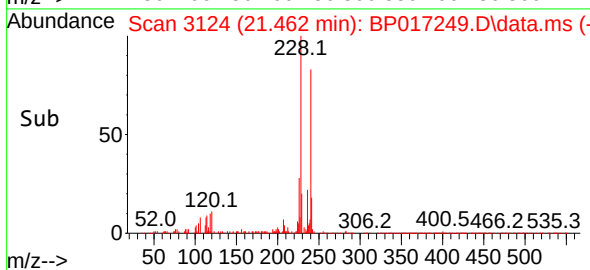
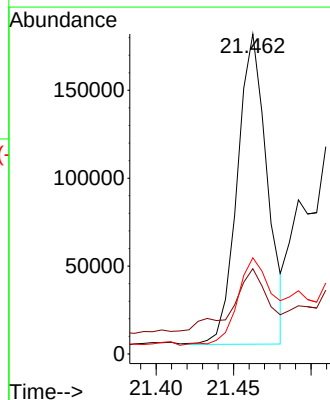
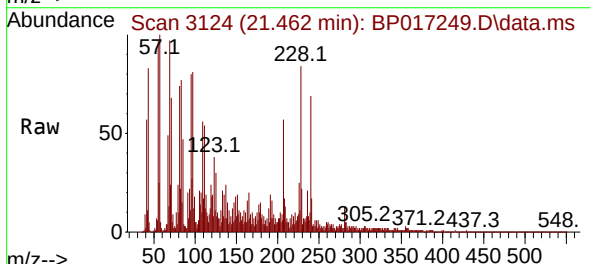
RT: 21.462 min Scan# 3124

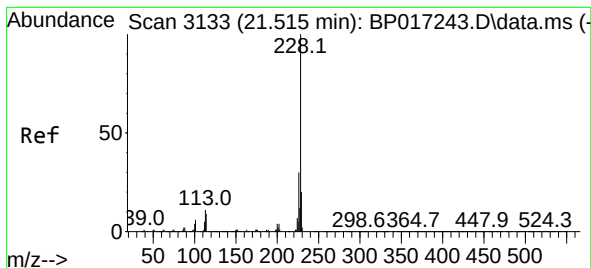
Delta R.T. -0.006 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Tgt Ion:	228	Resp:	236860
Ion Ratio	Lower	Upper	
228	100		
229	26.6	15.8	23.6
226	30.1	21.8	32.8





#87

Chrysene

Concen: 3.532 ng/ul m

RT: 21.515 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Instrument :

BNA_P

ClientSampleId :

EZYX7

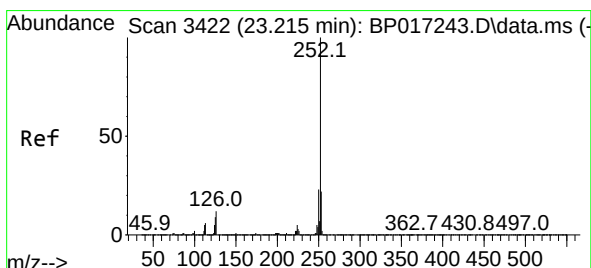
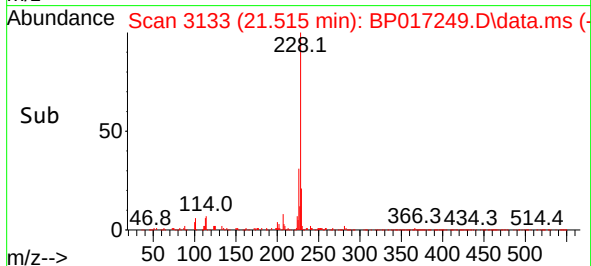
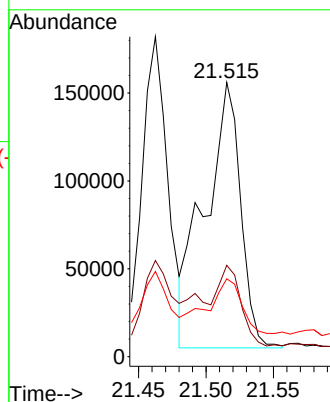
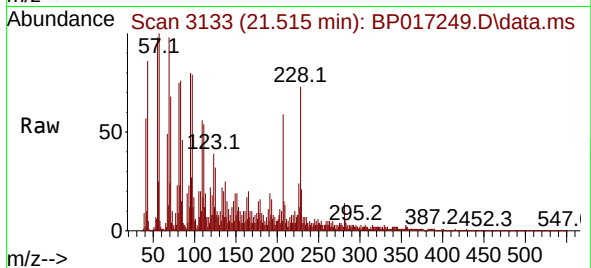
Tgt Ion:228	Resp: 27889
Ion Ratio	Lower Upper
228 100	
226 33.3	24.1 36.1
229 28.4	15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#90

Benzo(b)fluoranthene

Concen: 5.185 ng/ul

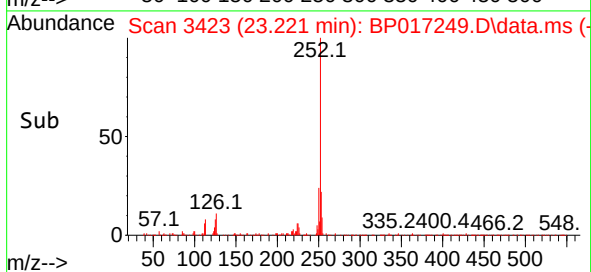
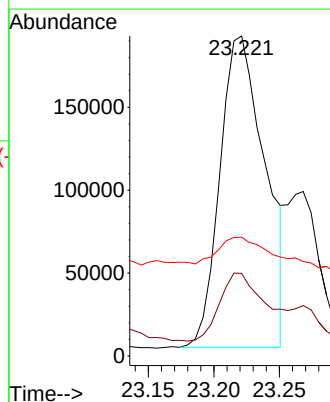
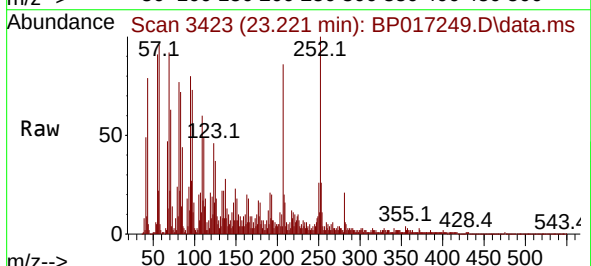
RT: 23.221 min Scan# 3423

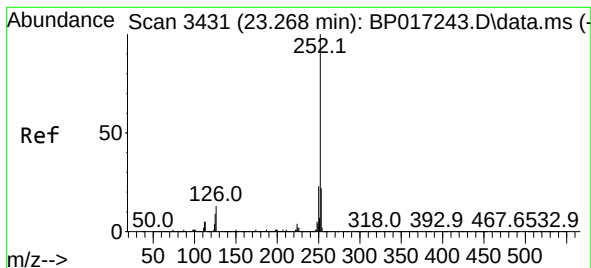
Delta R.T. -0.006 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Tgt Ion:252	Resp: 450680
Ion Ratio	Lower Upper
252 100	
253 25.8	17.4 26.0
125 37.1	7.8 11.8





#91

Benzo(k)fluoranthene

Concen: 1.955 ng/ul m

RT: 23.268 min Scan# 3431

Delta R.T. -0.012 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Instrument :

BNA_P

ClientSampleId :

EZYX7

Tgt Ion:252 Resp: 171410

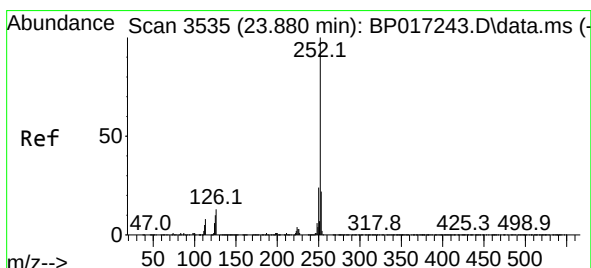
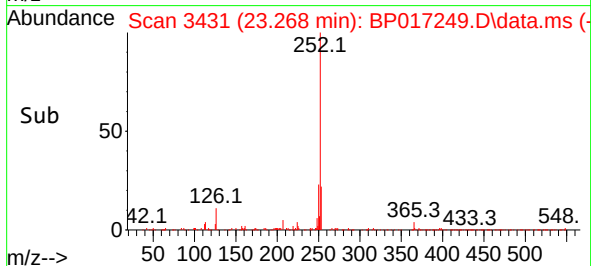
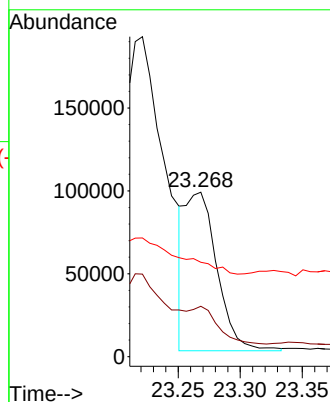
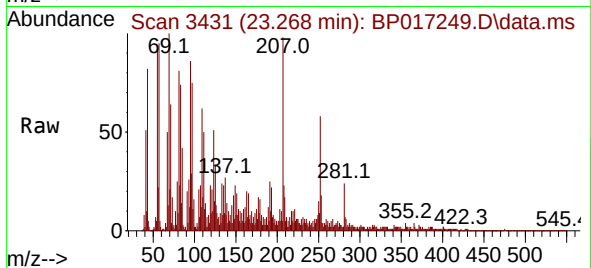
Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.9	26.9
125	57.4	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#93

Benzo(a)pyrene

Concen: 3.345 ng/ul

RT: 23.892 min Scan# 3537

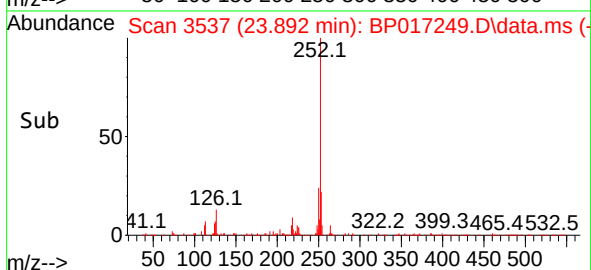
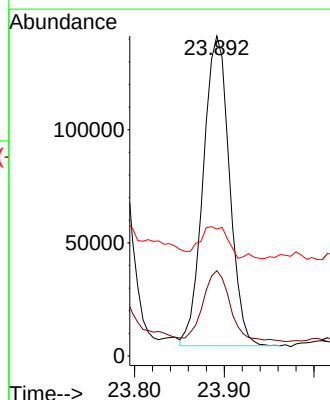
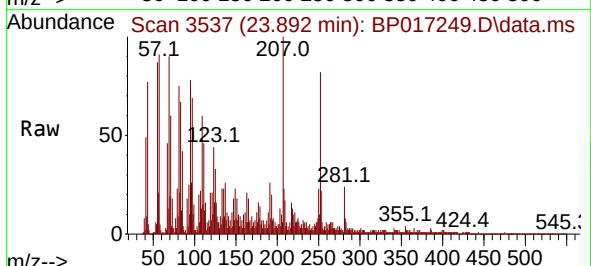
Delta R.T. -0.006 min

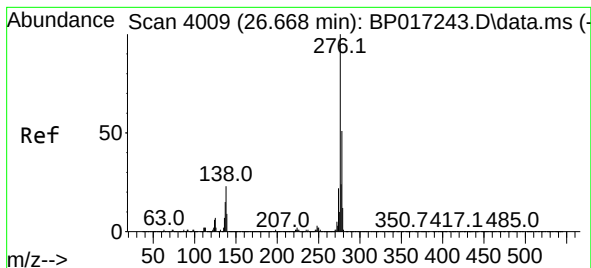
Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Tgt Ion:252 Resp: 278138

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.0
125	39.6	8.9	13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.375 ng/ul

RT: 26.674 min Scan# 4009

Delta R.T. -0.018 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Instrument :

BNA_P

ClientSampleId :

EZYX7

Tgt Ion:276 Resp: 247570

Ion Ratio Lower Upper

276 100

138 29.4 17.9 26.9

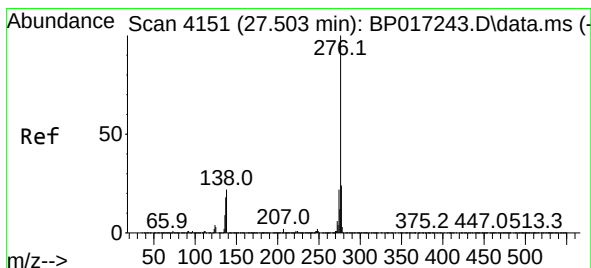
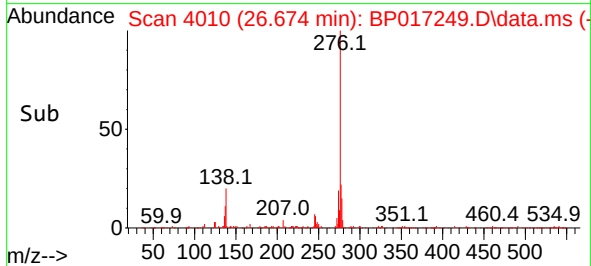
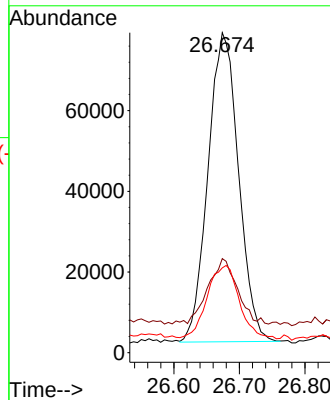
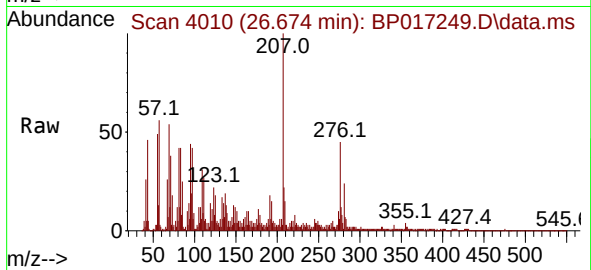
277 26.5 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#96

Benzo(g,h,i)perylene

Concen: 3.346 ng/ul

RT: 27.515 min Scan# 4153

Delta R.T. -0.018 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Tgt Ion:276 Resp: 281241

Ion Ratio Lower Upper

276 100

138 25.3 17.3 25.9

277 26.1 18.8 28.2

