

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021441.D
 Acq On : 08 Aug 2024 07:58
 Operator : CG/JU
 Sample : P3378-02DL2 30X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AX7DL2

Quant Time: Aug 08 08:39:10 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	120573	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.369	136	541626	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.251	164	307429	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.068	188	725831	20.000	ng/u1	-0.02
79) Chrysene-d12	21.515	240	889460	20.000	ng/u1	-0.02
88) Perylene-d12	24.809	264	1005368	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.028	67	4738m	0.795	ng/u1	0.05
11) 2-Chlorophenol-d4	7.304	132	6030m	0.745	ng/u1	0.12
15) 4-Methylphenol-d8	8.492	113	4245m	0.520	ng/u1	0.13
21) Nitrobenzene-d5	8.869	128	3168m	0.753	ng/u1	0.08
24) 2-Nitrophenol-d4	9.557	143	2952m	0.613	ng/u1	0.05
28) 2,4-Dichlorophenol-d3	10.169	165	6816m	0.783	ng/u1	0.12
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.686	166	20389	0.912	ng/u1	0.00
49) Acenaphthylene-d8	13.945	160	19472	0.776	ng/u1	-0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.274	176	18710	1.020	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.186	188	32031	0.994	ng/u1	0.00
81) Pyrene-d10	19.562	212	44233	0.804	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.592	264	43364	0.875	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.422	128	3065081	107.585	ng/u1	99
36) 2-Methylnaphthalene	12.051	142	175906	8.995	ng/u1	97
37) 1-Methylnaphthalene	12.269	142	261668	13.010	ng/u1	96
43) 1,1'-Biphenyl	13.086	154	58010	2.582	ng/u1	99
52) Acenaphthene	14.310	153	341793	18.125	ng/u1	99
56) Dibenzofuran	14.669	168	258128	9.996	ng/u1	99
61) Fluorene	15.333	166	199723	9.478	ng/u1	99
72) Phenanthrene	17.110	178	455106	12.087	ng/u1	100
74) Anthracene	17.227	178	44657	1.163	ng/u1	99
77) Carbazole	17.515	167	292373	9.317	ng/u1	100
80) Fluoranthene	19.221	202	203892	3.070	ng/u1	97
82) Pyrene	19.598	202	138209	2.045	ng/u1	97

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

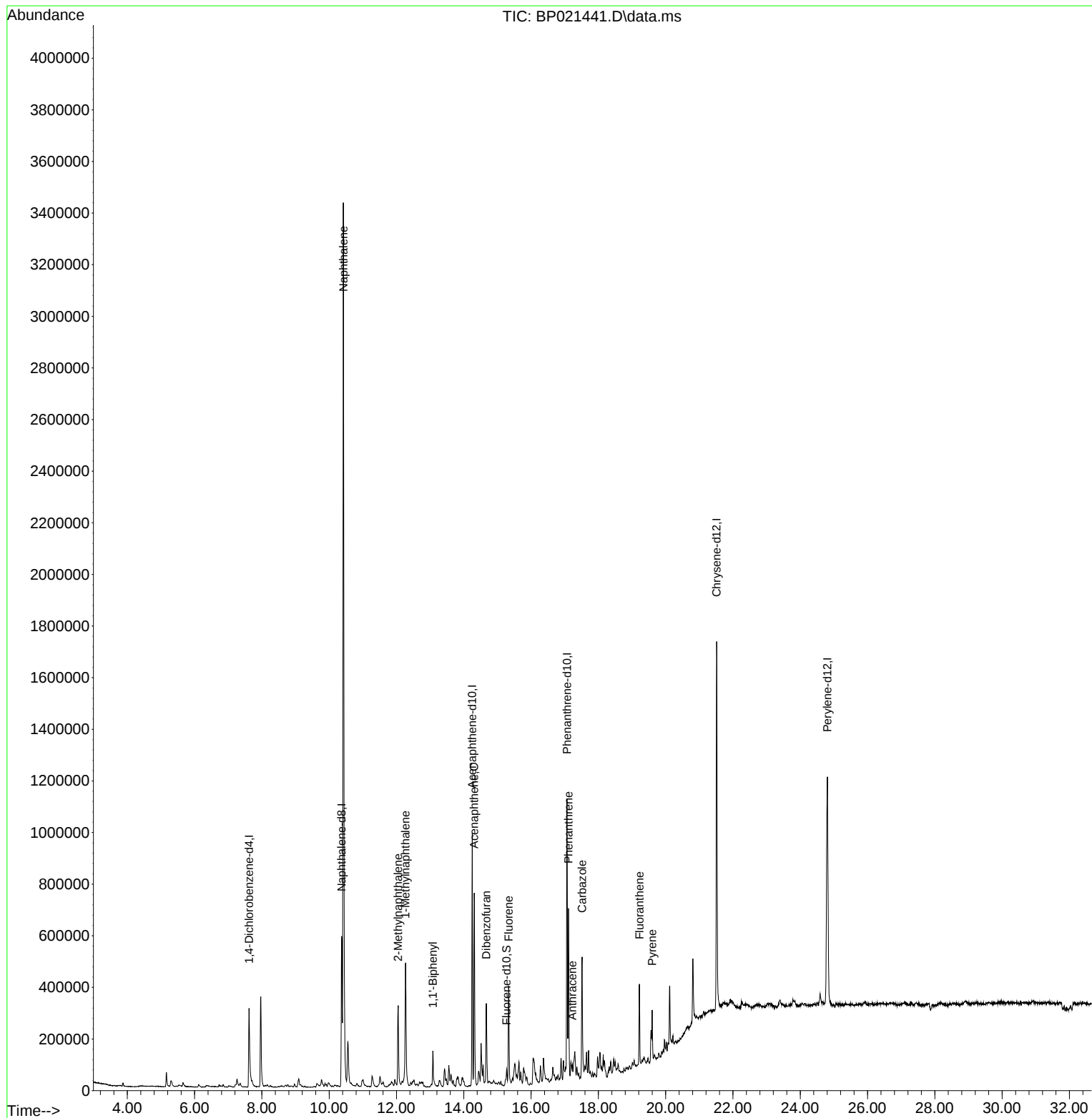
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021441.D
Acq On : 08 Aug 2024 07:58
Operator : CG/JU
Sample : P3378-02DL2 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

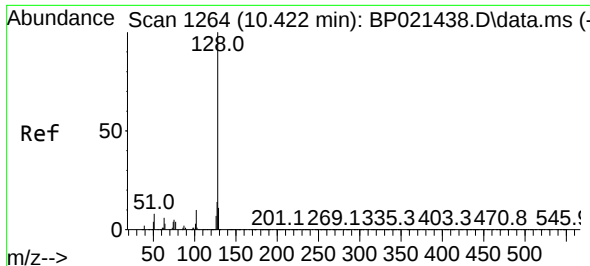
Instrument :
BNA_P
ClientSampleId :
C0AX7DL2

Quant Time: Aug 08 08:39:10 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

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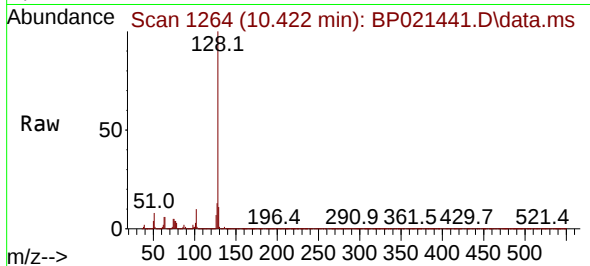
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024





#30
Naphthalene
Concen: 107.585 ng/ul
RT: 10.422 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58

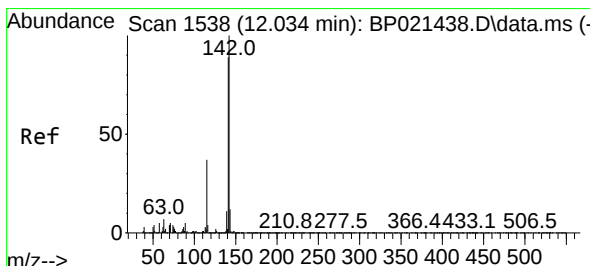
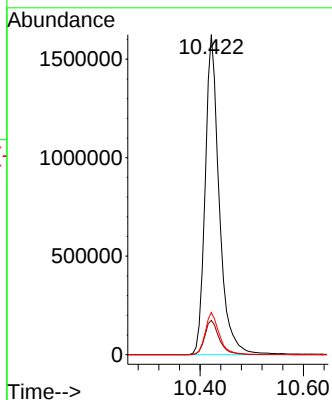
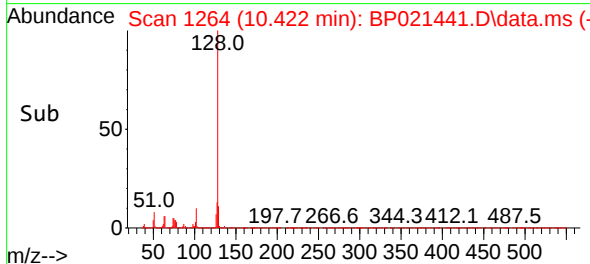
Instrument :
BNA_P
ClientSampleId :
C0AX7DL2



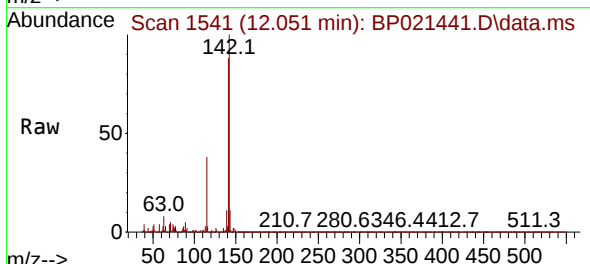
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Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.8 16.2

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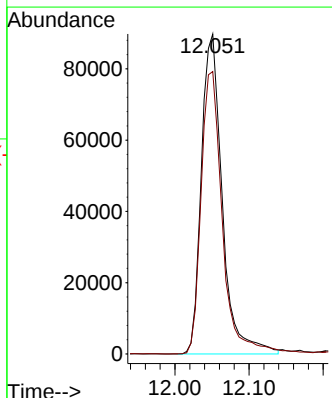
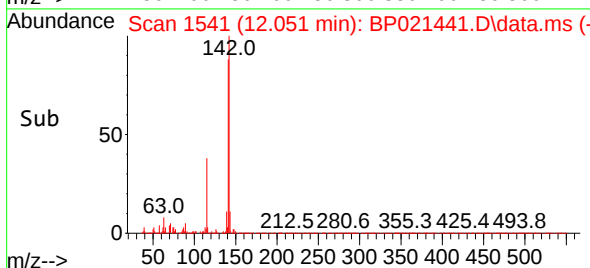
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

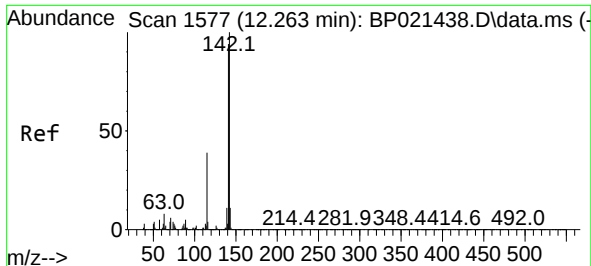


#36
2-Methylnaphthalene
Concen: 8.995 ng/ul
RT: 12.051 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58



Tgt Ion:142 Resp: 175906
Ion Ratio Lower Upper
142 100
141 88.3 72.6 108.8





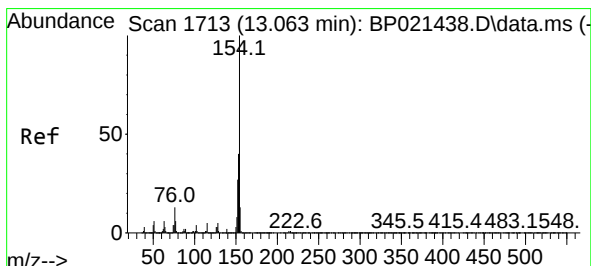
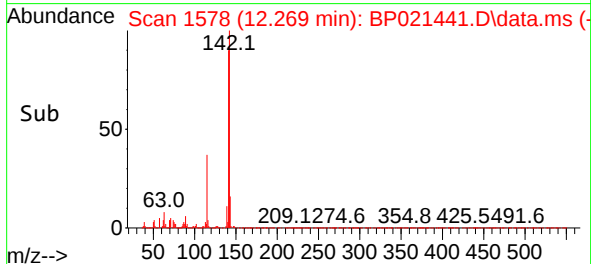
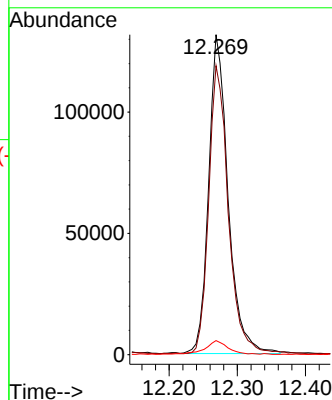
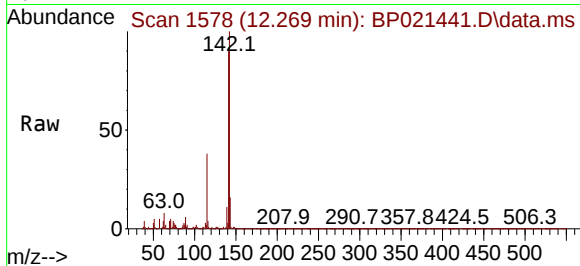
#37
1-Methylnaphthalene
Concen: 13.010 ng/ul
RT: 12.269 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58

Instrument :
BNA_P
ClientSampleId :
C0AX7DL2

Tgt Ion:142 Resp: 26166
Ion Ratio Lower Upper
142 100
141 90.3 75.0 112.6
116 4.4 3.2 4.8

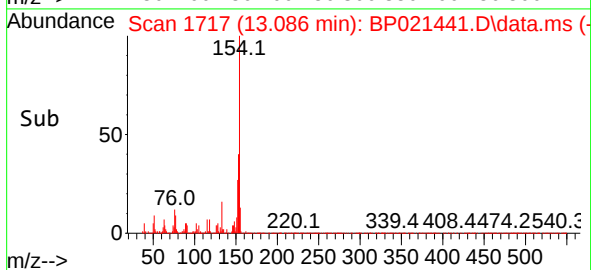
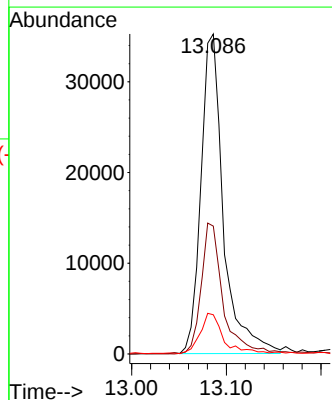
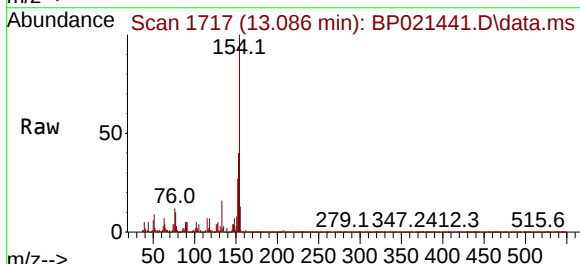
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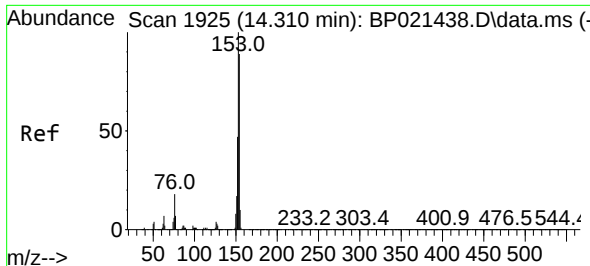
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#43
1,1'-Biphenyl
Concen: 2.582 ng/ul
RT: 13.086 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58

Tgt Ion:154 Resp: 58010
Ion Ratio Lower Upper
154 100
153 39.9 32.7 49.1
76 12.2 9.4 14.2





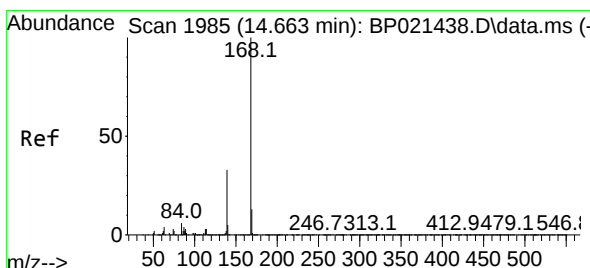
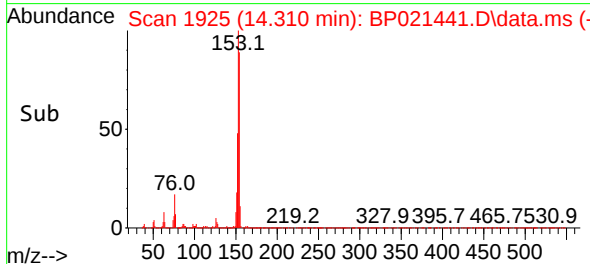
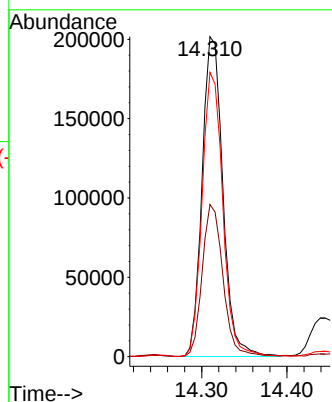
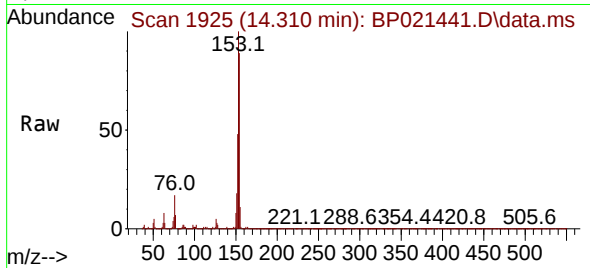
#52
Acenaphthene
Concen: 18.125 ng/ul
RT: 14.310 min Scan# 1925
Delta R.T. -0.029 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58

Instrument :
BNA_P
ClientSampleId :
C0AX7DL2

Tgt Ion:153 Resp: 34179
Ion Ratio Lower Upper
153 100
152 47.6 37.8 56.6
154 88.9 71.8 107.6

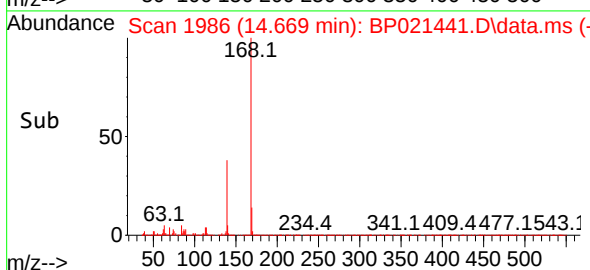
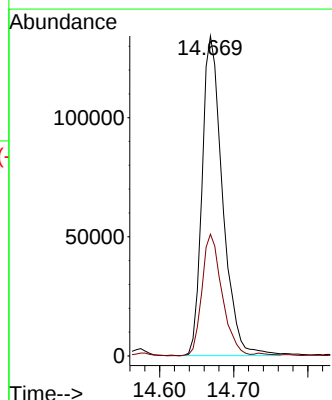
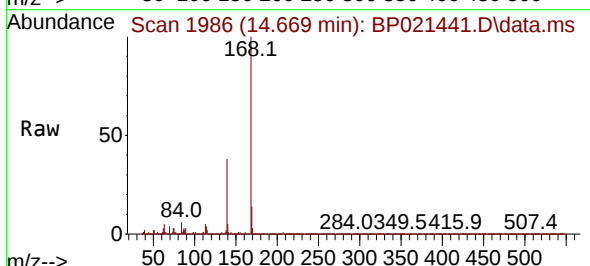
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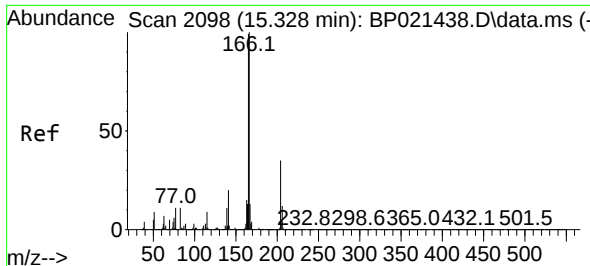
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#56
Dibenzofuran
Concen: 9.996 ng/ul
RT: 14.669 min Scan# 1986
Delta R.T. -0.018 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58

Tgt Ion:168 Resp: 258128
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7





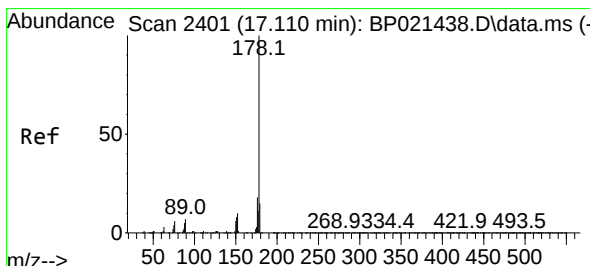
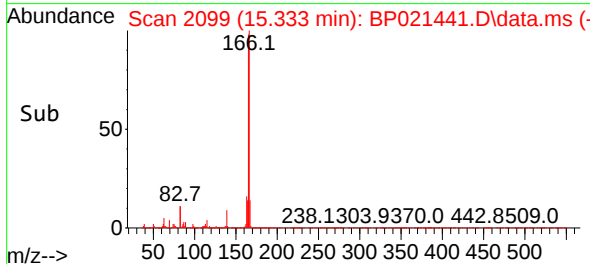
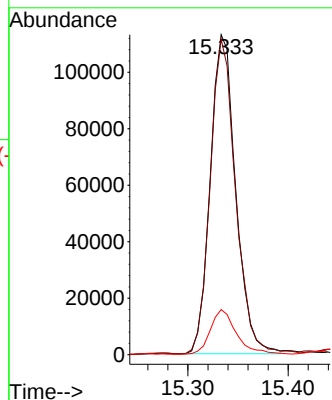
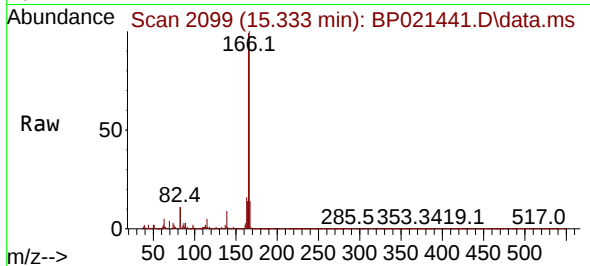
#61
Fluorene
Concen: 9.478 ng/ul
RT: 15.333 min Scan# 2099
Delta R.T. -0.012 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58

Instrument :
BNA_P
ClientSampleId :
C0AX7DL2

Tgt Ion:166 Resp: 19972
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 14.1 10.9 16.3

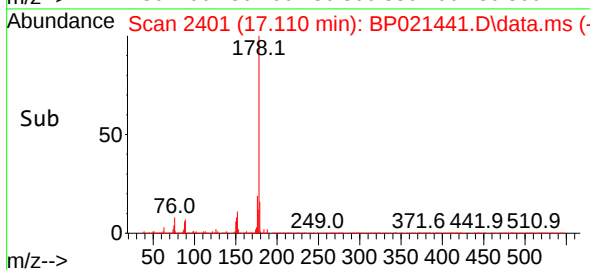
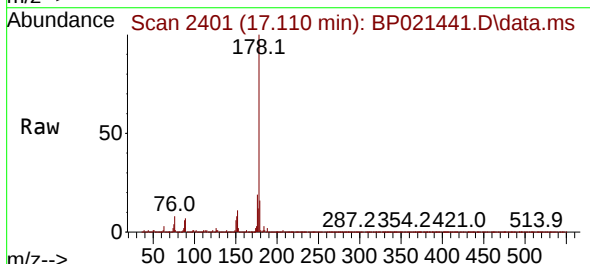
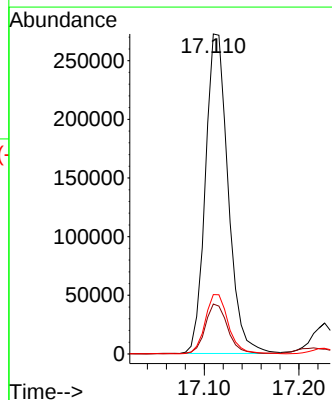
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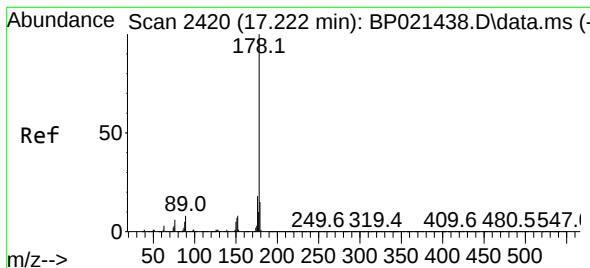
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#72
Phenanthrene
Concen: 12.087 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.024 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58

Tgt Ion:178 Resp: 455106
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.6 15.0 22.4





#74

Anthracene

Concen: 1.163 ng/ul

RT: 17.227 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BP021441.D

Acq: 08 Aug 2024 07:58

Instrument :

BNA_P

ClientSampleId :

C0AX7DL2

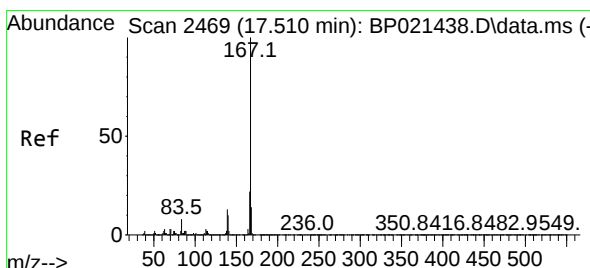
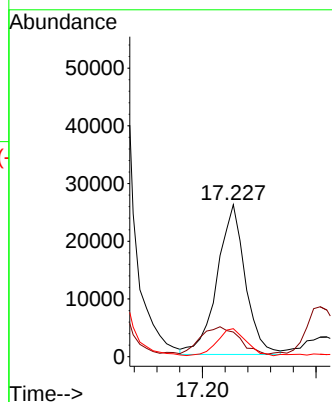
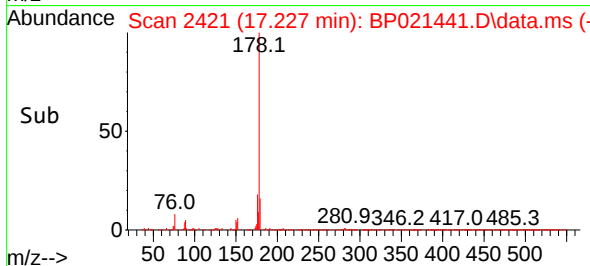
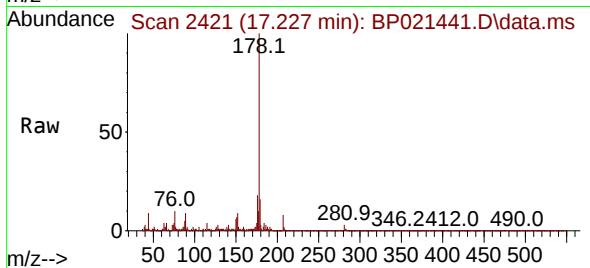
Tgt Ion:178	Resp: 4465
Ion Ratio	Lower Upper
178 100	
179 16.2	12.5 18.7
176 18.4	14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#77

Carbazole

Concen: 9.317 ng/ul

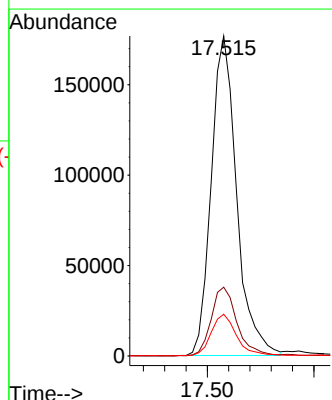
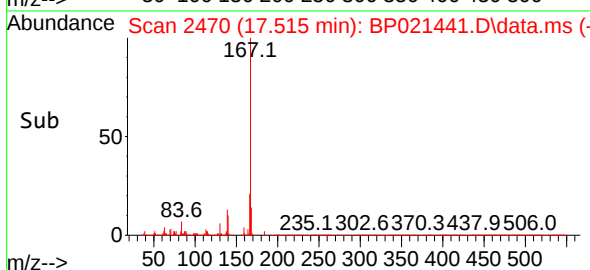
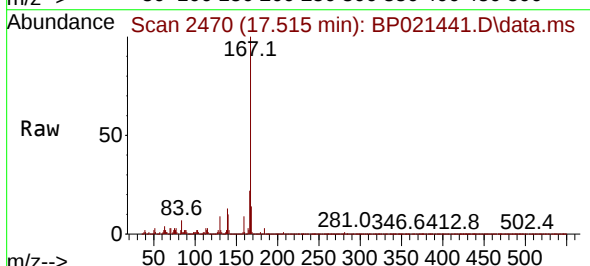
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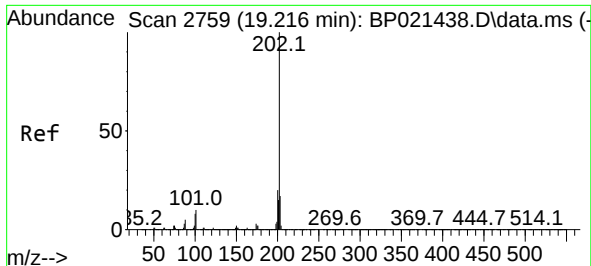
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Lab File: BP021441.D

Acq: 08 Aug 2024 07:58

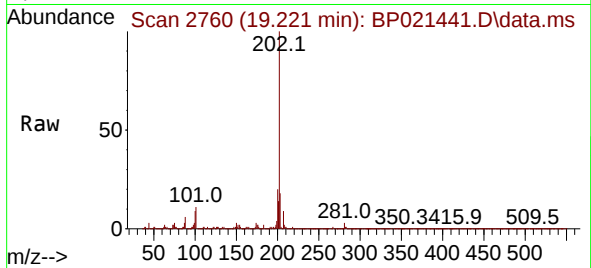
Tgt Ion:167	Resp: 292373
Ion Ratio	Lower Upper
167 100	
166 21.5	17.3 25.9
139 13.0	10.2 15.2





#80
Fluoranthene
Concen: 3.070 ng/ul
RT: 19.221 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58

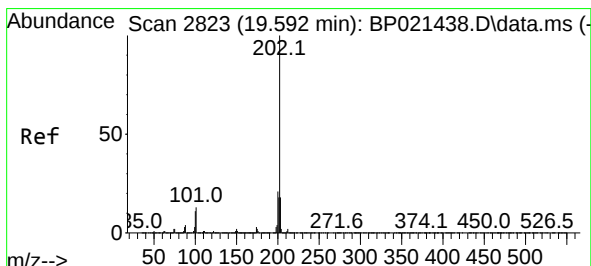
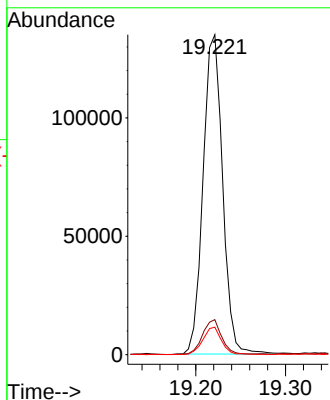
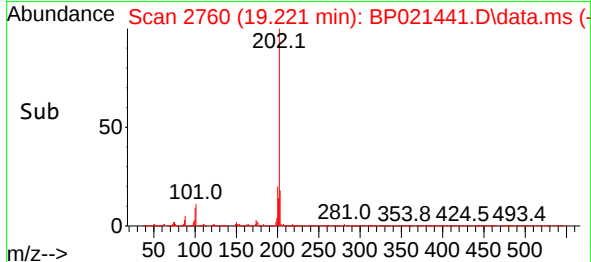
Instrument :
BNA_P
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C0AX7DL2



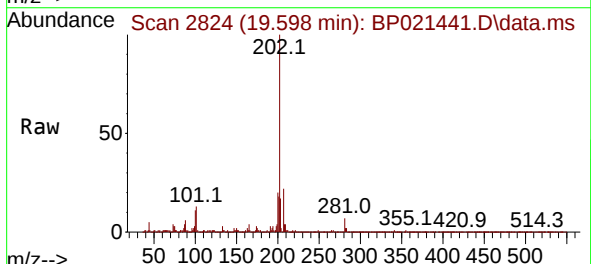
Tgt Ion:202 Resp: 203892
Ion Ratio Lower Upper
202 100
101 10.9 8.0 12.0
100 8.6 6.1 9.1

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



#82
Pyrene
Concen: 2.045 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BP021441.D
Acq: 08 Aug 2024 07:58



Tgt Ion:202 Resp: 138209
Ion Ratio Lower Upper
202 100
101 12.6 9.4 14.2
100 11.0 7.8 11.6

