

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021397.D
 Acq On : 06 Aug 2024 19:20
 Operator : CG/JU
 Sample : P3378-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AY7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 06 23:13:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	190563	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.416	136	604403m	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.257	164	513363	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.086	188	1100050	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1155827	20.000	ng/u1	0.00
88) Perylene-d12	24.810	264	1356356	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	14806	3.536	ng/uL	-0.02
4) Pyridine-d5	3.599	84	90884	7.496	ng/u1	0.00
7) Phenol-d5	6.840	99	143012	9.205	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	186459	19.804	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	260380	20.342	ng/u1	-0.01
15) 4-Methylphenol-d8	8.352	113	237870	18.435	ng/u1	-0.01
21) Nitrobenzene-d5	8.793	128	136757	29.131	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	149990	27.915	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	261586	26.924	ng/u1	0.03
31) 4-Chloroaniline-d4	10.587	131	285563m	22.186	ng/u1	0.03
46) Dimethylphthalate-d6	13.687	166	835027	22.376	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	897411	21.416	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	17435m	3.284	ng/u1	0.02
60) Fluorene-d10	15.281	176	646867	21.128	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	88247	13.258	ng/u1	0.00
73) Anthracene-d10	17.186	188	1128446	23.096	ng/u1	0.00
81) Pyrene-d10	19.569	212	1377786	19.281	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1479446	22.116	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.869	94	274009	17.430	ng/u1	96
12) 2-Chlorophenol	7.199	128	39168	3.053	ng/u1	98
13) 2-Methylphenol	8.081	108	2619934	215.488	ng/u1	98
18) 4-Methylphenol	8.410	108	1042708	80.053	ng/u1	91
26) 2,4-Dimethylphenol	9.634	107	10682840	966.743	ng/u1	99
30) Naphthalene	10.440	128	73177856m	2301.766	ng/u1	
36) 2-Methylnaphthalene	12.075	142	15329060	702.419	ng/u1	99
37) 1-Methylnaphthalene	12.287	142	8689859	387.166	ng/u1	98
43) 1,1'-Biphenyl	13.069	154	2341189	62.403	ng/u1	100
50) Acenaphthylene	13.981	152	277554	5.850	ng/u1#	85
52) Acenaphthene	14.328	153	5800339	184.196	ng/u1	99
56) Dibenzofuran	14.675	168	6488298	150.463	ng/u1	98
61) Fluorene	15.339	166	4149141	117.910	ng/u1	99
72) Phenanthrene	17.134	178	6343490	111.160	ng/u1	98
74) Anthracene	17.228	178	1138979	19.578	ng/u1	99
77) Carbazole	17.539	167	11575882	243.407	ng/u1	98
80) Fluoranthene	19.222	202	930695	10.785	ng/u1	99
82) Pyrene	19.598	202	540511	6.155	ng/u1	98
85) Benzo(a)anthracene	21.510	228	106600	1.317	ng/u1#	88

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

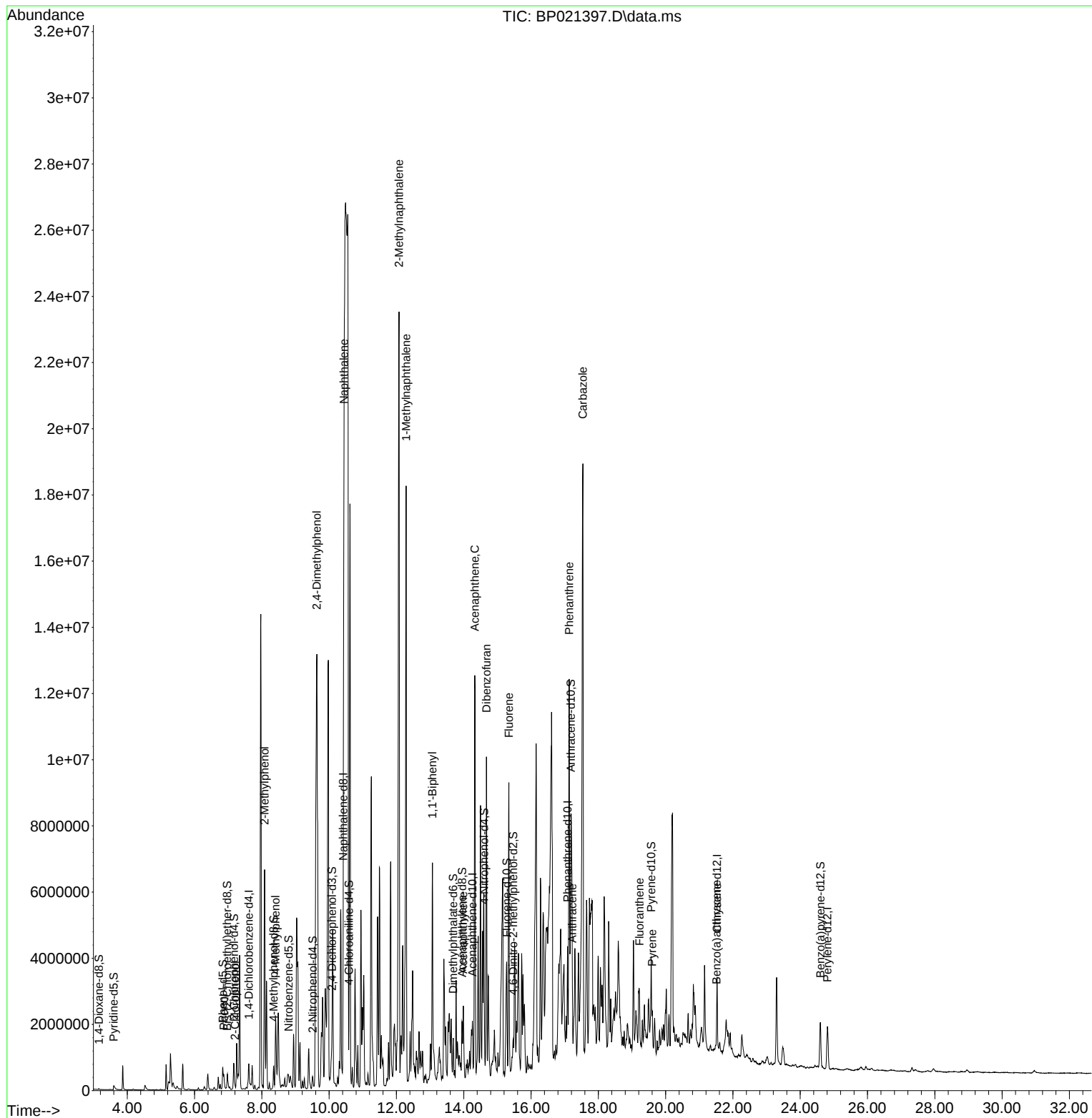
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
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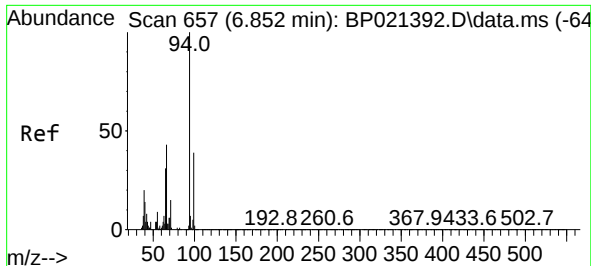
Instrument :
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 Supervised By :mohammad ahmed 08/09/2024

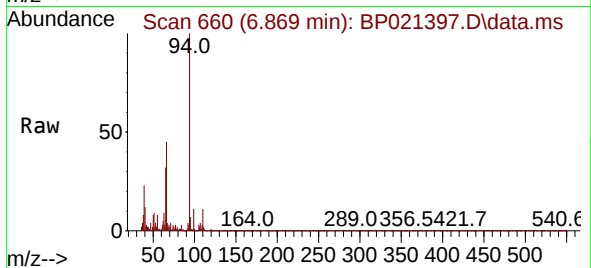
Quant Time: Aug 06 23:13:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
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#8
Phenol
Concen: 17.430 ng/ul
RT: 6.869 min Scan# 60
Delta R.T. -0.005 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

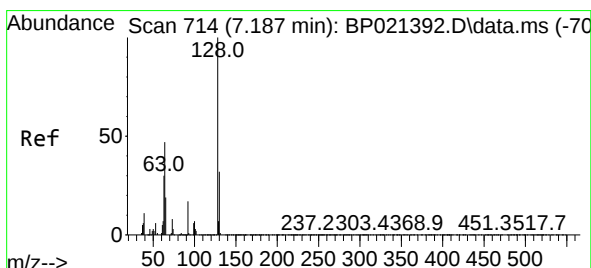
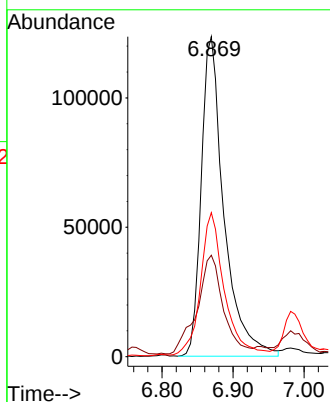
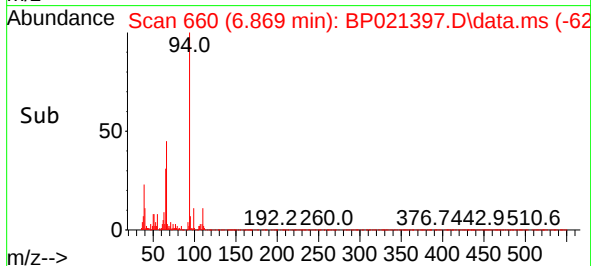
Instrument :
BNA_P
ClientSampleId :
C0AY7



Tgt Ion: 94 Resp: 274009
Ion Ratio Lower Upper
94 100
65 31.7 23.4 35.0
66 45.0 33.9 50.9

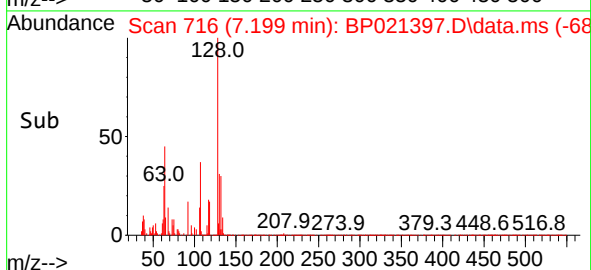
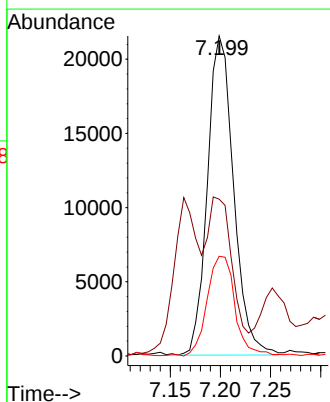
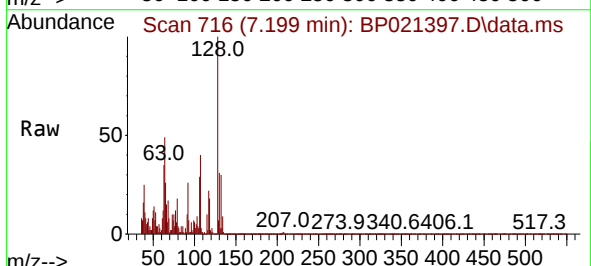
Manual Integrations
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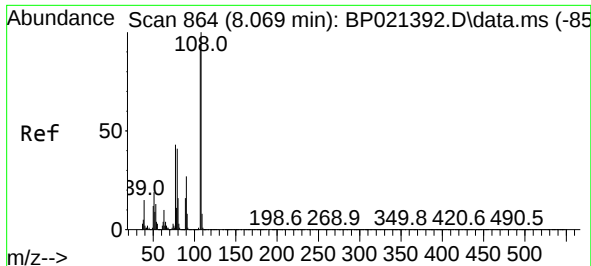
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/09/2024



#12
2-Chlorophenol
Concen: 3.053 ng/ul
RT: 7.199 min Scan# 716
Delta R.T. -0.011 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

Tgt Ion:128 Resp: 39168
Ion Ratio Lower Upper
128 100
64 49.0 37.9 56.9
130 31.1 25.6 38.4





#13

2-Methylphenol

Concen: 215.488 ng/ul

RT: 8.081 min Scan# 80

Delta R.T. -0.017 min

Lab File: BP021397.D

Acq: 06 Aug 2024 19:20

Instrument :

BNA_P

ClientSampleId :

C0AY7

Tgt Ion:108 Resp: 2619934

Ion Ratio Lower Upper

108 100

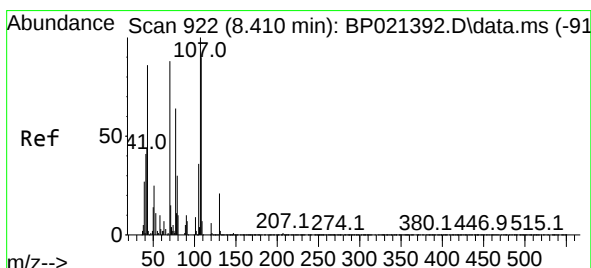
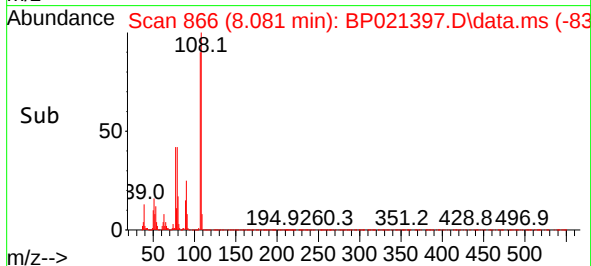
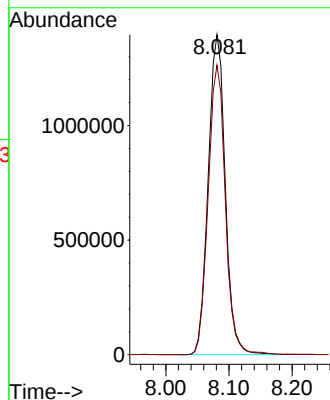
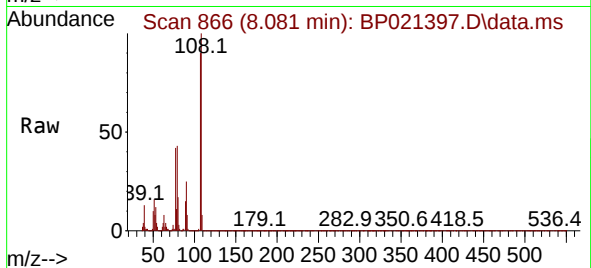
107 90.4 73.8 110.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/07/2024

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#18

4-Methylphenol

Concen: 80.053 ng/ul

RT: 8.410 min Scan# 922

Delta R.T. -0.017 min

Lab File: BP021397.D

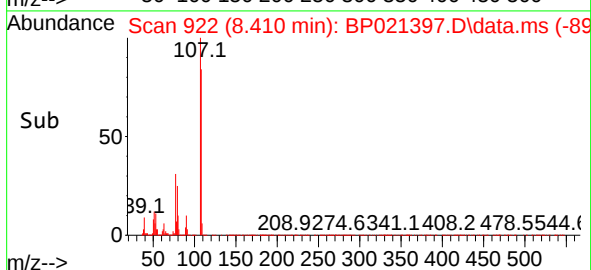
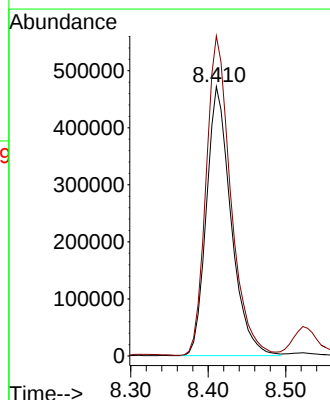
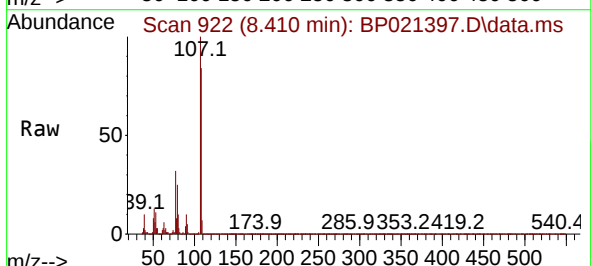
Acq: 06 Aug 2024 19:20

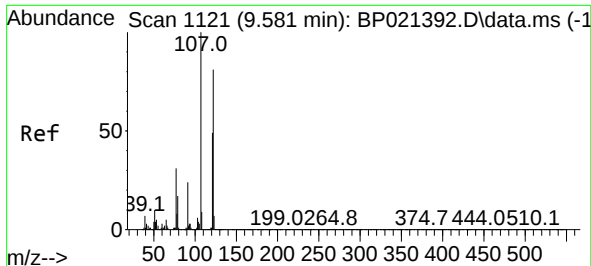
Tgt Ion:108 Resp: 1042708

Ion Ratio Lower Upper

108 100

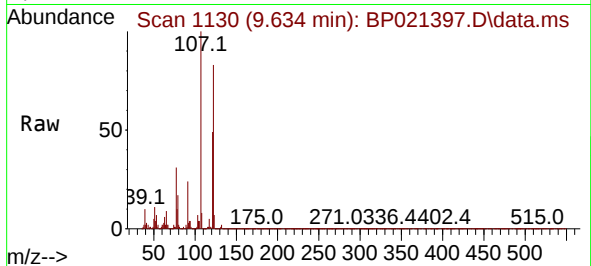
107 118.9 87.8 131.8





#26
2,4-Dimethylphenol
Concen: 966.743 ng/ul
RT: 9.634 min Scan# 1121
Delta R.T. 0.030 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

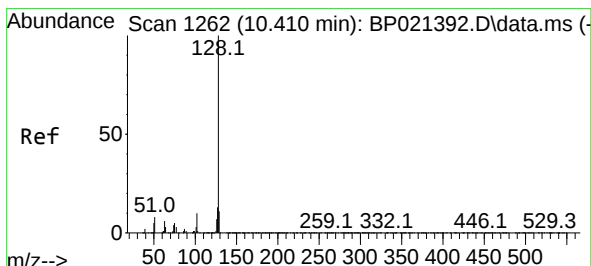
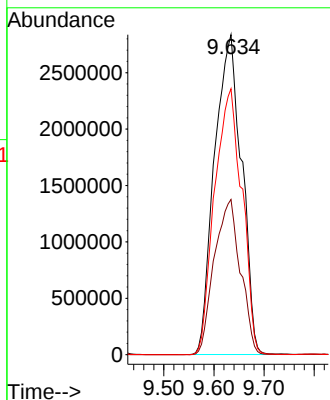
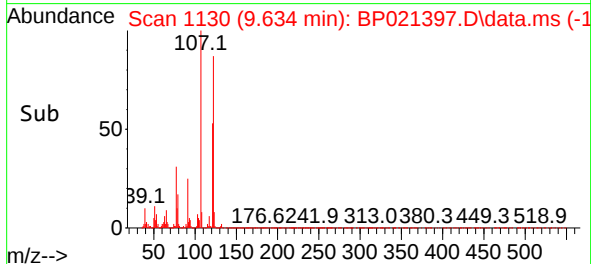
Instrument :
BNA_P
ClientSampleId :
C0AY7



Tgt Ion:107 Resp:10682840
Ion Ratio Lower Upper
107 100
121 48.5 39.6 59.4
122 83.1 66.3 99.5

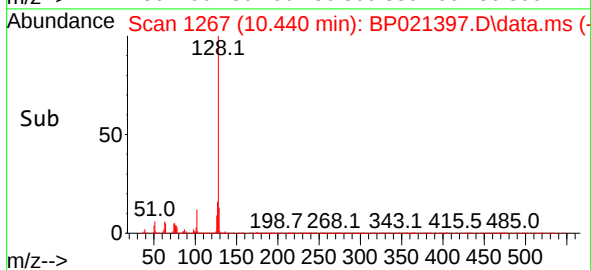
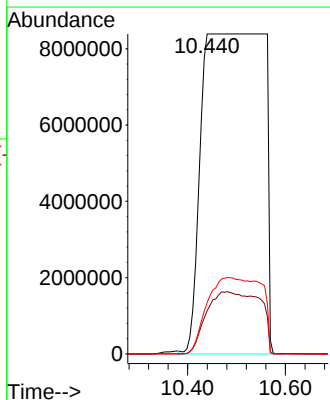
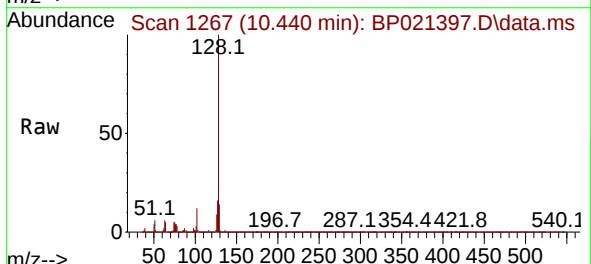
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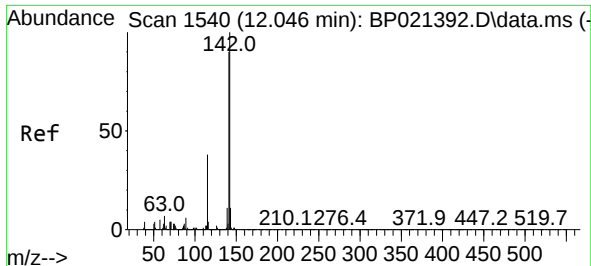
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/09/2024



#30
Naphthalene
Concen: 2301.766 ng/ul m
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

Tgt Ion:128 Resp:73177856
Ion Ratio Lower Upper
128 100
129 13.5 8.6 13.0#
127 16.1 10.8 16.2





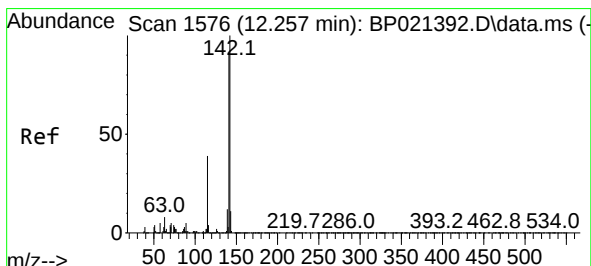
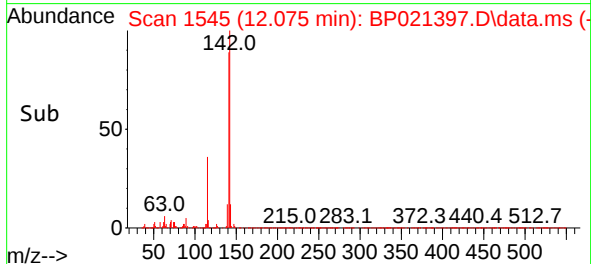
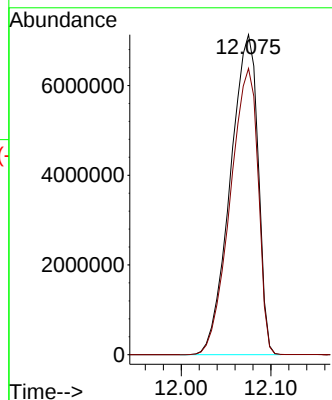
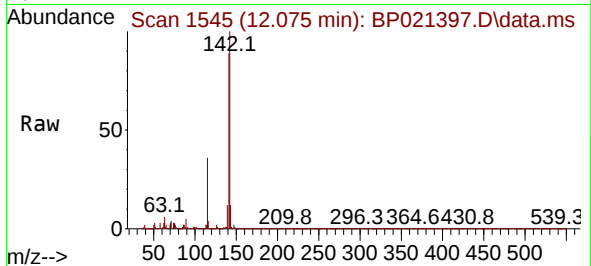
#36
2-Methylnaphthalene
Concen: 702.419 ng/ul
RT: 12.075 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

Instrument :
BNA_P
ClientSampleId :
C0AY7

Tgt Ion:142 Resp:1532906
Ion Ratio Lower Upper
142 100
141 89.4 72.6 108.8

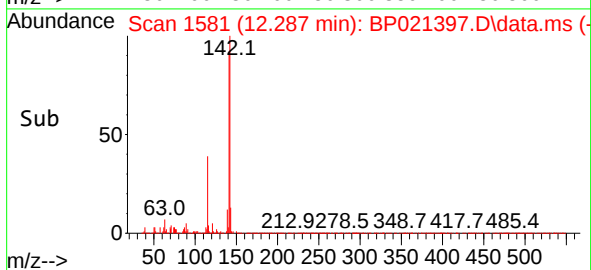
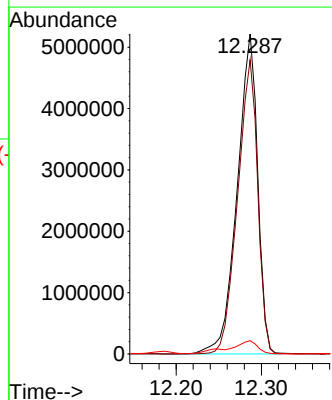
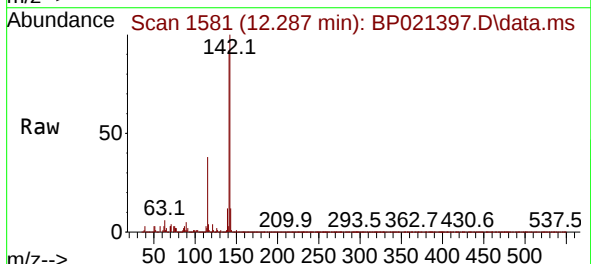
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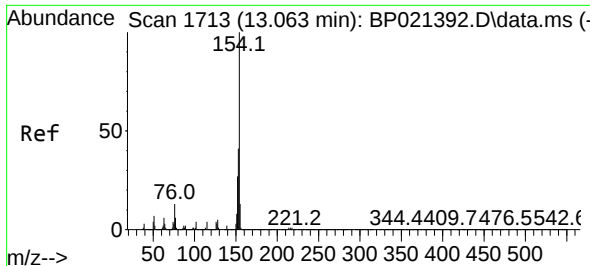
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/09/2024



#37
1-Methylnaphthalene
Concen: 387.166 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.005 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

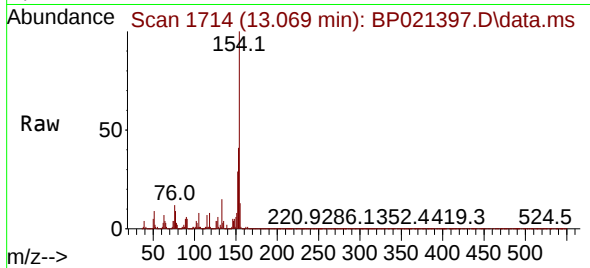
Tgt Ion:142 Resp: 8689859
Ion Ratio Lower Upper
142 100
141 91.9 75.0 112.6
116 4.1 3.2 4.8





#43
1,1'-Biphenyl
Concen: 62.403 ng/u1
RT: 13.069 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

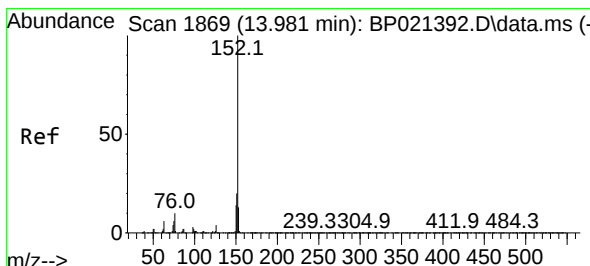
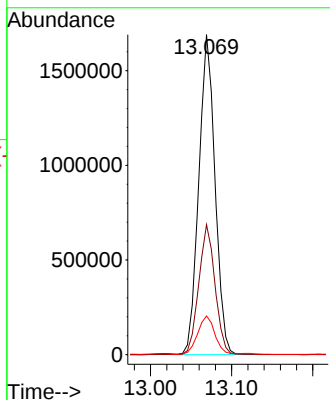
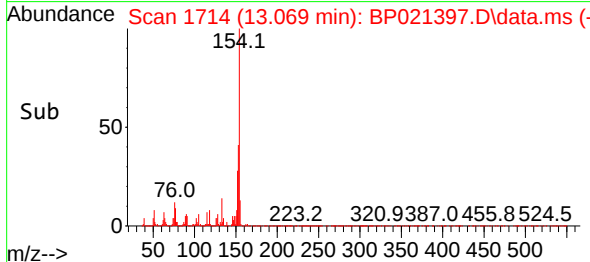
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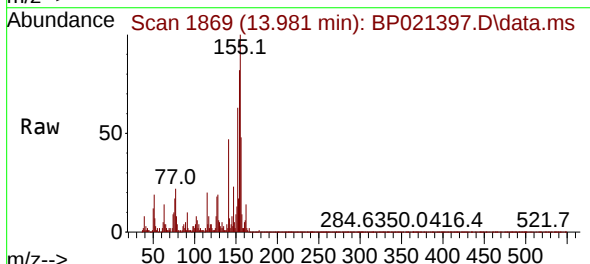
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Ion Ratio Lower Upper
154 100
153 40.7 32.7 49.1
76 12.1 9.4 14.2

Manual Integrations
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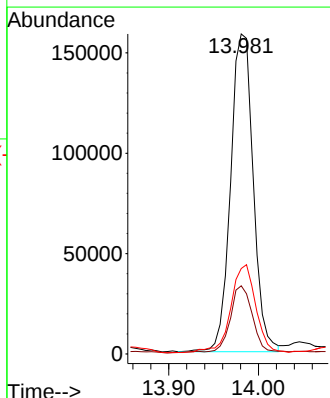
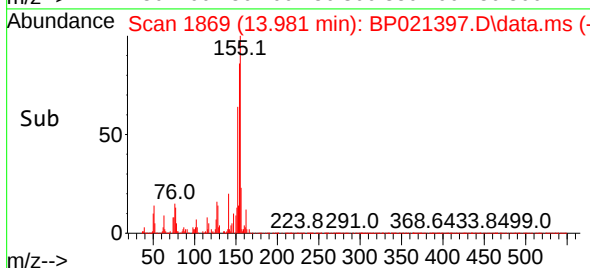
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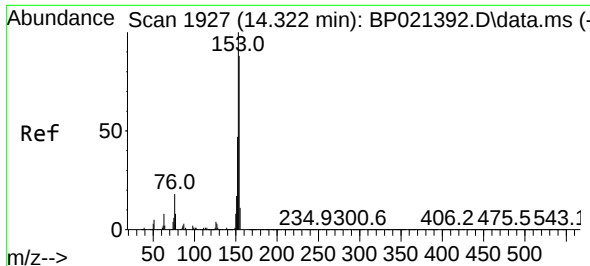


#50
Acenaphthylene
Concen: 5.850 ng/u1
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20



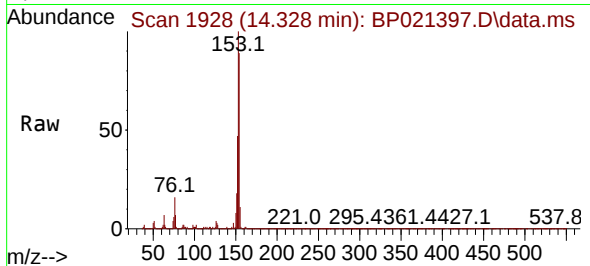
Tgt Ion:152 Resp: 277554
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2
153 26.7 10.3 15.5#





#52
Acenaphthene
Concen: 184.196 ng/ul
RT: 14.328 min Scan# 1927
Delta R.T. -0.011 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

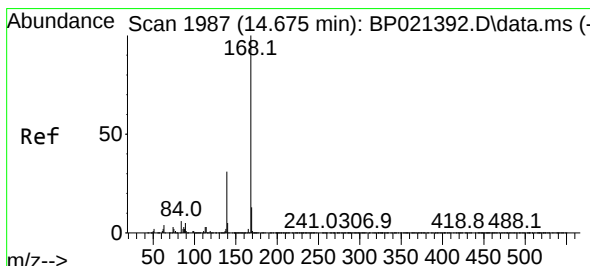
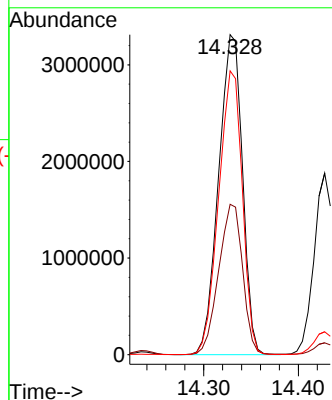
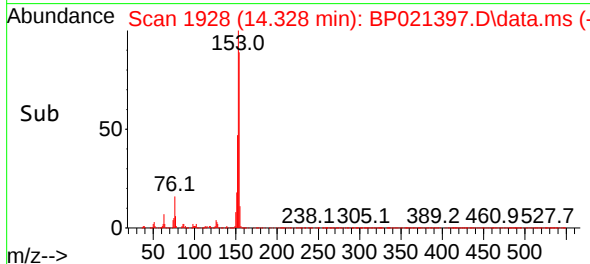
Instrument :
BNA_P
ClientSampleId :
C0AY7



Tgt Ion:153 Resp: 5800339
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.6
154 88.7 71.8 107.6

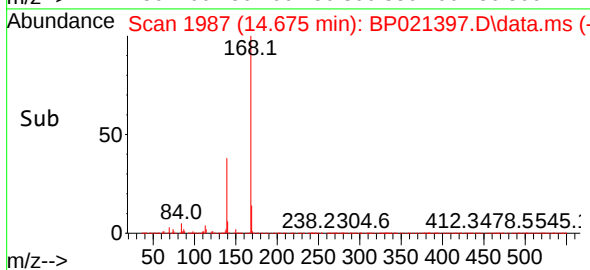
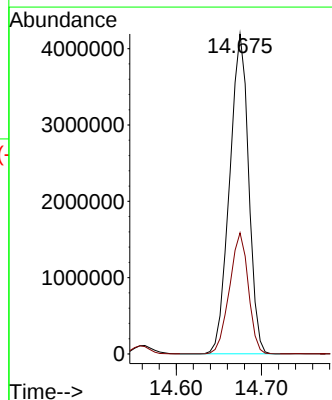
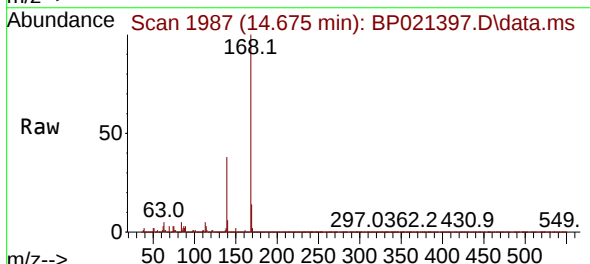
Manual Integrations
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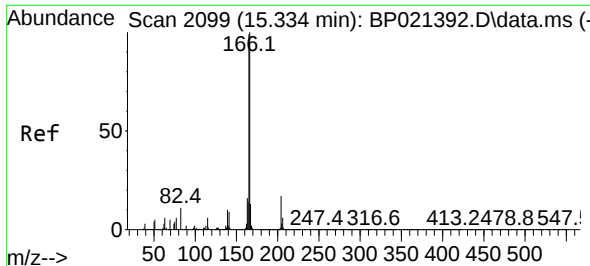
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/09/2024



#56
Dibenzofuran
Concen: 150.463 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

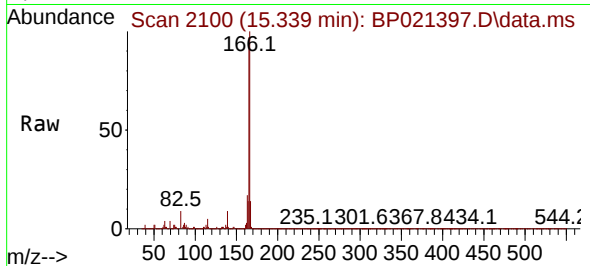
Tgt Ion:168 Resp: 6488298
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7





#61
Fluorene
Concen: 117.910 ng/ul
RT: 15.339 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20

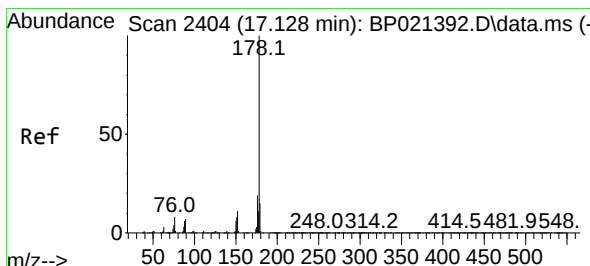
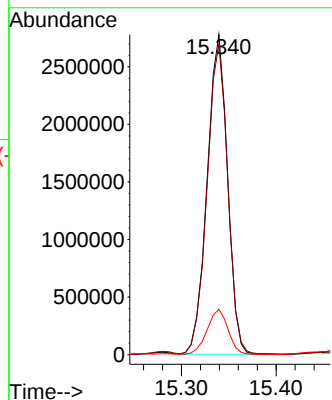
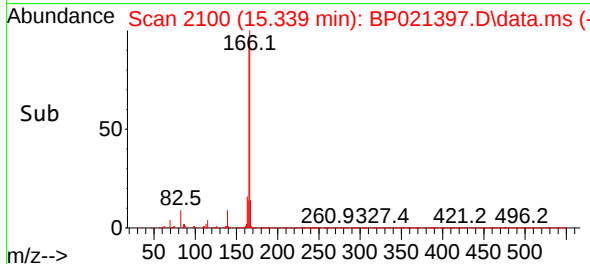
Instrument :
BNA_P
ClientSampleId :
C0AY7



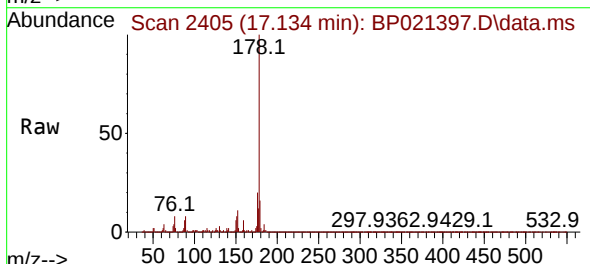
Tgt Ion:166 Resp: 414914
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 14.2 10.9 16.3

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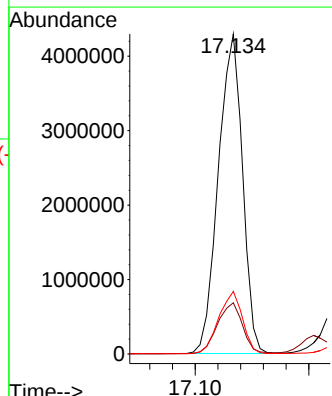
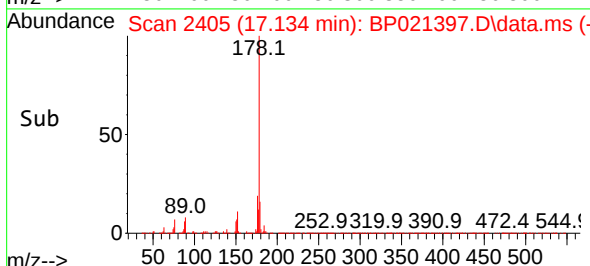
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/09/2024

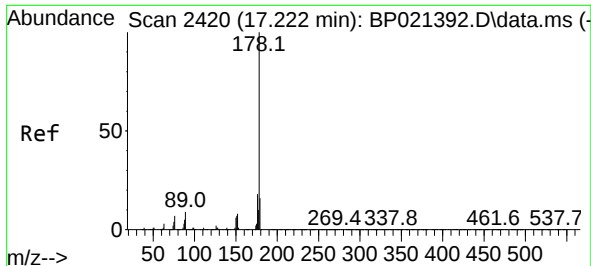


#72
Phenanthrene
Concen: 111.160 ng/ul
RT: 17.134 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP021397.D
Acq: 06 Aug 2024 19:20



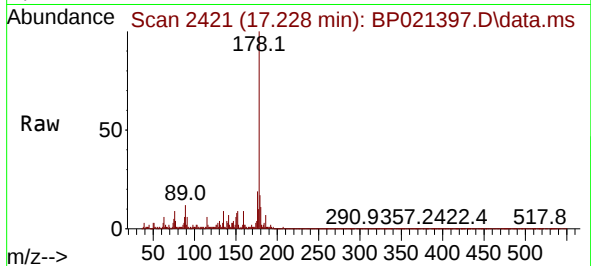
Tgt Ion:178 Resp: 6343490
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 19.6 15.0 22.4





#74
 Anthracene
 Concen: 19.578 ng/u1
 RT: 17.228 min Scan# 2420
 Delta R.T. -0.006 min
 Lab File: BP021397.D
 Acq: 06 Aug 2024 19:20

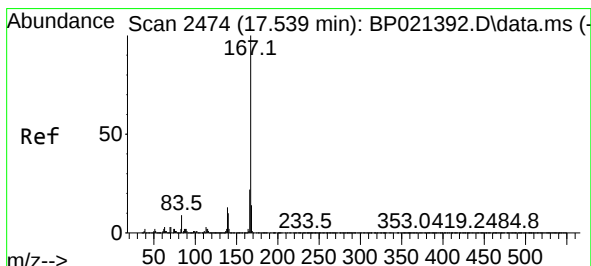
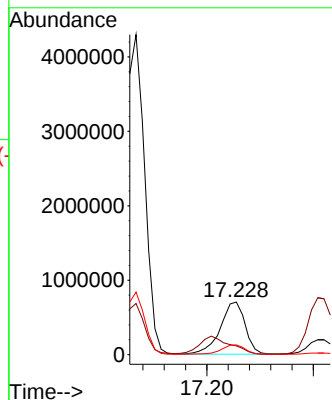
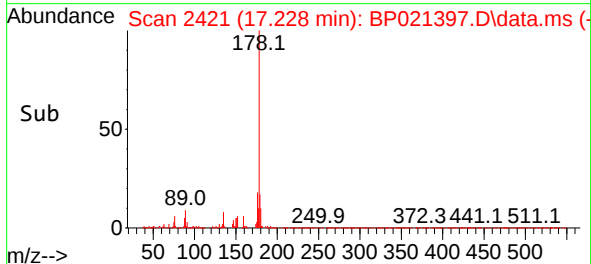
Instrument :
 BNA_P
 ClientSampleId :
 C0AY7



Tgt Ion:178 Resp: 1138979
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.5 18.7
 176 18.7 14.8 22.2

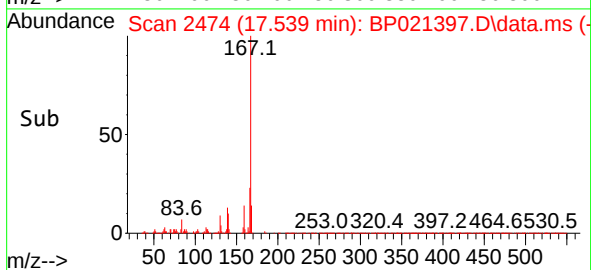
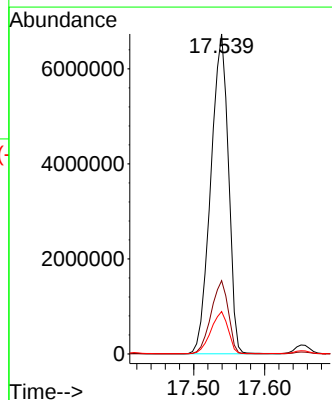
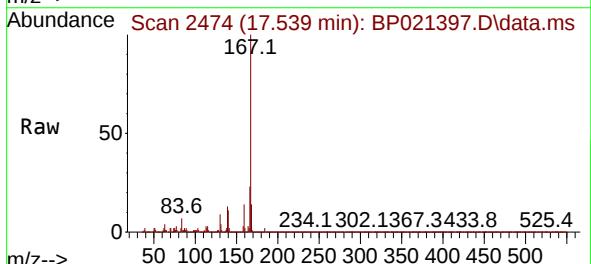
Manual Integrations
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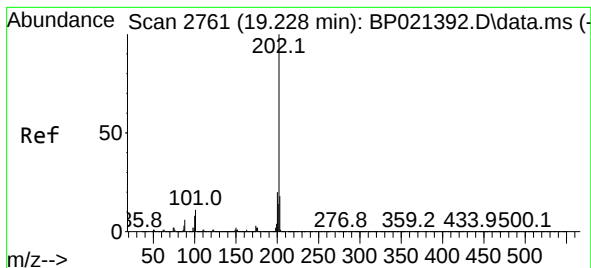
Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/09/2024



#77
 Carbazole
 Concen: 243.407 ng/u1
 RT: 17.539 min Scan# 2474
 Delta R.T. 0.018 min
 Lab File: BP021397.D
 Acq: 06 Aug 2024 19:20

Tgt Ion:167 Resp:11575882
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.3 25.9
 139 13.2 10.2 15.2





#80

Fluoranthene

Concen: 10.785 ng/u1

RT: 19.222 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP021397.D

Acq: 06 Aug 2024 19:20

Instrument :

BNA_P

ClientSampleId :

C0AY7

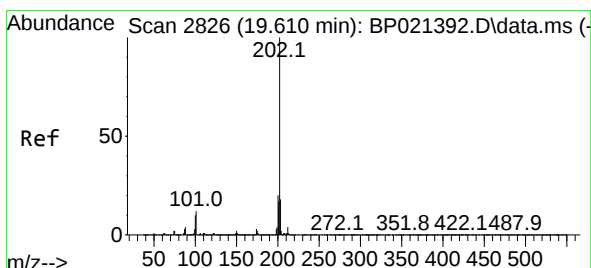
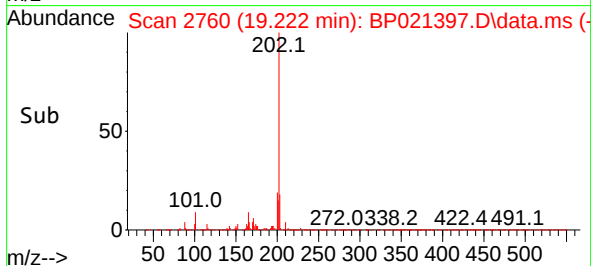
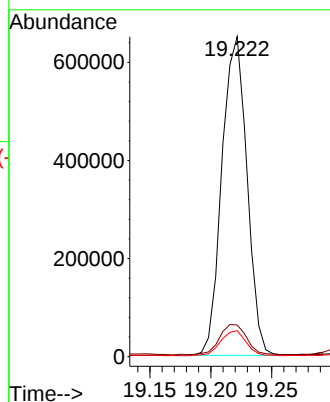
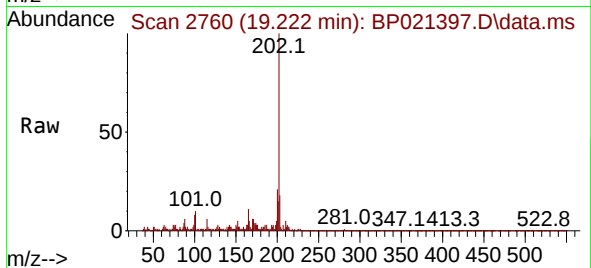
Tgt Ion:	202	Resp:	93069
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.0	12.0
100	8.1	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/09/2024



#82

Pyrene

Concen: 6.155 ng/u1

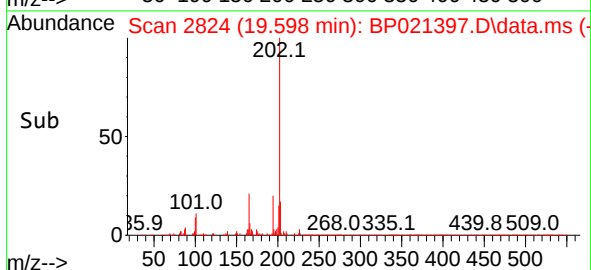
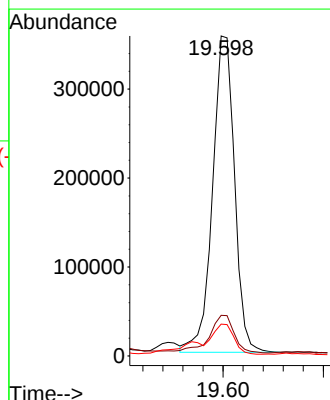
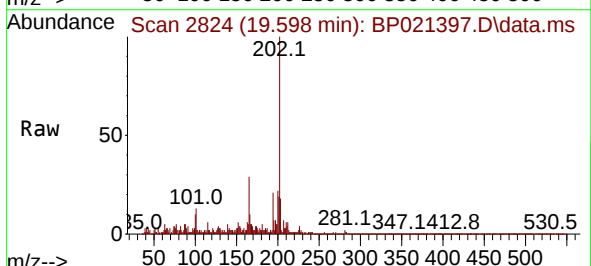
RT: 19.598 min Scan# 2824

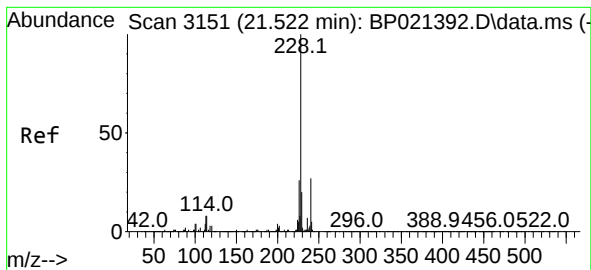
Delta R.T. -0.011 min

Lab File: BP021397.D

Acq: 06 Aug 2024 19:20

Tgt Ion:	202	Resp:	540511
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.4	14.2
100	9.9	7.8	11.6





#85

Benzo(a)anthracene

Concen: 1.317 ng/ul

RT: 21.510 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BP021397.D

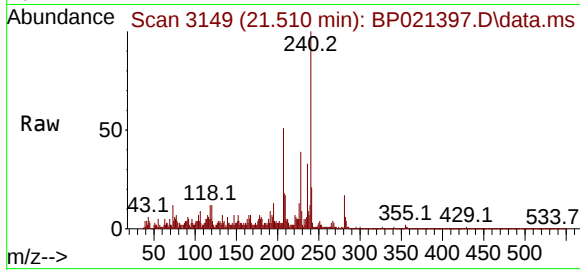
Acq: 06 Aug 2024 19:20

Instrument :

BNA_P

ClientSampleId :

C0AY7



Tgt Ion:228 Resp: 106600

Ion Ratio Lower Upper

228 100

229 23.8 15.5 23.3

226 33.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/09/2024

