

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016652.D
 Acq On : 18 Aug 2023 21:29
 Operator : MA/JU
 Sample : 03968-31
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48P9

Quant Time: Aug 18 23:39:34 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

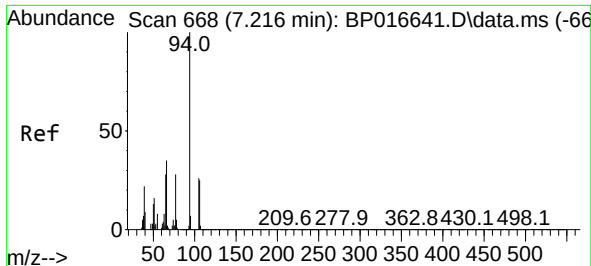
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	275710	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1281006	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	791708	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1746344	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1524104	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1433082	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	37819	5.212	ng/uL	0.00
4) Pyridine-d5	3.828	84	319092	14.455	ng/u1	0.00
7) Phenol-d5	7.187	99	600900	23.640	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	388283	23.193	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	433015	23.718	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	452278	22.378	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	223196	24.762	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	229597	26.819	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	424694	25.208	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	522989	18.092	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1409510	24.614	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1637534	25.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	210653	18.058	ng/u1	0.00
60) Fluorene-d10	15.692	176	1256914	25.747	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	114849	13.824	ng/u1	0.00
73) Anthracene-d10	17.569	188	1949545	25.809	ng/u1	0.00
81) Pyrene-d10	19.798	212	2286743	28.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1849210	26.925	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.216	94	30033	1.105	ng/u1#	92
16) Acetophenone	8.899	105	160034	4.903	ng/u1	99
72) Phenanthrene	17.510	178	430576	4.680	ng/u1	99
74) Anthracene	17.598	178	99518	1.077	ng/u1	98
80) Fluoranthene	19.469	202	710643	7.456	ng/u1	100
82) Pyrene	19.827	202	713792	7.092	ng/u1	97
85) Benzo(a)anthracene	21.545	228	360944	3.524	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.421	149	77948	1.325	ng/u1#	97
87) Chrysene	21.604	228	344285	3.592	ng/u1	98
90) Benzo(b)fluoranthene	23.339	252	355840	4.170	ng/u1#	95
91) Benzo(k)fluoranthene	23.392	252	134436m	1.588	ng/u1	
93) Benzo(a)pyrene	24.027	252	258453	3.211	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.880	276	136162	1.433	ng/u1	97
96) Benzo(g,h,i)perylene	27.745	276	125401	1.659	ng/u1	97

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



#8

Phenol

Concen: 1.105 ng/ul

RT: 7.216 min Scan# 60

Delta R.T. -0.006 min

Lab File: BP016652.D

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BNA_P

ClientSampleId :

A48P9

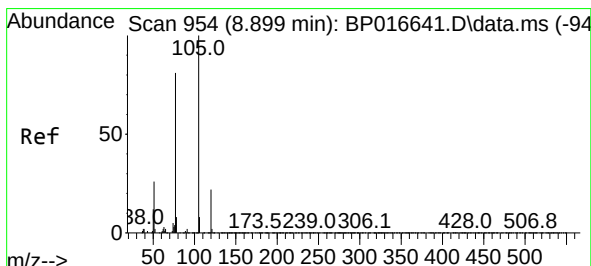
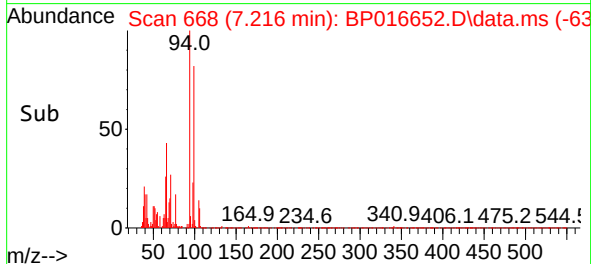
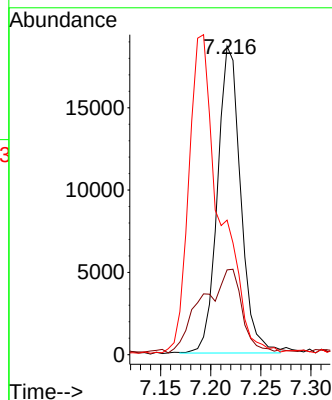
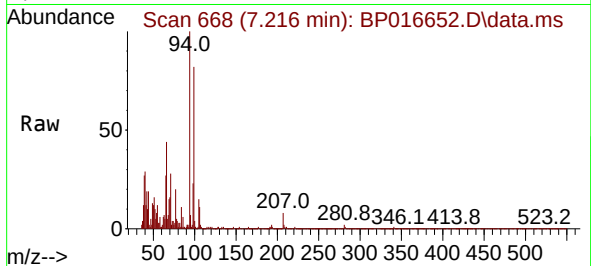
Tgt Ion: 94	Resp: 3003
Ion Ratio	Lower Upper
94 100	
65 27.5	22.3 33.5
66 43.6	28.7 43.1

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#16

Acetophenone

Concen: 4.903 ng/ul

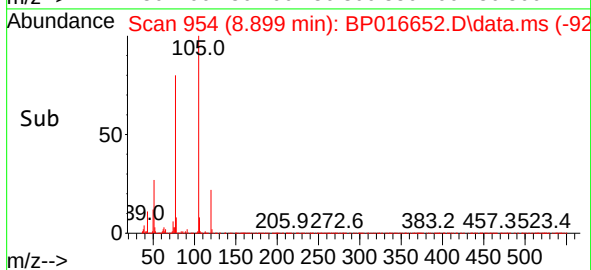
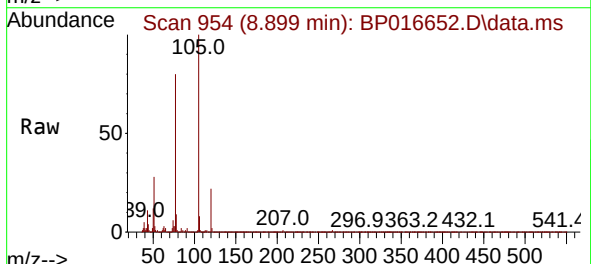
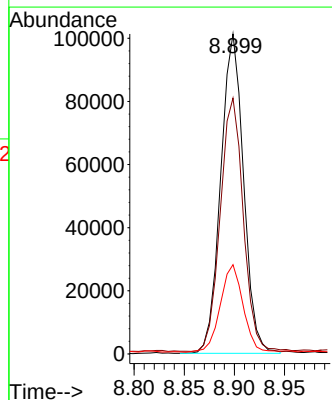
RT: 8.899 min Scan# 954

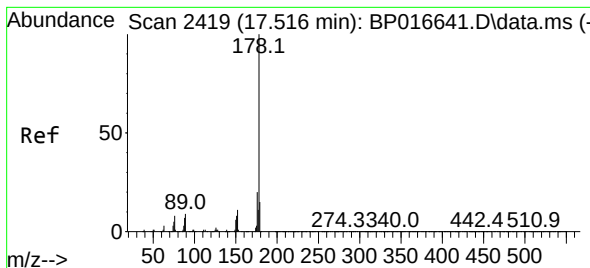
Delta R.T. -0.000 min

Lab File: BP016652.D

Acq: 18 Aug 2023 21:29

Tgt Ion:105	Resp: 160034
Ion Ratio	Lower Upper
105 100	
77 80.0	64.4 96.6
51 27.9	21.2 31.8





#72

Phenanthrene

Concen: 4.680 ng/ul

RT: 17.510 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BP016652.D

Acq: 18 Aug 2023 21:29

Instrument :

BNA_P

ClientSampleId :

A48P9

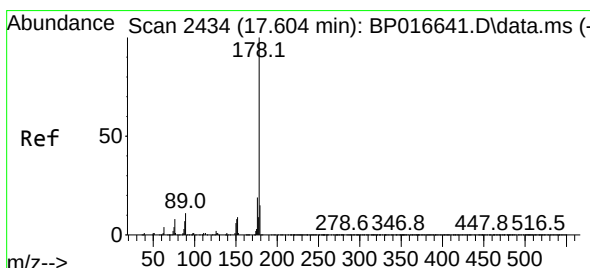
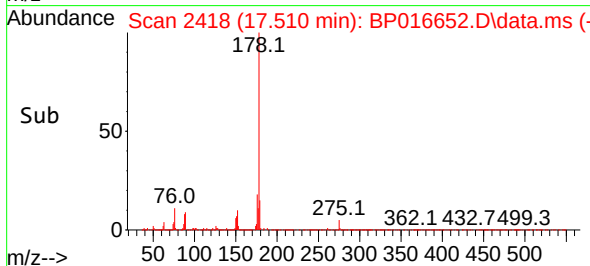
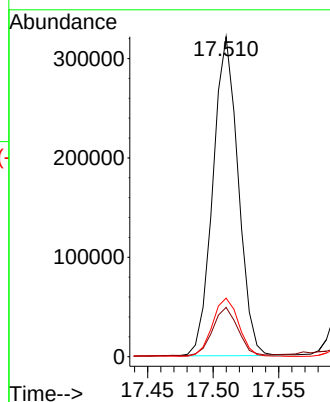
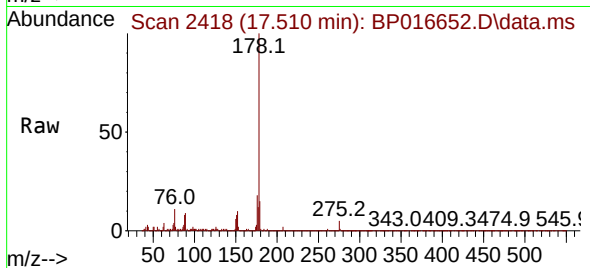
Tgt Ion:178	Resp: 430570
Ion Ratio	Lower Upper
178 100	
179 15.4	12.4 18.6
176 18.3	15.5 23.3

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Supervised By :mohammad ahmed 08/21/2023



#74

Anthracene

Concen: 1.077 ng/ul

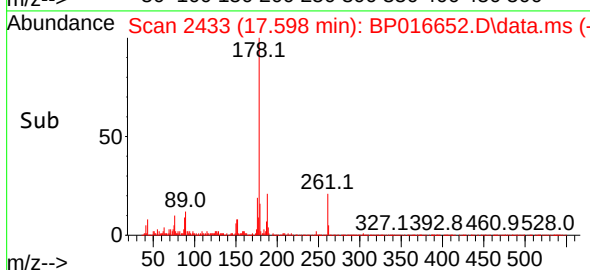
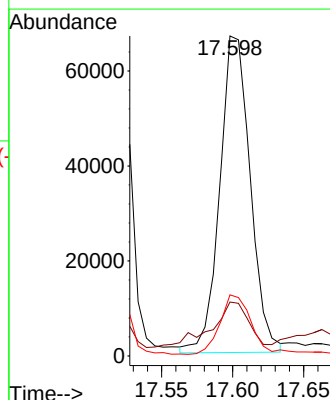
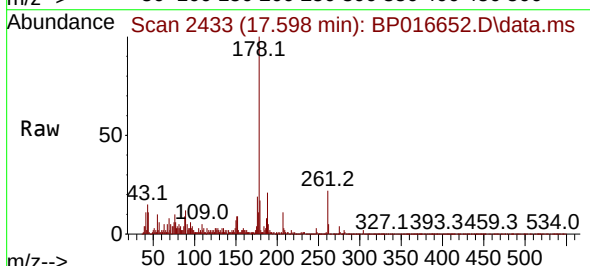
RT: 17.598 min Scan# 2433

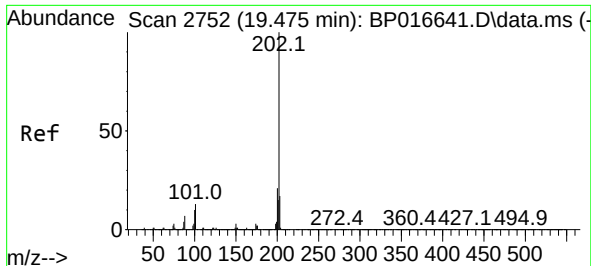
Delta R.T. -0.006 min

Lab File: BP016652.D

Acq: 18 Aug 2023 21:29

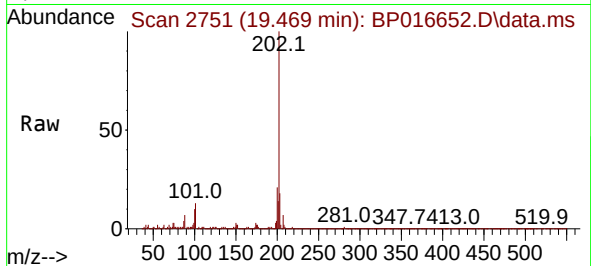
Tgt Ion:178	Resp: 99518
Ion Ratio	Lower Upper
178 100	
179 16.8	12.5 18.7
176 19.1	14.9 22.3





#80
Fluoranthene
Concen: 7.456 ng/u1
RT: 19.469 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016652.D
Acq: 18 Aug 2023 21:29

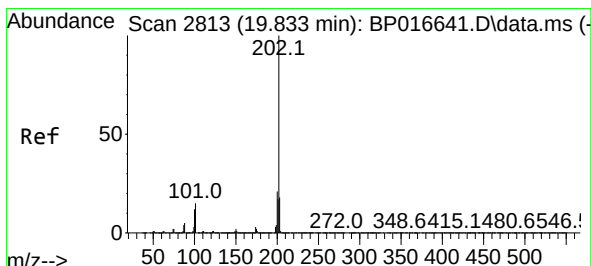
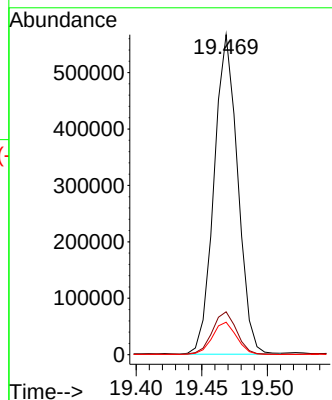
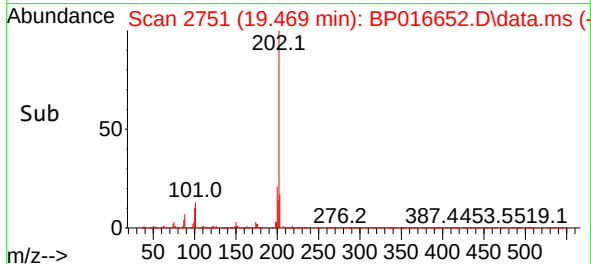
Instrument :
BNA_P
ClientSampleId :
A48P9



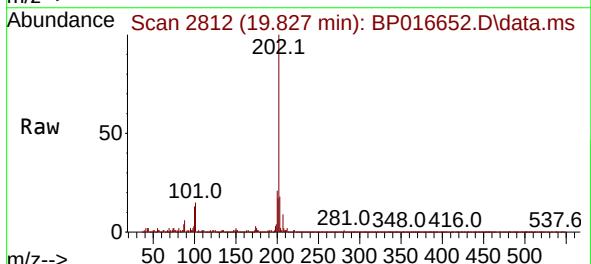
Tgt Ion:202 Resp: 71064
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 10.2 8.1 12.1

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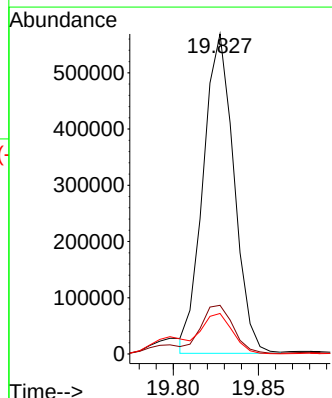
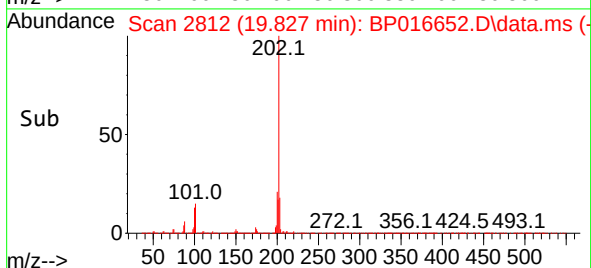
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

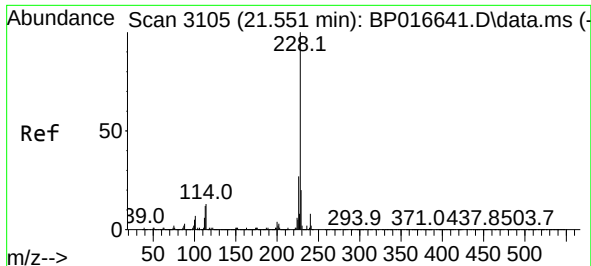


#82
Pyrene
Concen: 7.092 ng/u1
RT: 19.827 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP016652.D
Acq: 18 Aug 2023 21:29



Tgt Ion:202 Resp: 713792
Ion Ratio Lower Upper
202 100
101 15.2 13.4 20.2
100 12.7 11.0 16.4





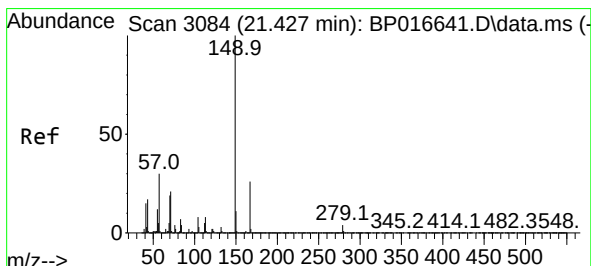
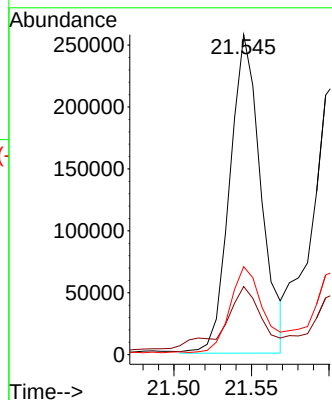
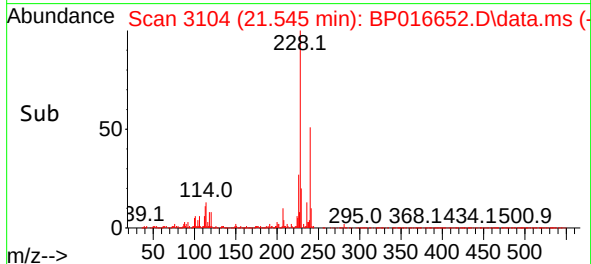
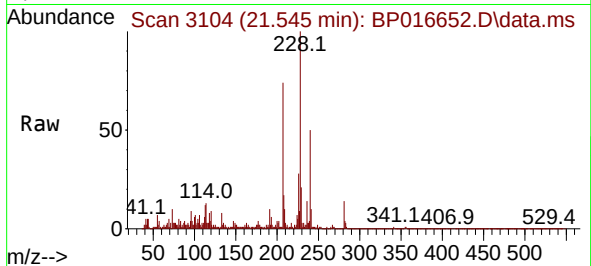
#85
Benzo(a)anthracene
Concen: 3.524 ng/ul
RT: 21.545 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP016652.D
Acq: 18 Aug 2023 21:29

Instrument :
BNA_P
ClientSampleId :
A48P9

Tgt Ion:228 Resp: 360944
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 27.5 21.8 32.6

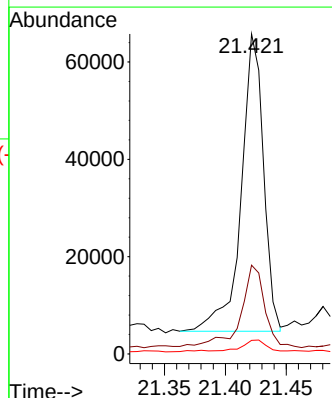
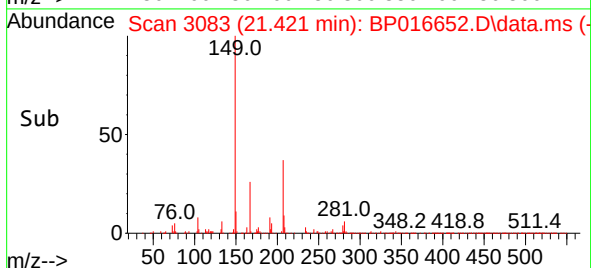
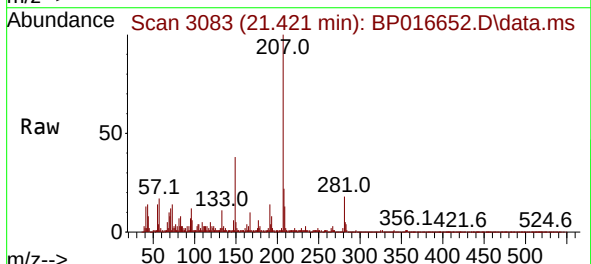
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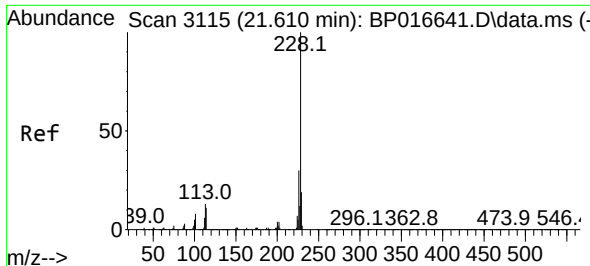
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.325 ng/ul
RT: 21.421 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP016652.D
Acq: 18 Aug 2023 21:29

Tgt Ion:149 Resp: 77948
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.2 2.6 4.0#





#87

Chrysene

Concen: 3.592 ng/ul

RT: 21.604 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP016652.D

Acq: 18 Aug 2023 21:29

Instrument :

BNA_P

ClientSampleId :

A48P9

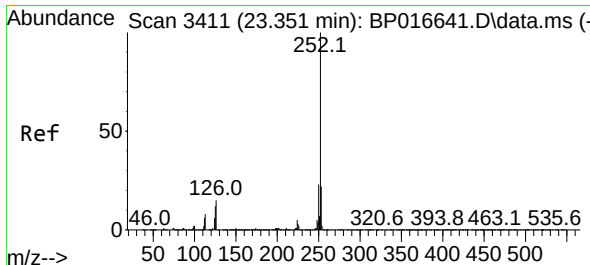
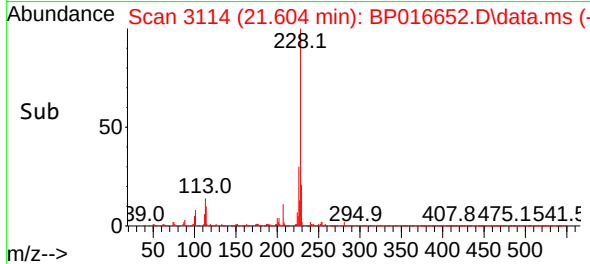
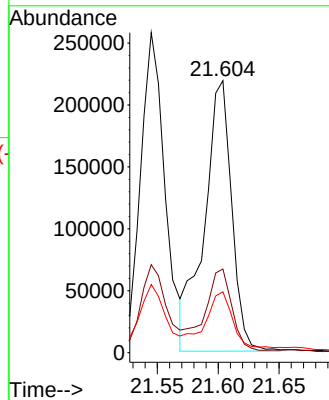
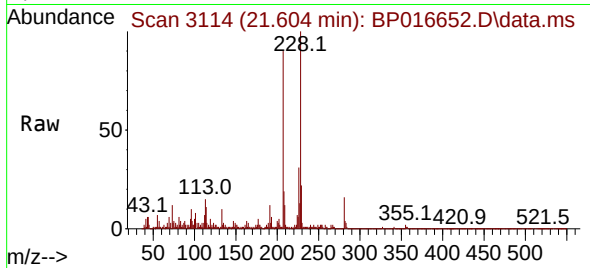
Tgt Ion:	228	Resp:	34428
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.6	36.8
229	22.4	16.4	24.6

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Supervised By :mohammad ahmed 08/21/2023



#90

Benzo(b)fluoranthene

Concen: 4.170 ng/ul

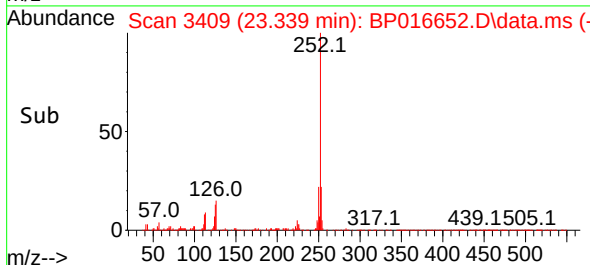
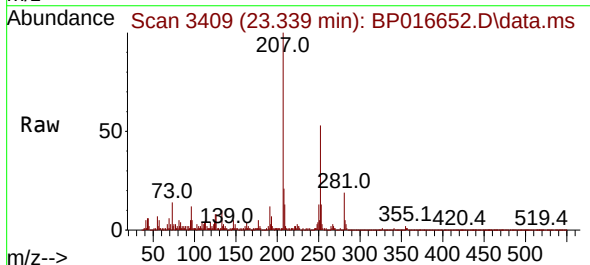
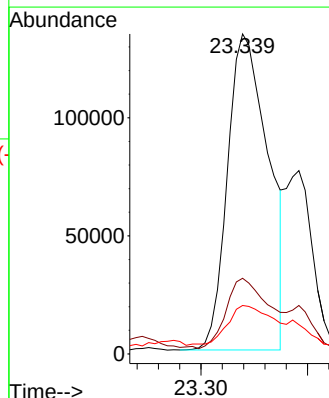
RT: 23.339 min Scan# 3409

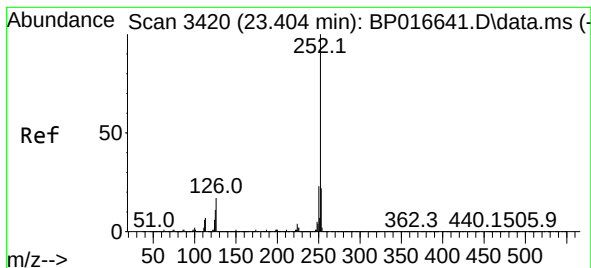
Delta R.T. -0.000 min

Lab File: BP016652.D

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Tgt Ion:	252	Resp:	355840
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	15.2	10.0	15.0





#91

Benzo(k)fluoranthene

Concen: 1.588 ng/ul m

RT: 23.392 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP016652.D

Acq: 18 Aug 2023 21:29

Instrument :

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ClientSampleId :

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Tgt Ion:252 Resp: 134430

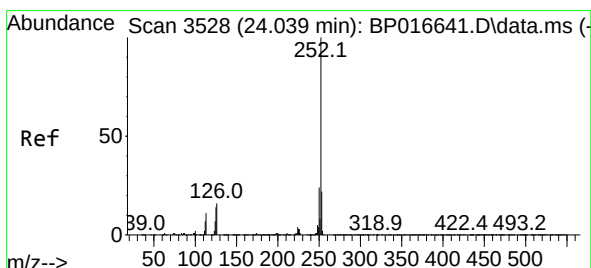
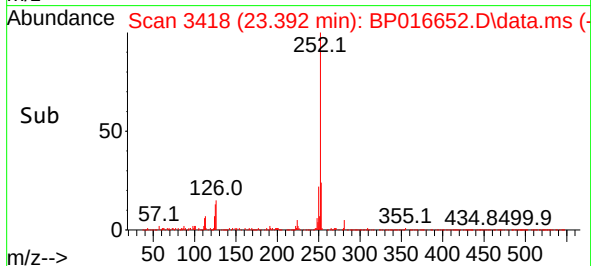
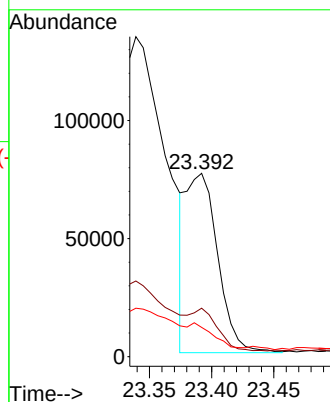
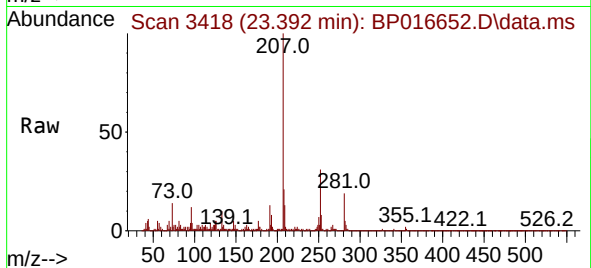
Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.0	27.0
125	16.0	9.8	14.8

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Supervised By :mohammad ahmed 08/21/2023



#93

Benzo(a)pyrene

Concen: 3.211 ng/ul

RT: 24.027 min Scan# 3526

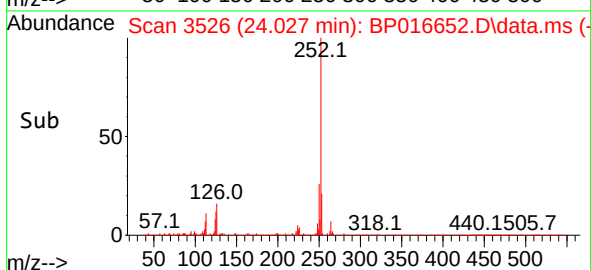
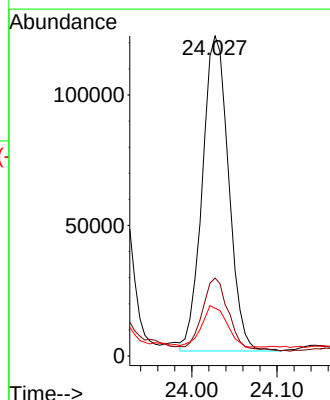
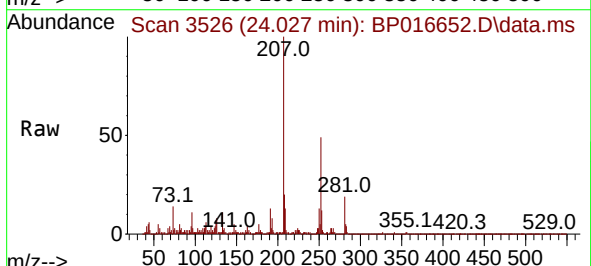
Delta R.T. -0.000 min

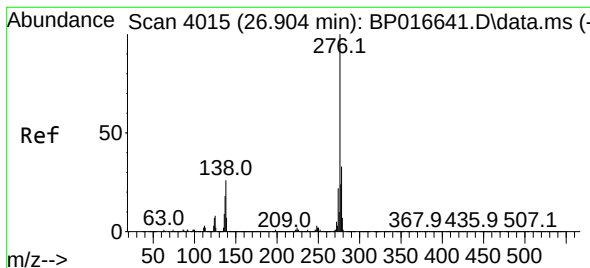
Lab File: BP016652.D

Acq: 18 Aug 2023 21:29

Tgt Ion:252 Resp: 258453

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	14.9	10.6	15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.433 ng/ul

RT: 26.880 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP016652.D

Acq: 18 Aug 2023 21:29

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A48P9

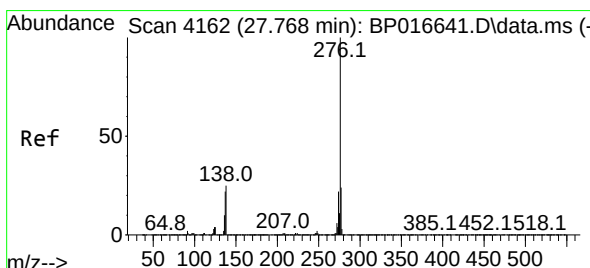
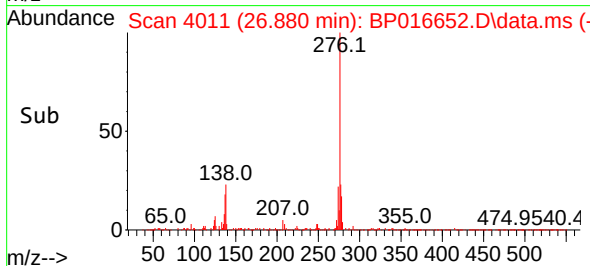
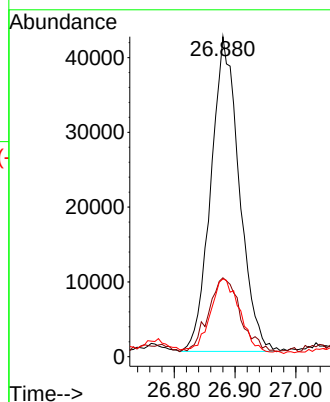
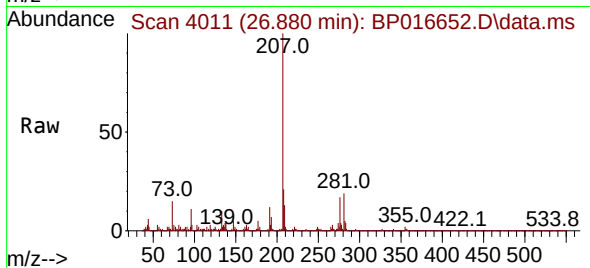
Tgt Ion:	276	Resp:	13616
Ion Ratio	Lower	Upper	
276	100		
138	24.6	21.7	32.5
277	24.3	19.5	29.3

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#96

Benzo(g,h,i)perylene

Concen: 1.659 ng/ul

RT: 27.745 min Scan# 4158

Delta R.T. -0.000 min

Lab File: BP016652.D

Acq: 18 Aug 2023 21:29

Tgt Ion:	276	Resp:	125401
Ion Ratio	Lower	Upper	
276	100		
138	28.8	21.5	32.3
277	25.7	19.3	28.9

