

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017512.D
 Acq On : 03 Oct 2023 12:07
 Operator : MA/JU
 Sample : 04417-30
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYM9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 00:41:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 22:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	117622	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	444015	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	258497	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	571659	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	562669	20.000	ng/u1	# 0.00
88) Perylene-d12	24.168	264	647047	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	7958	2.779	ng/uL	0.00
4) Pyridine-d5	3.734	84	18200	2.273	ng/u1	0.02
7) Phenol-d5	7.093	99	196655	20.357	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	140541	24.107	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	158330	20.665	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	103417	13.770	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	87494	27.257	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	62564	17.950	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	129235	19.626	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	112442	11.788	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	506759	27.366	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	568595	26.697	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	16890	5.235	ng/u1	0.02
60) Fluorene-d10	15.634	176	470474	29.511	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	11938m	3.705	ng/u1	0.00
73) Anthracene-d10	17.522	188	708887	27.960	ng/u1	0.00
81) Pyrene-d10	19.780	212	900971	29.610	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	870975	27.958	ng/u1	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.122	94	82937	8.536	ng/u1	95
16) Acetophenone	8.793	105	60993	5.255	ng/u1	98
80) Fluoranthene	19.445	202	47552	1.340	ng/u1#	95
82) Pyrene	19.810	202	67799	1.797	ng/u1	95
90) Benzo(b)fluoranthene	23.357	252	69813	1.830	ng/u1#	1
91) Benzo(k)fluoranthene	23.415	252	47193m	1.226	ng/u1	
93) Benzo(a)pyrene	24.051	252	53997	1.479	ng/u1#	1
94) Indeno(1,2,3-cd)pyrene	26.927	276	70268	1.536	ng/u1#	80
95) Dibenzo(a,h)anthracene	26.951	278	44340	1.164	ng/u1#	49
96) Benzo(g,h,i)perylene	27.792	276	84372	2.287	ng/u1#	86

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

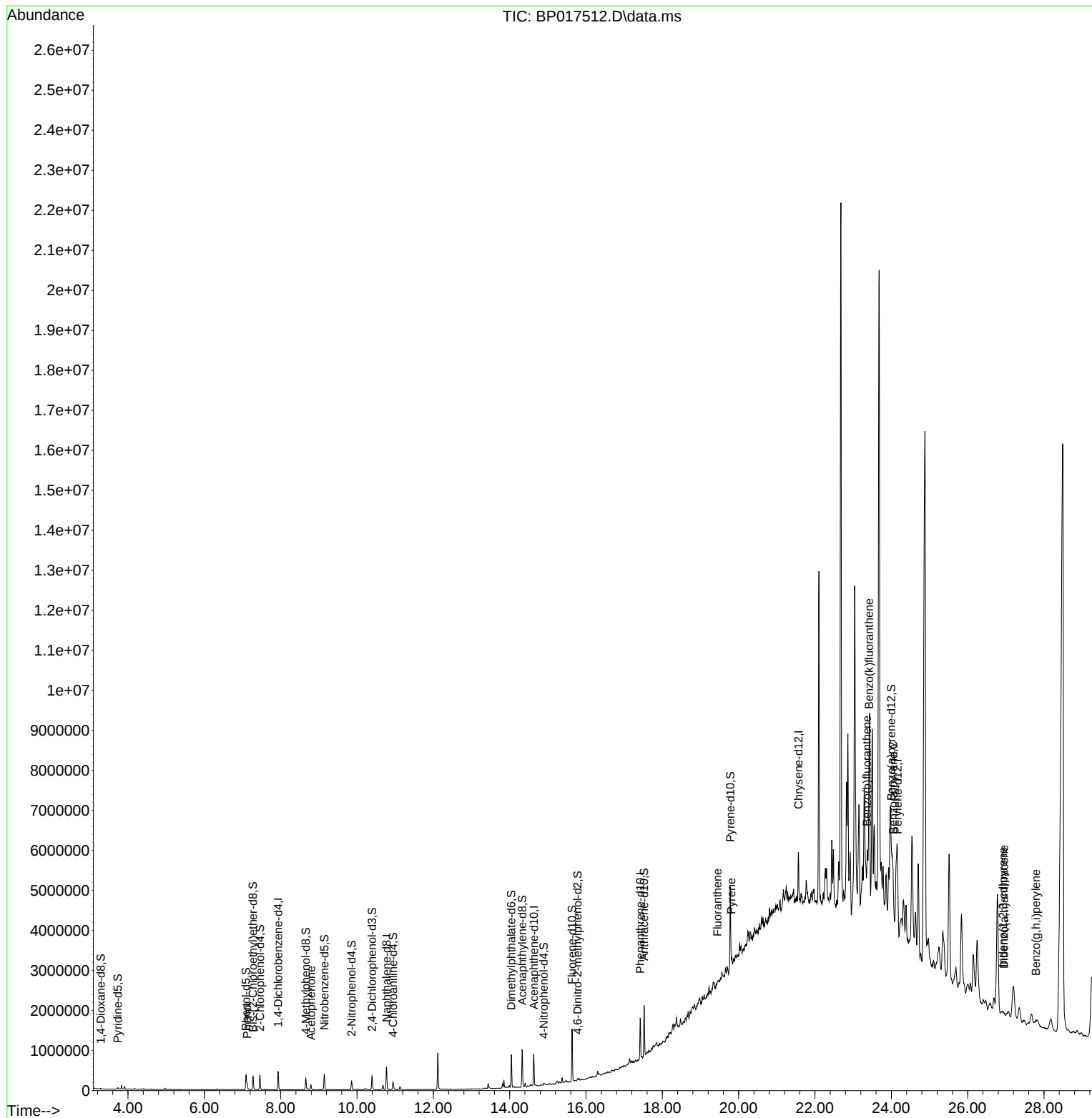
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017512.D
Acq On : 03 Oct 2023 12:07
Operator : MA/JU
Sample : 04417-30
Misc :
ALS Vial : 36 Sample Multiplier: 1

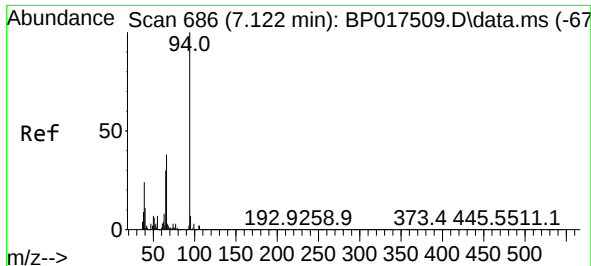
Instrument :
BNA_P
ClientSampleId :
EZYM9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

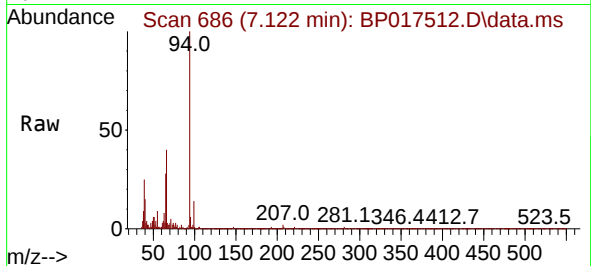
Quant Time: Oct 04 00:41:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 22:59:42 2023
Response via : Initial Calibration





#8
Phenol
Concen: 8.536 ng/u1
RT: 7.122 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP017512.D
Acq: 03 Oct 2023 12:07

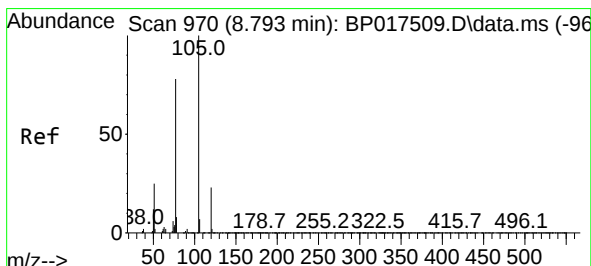
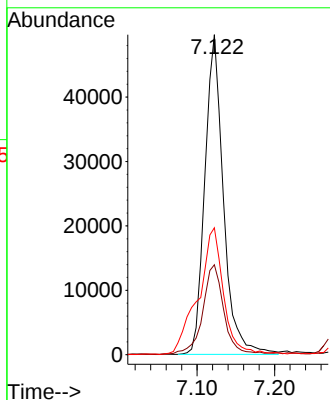
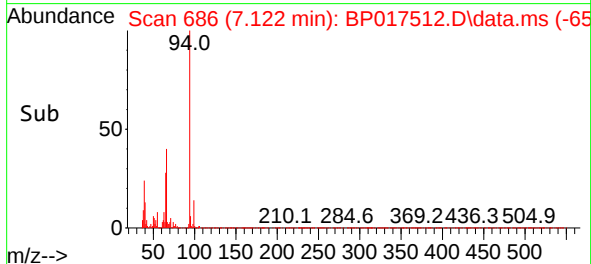
Instrument :
BNA_P
ClientSampleId :
EZYM9



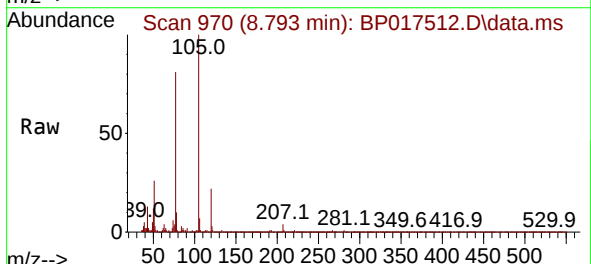
Tgt Ion: 94 Resp: 8293
Ion Ratio Lower Upper
94 100
65 28.1 21.4 32.2
66 39.7 28.2 42.2

Manual Integrations
APPROVED

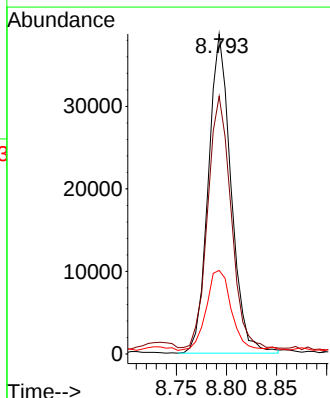
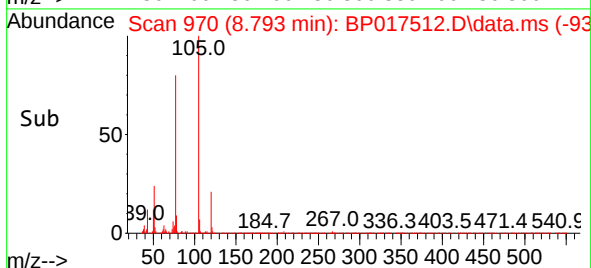
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

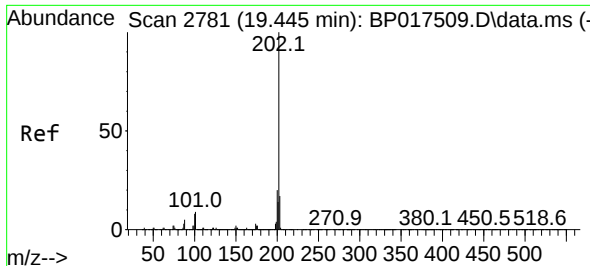


#16
Acetophenone
Concen: 5.255 ng/u1
RT: 8.793 min Scan# 970
Delta R.T. 0.000 min
Lab File: BP017512.D
Acq: 03 Oct 2023 12:07



Tgt Ion:105 Resp: 60993
Ion Ratio Lower Upper
105 100
77 80.5 63.6 95.4
51 26.1 19.2 28.8





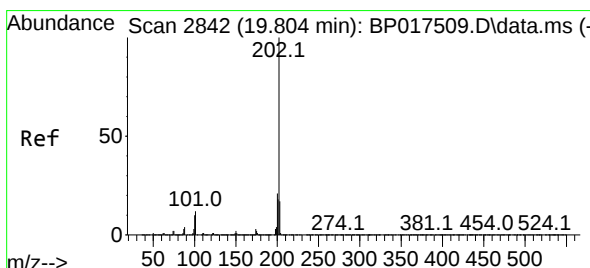
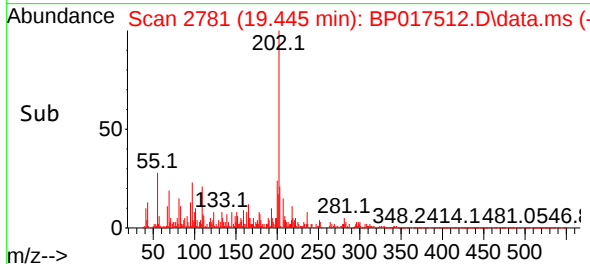
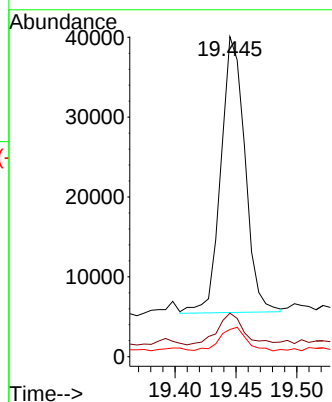
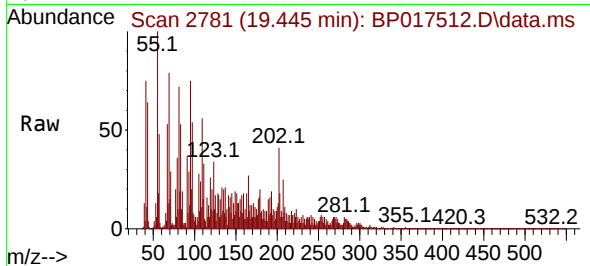
#80
Fluoranthene
Concen: 1.340 ng/u1
RT: 19.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017512.D
Acq: 03 Oct 2023 12:07

Instrument :
BNA_P
ClientSampleId :
EZYM9

Tgt Ion:202 Resp: 47552
Ion Ratio Lower Upper
202 100
101 13.6 8.4 12.6
100 8.5 6.6 10.0

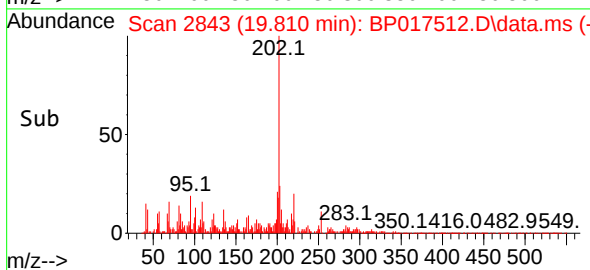
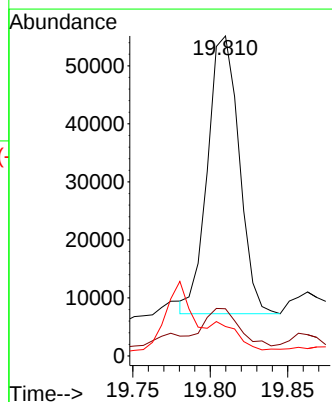
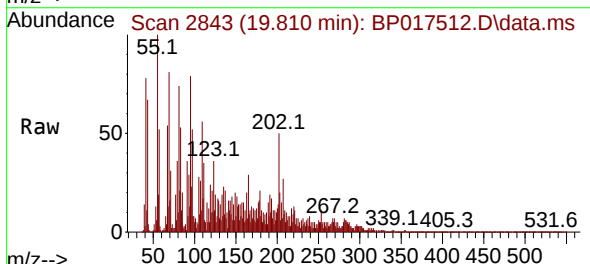
Manual Integrations
APPROVED

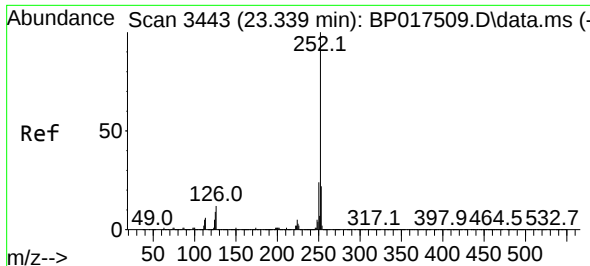
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#82
Pyrene
Concen: 1.797 ng/u1
RT: 19.810 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BP017512.D
Acq: 03 Oct 2023 12:07

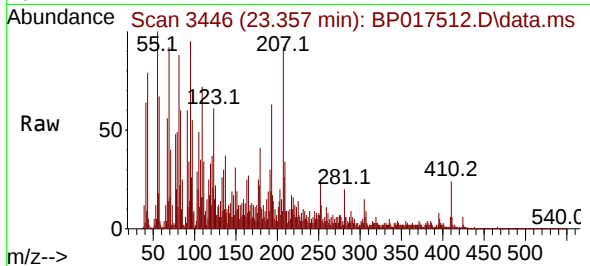
Tgt Ion:202 Resp: 67799
Ion Ratio Lower Upper
202 100
101 14.7 9.8 14.8
100 9.2 8.1 12.1





#90
Benzo(b)fluoranthene
Concen: 1.830 ng/ul
RT: 23.357 min Scan# 3443
Delta R.T. 0.018 min
Lab File: BP017512.D
Acq: 03 Oct 2023 12:07

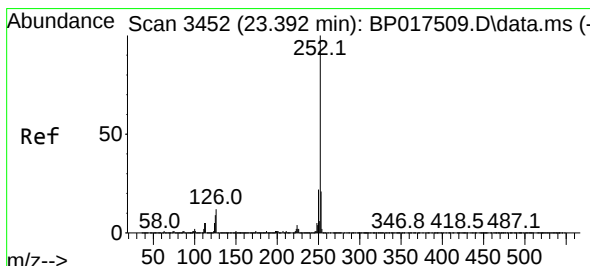
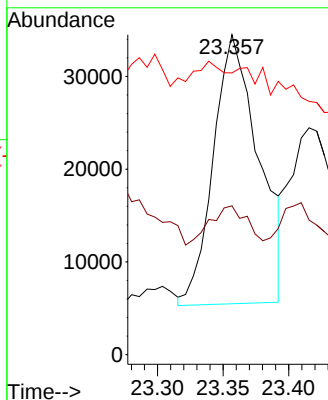
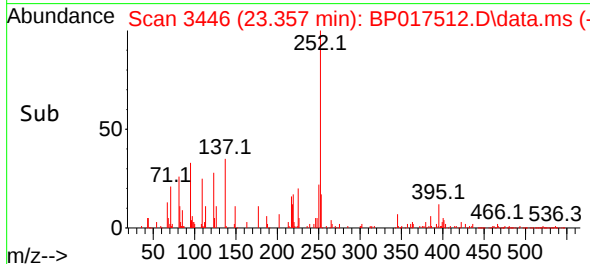
Instrument :
BNA_P
ClientSampleId :
EZYM9



Tgt Ion:252 Resp: 69811
Ion Ratio Lower Upper
252 100
253 46.5 17.4 26.0#
125 88.0 7.8 11.8#

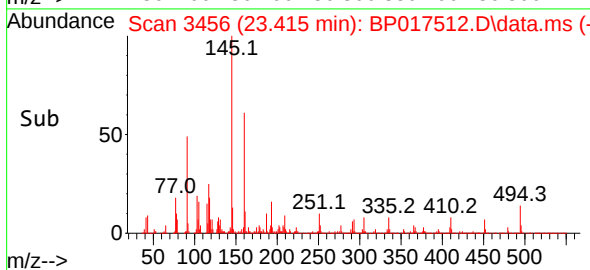
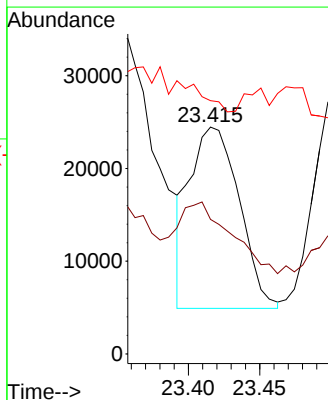
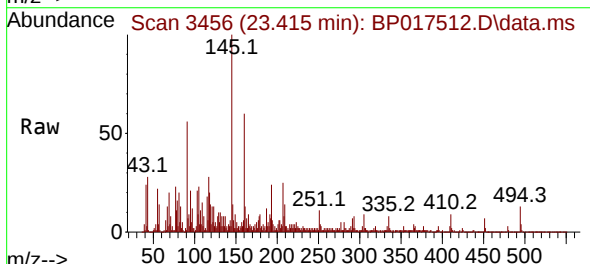
Manual Integrations
APPROVED

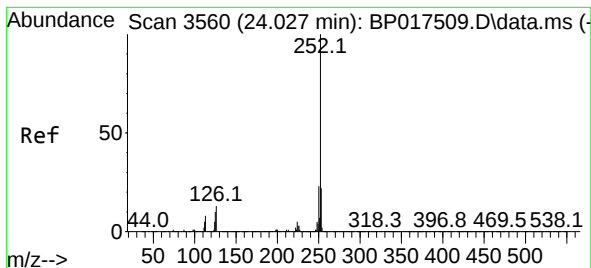
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#91
Benzo(k)fluoranthene
Concen: 1.226 ng/ul m
RT: 23.415 min Scan# 3456
Delta R.T. 0.024 min
Lab File: BP017512.D
Acq: 03 Oct 2023 12:07

Tgt Ion:252 Resp: 47193
Ion Ratio Lower Upper
252 100
253 59.4 17.9 26.9#
125 111.6 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 1.479 ng/ul

RT: 24.051 min Scan# 3564

Delta R.T. 0.024 min

Lab File: BP017512.D

Acq: 03 Oct 2023 12:07

Instrument :

BNA_P

ClientSampleId :

EZYM9

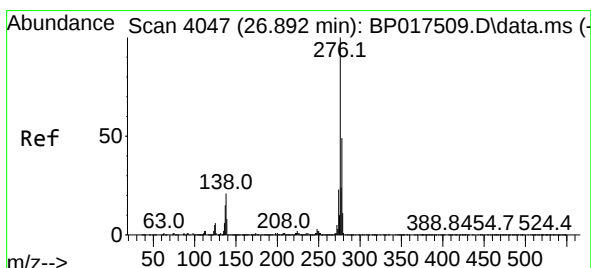
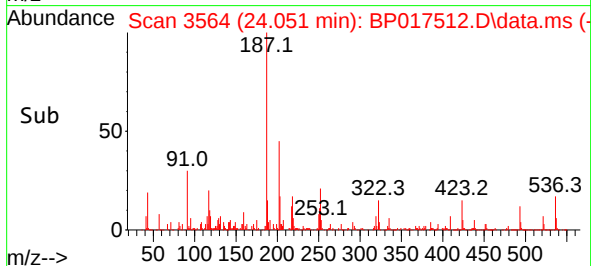
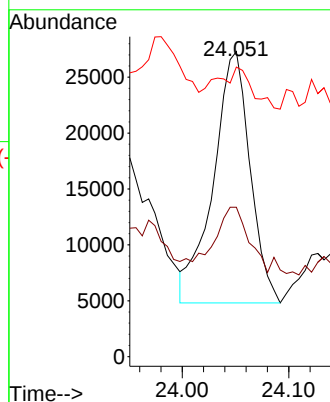
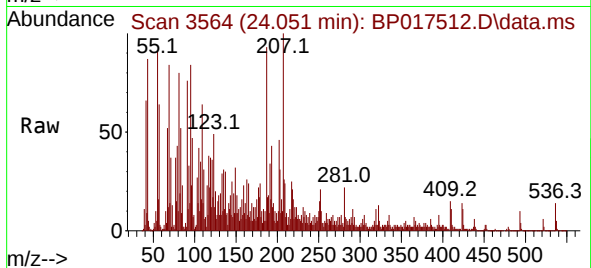
Tgt Ion:	252	Resp:	5399
Ion Ratio	Lower	Upper	
252	100		
253	49.0	17.4	26.0
125	95.0	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.536 ng/ul

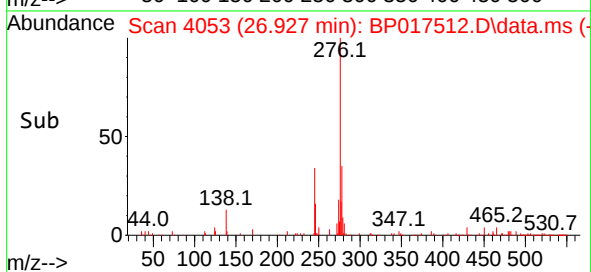
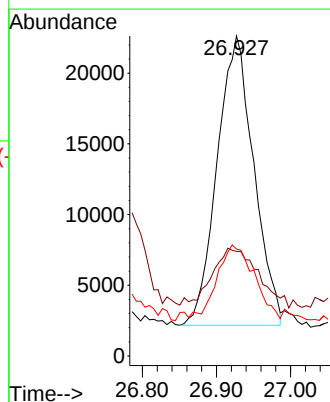
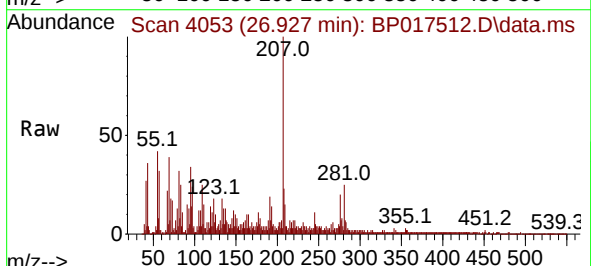
RT: 26.927 min Scan# 4053

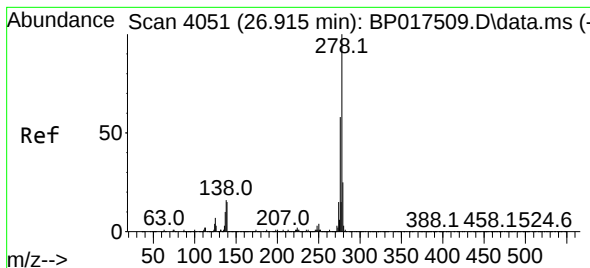
Delta R.T. 0.035 min

Lab File: BP017512.D

Acq: 03 Oct 2023 12:07

Tgt Ion:	276	Resp:	70268
Ion Ratio	Lower	Upper	
276	100		
138	32.7	17.9	26.9
277	33.4	19.5	29.3





#95

Dibenzo(a,h)anthracene

Concen: 1.164 ng/ul

RT: 26.951 min Scan# 4051

Delta R.T. 0.035 min

Lab File: BP017512.D

Acq: 03 Oct 2023 12:07

Instrument :

BNA_P

ClientSampleId :

EZYM9

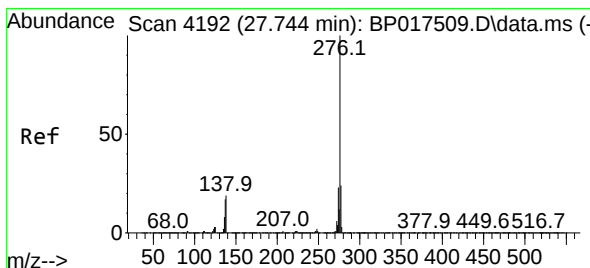
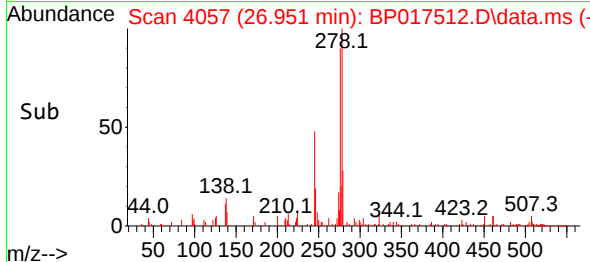
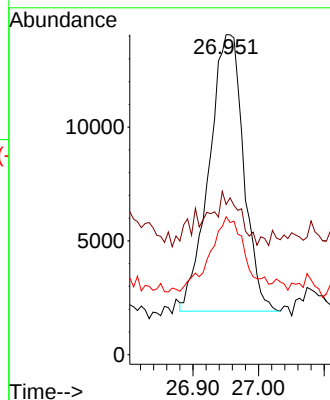
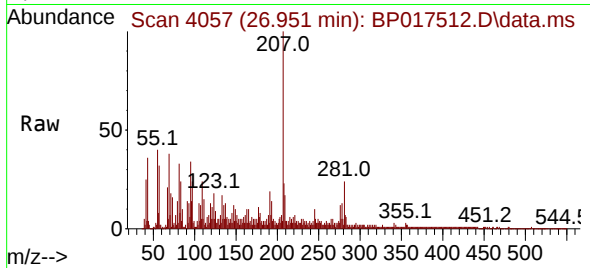
Tgt Ion:	278	Resp:	44340
Ion Ratio	Lower	Upper	
278	100		
139	47.0	13.4	20.0
279	43.1	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2023

Supervised By :mohammad ahmed 10/05/2023



#96

Benzo(g,h,i)perylene

Concen: 2.287 ng/ul

RT: 27.792 min Scan# 4200

Delta R.T. 0.047 min

Lab File: BP017512.D

Acq: 03 Oct 2023 12:07

Tgt Ion:	276	Resp:	84372
Ion Ratio	Lower	Upper	
276	100		
138	28.1	17.3	25.9
277	30.0	18.8	28.2

