

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016653.D
 Acq On : 18 Aug 2023 22:03
 Operator : MA/JU
 Sample : 03968-32
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48Q0

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 23:49:23 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	8.052	152	300140	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1400164	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	862230	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1877497	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1595215	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1509310	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	45955	5.818	ng/uL	0.00
4) Pyridine-d5	3.828	84	438744	18.257	ng/ul	0.00
7) Phenol-d5	7.193	99	743641	26.875	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	456498	25.048	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	528937	26.614	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	535187	24.324	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	271756	27.584	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	284769	30.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	524255	28.470	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	635509	20.114	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1688207	27.070	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1954215	27.762	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	250693	19.732	ng/ul	0.00
60) Fluorene-d10	15.693	176	1501208	28.236	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	131443	14.716	ng/ul	0.00
73) Anthracene-d10	17.569	188	2398632	29.536	ng/ul	0.00
81) Pyrene-d10	19.798	212	2749059	32.889	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2232547	30.865	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.216	94	48909	1.654	ng/ul#	90
16) Acetophenone	8.899	105	277825	7.819	ng/ul	97
72) Phenanthrene	17.510	178	586446	5.929	ng/ul	99
74) Anthracene	17.604	178	119499	1.203	ng/ul	99
80) Fluoranthene	19.469	202	933796	9.360	ng/ul	99
82) Pyrene	19.828	202	989730	9.395	ng/ul	97
85) Benzo(a)anthracene	21.545	228	475174	4.432	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	82274	1.336	ng/ul#	95
87) Chrysene	21.598	228	465803	4.643	ng/ul	99
90) Benzo(b)fluoranthene	23.339	252	523367	5.824	ng/ul	95
91) Benzo(k)fluoranthene	23.386	252	135832m	1.524	ng/ul	
93) Benzo(a)pyrene	24.027	252	352617	4.159	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.886	276	183922	1.838	ng/ul#	93
96) Benzo(g,h,i)perylene	27.739	276	172134	2.162	ng/ul	97

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

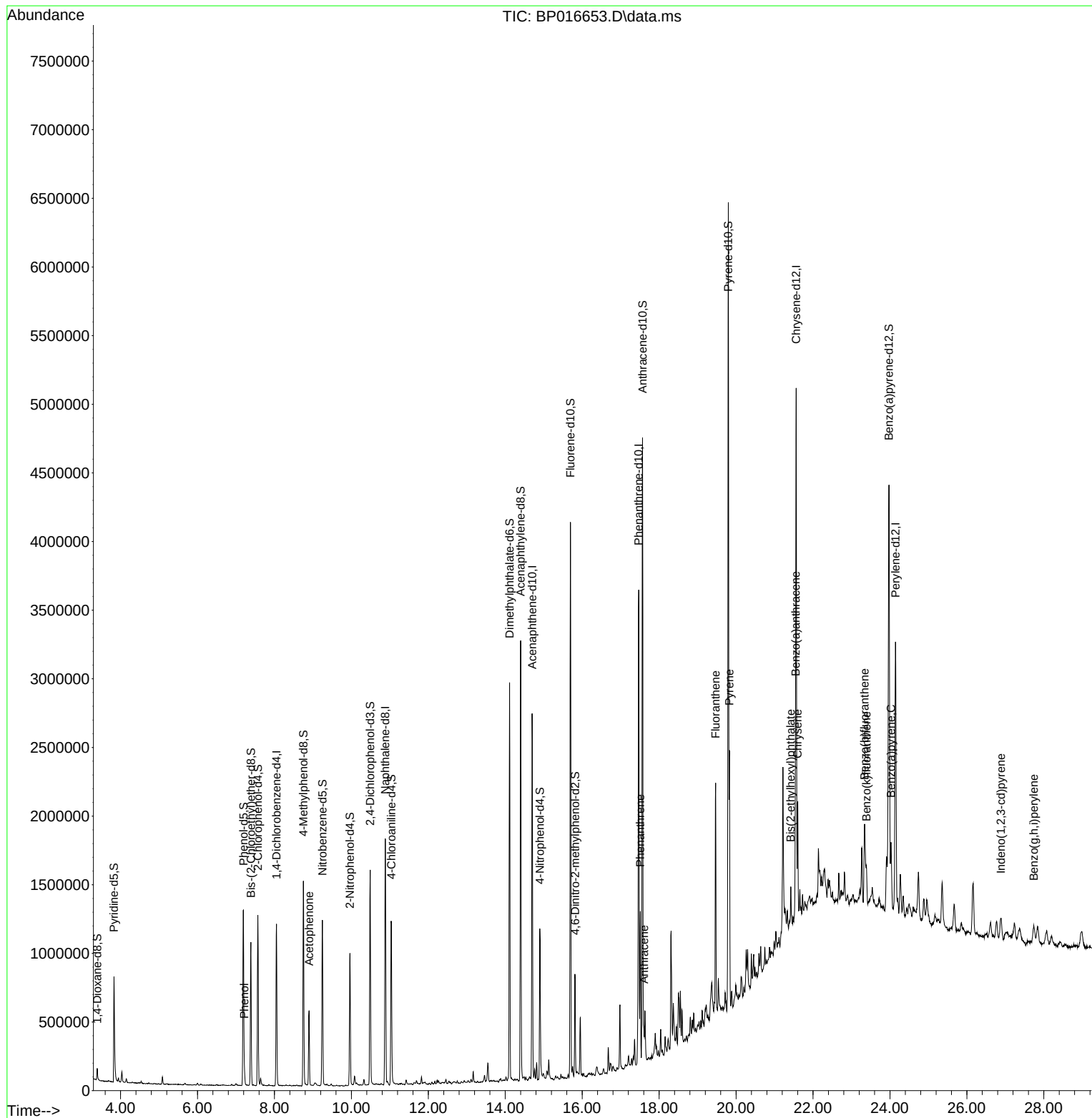
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016653.D
Acq On : 18 Aug 2023 22:03
Operator : MA/JU
Sample : 03968-32
Misc :
ALS Vial : 21 Sample Multiplier: 1

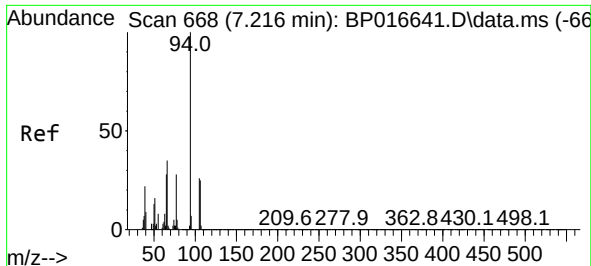
Instrument :
BNA_P
ClientSampleId :
A48Q0

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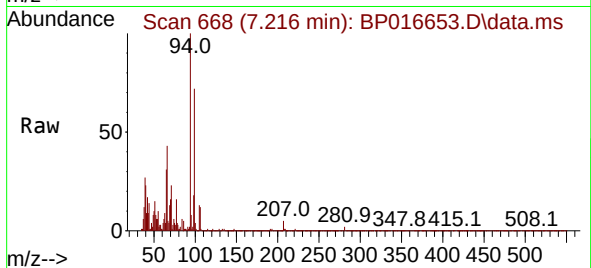
Quant Time: Aug 18 23:49:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration





#8
Phenol
Concen: 1.654 ng/ul
RT: 7.216 min Scan# 608
Delta R.T. -0.006 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03

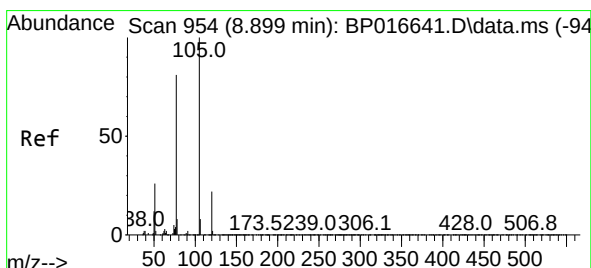
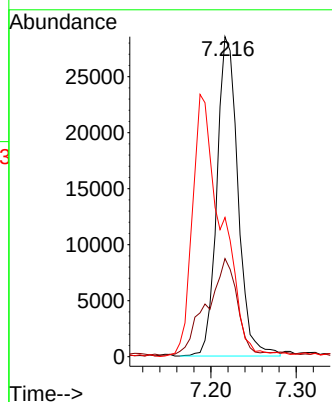
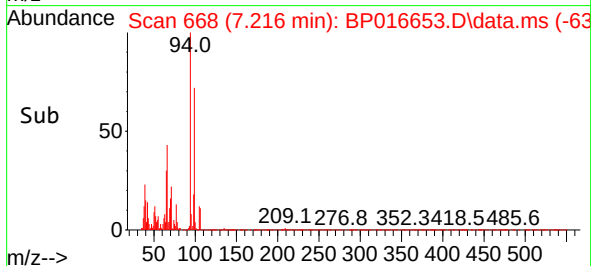
Instrument :
BNA_P
ClientSampleId :
A48Q0



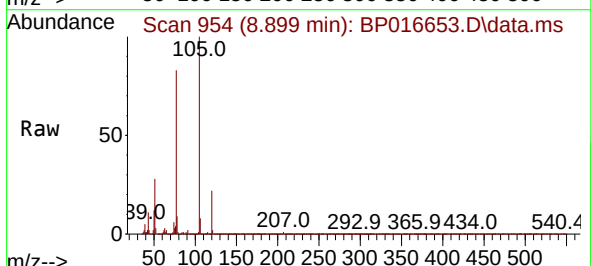
Tgt Ion: 94 Resp: 48909
Ion Ratio Lower Upper
94 100
65 30.7 22.3 33.5
66 43.5 28.7 43.1

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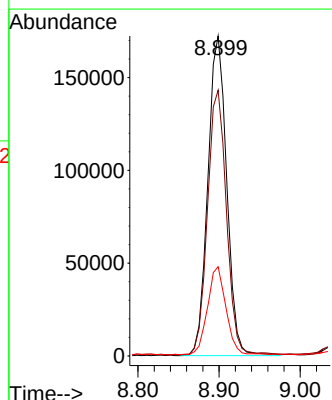
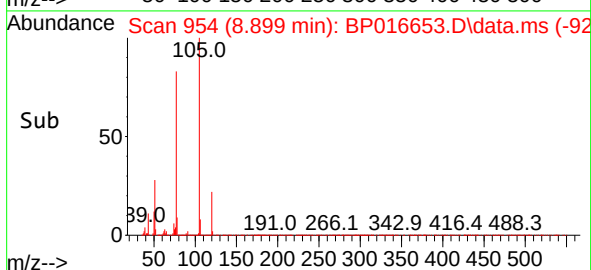
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

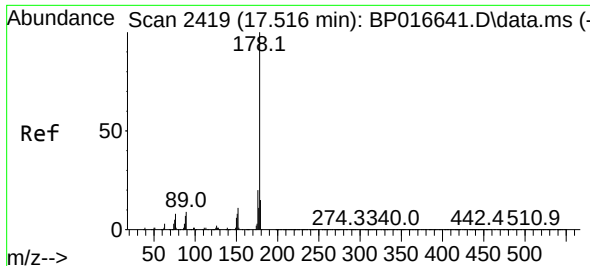


#16
Acetophenone
Concen: 7.819 ng/ul
RT: 8.899 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03



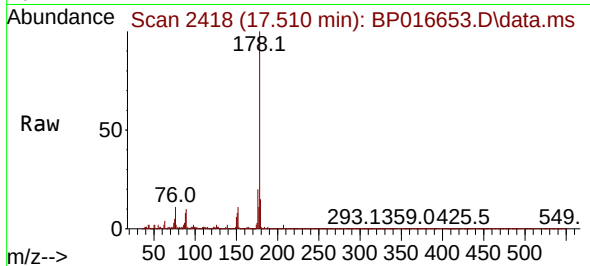
Tgt Ion:105 Resp: 277825
Ion Ratio Lower Upper
105 100
77 83.0 64.4 96.6
51 27.9 21.2 31.8





#72
Phenanthrene
Concen: 5.929 ng/ul
RT: 17.510 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03

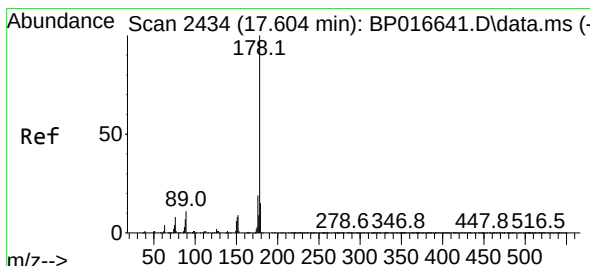
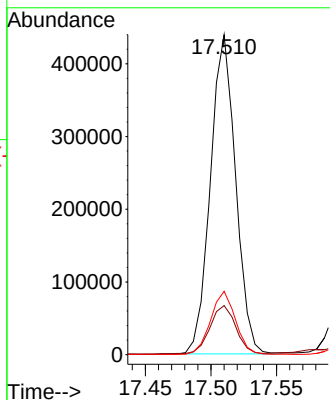
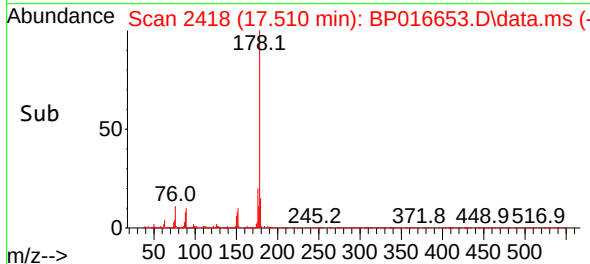
Instrument :
BNA_P
ClientSampleId :
A48Q0



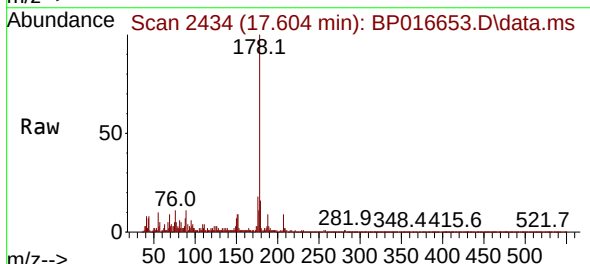
Tgt Ion:178 Resp: 586440
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.8 15.5 23.3

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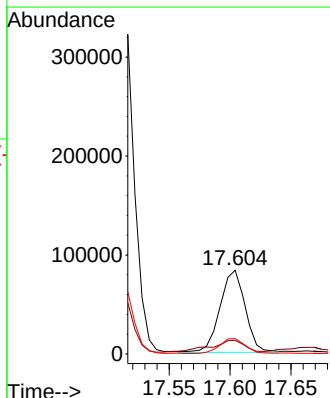
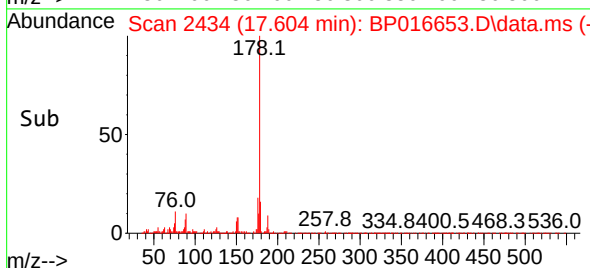
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

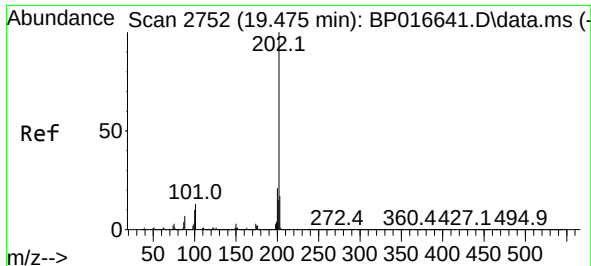


#74
Anthracene
Concen: 1.203 ng/ul
RT: 17.604 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03



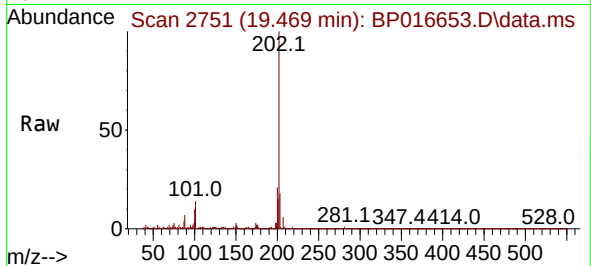
Tgt Ion:178 Resp: 119499
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 18.3 14.9 22.3





#80
Fluoranthene
Concen: 9.360 ng/u1
RT: 19.469 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03

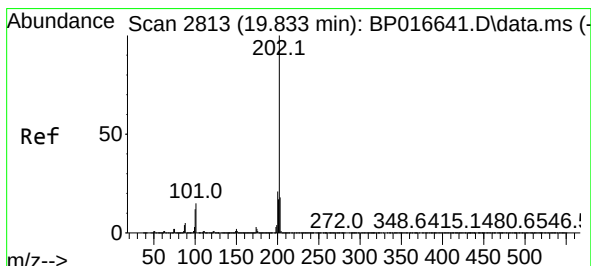
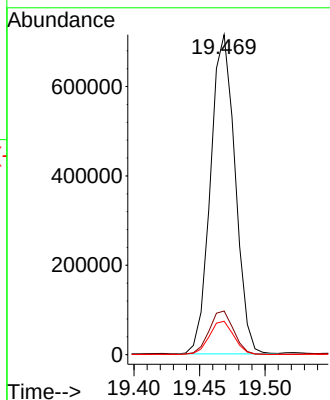
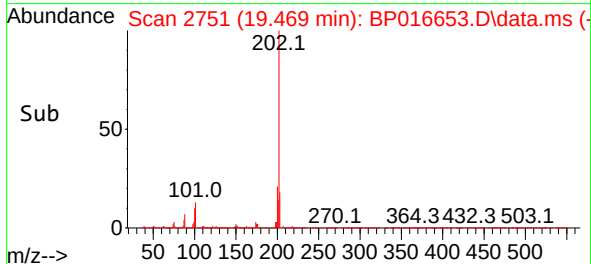
Instrument :
BNA_P
ClientSampleId :
A48Q0



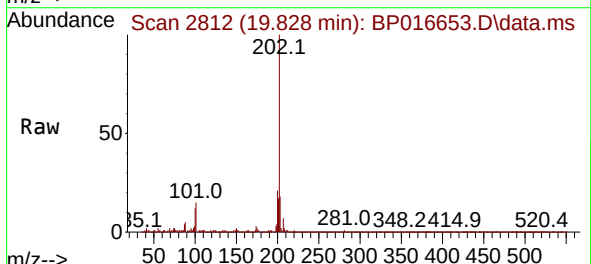
Tgt Ion:202 Resp: 933790
Ion Ratio Lower Upper
202 100
101 13.6 10.6 16.0
100 10.5 8.1 12.1

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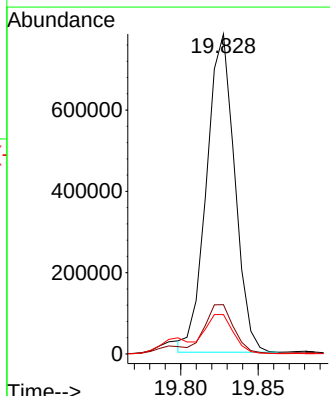
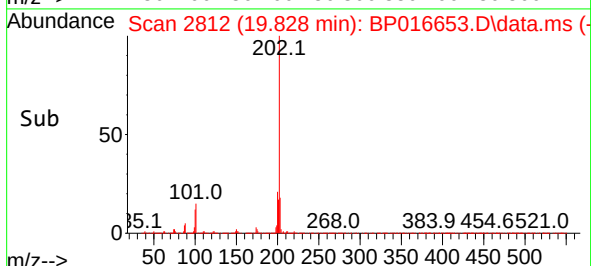
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

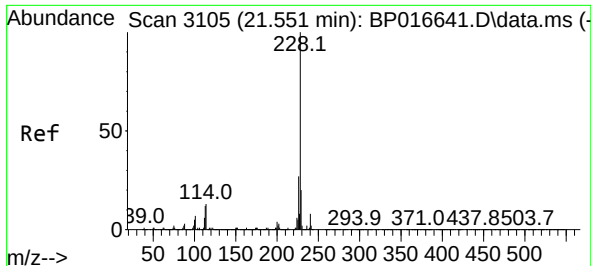


#82
Pyrene
Concen: 9.395 ng/u1
RT: 19.828 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03



Tgt Ion:202 Resp: 989730
Ion Ratio Lower Upper
202 100
101 15.4 13.4 20.2
100 12.3 11.0 16.4





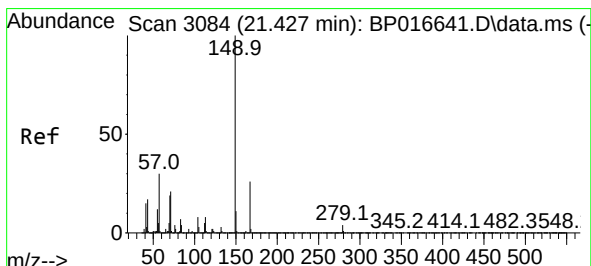
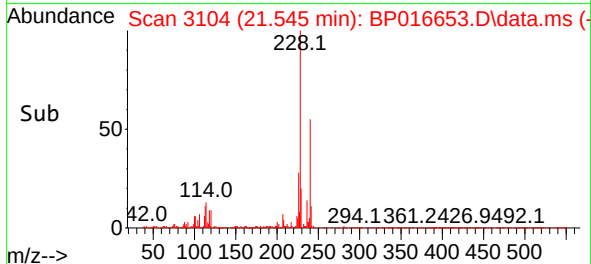
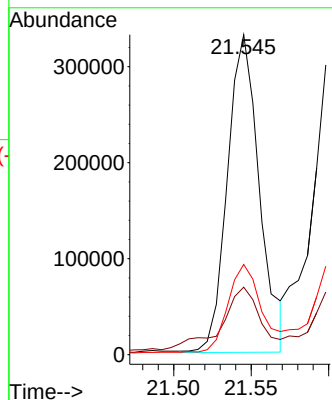
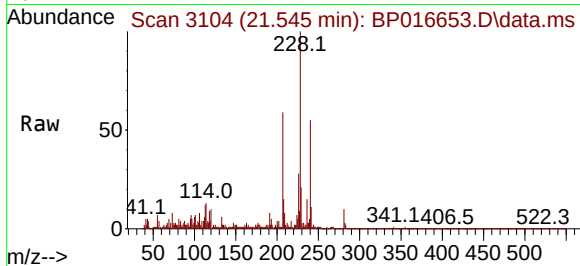
#85
Benzo(a)anthracene
Concen: 4.432 ng/ul
RT: 21.545 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03

Instrument : BNA_P
ClientSampleId : A48Q0

Tgt Ion:228 Resp: 475174
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 28.2 21.8 32.6

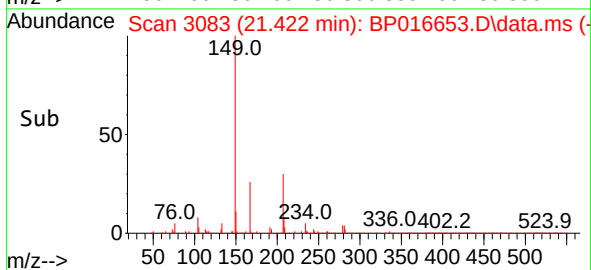
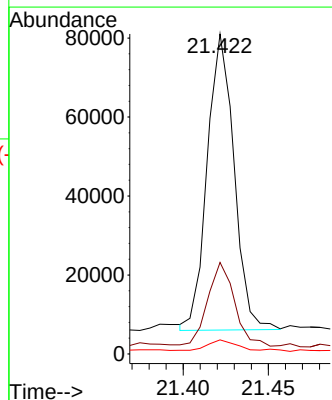
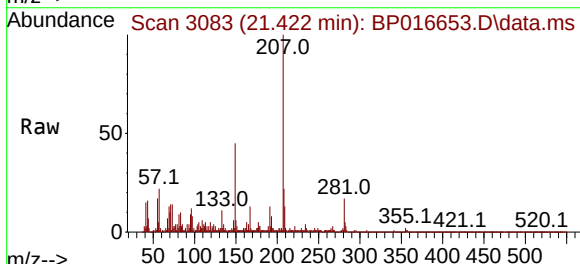
Manual Integrations
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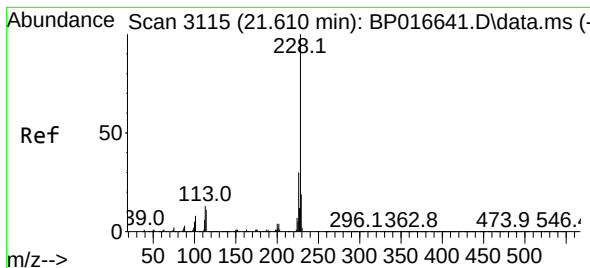
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.336 ng/ul
RT: 21.422 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03

Tgt Ion:149 Resp: 82274
Ion Ratio Lower Upper
149 100
167 28.6 20.9 31.3
279 4.4 2.6 4.0#





#87

Chrysene

Concen: 4.643 ng/ul

RT: 21.598 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP016653.D

Acq: 18 Aug 2023 22:03

Instrument :

BNA_P

ClientSampleId :

A48Q0

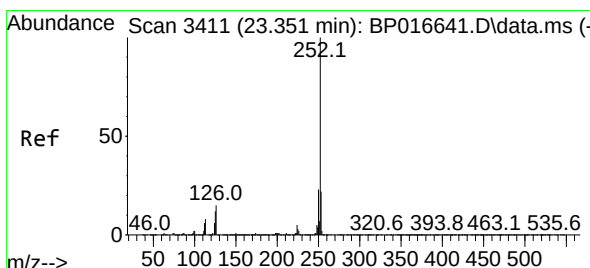
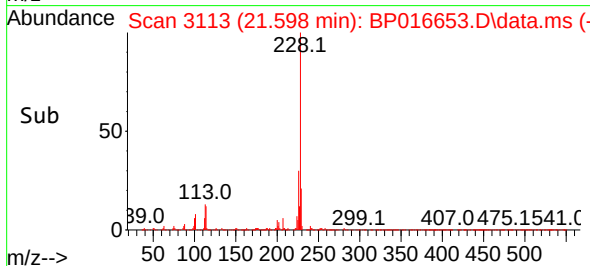
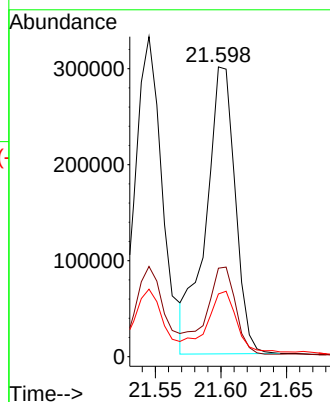
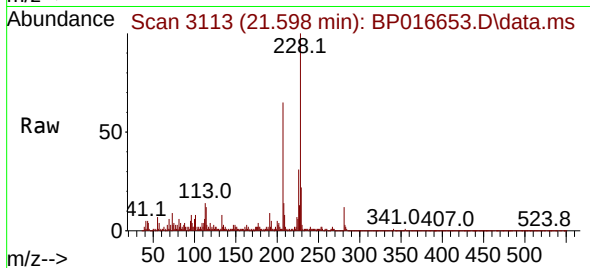
Tgt Ion:	228	Resp:	46580
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.6	36.8
229	21.7	16.4	24.6

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/21/2023



#90

Benzo(b)fluoranthene

Concen: 5.824 ng/ul

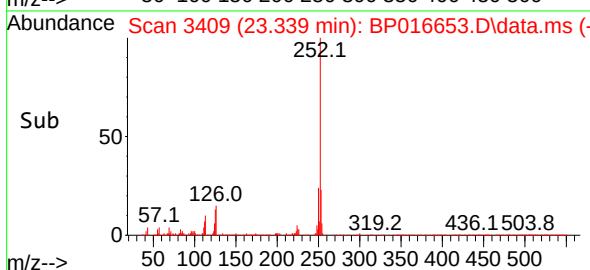
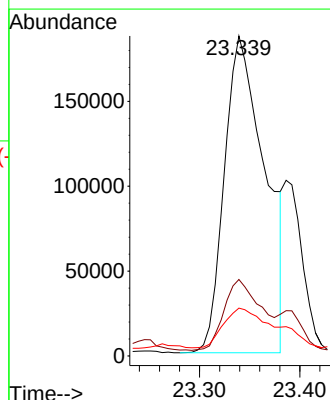
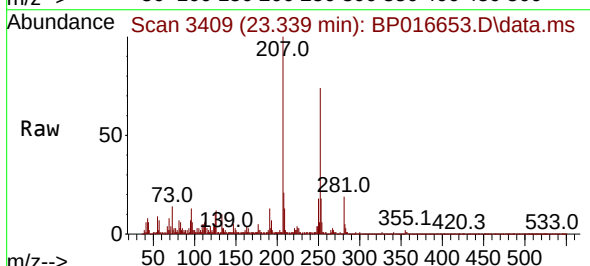
RT: 23.339 min Scan# 3409

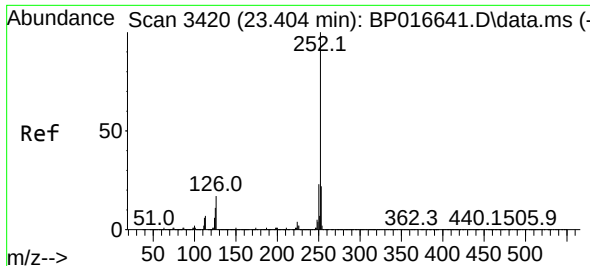
Delta R.T. 0.000 min

Lab File: BP016653.D

Acq: 18 Aug 2023 22:03

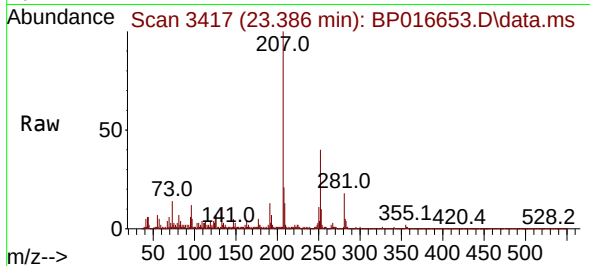
Tgt Ion:	252	Resp:	523367
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.2
125	15.0	10.0	15.0





#91
Benzo(k)fluoranthene
Concen: 1.524 ng/ul m
RT: 23.386 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03

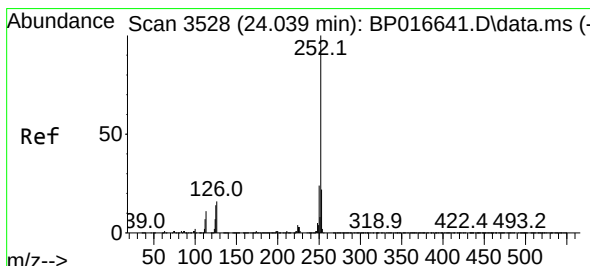
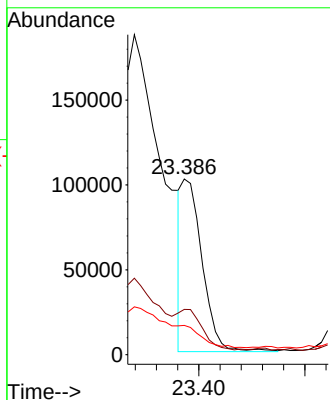
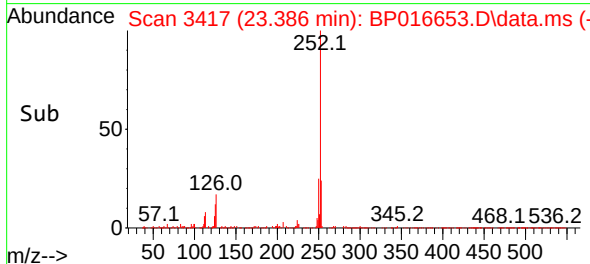
Instrument :
BNA_P
ClientSampleId :
A48Q0



Tgt Ion:252 Resp: 135832
Ion Ratio Lower Upper
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253 25.8 18.0 27.0
125 16.7 9.8 14.8

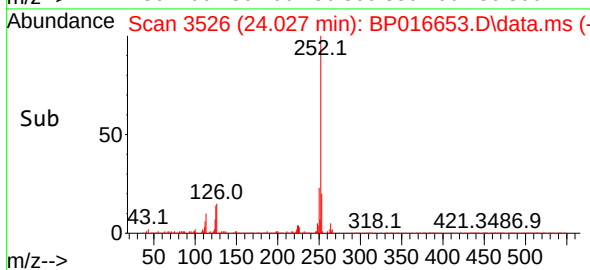
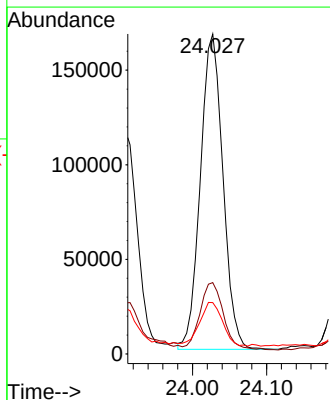
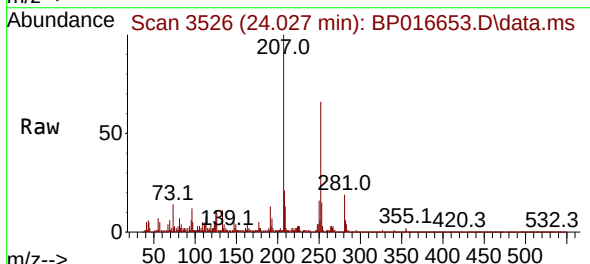
Manual Integrations
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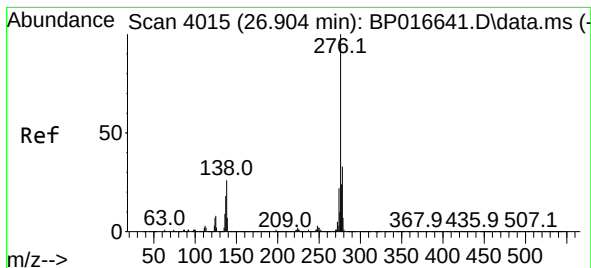
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#93
Benzo(a)pyrene
Concen: 4.159 ng/ul
RT: 24.027 min Scan# 3526
Delta R.T. 0.000 min
Lab File: BP016653.D
Acq: 18 Aug 2023 22:03

Tgt Ion:252 Resp: 352617
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 16.1 10.6 15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.838 ng/ul

RT: 26.886 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP016653.D

Acq: 18 Aug 2023 22:03

Instrument :

BNA_P

ClientSampleId :

A48Q0

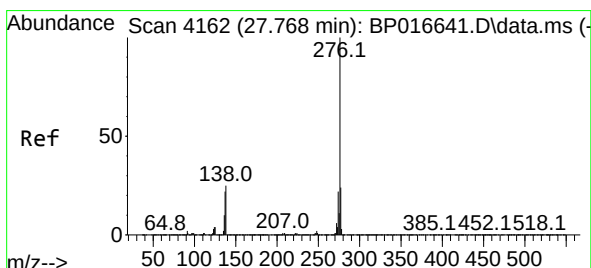
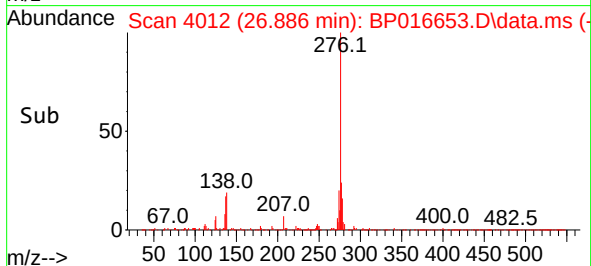
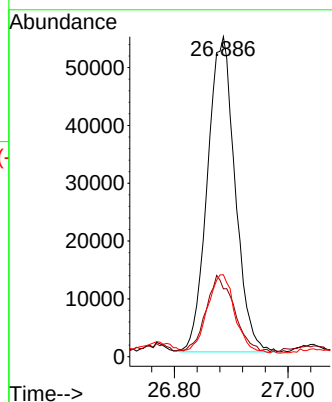
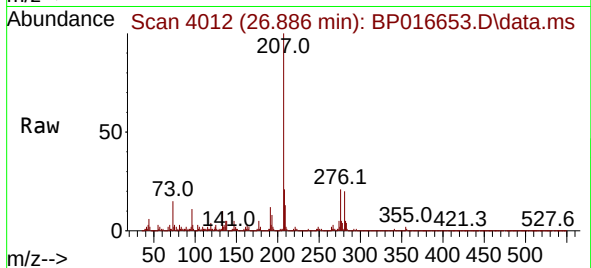
Tgt Ion:	276	Resp:	18392
Ion Ratio	Lower	Upper	
276	100		
138	21.2	21.7	32.5
277	25.6	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#96

Benzo(g,h,i)perylene

Concen: 2.162 ng/ul

RT: 27.739 min Scan# 4157

Delta R.T. -0.006 min

Lab File: BP016653.D

Acq: 18 Aug 2023 22:03

Tgt Ion:	276	Resp:	172134
Ion Ratio	Lower	Upper	
276	100		
138	28.2	21.5	32.3
277	25.4	19.3	28.9

