

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
 Data File : BP017219.D
 Acq On : 18 Sep 2023 23:07
 Operator : MA/JU
 Sample : 04330-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYG0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 19 00:03:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	269777	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	1095289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	623328	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	1180859	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	831881	20.000	ng/u1	0.00
88) Perylene-d12	24.004	264	1040690	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	43536	6.782	ng/uL	0.00
4) Pyridine-d5	3.746	84	365914	19.925	ng/u1	0.00
7) Phenol-d5	7.099	99	767201	34.974	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	496350	36.201	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	602477	34.427	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	338038	18.594	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	316763	41.302	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	300704	36.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	519401	32.801	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	665204	27.871	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	1819936	41.029	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	2054971	40.829	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	111317	12.985	ng/u1	0.00
60) Fluorene-d10	15.604	176	1541767	40.199	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	54764	8.301	ng/u1	0.00
73) Anthracene-d10	17.475	188	2083794	41.533	ng/u1	0.00
81) Pyrene-d10	19.716	212	2135622	48.951	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2129632	43.357	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.799	105	156388	5.496	ng/u1	98
72) Phenanthrene	17.422	178	115065	1.939	ng/u1	98
80) Fluoranthene	19.386	202	166963	3.274	ng/u1	100
82) Pyrene	19.745	202	219035	4.065	ng/u1	98
85) Benzo(a)anthracene	21.463	228	117947	2.165	ng/u1	96
87) Chrysene	21.515	228	191500	3.780	ng/u1#	96
90) Benzo(b)fluoranthene	23.215	252	342999	5.592	ng/u1#	93
91) Benzo(k)fluoranthene	23.262	252	131726m	2.160	ng/u1	
93) Benzo(a)pyrene	23.892	252	154158	2.709	ng/u1#	82
94) Indeno(1,2,3-cd)pyrene	26.674	276	218454	3.466	ng/u1	96
95) Dibenzo(a,h)anthracene	26.698	278	58299m	1.101	ng/u1	
96) Benzo(g,h,i)perylene	27.509	276	235874	4.840	ng/u1	94

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

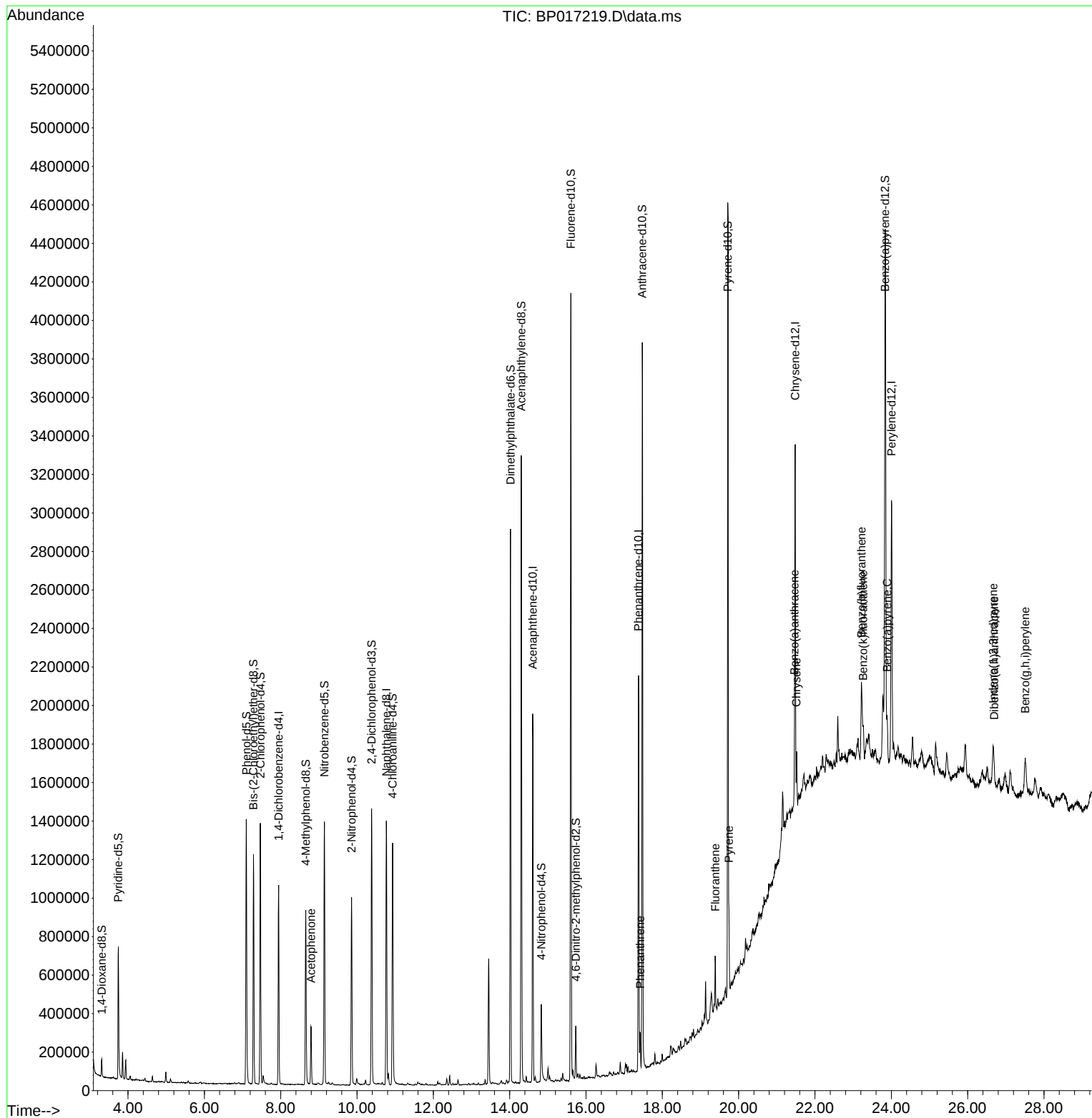
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 Data File : BP017219.D
 Acq On : 18 Sep 2023 23:07
 Operator : MA/JU
 Sample : 04330-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

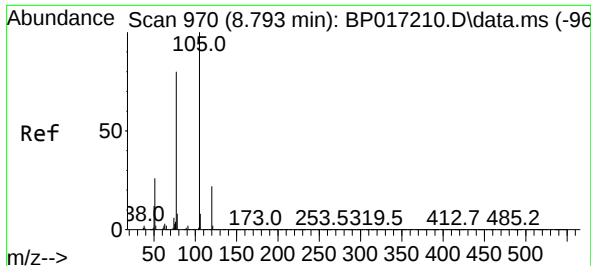
Instrument :
 BNA_P
 ClientSampleId :
 EZYG0

Quant Time: Sep 19 00:03:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
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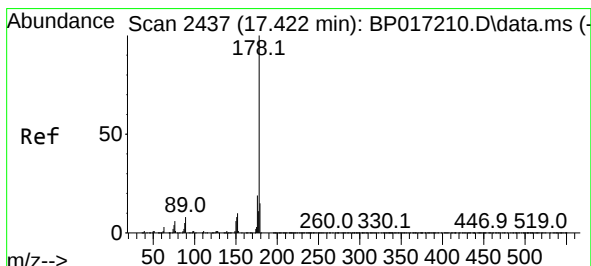
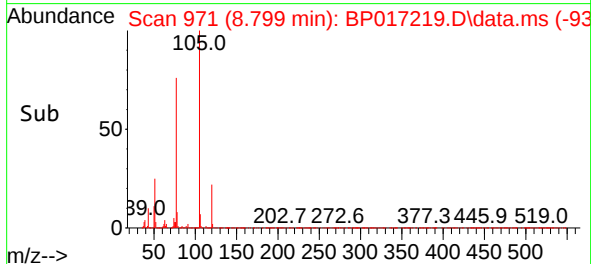
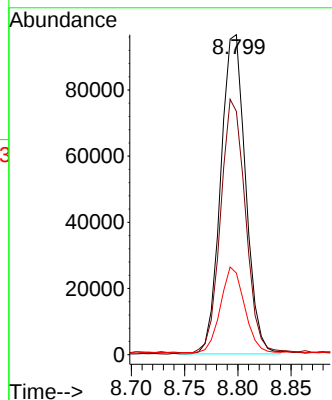
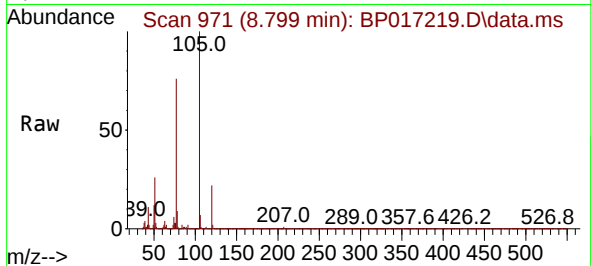
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Acetophenone
Concen: 5.496 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017219.D
Acq: 18 Sep 2023 23:07

Instrument :
BNA_P
ClientSampleId :
EZYGO

Tgt Ion:105 Resp: 15638
Ion Ratio Lower Upper
105 100
77 76.1 63.0 94.4
51 25.5 20.5 30.7

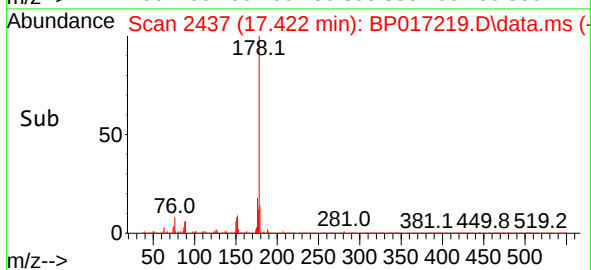
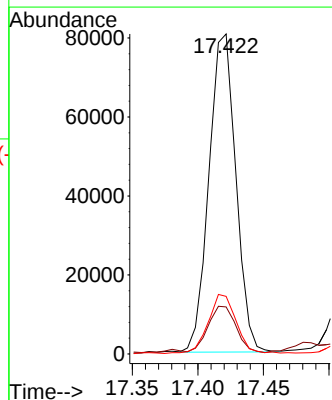
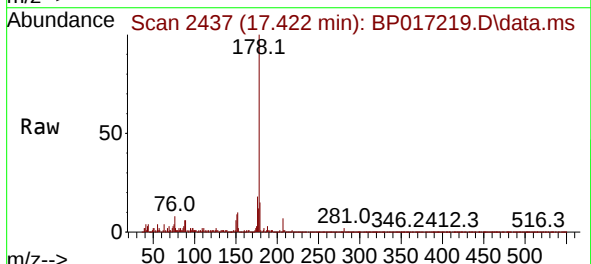
Manual Integrations
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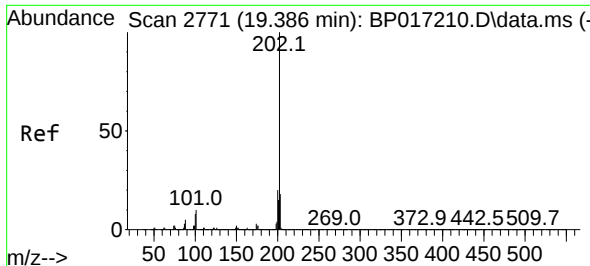
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Phenanthrene
Concen: 1.939 ng/ul
RT: 17.422 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP017219.D
Acq: 18 Sep 2023 23:07

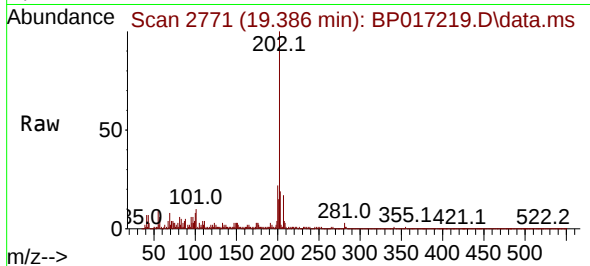
Tgt Ion:178 Resp: 115065
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.2
176 18.0 15.6 23.4





#80
Fluoranthene
Concen: 3.274 ng/u1
RT: 19.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017219.D
Acq: 18 Sep 2023 23:07

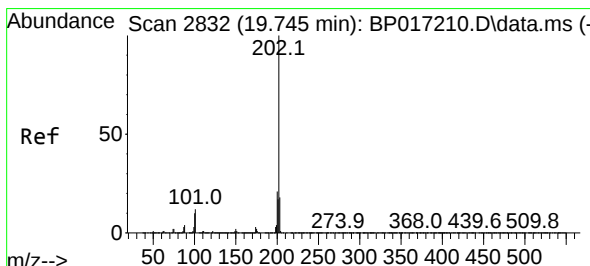
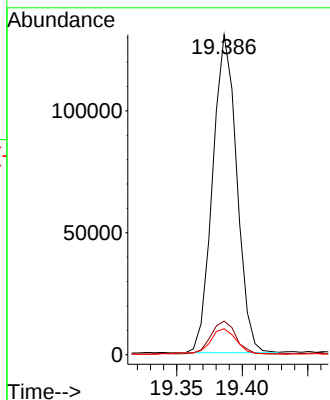
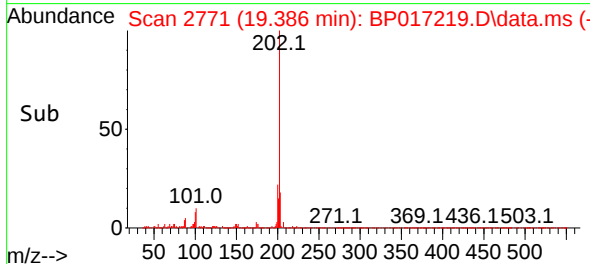
Instrument :
BNA_P
ClientSampleId :
EZYGO



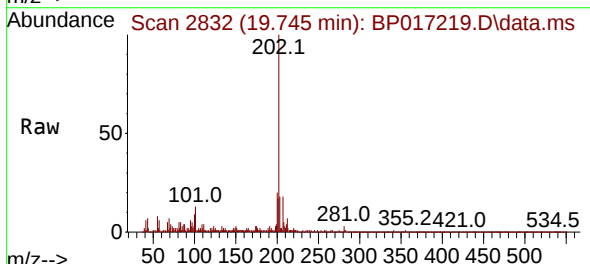
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Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 8.1 6.4 9.6

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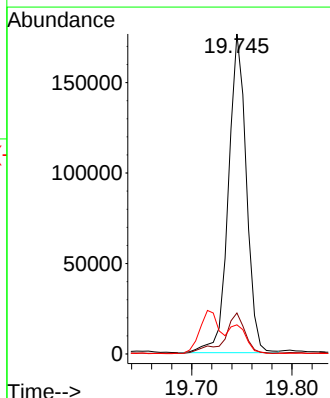
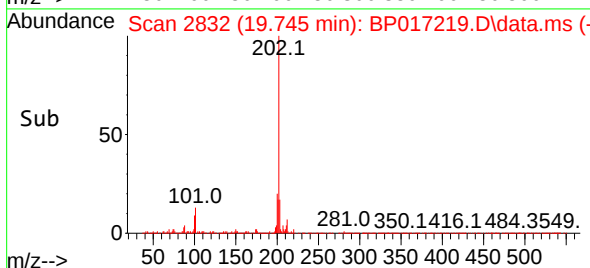
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

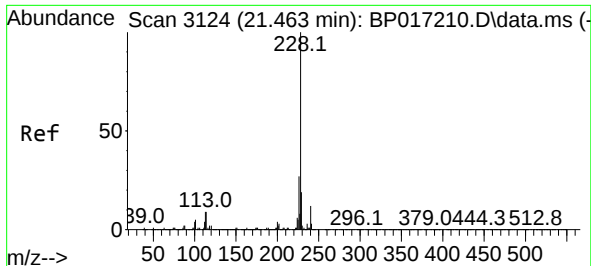


#82
Pyrene
Concen: 4.065 ng/u1
RT: 19.745 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP017219.D
Acq: 18 Sep 2023 23:07



Tgt Ion:202 Resp: 219035
Ion Ratio Lower Upper
202 100
101 12.8 9.7 14.5
100 9.1 7.8 11.8





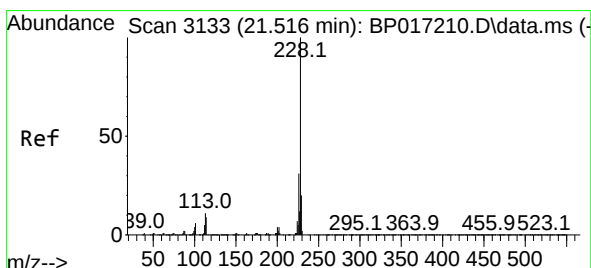
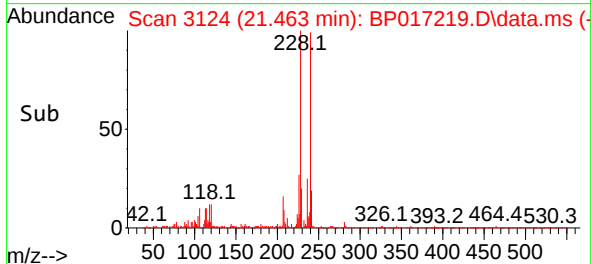
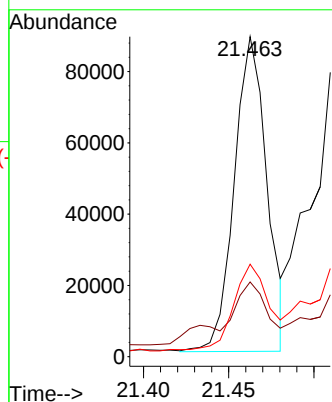
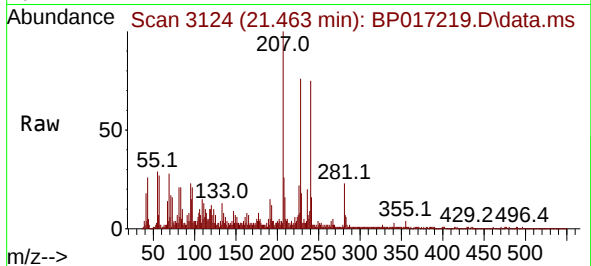
#85
Benzo(a)anthracene
Concen: 2.165 ng/u1
RT: 21.463 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP017219.D
Acq: 18 Sep 2023 23:07

Instrument : BNA_P
ClientSampleId : EZYG0

Tgt Ion:228 Resp: 11794
Ion Ratio Lower Upper
228 100
229 23.3 16.1 24.1
226 28.9 22.2 33.4

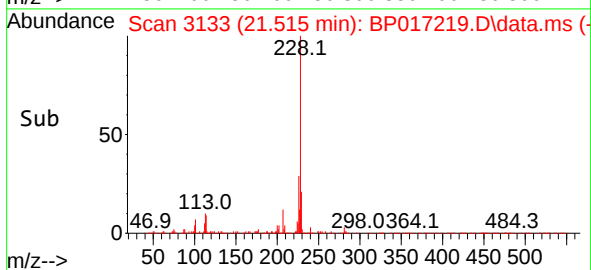
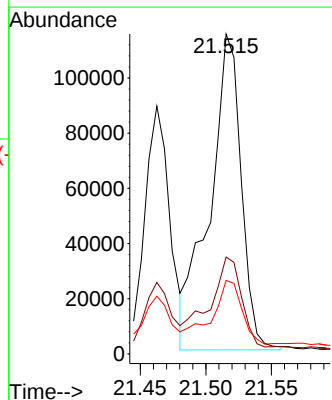
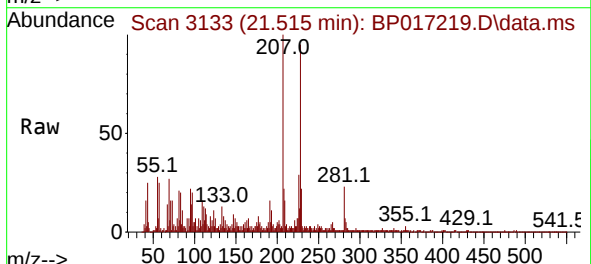
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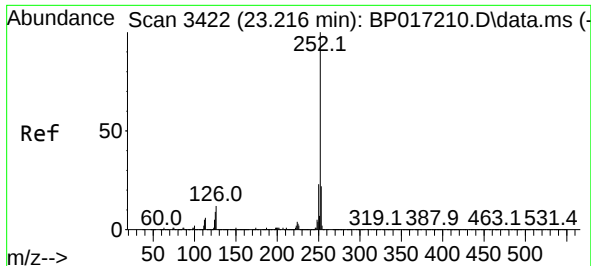
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#87
Chrysene
Concen: 3.780 ng/u1
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP017219.D
Acq: 18 Sep 2023 23:07

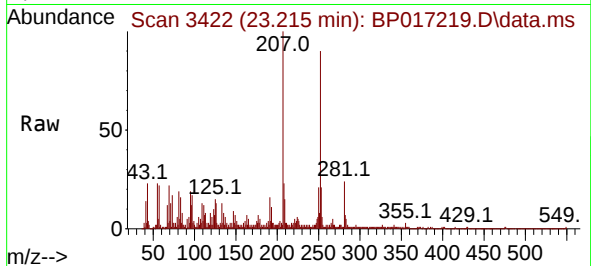
Tgt Ion:228 Resp: 191500
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 23.0 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 5.592 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP017219.D
Acq: 18 Sep 2023 23:07

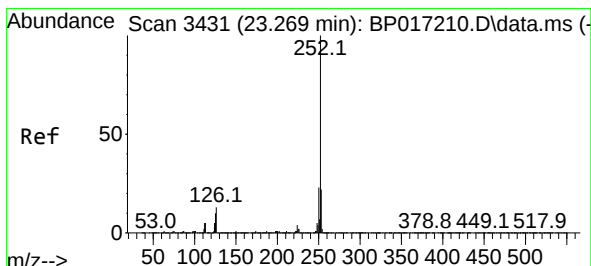
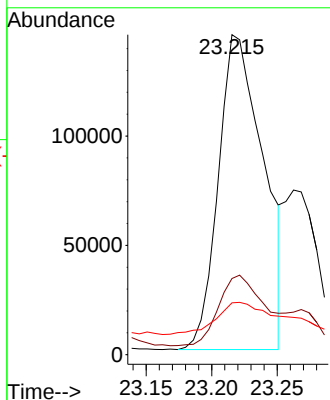
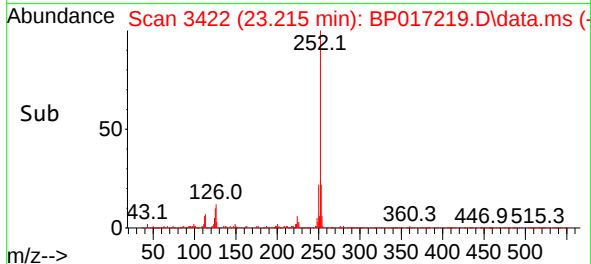
Instrument :
BNA_P
ClientSampleId :
EZYGO



Tgt Ion:252 Resp: 342999
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 16.2 7.5 11.3

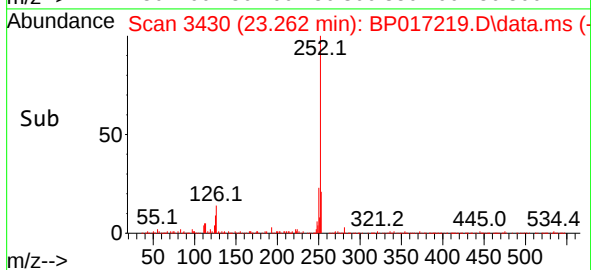
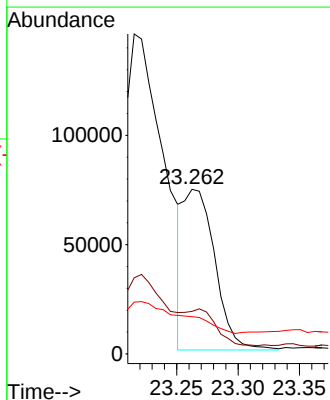
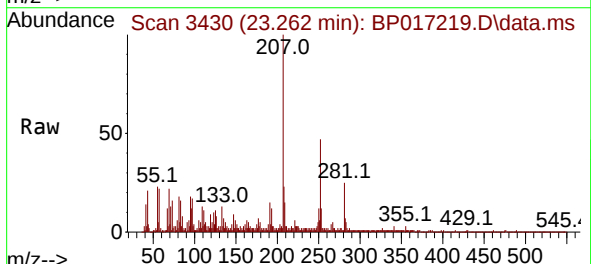
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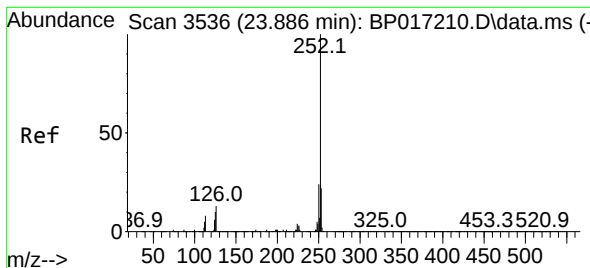
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#91
Benzo(k)fluoranthene
Concen: 2.160 ng/ul m
RT: 23.262 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP017219.D
Acq: 18 Sep 2023 23:07

Tgt Ion:252 Resp: 131726
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.6
125 22.7 7.4 11.2





#93

Benzo(a)pyrene

Concen: 2.709 ng/ul

RT: 23.892 min Scan# 30

Delta R.T. -0.000 min

Lab File: BP017219.D

Acq: 18 Sep 2023 23:07

Instrument :

BNA_P

ClientSampleId :

EZYG0

Tgt Ion:252 Resp: 154158

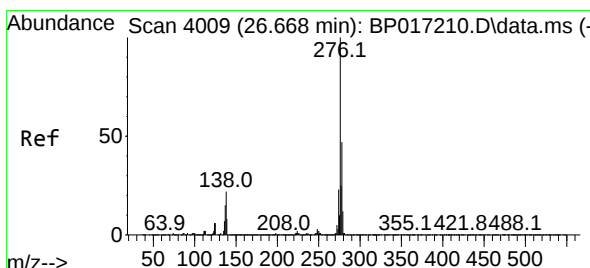
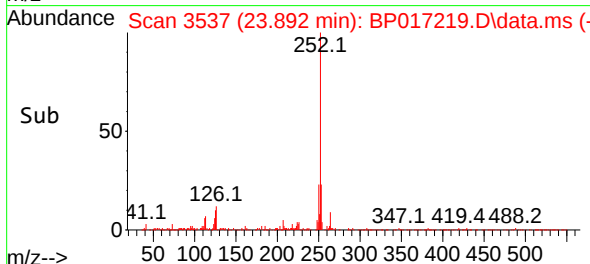
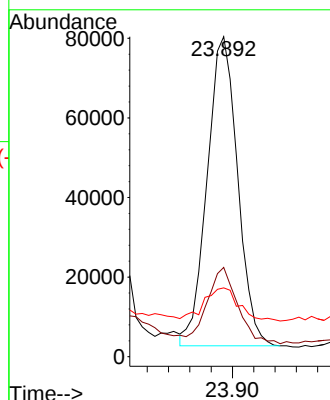
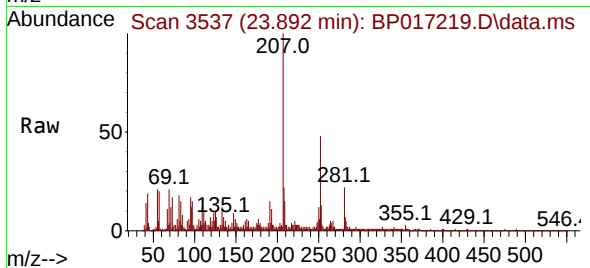
Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.4	26.2
125	21.5	8.1	12.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.466 ng/ul

RT: 26.674 min Scan# 4010

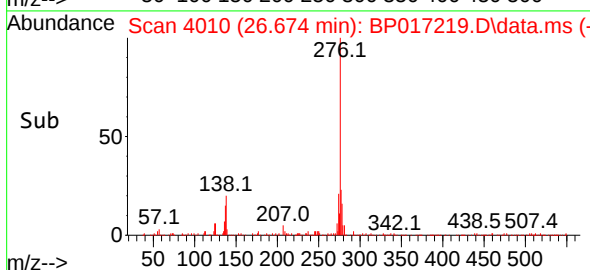
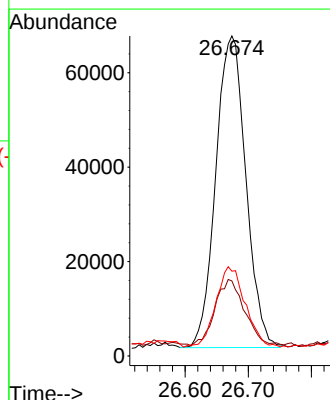
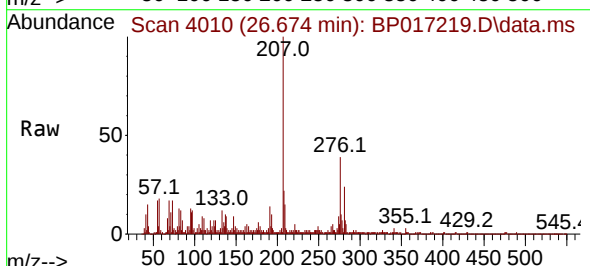
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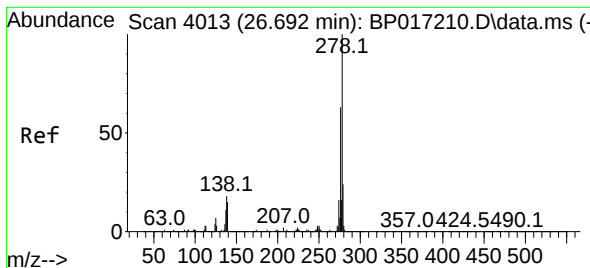
Lab File: BP017219.D

Acq: 18 Sep 2023 23:07

Tgt Ion:276 Resp: 218454

Ion	Ratio	Lower	Upper
276	100		
138	23.4	17.5	26.3
277	26.5	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.101 ng/ul m

RT: 26.698 min Scan# 4013

Delta R.T. -0.000 min

Lab File: BP017219.D

Acq: 18 Sep 2023 23:07

Instrument :

BNP_P

ClientSampleId :

EZYGO

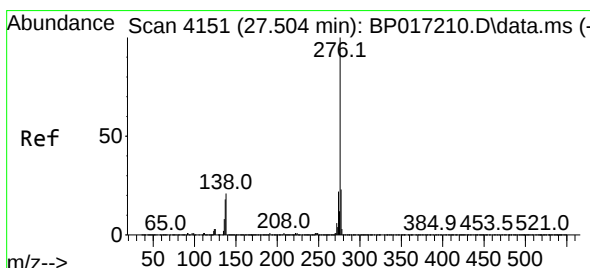
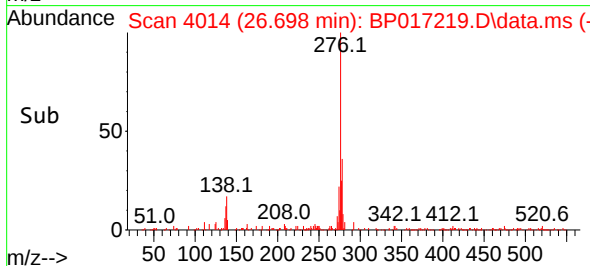
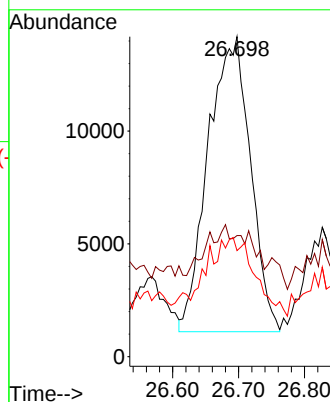
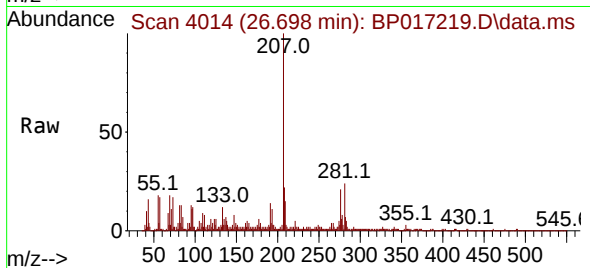
Tgt Ion:	278	Resp:	5829
Ion Ratio	Lower	Upper	
278	100		
139	37.9	11.9	17.9
279	33.1	19.0	28.6

Manual Integrations

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Supervised By :mohammad ahmed 09/19/2023



#96

Benzo(g,h,i)perylene

Concen: 4.840 ng/ul

RT: 27.509 min Scan# 4152

Delta R.T. -0.000 min

Lab File: BP017219.D

Acq: 18 Sep 2023 23:07

Tgt Ion:	276	Resp:	235874
Ion Ratio	Lower	Upper	
276	100		
138	23.9	16.2	24.4
277	26.4	19.6	29.4

