

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016654.D
 Acq On : 18 Aug 2023 22:37
 Operator : MA/JU
 Sample : 03968-33
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48Q1

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 23:52:00 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	293847	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1390521	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	864718	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1879675	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1592199	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1446481	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	45626	5.900	ng/uL	0.00
4) Pyridine-d5	3.828	84	448058	19.044	ng/u1	0.00
7) Phenol-d5	7.193	99	805723	29.742	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	498617	27.945	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	564984	29.036	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	615149	28.558	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	298778	30.537	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	317553	34.172	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	575135	31.449	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	804357	25.635	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1952911	31.224	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	2225259	31.522	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	326024	25.588	ng/u1	0.00
60) Fluorene-d10	15.692	176	1704942	31.976	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	175171	19.589	ng/u1	0.00
73) Anthracene-d10	17.569	188	2622639	32.257	ng/u1	0.00
81) Pyrene-d10	19.798	212	3139239	37.628	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	2433532	35.105	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.899	105	140011	4.025	ng/u1	97
72) Phenanthrene	17.510	178	148486	1.499	ng/u1	98
80) Fluoranthene	19.469	202	417428	4.192	ng/u1	99
82) Pyrene	19.827	202	380199	3.616	ng/u1	97
85) Benzo(a)anthracene	21.545	228	222481	2.079	ng/u1	99
87) Chrysene	21.604	228	216682	2.164	ng/u1	98
90) Benzo(b)fluoranthene	23.339	252	263347	3.058	ng/u1#	93
91) Benzo(k)fluoranthene	23.392	252	104751m	1.226	ng/u1	
93) Benzo(a)pyrene	24.027	252	181266	2.231	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.886	276	110135	1.149	ng/u1	93
96) Benzo(g,h,i)perylene	27.739	276	101395	1.329	ng/u1	97

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

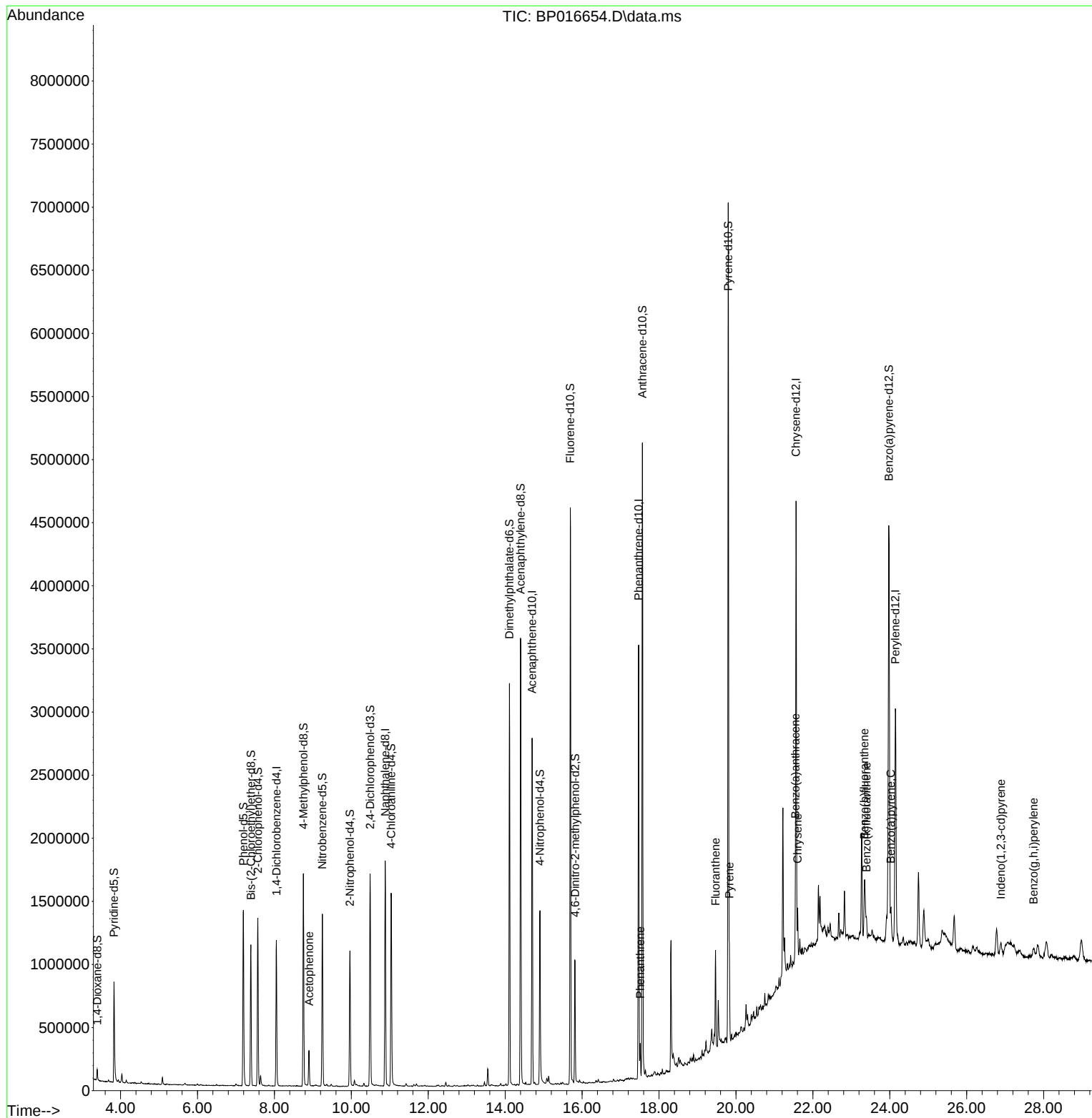
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016654.D
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ALS Vial : 22 Sample Multiplier: 1

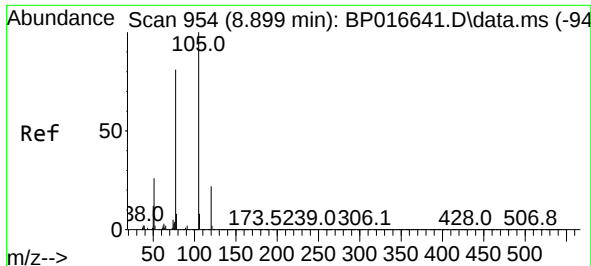
Instrument :
BNA_P
ClientSampleId :
A48Q1

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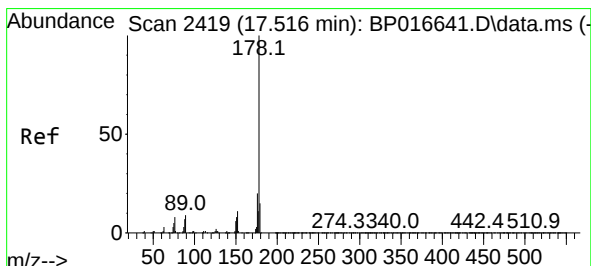
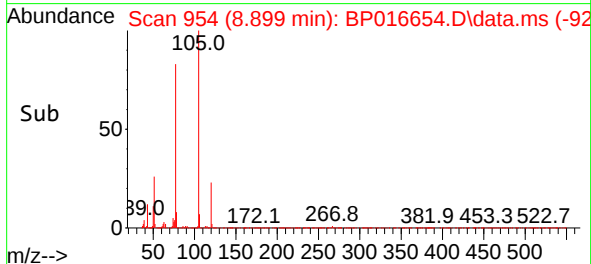
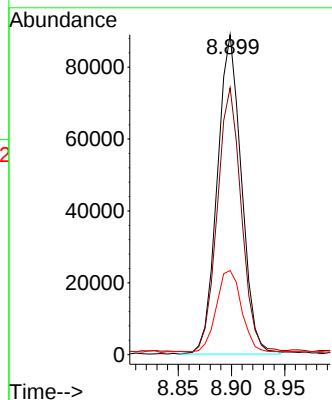
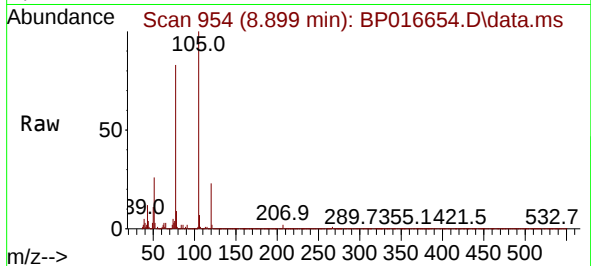
#16
Acetophenone
Concen: 4.025 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016654.D
Acq: 18 Aug 2023 22:37

Instrument :
BNA_P
ClientSampleId :
A48Q1

Tgt Ion:105 Resp: 14001
Ion Ratio Lower Upper
105 100
77 83.4 64.4 96.6
51 26.3 21.2 31.8

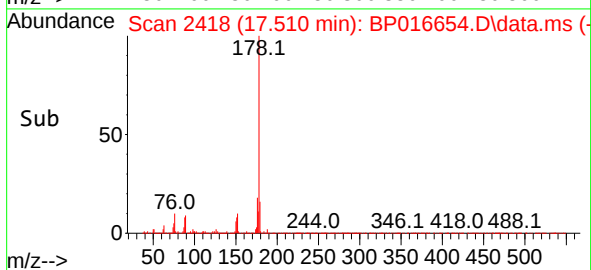
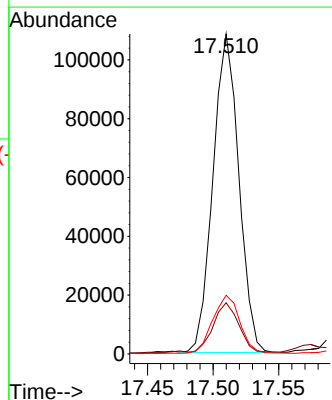
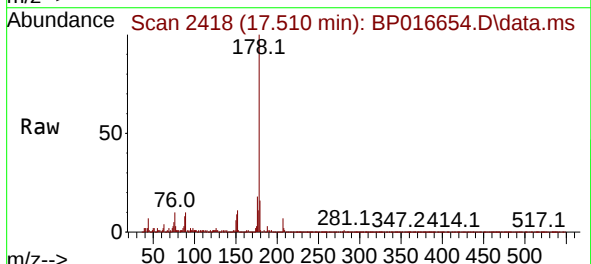
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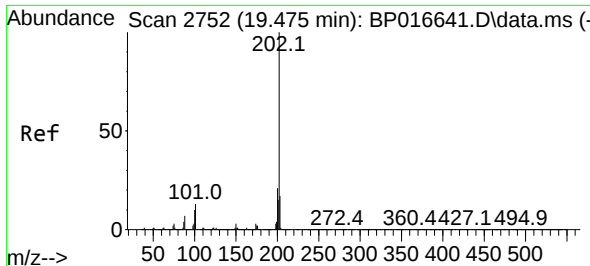
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#72
Phenanthrene
Concen: 1.499 ng/ul
RT: 17.510 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP016654.D
Acq: 18 Aug 2023 22:37

Tgt Ion:178 Resp: 148486
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 18.3 15.5 23.3





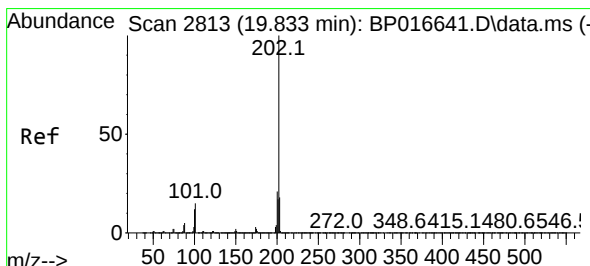
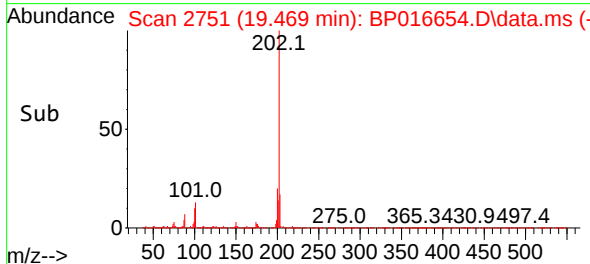
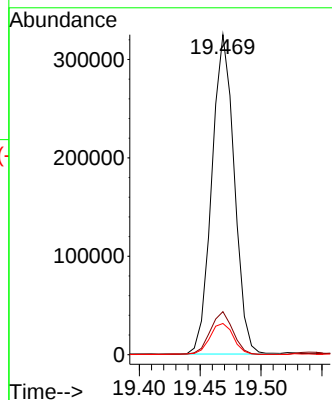
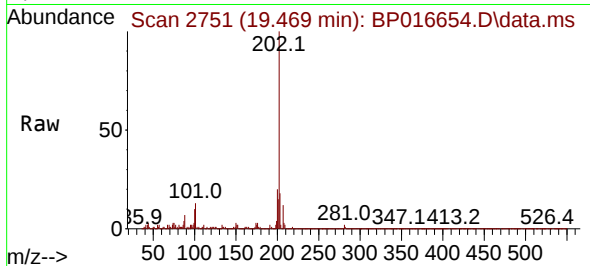
#80
Fluoranthene
Concen: 4.192 ng/ul
RT: 19.469 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016654.D
Acq: 18 Aug 2023 22:37

Instrument :
BNA_P
ClientSampleId :
A48Q1

Tgt Ion:202 Resp: 417428
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 9.8 8.1 12.1

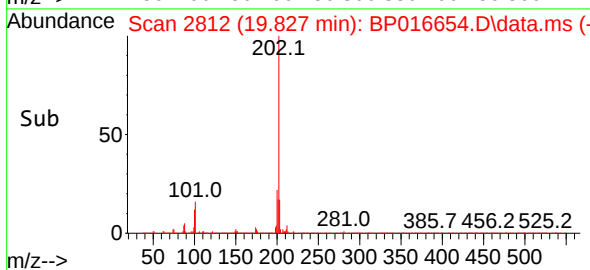
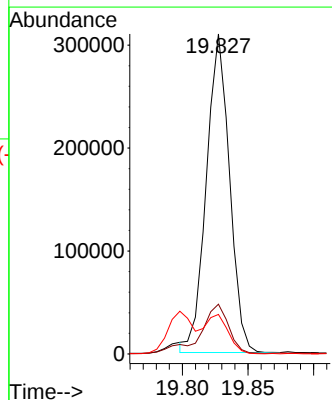
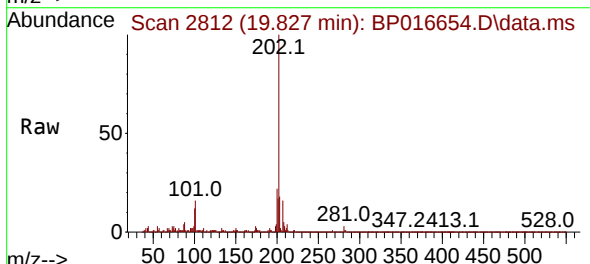
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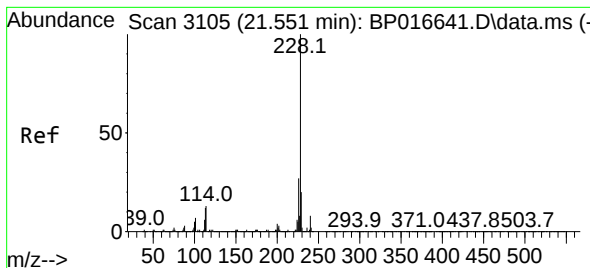
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#82
Pyrene
Concen: 3.616 ng/ul
RT: 19.827 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP016654.D
Acq: 18 Aug 2023 22:37

Tgt Ion:202 Resp: 380199
Ion Ratio Lower Upper
202 100
101 15.5 13.4 20.2
100 12.3 11.0 16.4





#85

Benzo(a)anthracene

Concen: 2.079 ng/ul

RT: 21.545 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP016654.D

Acq: 18 Aug 2023 22:37

Instrument :

BNA_P

ClientSampleId :

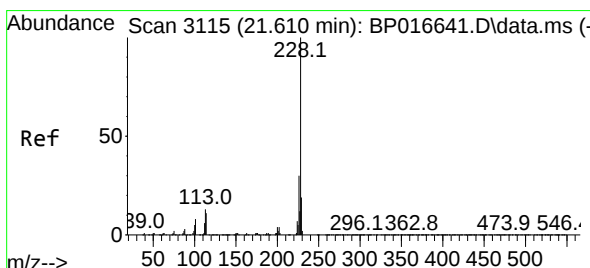
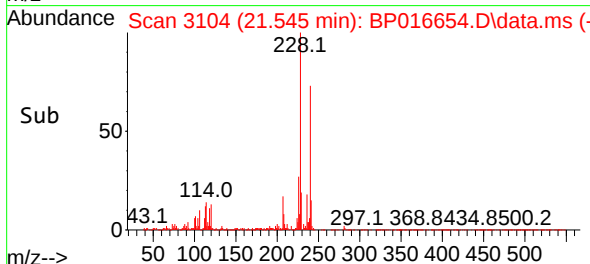
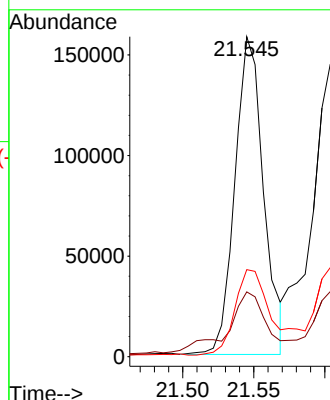
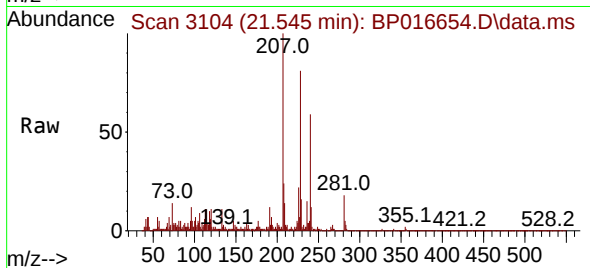
A48Q1

Tgt Ion:228 Resp: 22248

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	27.2	21.8	32.6

Manual Integrations
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Supervised By :mohammad ahmed 08/21/2023



#87

Chrysene

Concen: 2.164 ng/ul

RT: 21.604 min Scan# 3114

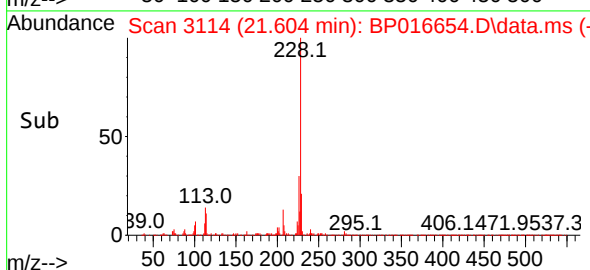
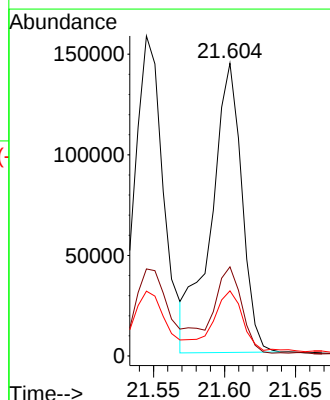
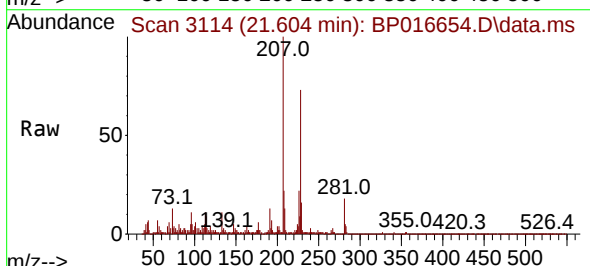
Delta R.T. -0.000 min

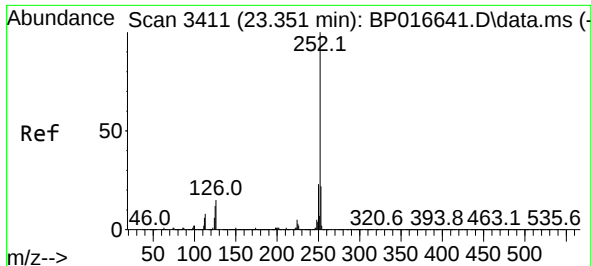
Lab File: BP016654.D

Acq: 18 Aug 2023 22:37

Tgt Ion:228 Resp: 216682

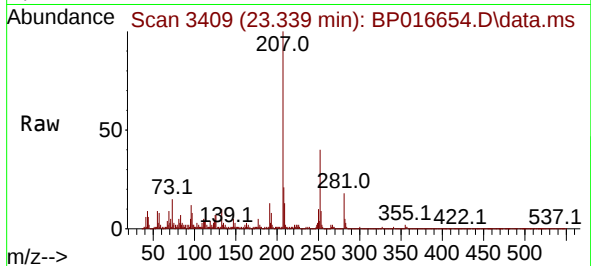
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	36.8
229	22.2	16.4	24.6





#90
Benzo(b)fluoranthene
Concen: 3.058 ng/ul
RT: 23.339 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP016654.D
Acq: 18 Aug 2023 22:37

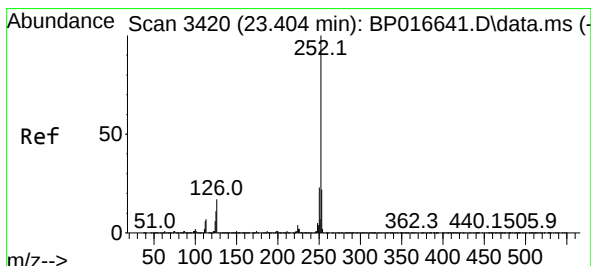
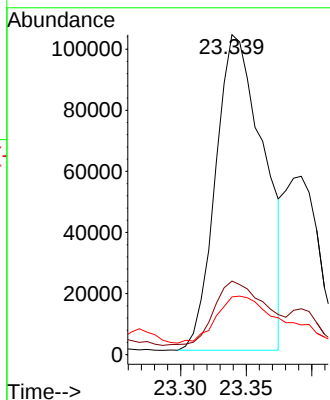
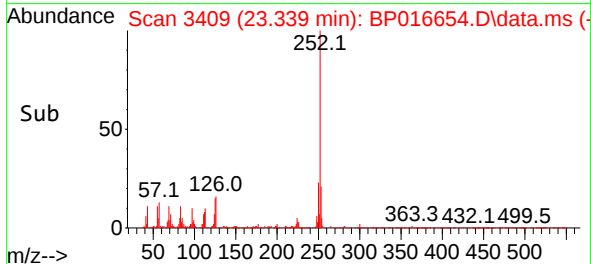
Instrument :
BNA_P
ClientSampleId :
A48Q1



Tgt Ion:252 Resp: 26334
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 18.0 10.0 15.0

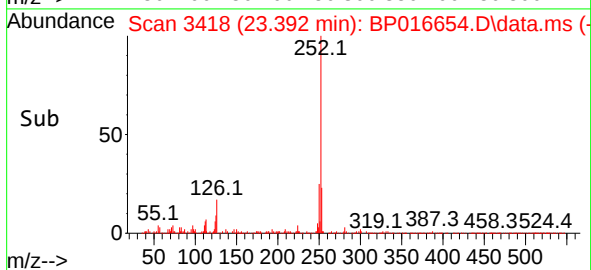
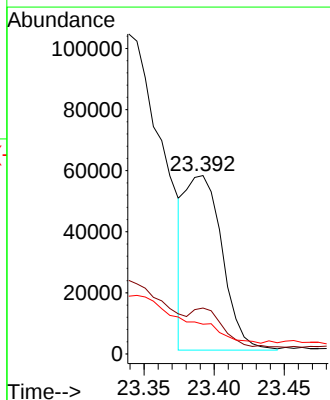
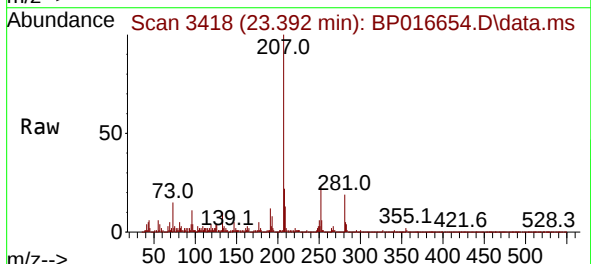
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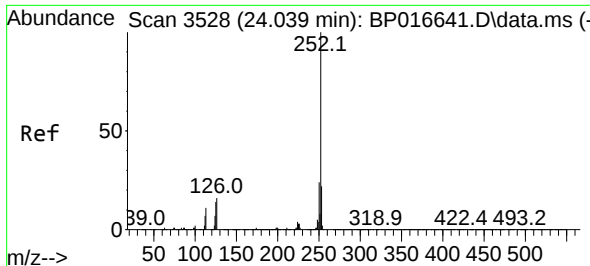
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#91
Benzo(k)fluoranthene
Concen: 1.226 ng/ul m
RT: 23.392 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP016654.D
Acq: 18 Aug 2023 22:37

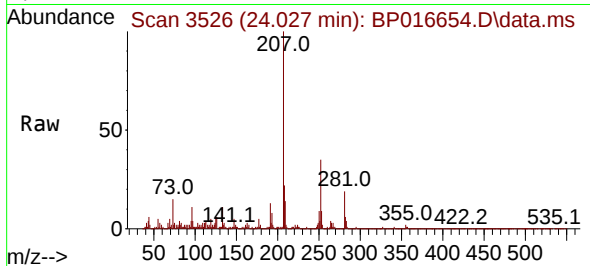
Tgt Ion:252 Resp: 104751
Ion Ratio Lower Upper
252 100
253 25.7 18.0 27.0
125 16.7 9.8 14.8





#93
Benzo(a)pyrene
Concen: 2.231 ng/ul
RT: 24.027 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP016654.D
Acq: 18 Aug 2023 22:37

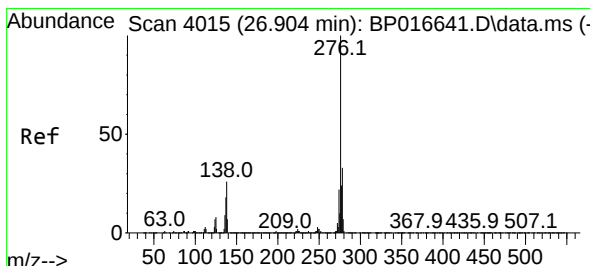
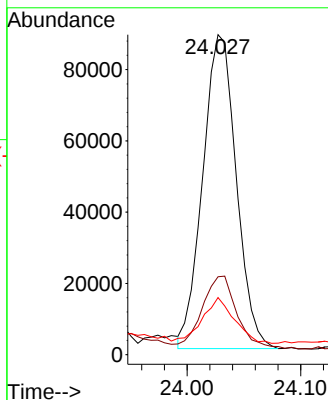
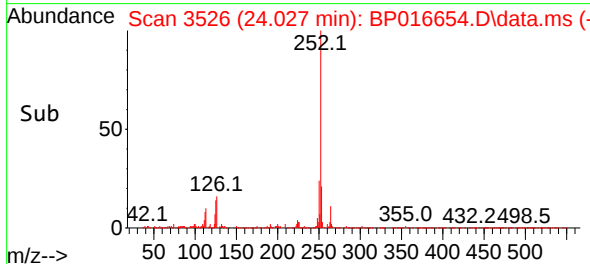
Instrument :
BNA_P
ClientSampleId :
A48Q1



Tgt Ion:252 Resp: 181260
Ion Ratio Lower Upper
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125 17.8 10.6 15.8

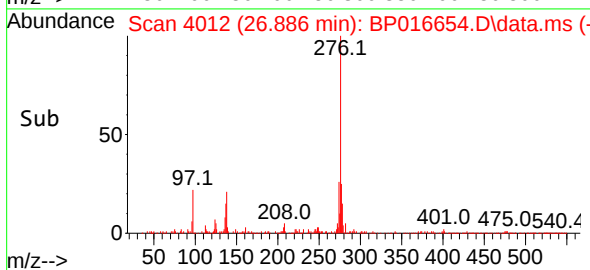
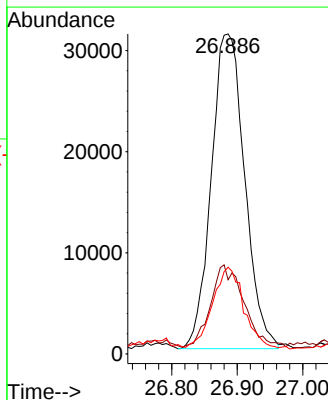
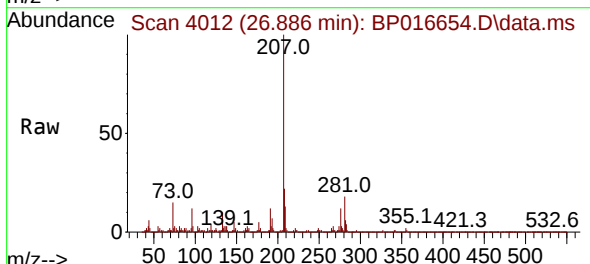
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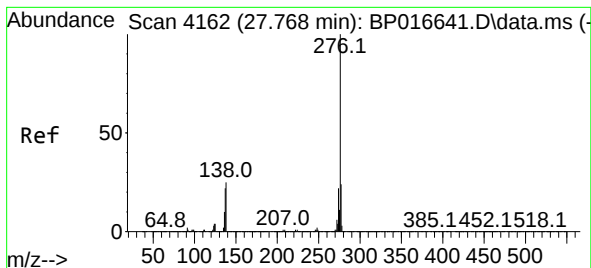
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.149 ng/ul
RT: 26.886 min Scan# 4012
Delta R.T. -0.000 min
Lab File: BP016654.D
Acq: 18 Aug 2023 22:37

Tgt Ion:276 Resp: 110135
Ion Ratio Lower Upper
276 100
138 23.2 21.7 32.5
277 27.1 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 1.329 ng/ul

RT: 27.739 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP016654.D

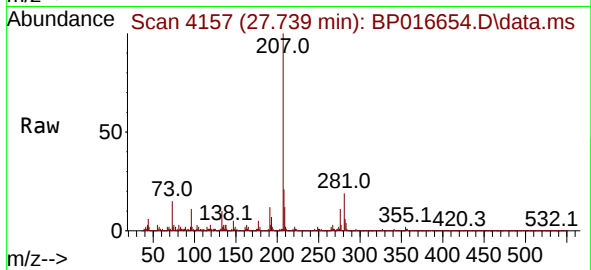
Acq: 18 Aug 2023 22:37

Instrument :

BNA_P

ClientSampleId :

A48Q1



Tgt Ion:276 Resp: 10139

Ion Ratio Lower Upper

276 100

138 27.4 21.5 32.3

277 26.4 19.3 28.9

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2023

