

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021421.D
 Acq On : 07 Aug 2024 15:36
 Operator : CG/JU
 Sample : P3329-04DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E03DL2

Quant Time: Aug 08 05:07:51 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	7.622	152	148214	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.375	136	636741	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.263	164	428909	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	947569	20.000	ng/u1	-0.01
79) Chrysene-d12	21.516	240	996931	20.000	ng/u1	-0.02
88) Perylene-d12	24.798	264	1133547	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	765	0.235	ng/uL	-0.01
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...	7.022	67	10280m	1.404	ng/u1	0.04
11) 2-Chlorophenol-d4	7.252	132	10246m	1.029	ng/u1	0.07
15) 4-Methylphenol-d8	8.475	113	11267m	1.123	ng/u1	0.11
21) Nitrobenzene-d5	8.846	128	3961	0.801	ng/u1	0.05
24) 2-Nitrophenol-d4	9.534	143	5416m	0.957	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.169	165	12006m	1.173	ng/u1	0.12
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.681	166	42711	1.370	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	41052	1.173	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.275	176	37184	1.454	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.180	188	59050	1.403	ng/u1	-0.01
81) Pyrene-d10	19.563	212	77382	1.256	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.586	264	76435	1.367	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.428	128	4885505	145.866	ng/u1	100
36) 2-Methylnaphthalene	12.057	142	828327	36.029	ng/u1	100
37) 1-Methylnaphthalene	12.269	142	379332	16.042	ng/u1	98
43) 1,1'-Biphenyl	13.087	154	191502	6.109	ng/u1	98
52) Acenaphthene	14.328	153	574912	21.852	ng/u1	99
56) Dibenzofuran	14.675	168	685526	19.027	ng/u1	99
61) Fluorene	15.334	166	676675	23.016	ng/u1	99
72) Phenanthrene	17.122	178	2784561	56.647	ng/u1	99
74) Anthracene	17.216	178	1130707	22.563	ng/u1	98
77) Carbazole	17.528	167	594066	14.502	ng/u1	99
80) Fluoranthene	19.216	202	1735271	23.313	ng/u1	99
82) Pyrene	19.598	202	1197777	15.814	ng/u1	99
85) Benzo(a)anthracene	21.498	228	390922m	5.598	ng/u1	
87) Chrysene	21.563	228	310730	4.788	ng/u1	96
90) Benzo(b)fluoranthene	23.780	252	197377	2.869	ng/u1	95
91) Benzo(k)fluoranthene	23.839	252	80006m	1.165	ng/u1	
93) Benzo(a)pyrene	24.645	252	117400	1.806	ng/u1#	91

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

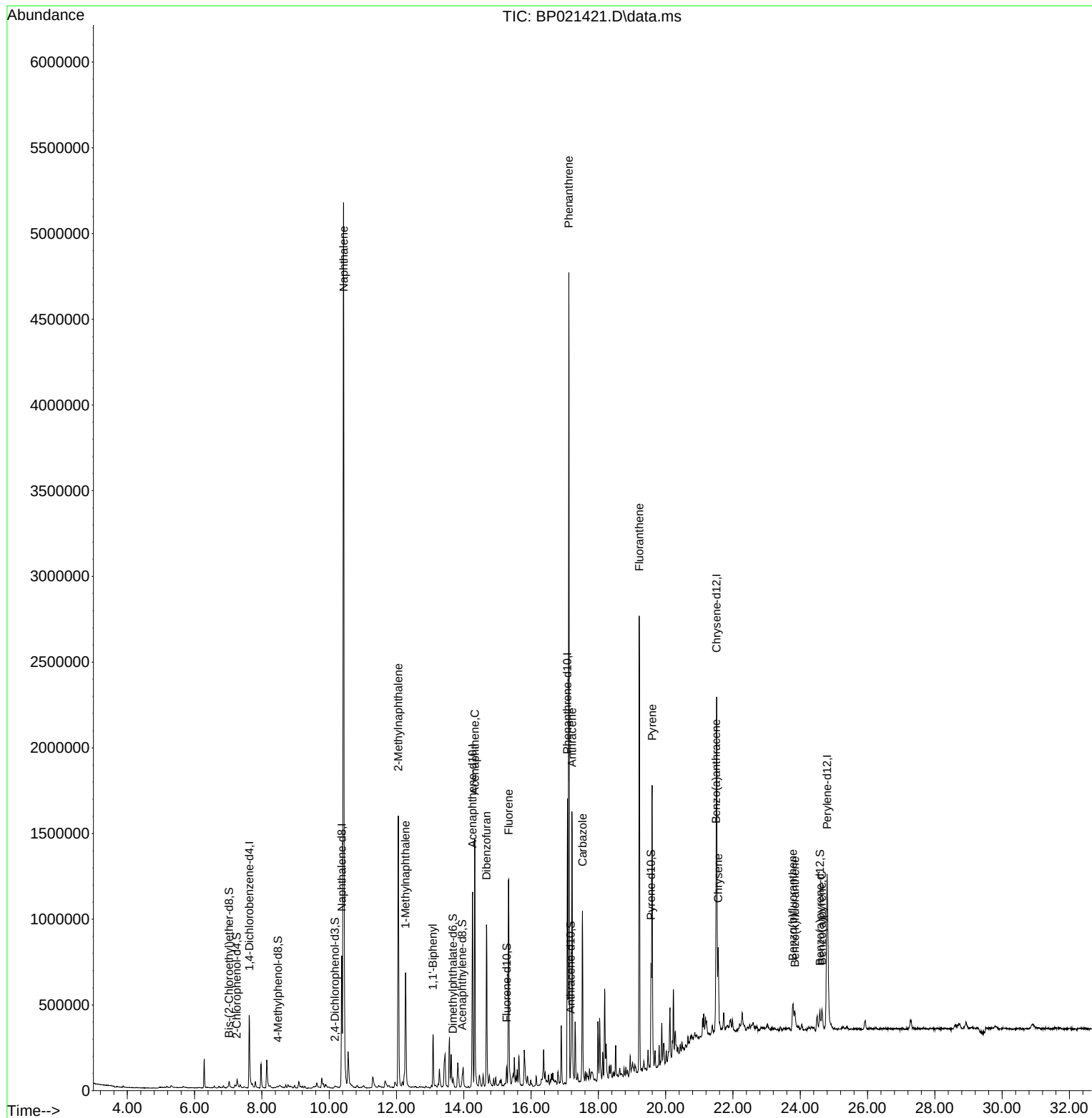
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021421.D
Acq On : 07 Aug 2024 15:36
Operator : CG/JU
Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

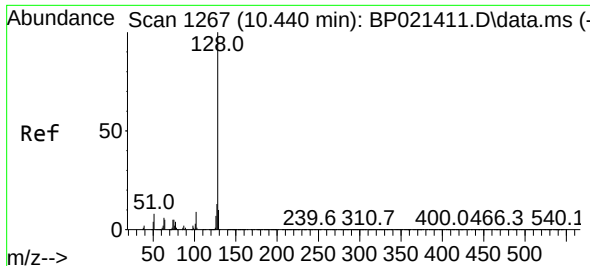
Instrument :
BNA_P
ClientSampleId :
F7E03DL2

Quant Time: Aug 08 05:07:51 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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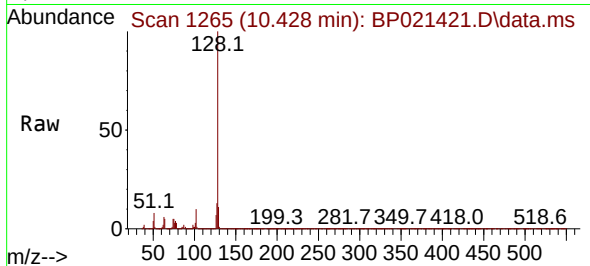
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024





#30
Naphthalene
Concen: 145.866 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.011 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

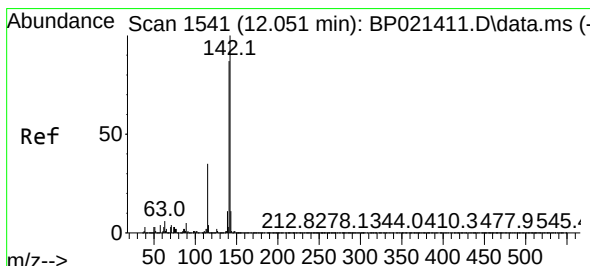
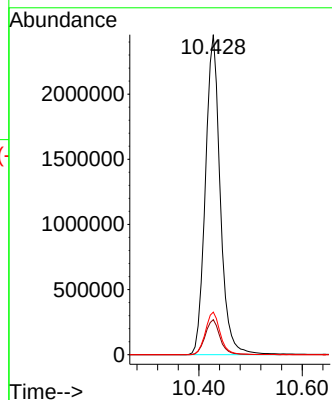
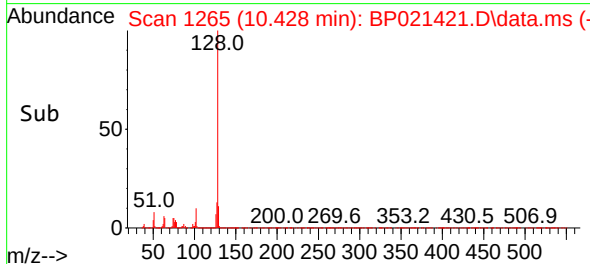
Instrument :
BNA_P
ClientSampleId :
F7E03DL2



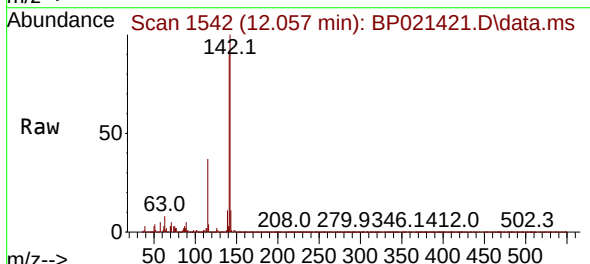
Tgt Ion:128 Resp: 488550
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.8 16.2

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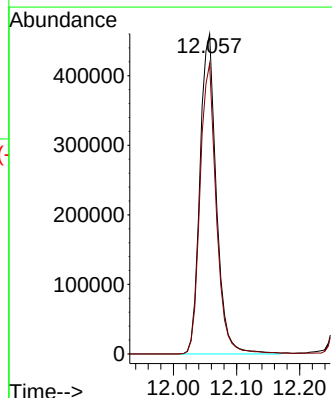
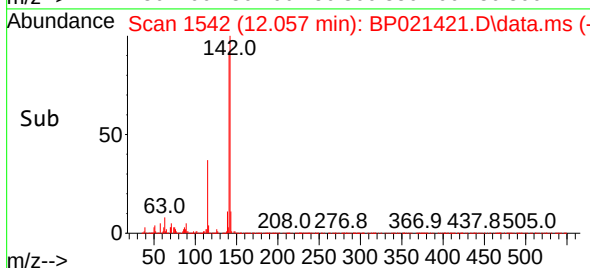
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

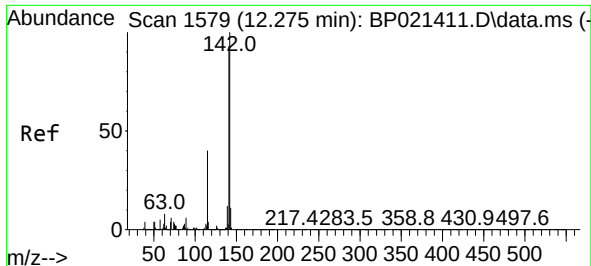


#36
2-Methylnaphthalene
Concen: 36.029 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36



Tgt Ion:142 Resp: 828327
Ion Ratio Lower Upper
142 100
141 90.7 72.6 108.8





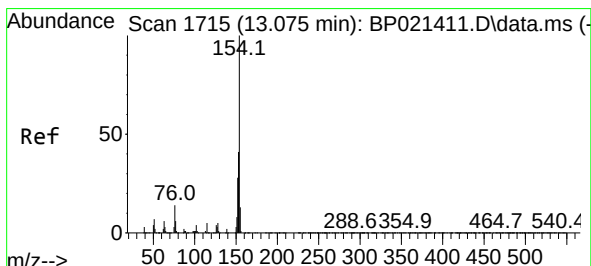
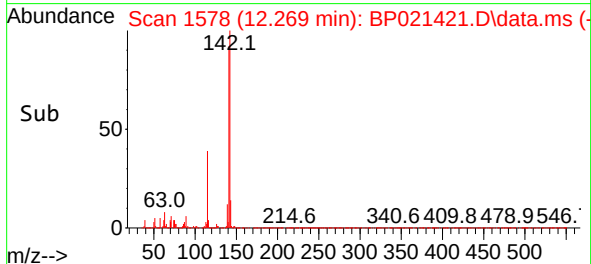
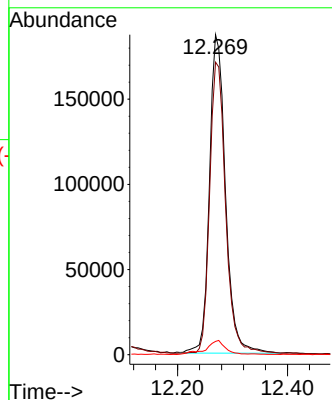
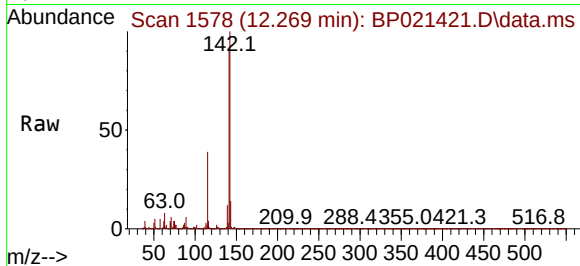
#37
1-Methylnaphthalene
Concen: 16.042 ng/ul
RT: 12.269 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

Instrument :
BNA_P
ClientSampleId :
F7E03DL2

Tgt Ion:142 Resp: 37933
Ion Ratio Lower Upper
142 100
141 91.4 75.0 112.6
116 4.1 3.2 4.8

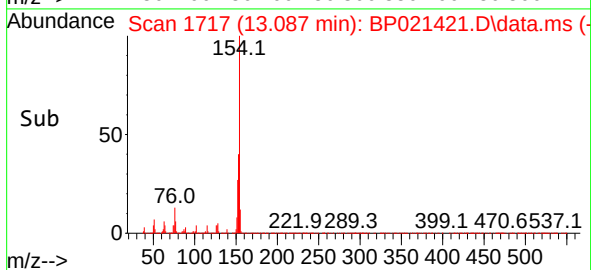
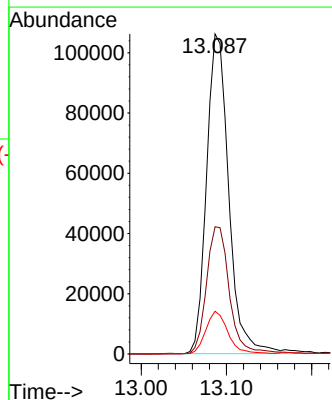
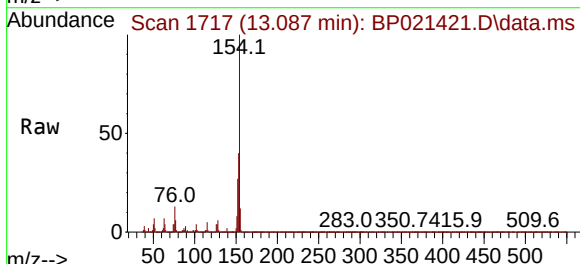
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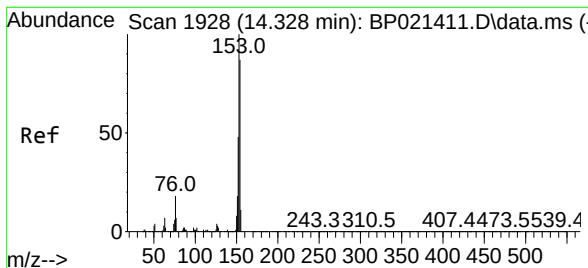
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#43
1,1'-Biphenyl
Concen: 6.109 ng/ul
RT: 13.087 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

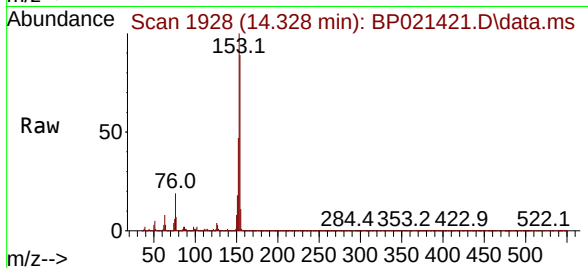
Tgt Ion:154 Resp: 191502
Ion Ratio Lower Upper
154 100
153 39.7 32.7 49.1
76 13.4 9.4 14.2





#52
Acenaphthene
Concen: 21.852 ng/u1
RT: 14.328 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

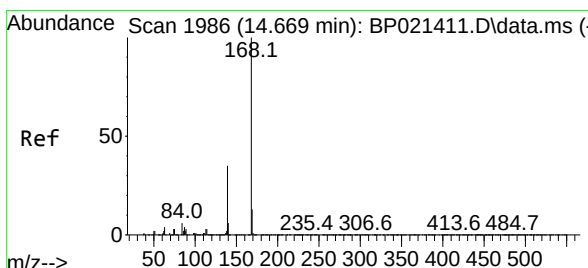
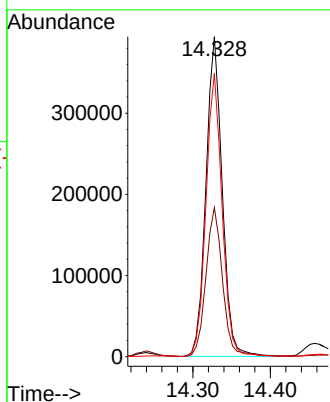
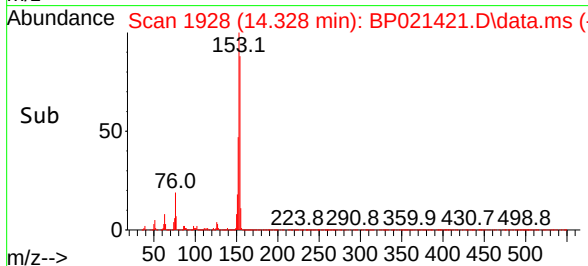
Instrument :
BNA_P
ClientSampleId :
F7E03DL2



Tgt Ion:153 Resp: 574912
Ion Ratio Lower Upper
153 100
152 46.6 37.8 56.6
154 88.5 71.8 107.6

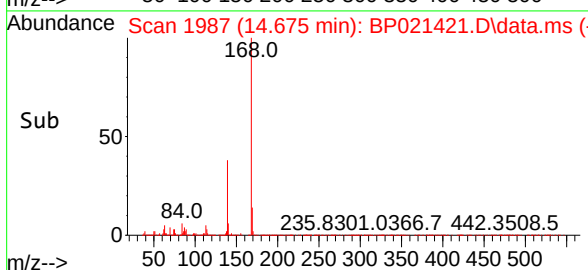
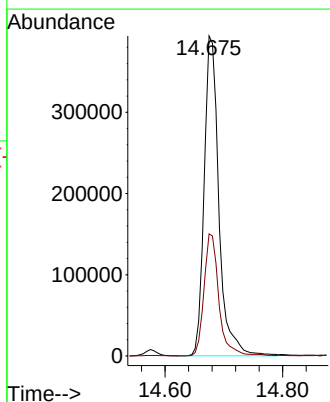
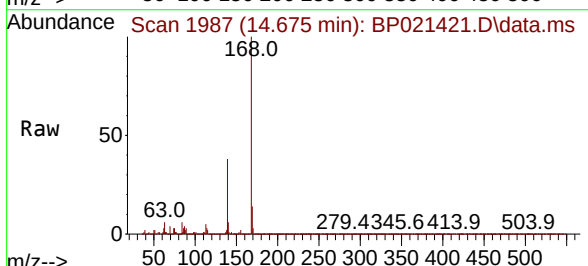
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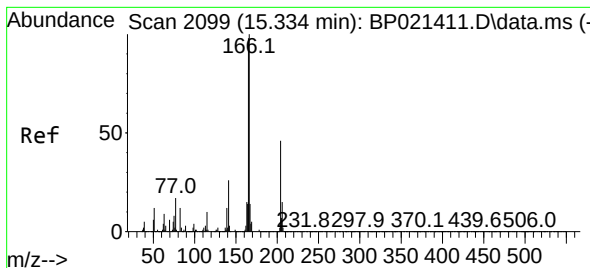
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#56
Dibenzofuran
Concen: 19.027 ng/u1
RT: 14.675 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

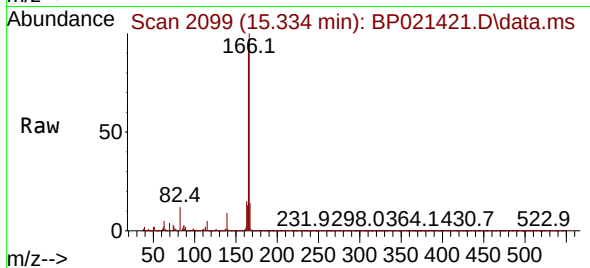
Tgt Ion:168 Resp: 685526
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7





#61
Fluorene
Concen: 23.016 ng/u1
RT: 15.334 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

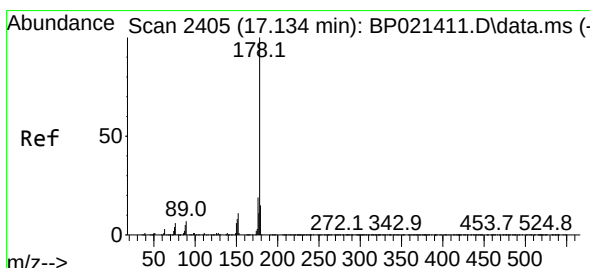
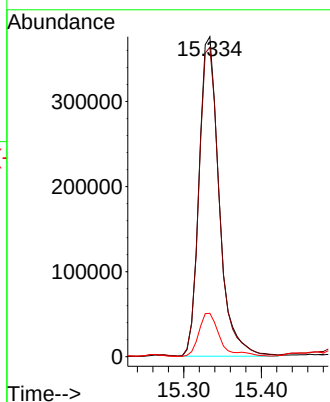
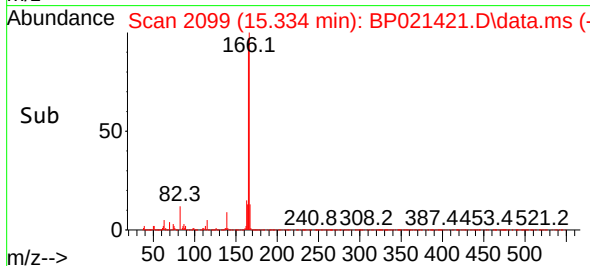
Instrument :
BNA_P
ClientSampleId :
F7E03DL2



Tgt Ion:166 Resp: 676679
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.5 10.9 16.3

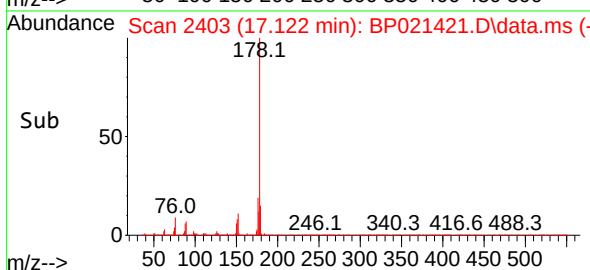
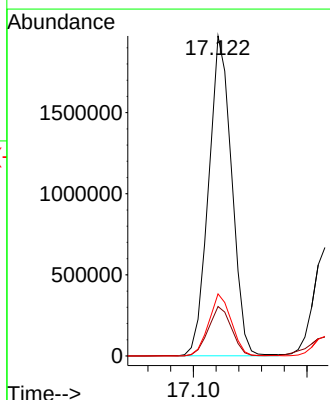
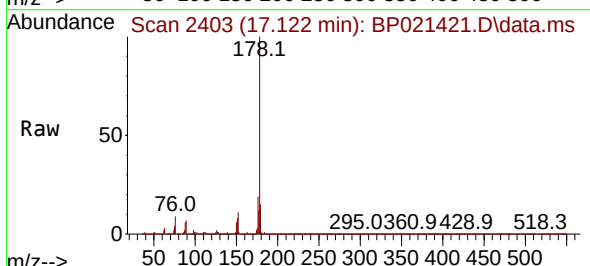
Manual Integrations
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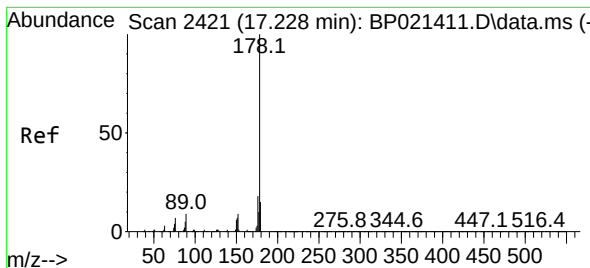
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#72
Phenanthrene
Concen: 56.647 ng/u1
RT: 17.122 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

Tgt Ion:178 Resp: 2784561
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.4 15.0 22.4





#74

Anthracene

Concen: 22.563 ng/u1

RT: 17.216 min Scan# 2419

Delta R.T. -0.017 min

Lab File: BP021421.D

Acq: 07 Aug 2024 15:36

Instrument :

BNA_P

ClientSampleId :

F7E03DL2

Tgt Ion:178 Resp: 113070

Ion Ratio Lower Upper

178 100

179 17.5 12.5 18.7

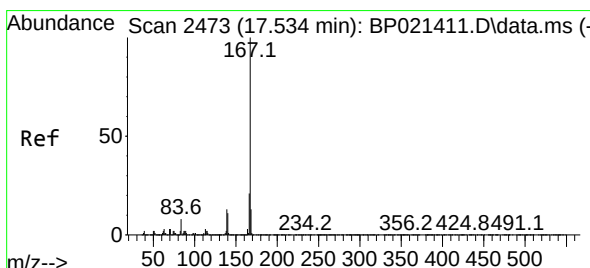
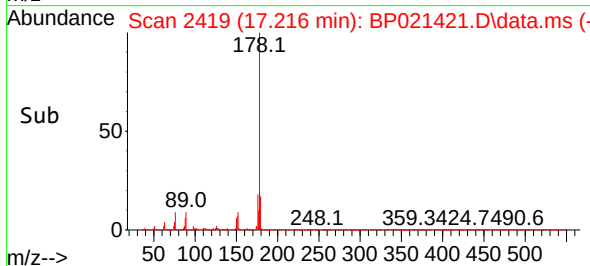
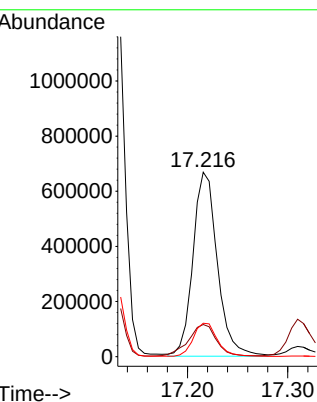
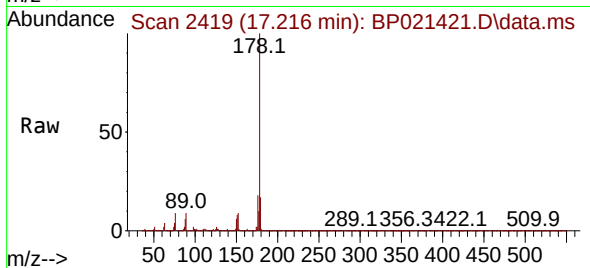
176 18.2 14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#77

Carbazole

Concen: 14.502 ng/u1

RT: 17.528 min Scan# 2472

Delta R.T. 0.006 min

Lab File: BP021421.D

Acq: 07 Aug 2024 15:36

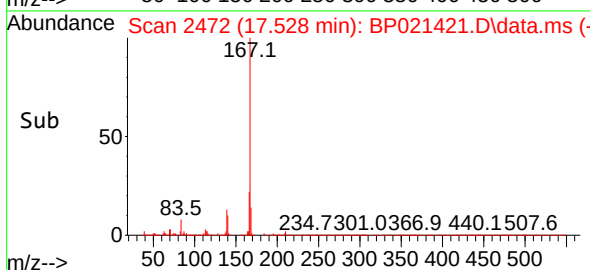
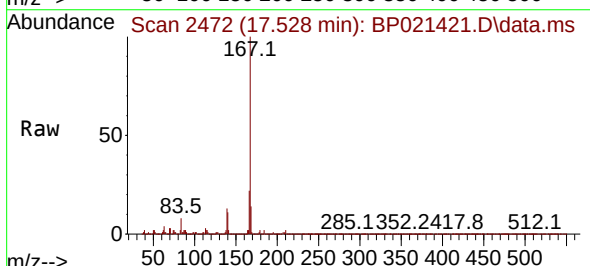
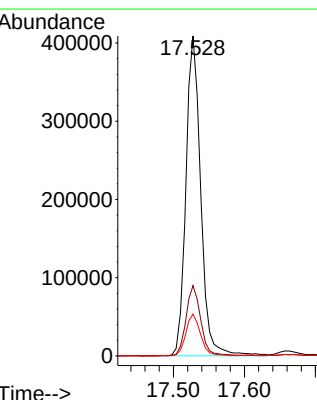
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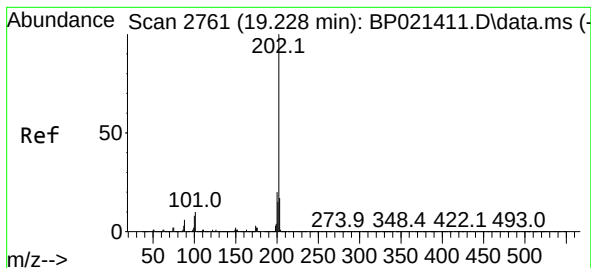
Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

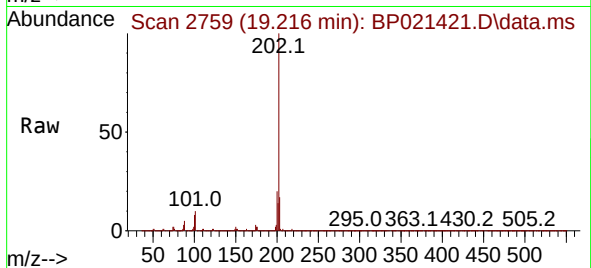
139 13.1 10.2 15.2





#80
Fluoranthene
Concen: 23.313 ng/ul
RT: 19.216 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

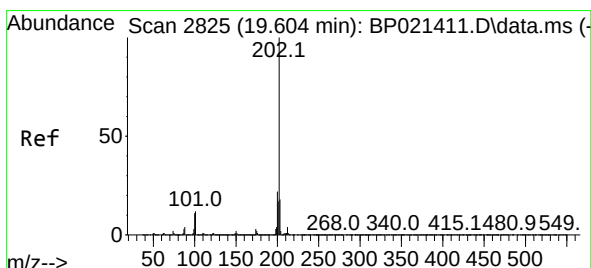
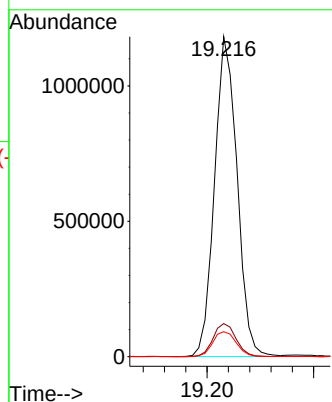
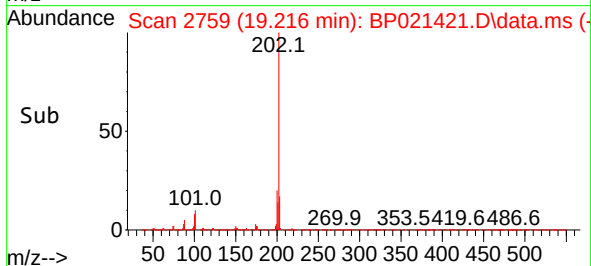
Instrument :
BNA_P
ClientSampleId :
F7E03DL2



Tgt Ion:202 Resp: 173527
Ion Ratio Lower Upper
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101 10.3 8.0 12.0
100 7.8 6.1 9.1

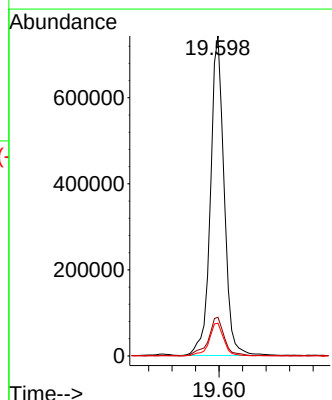
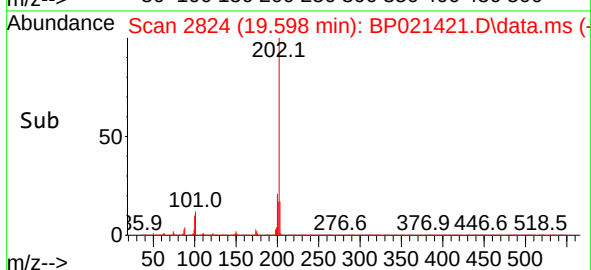
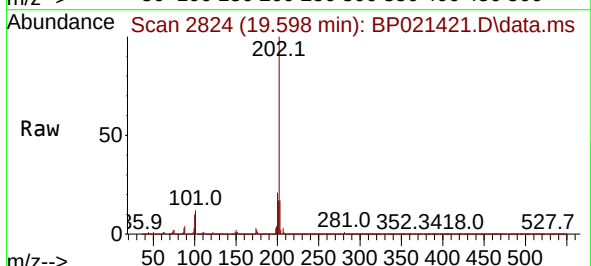
Manual Integrations
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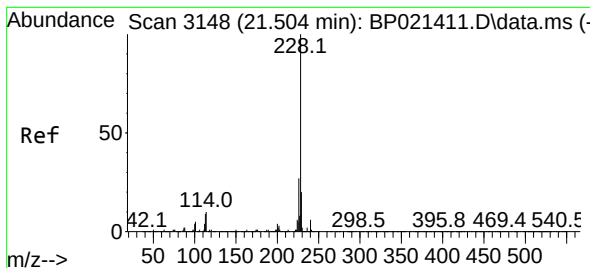
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#82
Pyrene
Concen: 15.814 ng/ul
RT: 19.598 min Scan# 2824
Delta R.T. -0.011 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

Tgt Ion:202 Resp: 1197777
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 10.2 7.8 11.6





#85

Benzo(a)anthracene

Concen: 5.598 ng/ul m

RT: 21.498 min Scan# 3148

Delta R.T. -0.011 min

Lab File: BP021421.D

Acq: 07 Aug 2024 15:36

Instrument :

BNA_P

ClientSampleId :

F7E03DL2

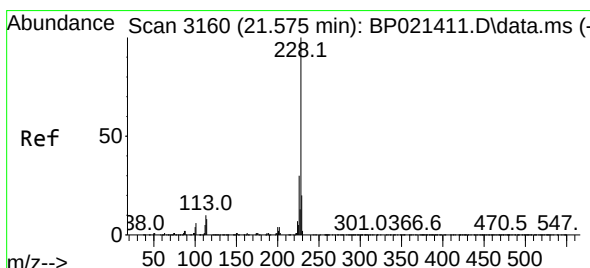
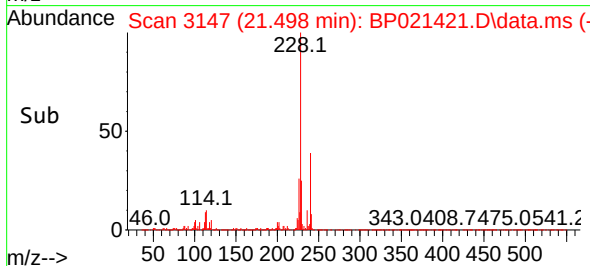
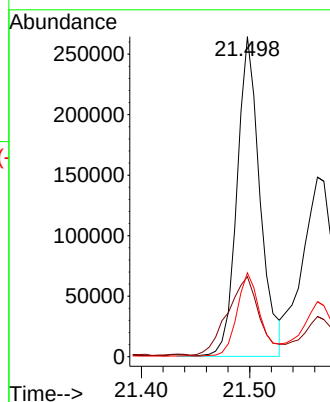
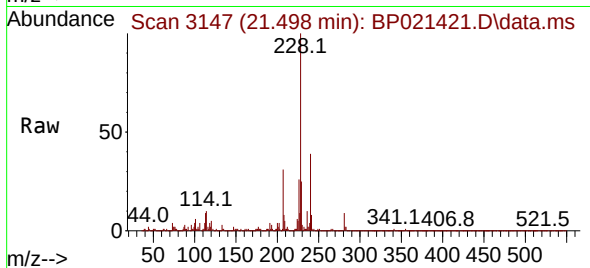
Tgt Ion:228 Resp: 390922
 Ion Ratio Lower Upper
 228 100
 229 25.0 15.5 23.3
 226 26.2 21.4 32.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#87

Chrysene

Concen: 4.788 ng/ul

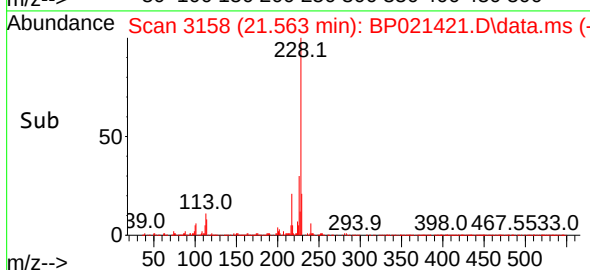
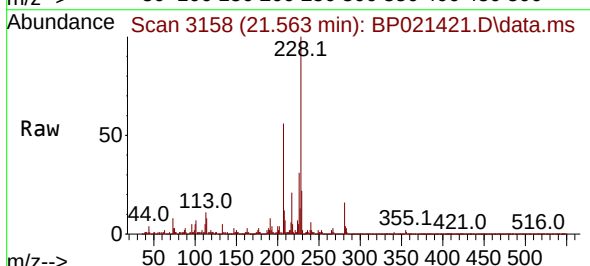
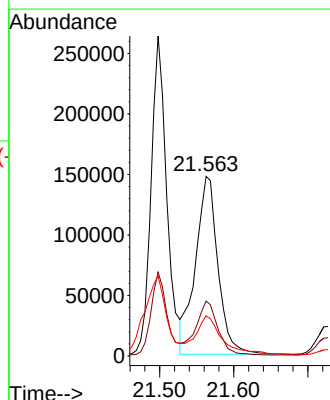
RT: 21.563 min Scan# 3158

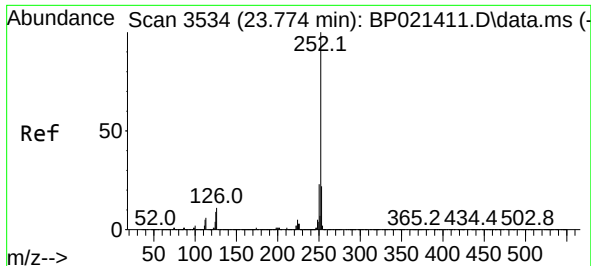
Delta R.T. -0.023 min

Lab File: BP021421.D

Acq: 07 Aug 2024 15:36

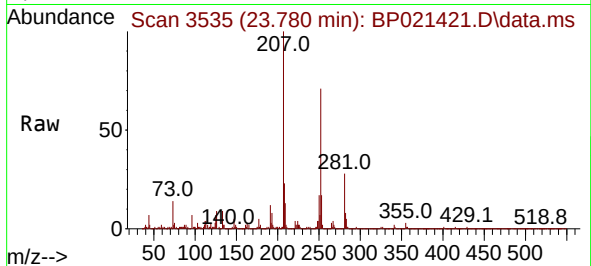
Tgt Ion:228 Resp: 310730
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.6 35.4
 229 22.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.869 ng/ul
RT: 23.780 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

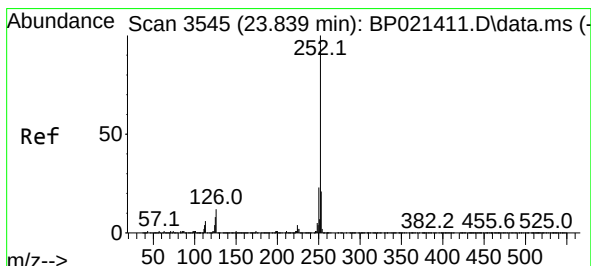
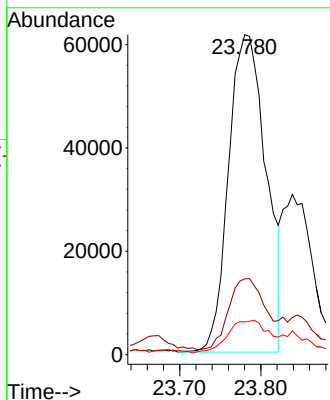
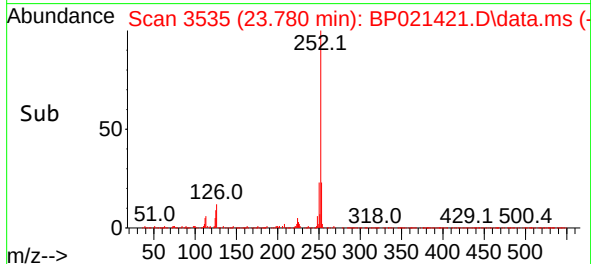
Instrument :
BNA_P
ClientSampleId :
F7E03DL2



Tgt Ion:252 Resp: 19737
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 10.3 7.0 10.4

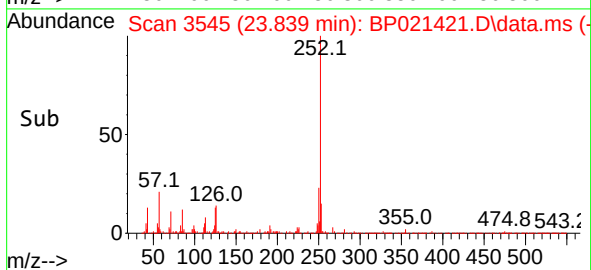
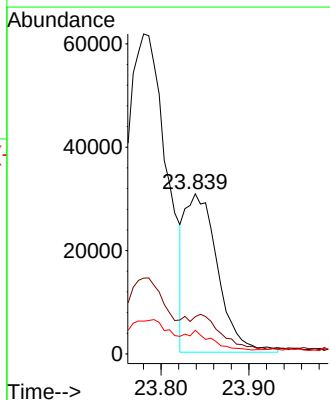
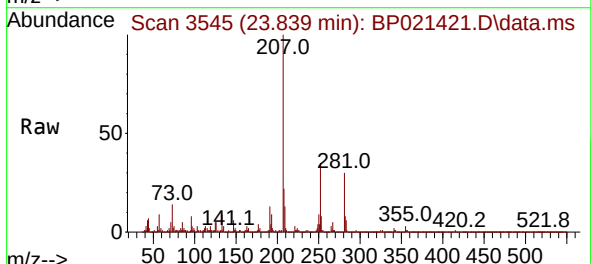
Manual Integrations
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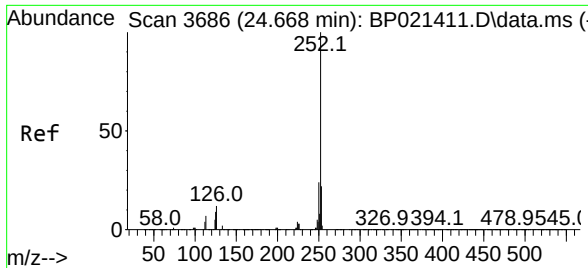
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#91
Benzo(k)fluoranthene
Concen: 1.165 ng/ul m
RT: 23.839 min Scan# 3545
Delta R.T. -0.011 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

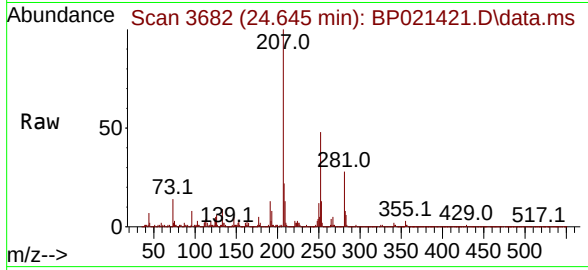
Tgt Ion:252 Resp: 80006
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 14.8 7.4 11.0#





#93
Benzo(a)pyrene
Concen: 1.806 ng/ul
RT: 24.645 min Scan# 30
Delta R.T. -0.035 min
Lab File: BP021421.D
Acq: 07 Aug 2024 15:36

Instrument :
BNA_P
ClientSampleId :
F7E03DL2



Tgt Ion:252 Resp: 117400
Ion Ratio Lower Upper
252 100
253 27.7 17.4 26.0
125 9.9 7.7 11.5

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

