

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016657.D
 Acq On : 19 Aug 2023 01:29
 Operator : MA/JU
 Sample : 03968-34
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48Q2

Manual Integrations
 APPROVED

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

Quant Time: Aug 19 02:05:56 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	288408	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1304164	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	792711	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1728007	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1348301	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1170152	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	54213	7.143	ng/uL	0.00
4) Pyridine-d5	3.828	84	507375	21.972	ng/u1	0.00
7) Phenol-d5	7.187	99	822633	30.939	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	517852	29.570	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	591206	30.957	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	640516	30.296	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	306413	33.391	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	316448	36.308	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	569075	33.178	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	739465	25.127	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1844634	32.172	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	2142183	33.101	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	286079	24.493	ng/u1	0.00
60) Fluorene-d10	15.692	176	1639902	33.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	178951	21.768	ng/u1	0.00
73) Anthracene-d10	17.569	188	2471493	33.066	ng/u1	0.00
81) Pyrene-d10	19.798	212	2822705	39.954	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1968890	35.110	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.216	94	30975	1.090	ng/u1#	89
16) Acetophenone	8.899	105	217352	6.366	ng/u1	99
30) Naphthalene	10.934	128	316250	4.641	ng/u1	99
36) 2-Methylnaphthalene	12.528	142	140395	3.076	ng/u1	99
37) 1-Methylnaphthalene	12.751	142	104185	2.267	ng/u1	98
52) Acenaphthene	14.763	153	546853	10.719	ng/u1	98
56) Dibenzofuran	15.098	168	470546	6.760	ng/u1	100
61) Fluorene	15.751	166	544156	9.534	ng/u1	99
72) Phenanthrene	17.516	178	6014442	66.065	ng/u1	99
74) Anthracene	17.604	178	1587040	17.355	ng/u1	99
77) Carbazole	17.881	167	754442	8.953	ng/u1	99
80) Fluoranthene	19.475	202	5562112	65.965	ng/u1	100
82) Pyrene	19.827	202	5012456	56.296	ng/u1	100
85) Benzo(a)anthracene	21.545	228	2140648	23.624	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.422	149	97119	1.866	ng/u1	100
87) Chrysene	21.604	228	1915377	22.589	ng/u1	97
90) Benzo(b)fluoranthene	23.345	252	1632207	23.426	ng/u1	97
91) Benzo(k)fluoranthene	23.392	252	584832m	8.461	ng/u1	
93) Benzo(a)pyrene	24.033	252	1222081	18.594	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	588832	7.591	ng/u1	96
95) Dibenzo(a,h)anthracene	26.904	278	166599	2.581	ng/u1#	74
96) Benzo(g,h,i)perylene	27.745	276	537251	8.702	ng/u1	99

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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)

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

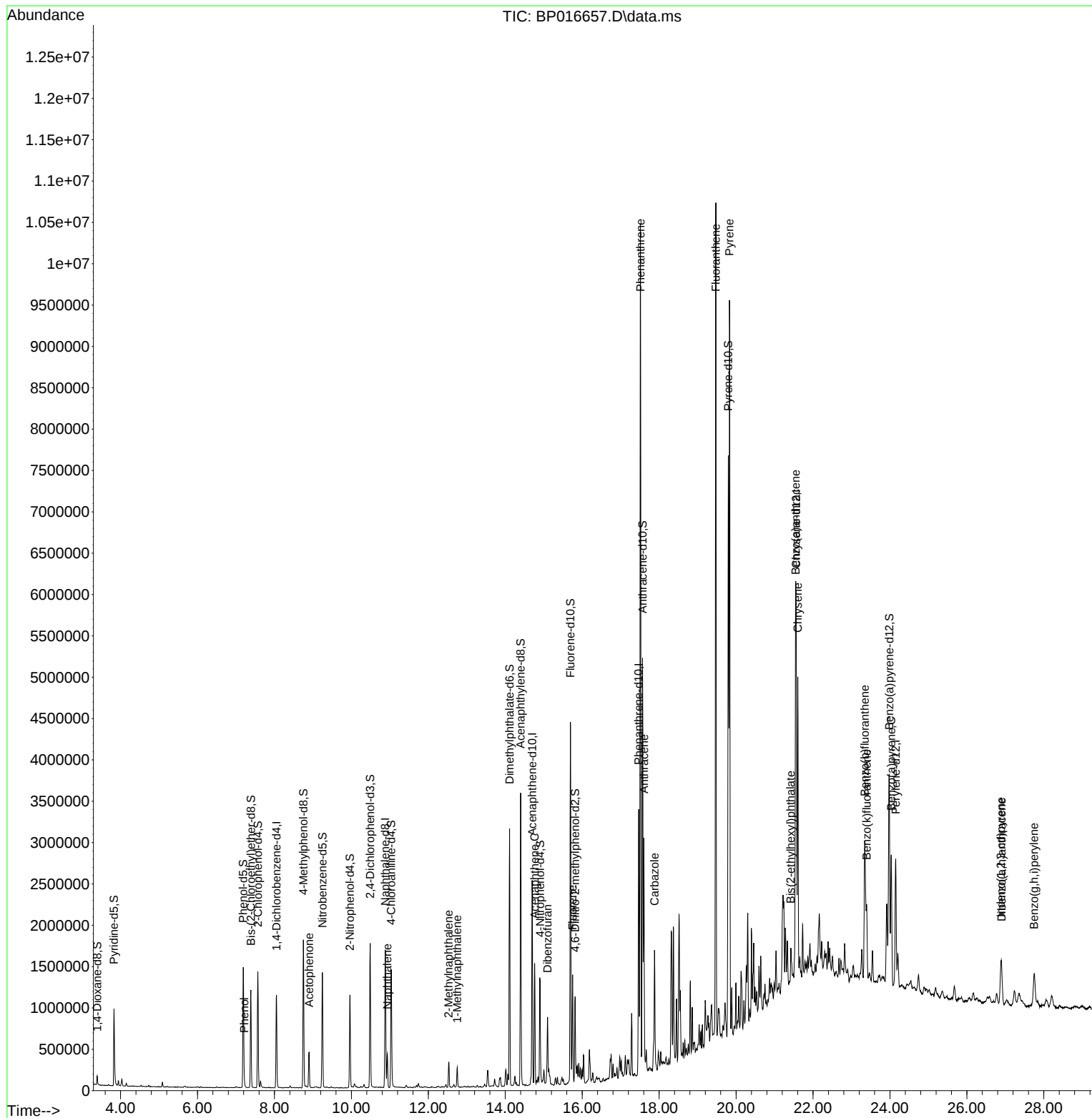
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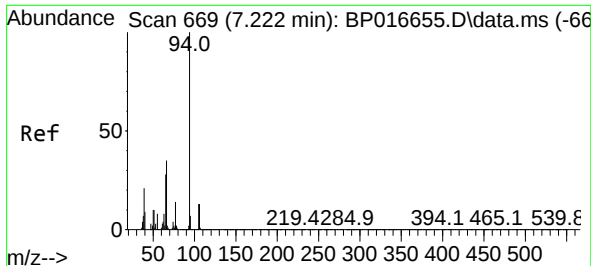
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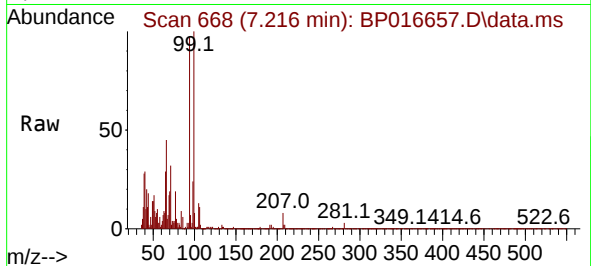
Quant Time: Aug 19 02:05:56 2023
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#8
Phenol
Concen: 1.090 ng/ul
RT: 7.216 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

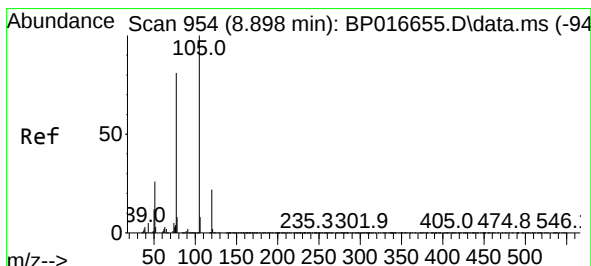
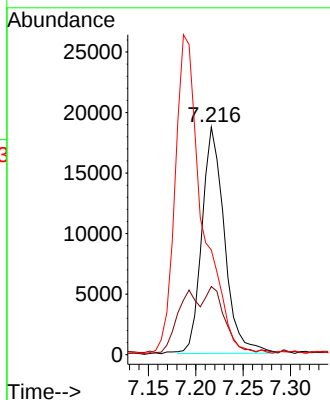
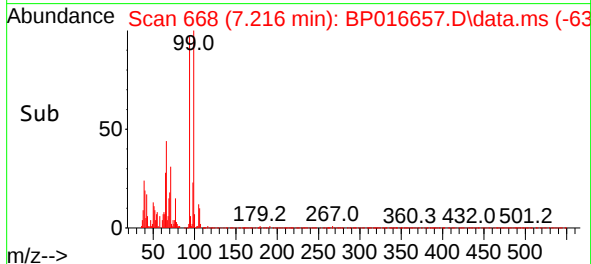
Instrument :
BNA_P
ClientSampleId :
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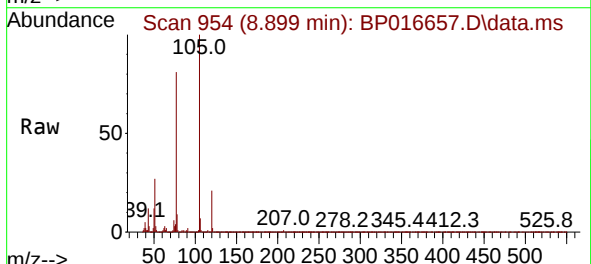
Tgt Ion: 94 Resp: 3097
Ion Ratio Lower Upper
94 100
65 30.0 22.3 33.5
66 46.0 28.7 43.1

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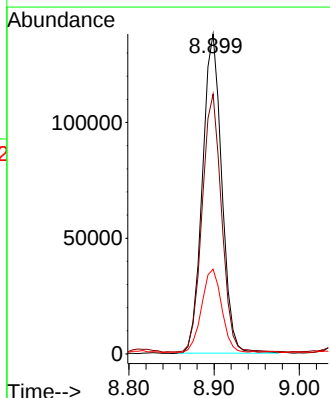
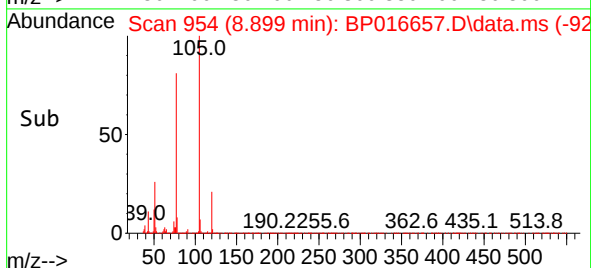
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

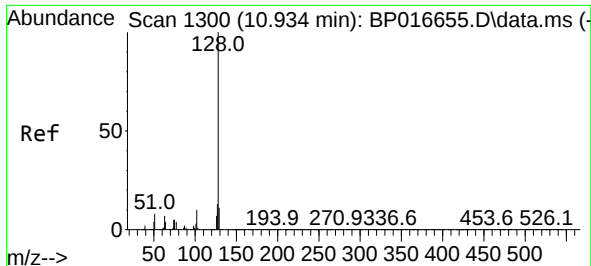


#16
Acetophenone
Concen: 6.366 ng/ul
RT: 8.899 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29



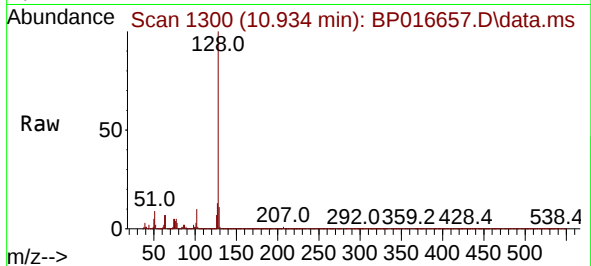
Tgt Ion:105 Resp: 217352
Ion Ratio Lower Upper
105 100
77 81.2 64.4 96.6
51 26.5 21.2 31.8





#30
Naphthalene
Concen: 4.641 ng/ul
RT: 10.934 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

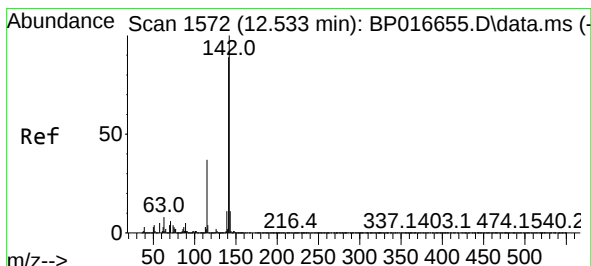
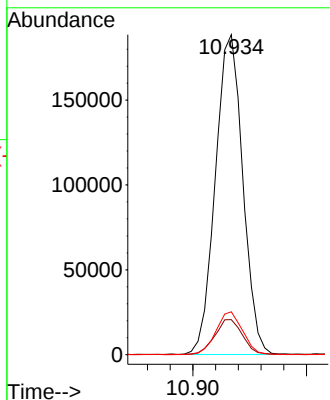
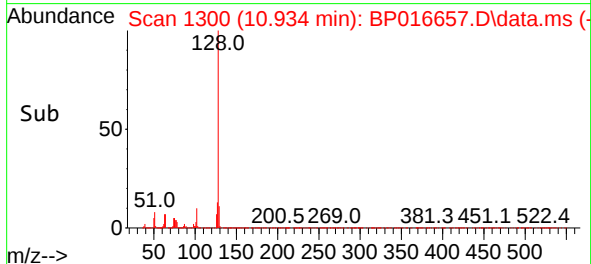
Instrument :
BNA_P
ClientSampleId :
A48Q2



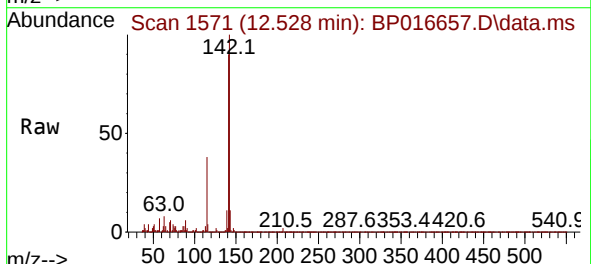
Tgt Ion:128 Resp: 316250
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.3 15.5

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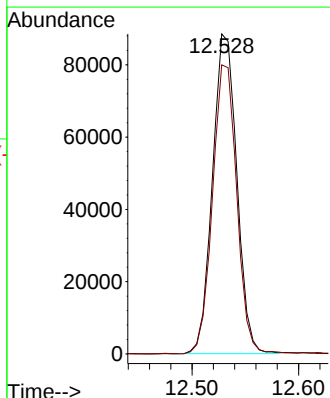
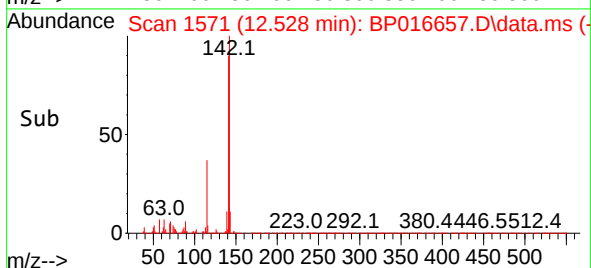
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

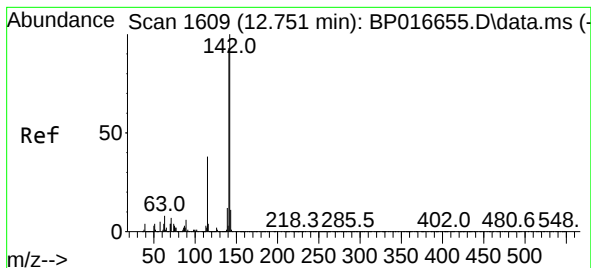


#36
2-Methylnaphthalene
Concen: 3.076 ng/ul
RT: 12.528 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29



Tgt Ion:142 Resp: 140395
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.0





#37

1-Methylnaphthalene

Concen: 2.267 ng/ul

RT: 12.751 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BP016657.D

Acq: 19 Aug 2023 01:29

Instrument :

BNA_P

ClientSampleId :

A48Q2

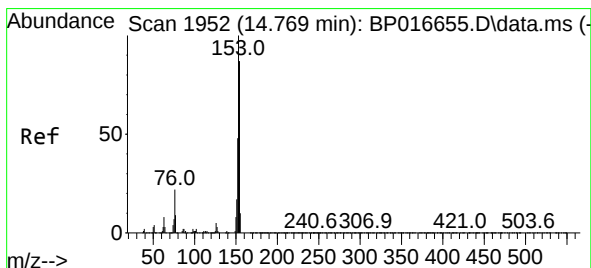
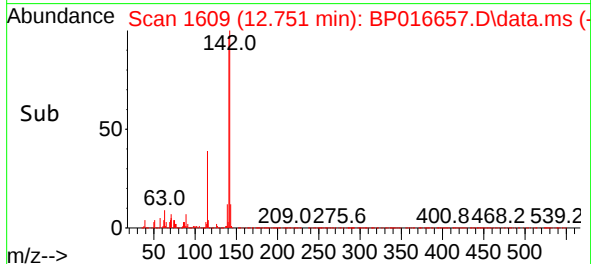
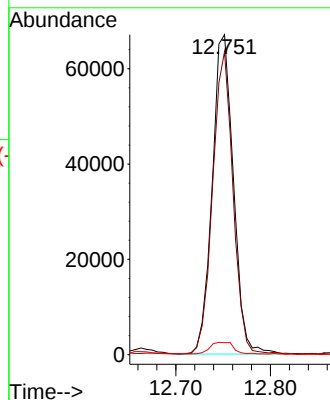
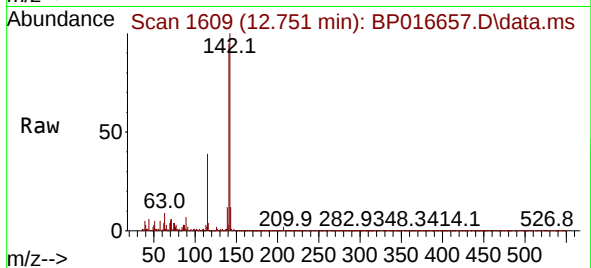
Tgt Ion:	142	Resp:	10418
Ion Ratio	Lower	Upper	
142	100		
141	94.7	74.5	111.7
116	3.7	3.0	4.4

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Supervised By :mohammad ahmed 08/21/2023



#52

Acenaphthene

Concen: 10.719 ng/ul

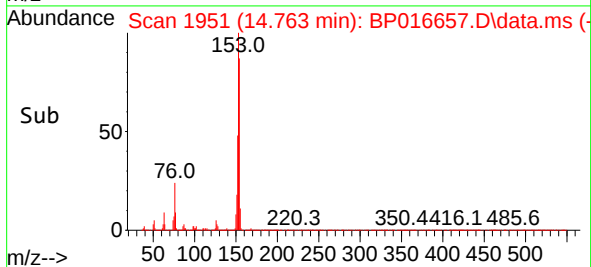
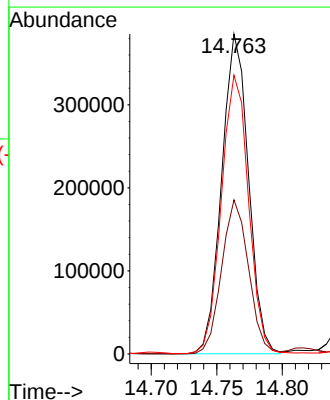
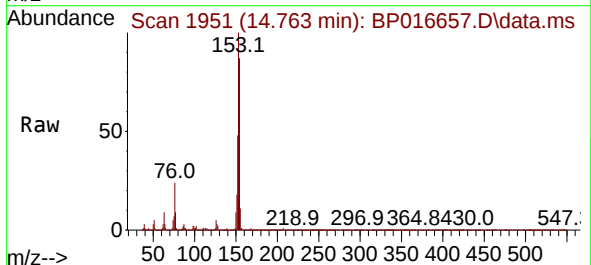
RT: 14.763 min Scan# 1951

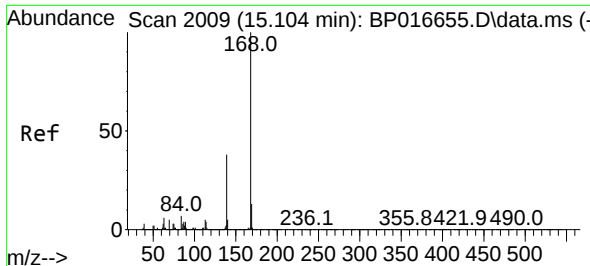
Delta R.T. -0.006 min

Lab File: BP016657.D

Acq: 19 Aug 2023 01:29

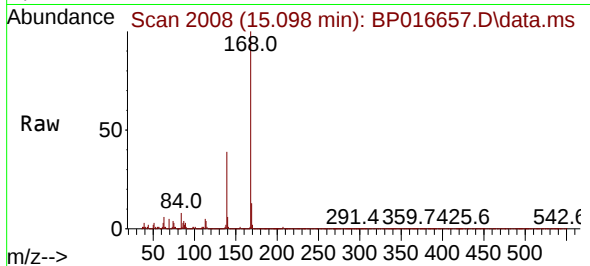
Tgt Ion:	153	Resp:	546853
Ion Ratio	Lower	Upper	
153	100		
152	48.2	38.7	58.1
154	87.1	72.0	108.0





#56
Dibenzenofuran
Concen: 6.760 ng/ul
RT: 15.098 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

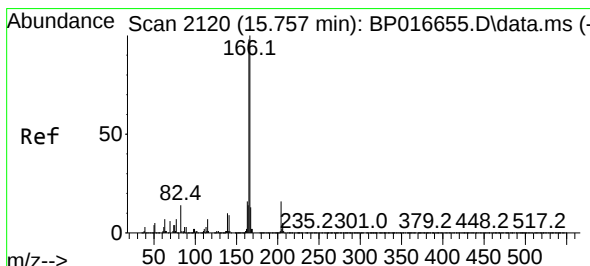
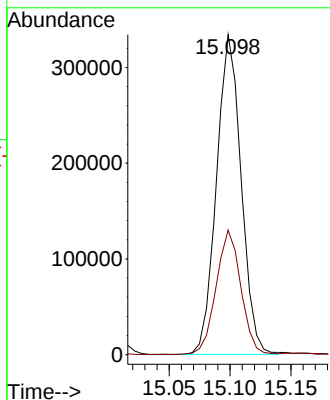
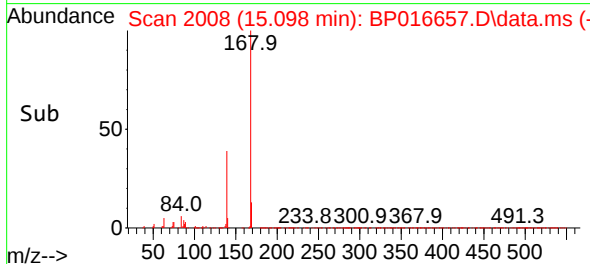
Instrument :
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A48Q2



Tgt Ion:168 Resp: 470540
Ion Ratio Lower Upper
168 100
139 38.9 31.4 47.0

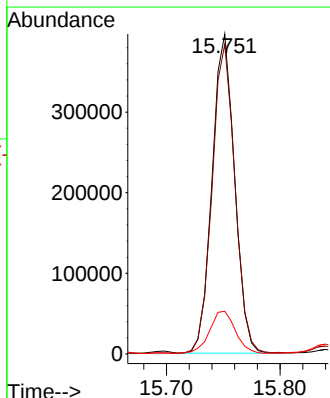
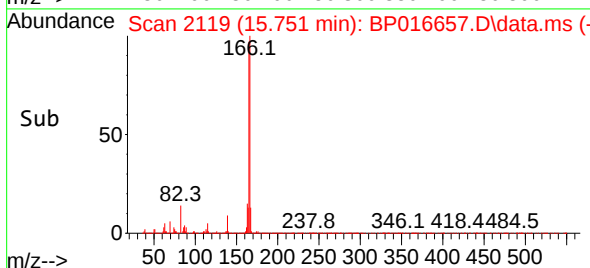
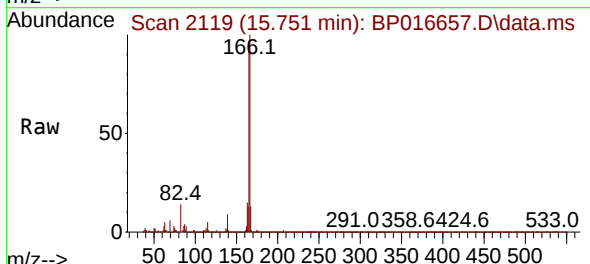
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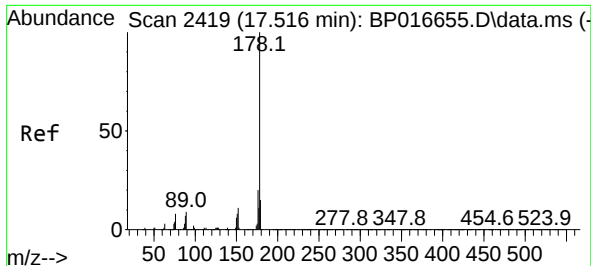
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#61
Fluorene
Concen: 9.534 ng/ul
RT: 15.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

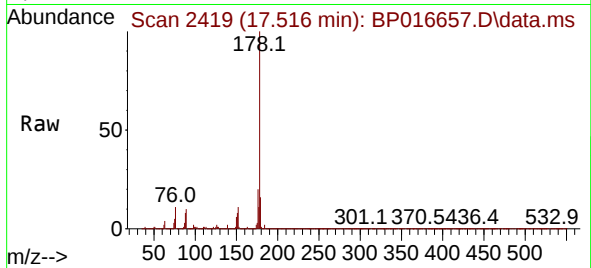
Tgt Ion:166 Resp: 544156
Ion Ratio Lower Upper
166 100
165 96.7 78.3 117.5
167 13.4 10.8 16.2





#72
Phenanthrene
Concen: 66.065 ng/ul
RT: 17.516 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

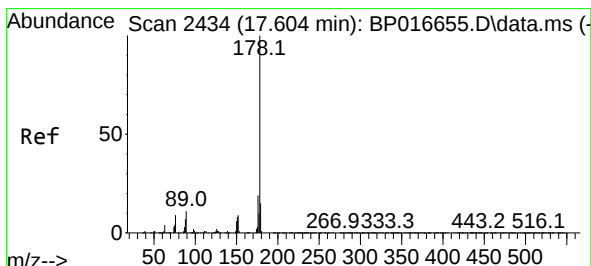
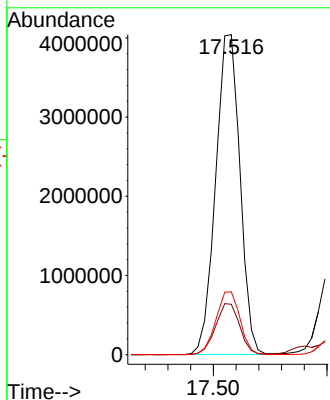
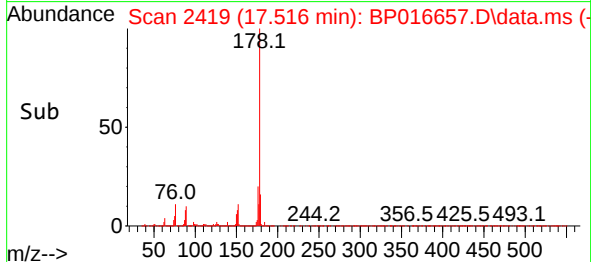
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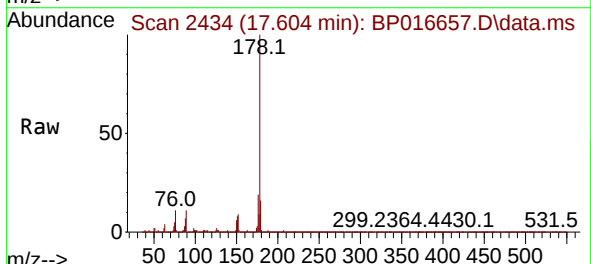
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Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.6 15.5 23.3

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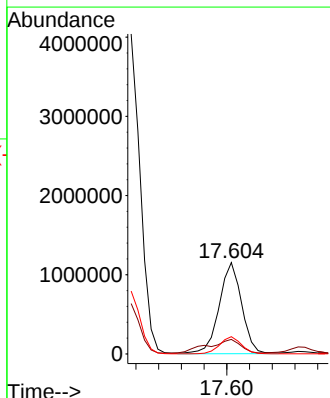
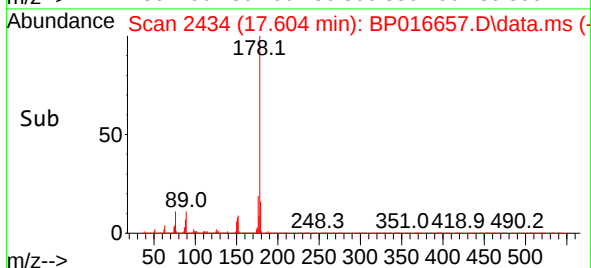
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Supervised By :mohammad ahmed 08/21/2023

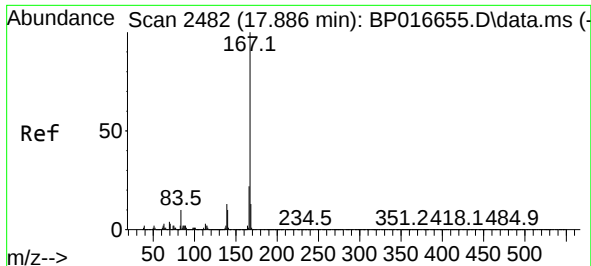


#74
Anthracene
Concen: 17.355 ng/ul
RT: 17.604 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29



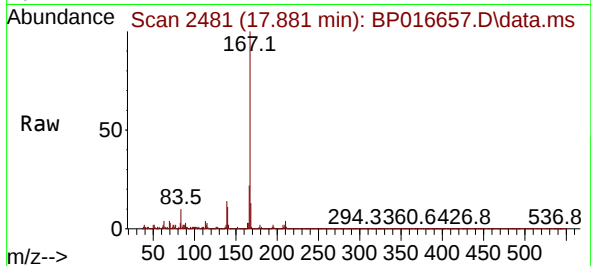
Tgt Ion:178 Resp: 1587040
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 18.9 14.9 22.3





#77
 Carbazole
 Concen: 8.953 ng/ul
 RT: 17.881 min Scan# 2482
 Delta R.T. -0.000 min
 Lab File: BP016657.D
 Acq: 19 Aug 2023 01:29

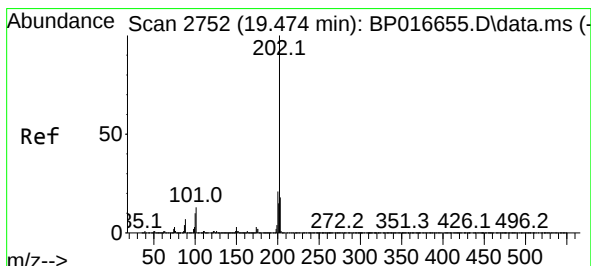
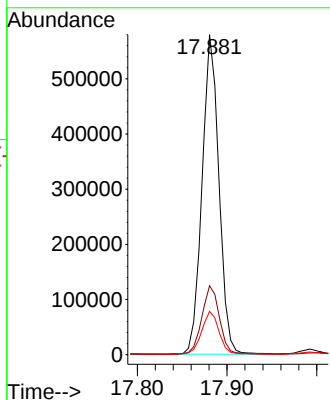
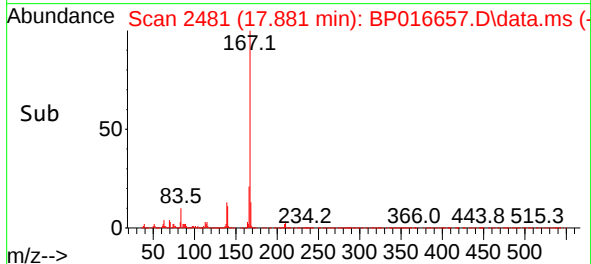
Instrument :
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Tgt Ion:167 Resp: 75444
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 13.5 10.6 16.0

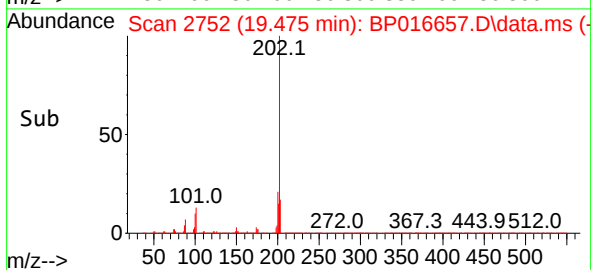
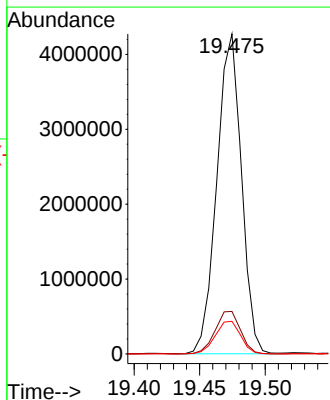
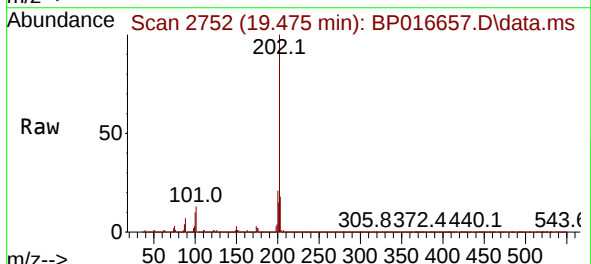
Manual Integrations
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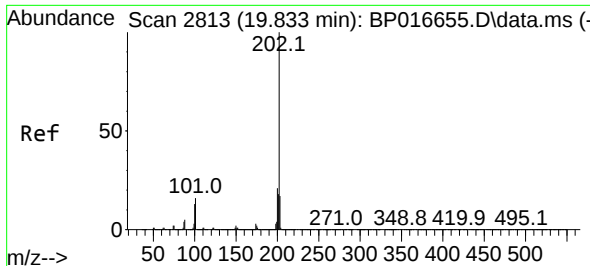
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



#80
 Fluoranthene
 Concen: 65.965 ng/ul
 RT: 19.475 min Scan# 2752
 Delta R.T. 0.006 min
 Lab File: BP016657.D
 Acq: 19 Aug 2023 01:29

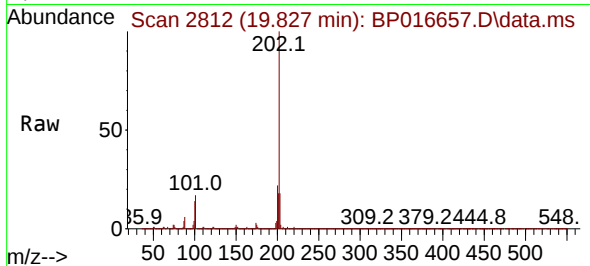
Tgt Ion:202 Resp: 5562112
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.6 16.0
 100 10.2 8.1 12.1





#82
Pyrene
Concen: 56.296 ng/ul
RT: 19.827 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

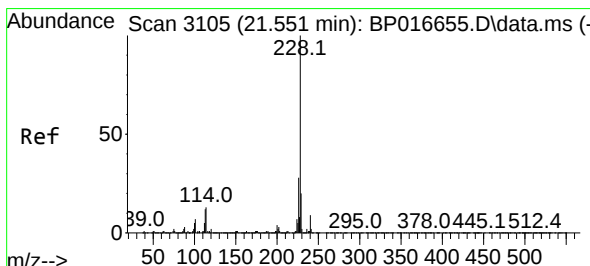
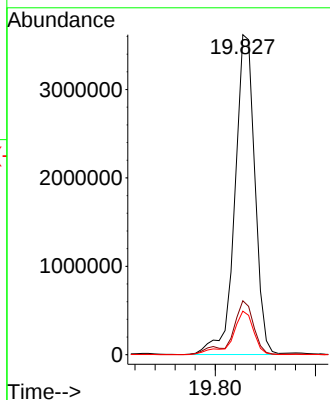
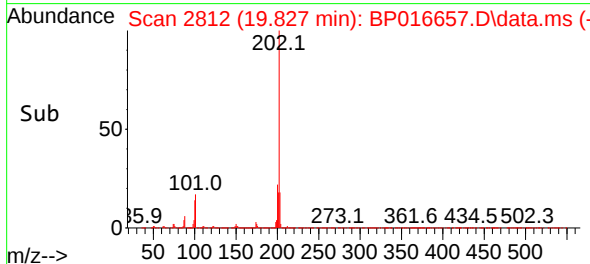
Instrument :
BNA_P
ClientSampleId :
A48Q2



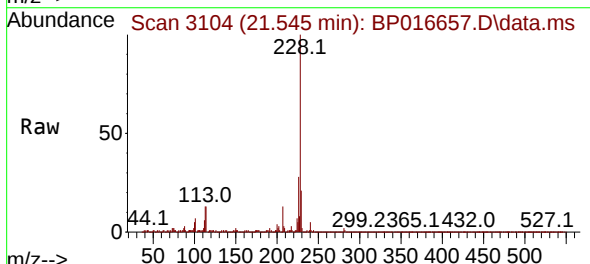
Tgt Ion:202 Resp: 5012450
Ion Ratio Lower Upper
202 100
101 16.8 13.4 20.2
100 13.6 11.0 16.4

Manual Integrations
APPROVED

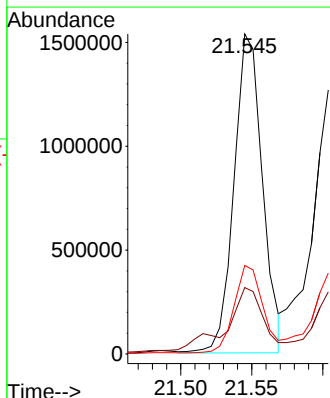
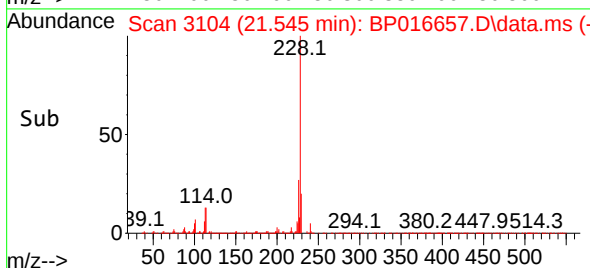
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

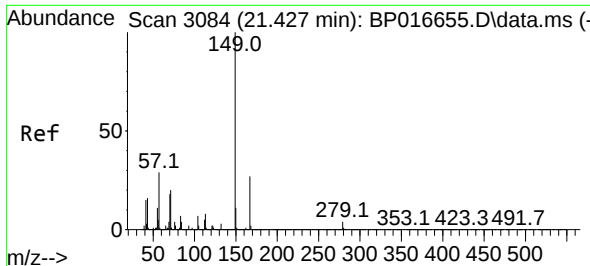


#85
Benzo(a)anthracene
Concen: 23.624 ng/ul
RT: 21.545 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29



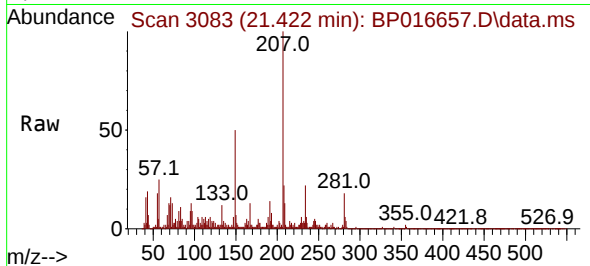
Tgt Ion:228 Resp: 2140648
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 27.7 21.8 32.6





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.866 ng/ul
RT: 21.422 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

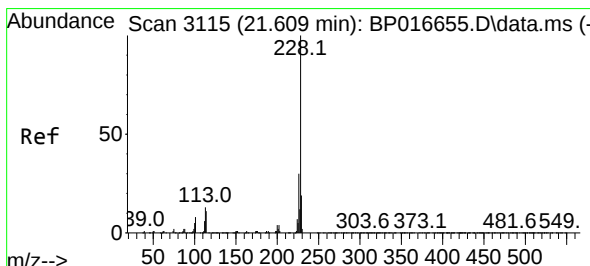
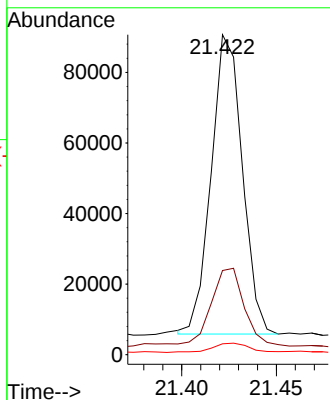
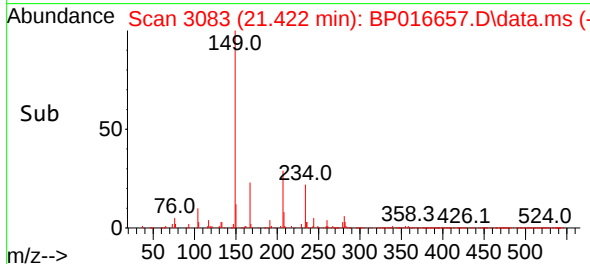
Instrument :
BNA_P
ClientSampleId :
A48Q2



Tgt Ion:149 Resp: 97119
Ion Ratio Lower Upper
149 100
167 26.3 20.9 31.3
279 3.4 2.6 4.0

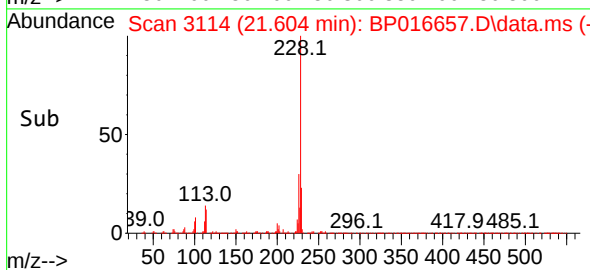
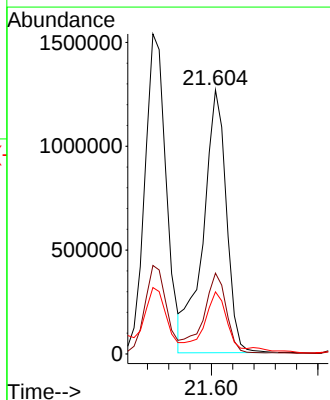
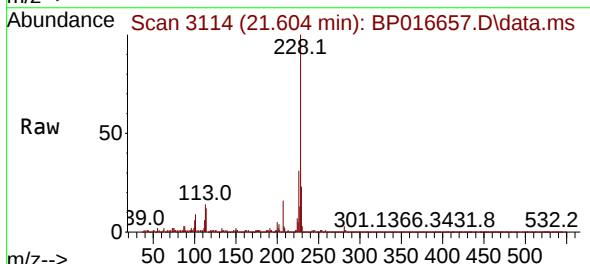
Manual Integrations
APPROVED

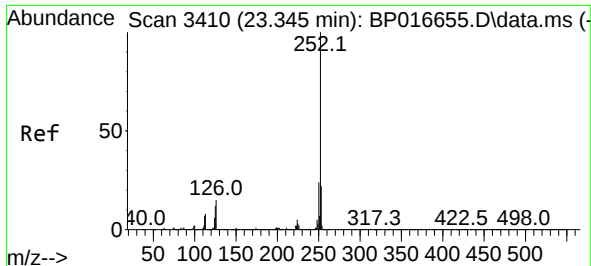
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#87
Chrysene
Concen: 22.589 ng/ul
RT: 21.604 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

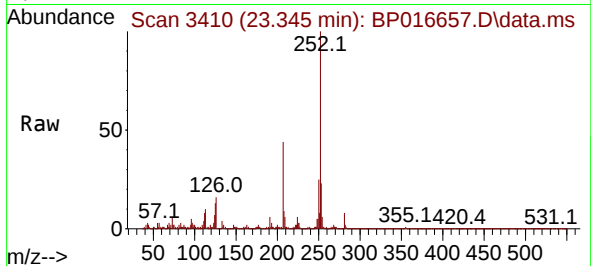
Tgt Ion:228 Resp: 1915377
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 23.5 16.4 24.6





#90
Benzo(b)fluoranthene
Concen: 23.426 ng/ul
RT: 23.345 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29

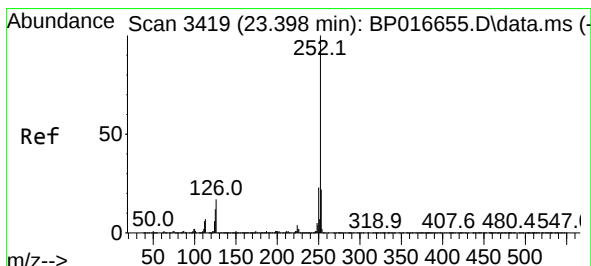
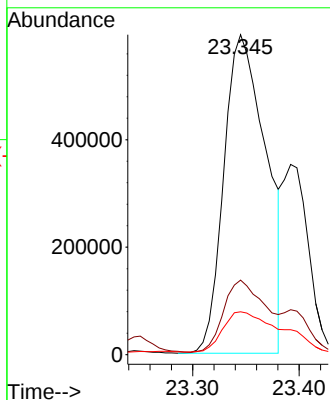
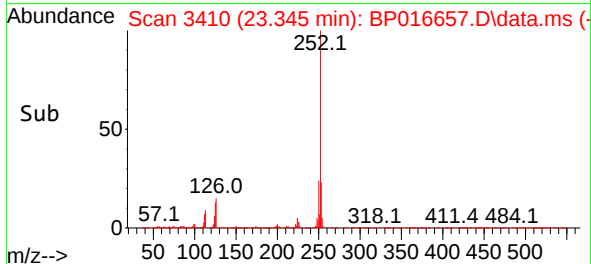
Instrument :
BNA_P
ClientSampleId :
A48Q2



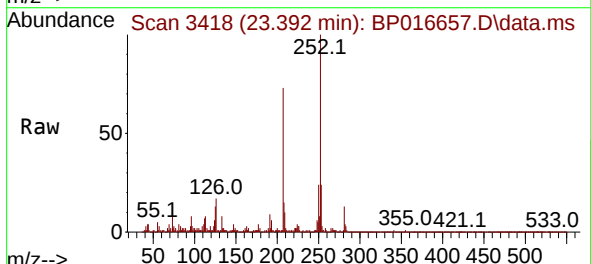
Tgt Ion:252 Resp: 163220
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 13.4 10.0 15.0

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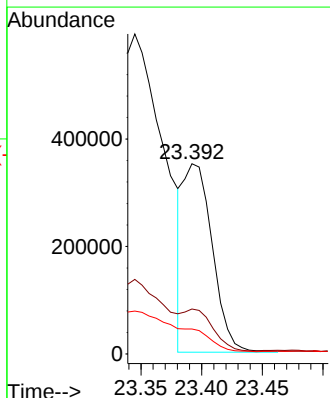
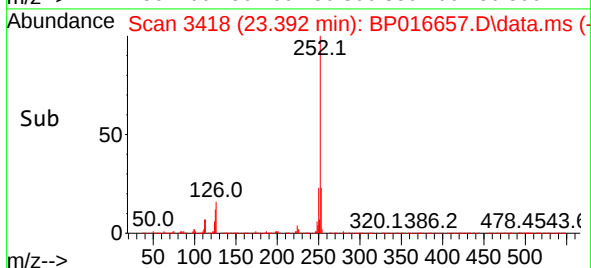
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

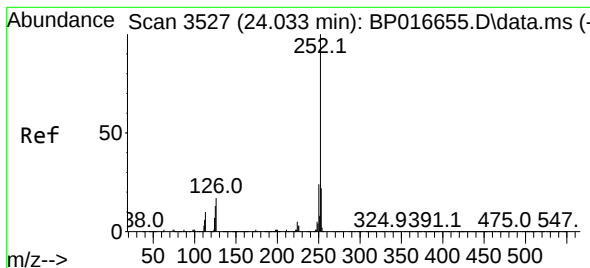


#91
Benzo(k)fluoranthene
Concen: 8.461 ng/ul m
RT: 23.392 min Scan# 3418
Delta R.T. -0.000 min
Lab File: BP016657.D
Acq: 19 Aug 2023 01:29



Tgt Ion:252 Resp: 584832
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 13.2 9.8 14.8





#93

Benzo(a)pyrene

Concen: 18.594 ng/ul

RT: 24.033 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP016657.D

Acq: 19 Aug 2023 01:29

Instrument :

BNA_P

ClientSampleId :

A48Q2

Tgt Ion:252 Resp: 122208

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

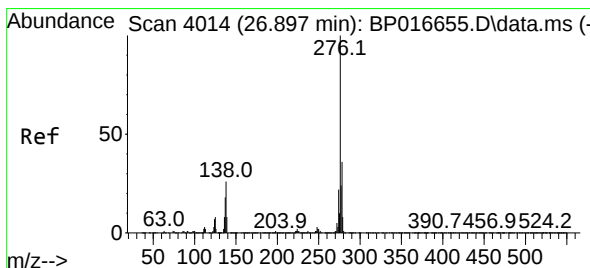
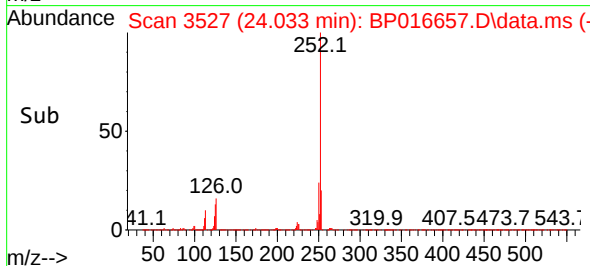
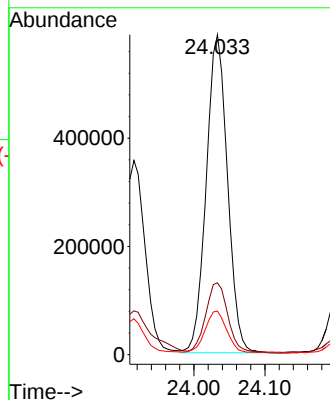
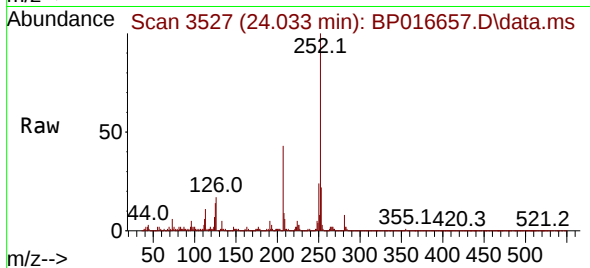
125 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.591 ng/ul

RT: 26.886 min Scan# 4012

Delta R.T. -0.000 min

Lab File: BP016657.D

Acq: 19 Aug 2023 01:29

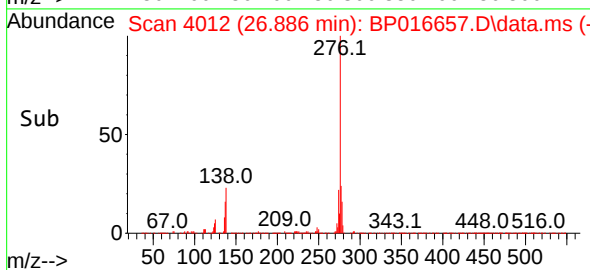
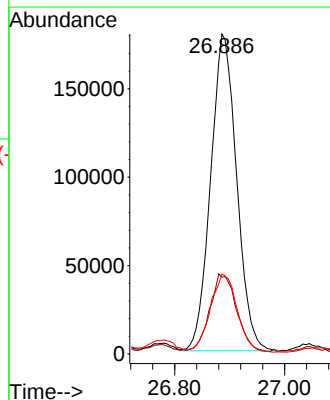
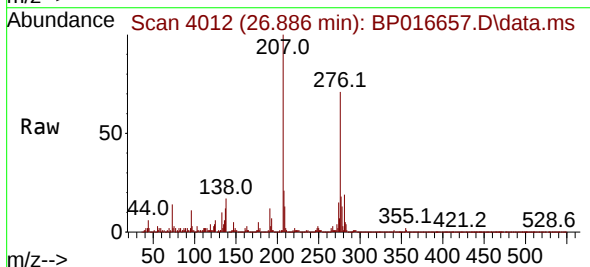
Tgt Ion:276 Resp: 588832

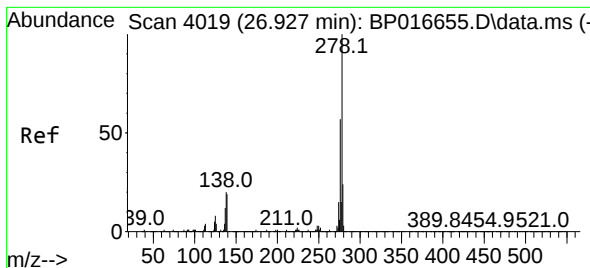
Ion Ratio Lower Upper

276 100

138 24.0 21.7 32.5

277 25.0 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 2.581 ng/ul

RT: 26.904 min Scan# 4019

Delta R.T. -0.012 min

Lab File: BP016657.D

Acq: 19 Aug 2023 01:29

Instrument :

BNA_P

ClientSampleId :

A48Q2

Tgt Ion:278 Resp: 166599

Ion Ratio Lower Upper

278 100

139 0.0 15.5 23.3

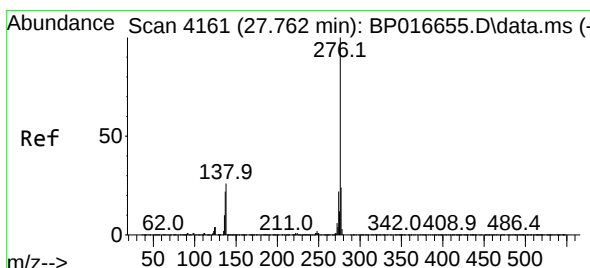
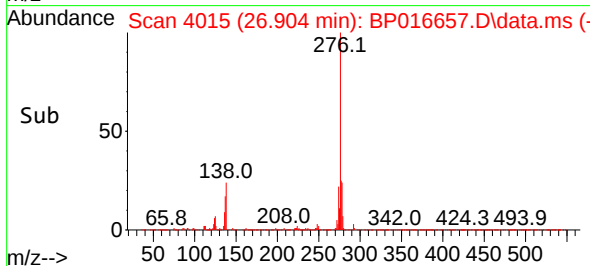
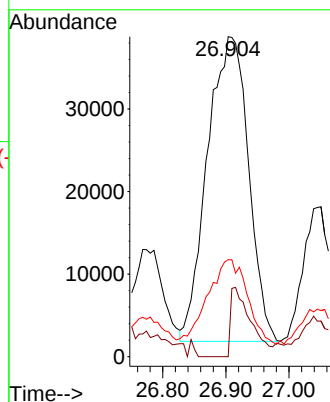
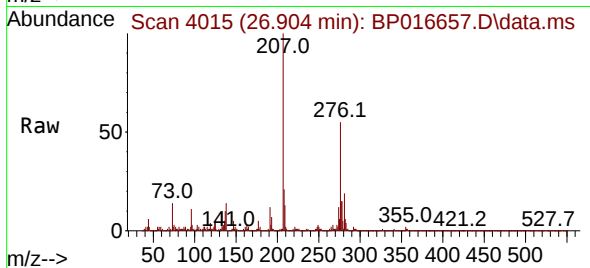
279 30.3 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#96

Benzo(g,h,i)perylene

Concen: 8.702 ng/ul

RT: 27.745 min Scan# 4158

Delta R.T. -0.000 min

Lab File: BP016657.D

Acq: 19 Aug 2023 01:29

Tgt Ion:276 Resp: 537251

Ion Ratio Lower Upper

276 100

138 25.7 21.5 32.3

277 24.0 19.3 28.9

