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 Data File : BP021473.D
 Acq On : 09 Aug 2024 16:29
 Operator : RC/JU
 Sample : P3329-17ME 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E25ME

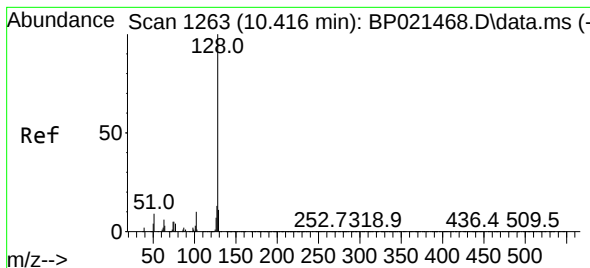
Manual Integrations
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Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 23:47:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

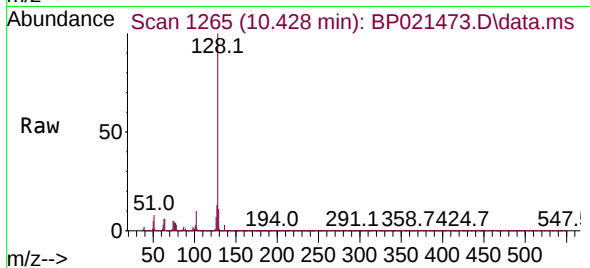
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	160336	20.000	ng/u1	0.02
20) Naphthalene-d8	10.375	136	613982	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	451152	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	912622	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	996446	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	1140486	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3369m	0.956	ng/uL	0.01
4) Pyridine-d5	3.646	84	20495m	2.009	ng/u1	0.06
7) Phenol-d5	6.928	99	26990	2.065	ng/u1	0.10
9) Bis-(2-Chloroethyl)eth...	6.999	67	33696m	4.254	ng/u1	0.04
11) 2-Chlorophenol-d4	7.234	132	37666	3.497	ng/u1	0.08
15) 4-Methylphenol-d8	8.440	113	44030m	4.056	ng/u1	0.09
21) Nitrobenzene-d5	8.834	128	19813m	4.155	ng/u1	0.06
24) 2-Nitrophenol-d4	9.528	143	21543m	3.947	ng/u1	0.04
28) 2,4-Dichlorophenol-d3	10.163	165	40686m	4.122	ng/u1	0.12
31) 4-Chloroaniline-d4	10.610	131	56053	4.287	ng/u1	0.07
46) Dimethylphthalate-d6	13.675	166	221401	6.751	ng/u1	0.02
49) Acenaphthylene-d8	13.951	160	215039	5.839	ng/u1	0.02
54) 4-Nitrophenol-d4	14.739	143	15575m	3.338	ng/u1	0.16
60) Fluorene-d10	15.269	176	192647	7.160	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	16892m	3.059	ng/u1	0.07
73) Anthracene-d10	17.181	188	314633	7.762	ng/u1	0.00
81) Pyrene-d10	19.563	212	406613	6.600	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.574	264	429833	7.642	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.428	128	1035426	32.061	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	342166	15.434	ng/u1	99
37) 1-Methylnaphthalene	12.269	142	156210	6.851	ng/u1	98
43) 1,1'-Biphenyl	13.087	154	92352	2.801	ng/u1	96
52) Acenaphthene	14.316	153	376275	13.597	ng/u1	100
56) Dibenzofuran	14.675	168	418587	11.046	ng/u1	100
61) Fluorene	15.334	166	464341	15.015	ng/u1	99
72) Phenanthrene	17.110	178	2072536	43.777	ng/u1	99
74) Anthracene	17.233	178	302612m	6.270	ng/u1	
77) Carbazole	17.533	167	105810	2.682	ng/u1	98
80) Fluoranthene	19.216	202	1397894	18.790	ng/u1	99
82) Pyrene	19.592	202	963028	12.721	ng/u1	97
85) Benzo(a)anthracene	21.492	228	337708	4.838	ng/u1	97
87) Chrysene	21.569	228	268660m	4.142	ng/u1	
90) Benzo(b)fluoranthene	23.774	252	229640	3.318	ng/u1#	97
91) Benzo(k)fluoranthene	23.833	252	72807	1.054	ng/u1#	97
93) Benzo(a)pyrene	24.639	252	125668	1.921	ng/u1#	94

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



#30
Naphthalene
Concen: 32.061 ng/ul
RT: 10.428 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

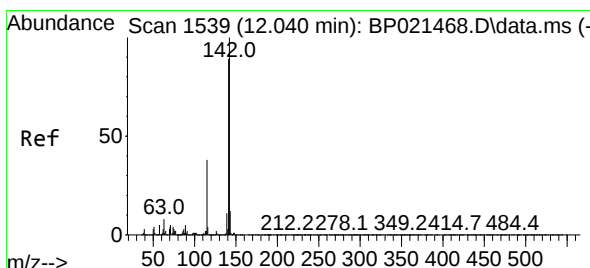
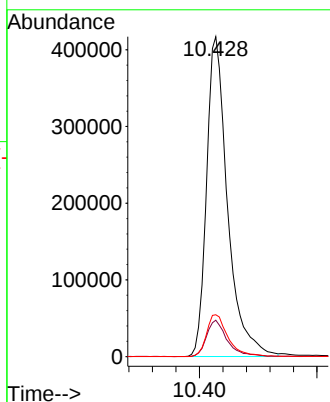
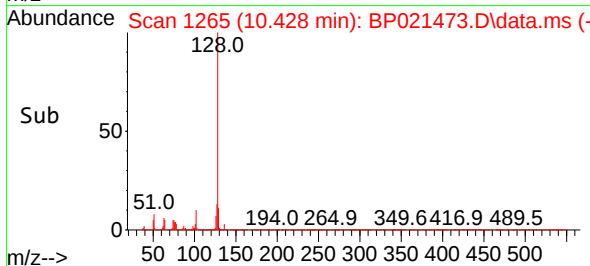
Instrument :
BNA_P
ClientSampleId :
F7E25ME



Tgt Ion:128 Resp: 1035426
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.1 10.8 16.2

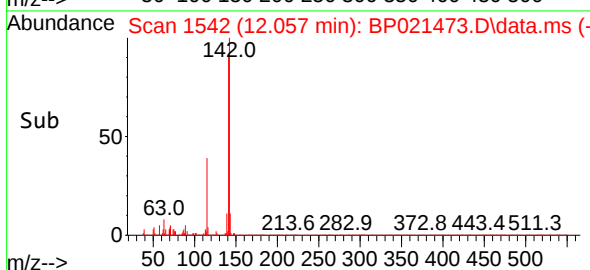
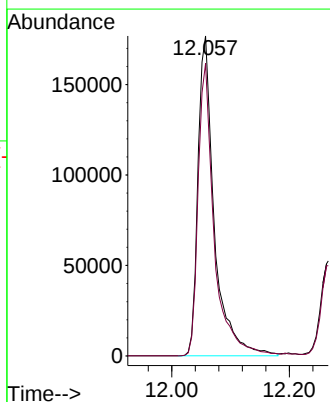
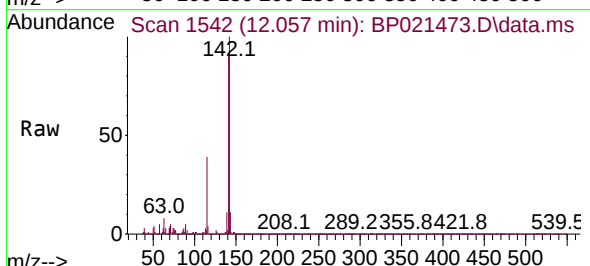
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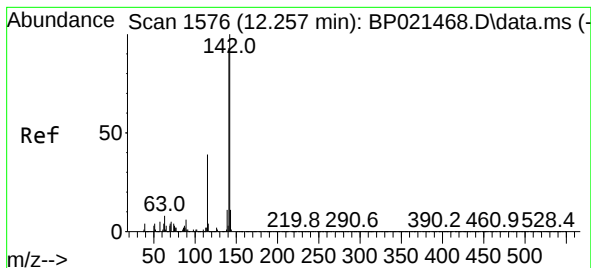
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#36
2-Methylnaphthalene
Concen: 15.434 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. 0.018 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

Tgt Ion:142 Resp: 342166
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8





#37

1-Methylnaphthalene

Concen: 6.851 ng/ul

RT: 12.269 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP021473.D

Acq: 09 Aug 2024 16:29

Instrument :

BNA_P

ClientSampleId :

F7E25ME

Tgt Ion:142 Resp: 156210

Ion Ratio Lower Upper

142 100

141 92.3 75.0 112.6

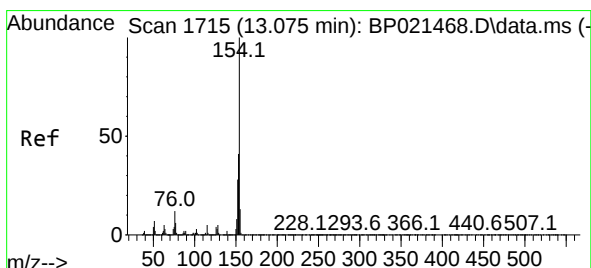
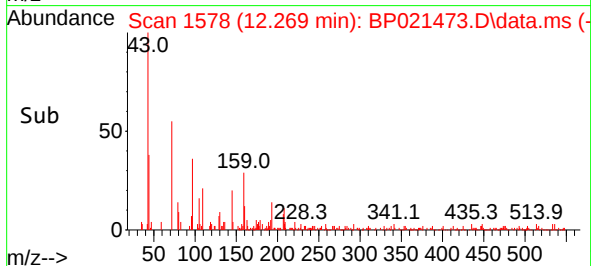
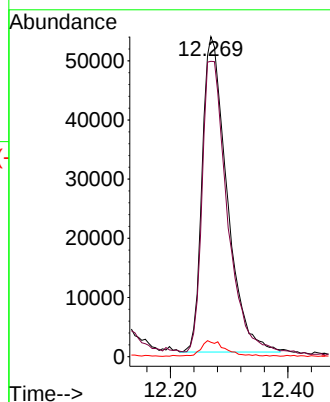
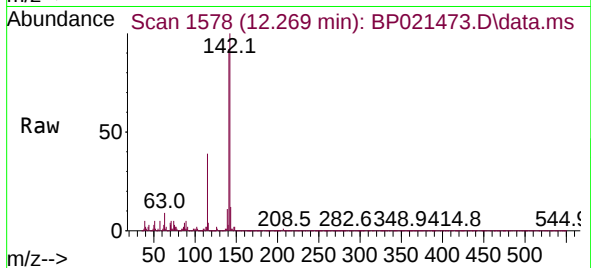
116 4.5 3.2 4.8

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#43

1,1'-Biphenyl

Concen: 2.801 ng/ul

RT: 13.087 min Scan# 1717

Delta R.T. 0.029 min

Lab File: BP021473.D

Acq: 09 Aug 2024 16:29

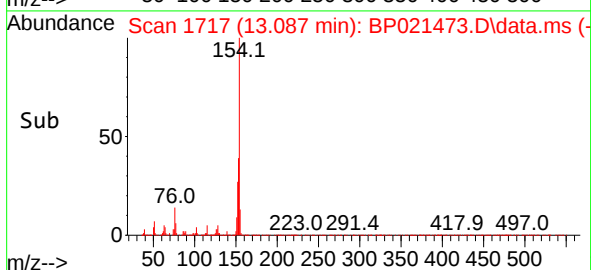
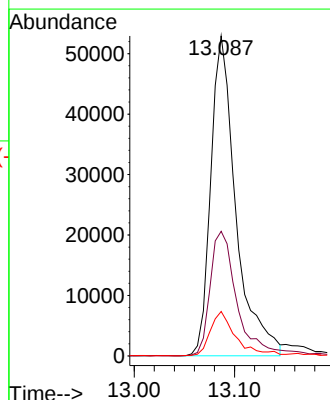
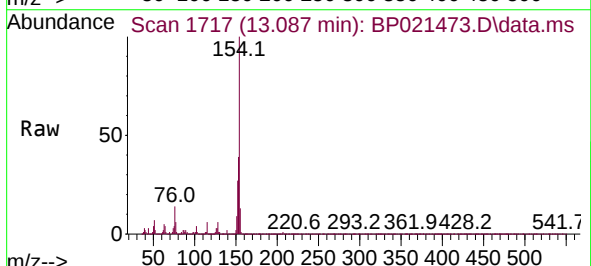
Tgt Ion:154 Resp: 92352

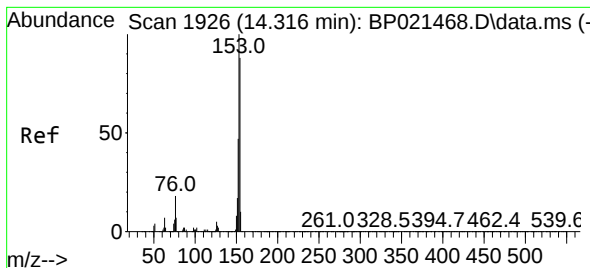
Ion Ratio Lower Upper

154 100

153 38.9 32.7 49.1

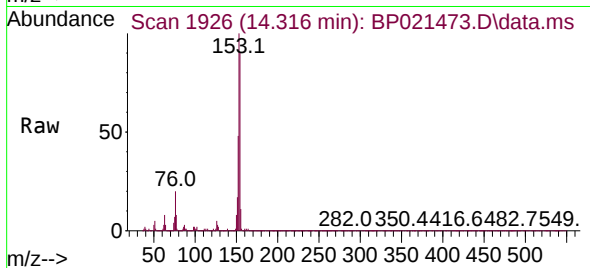
76 13.9 9.4 14.2





#52
Acenaphthene
Concen: 13.597 ng/ul
RT: 14.316 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

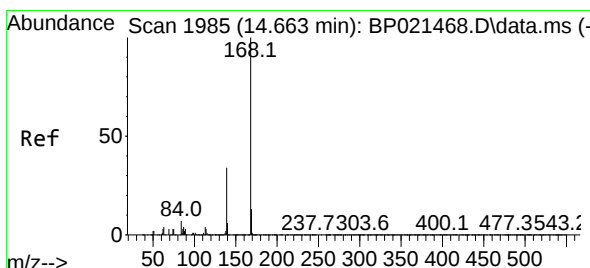
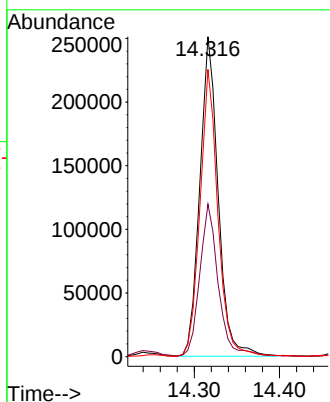
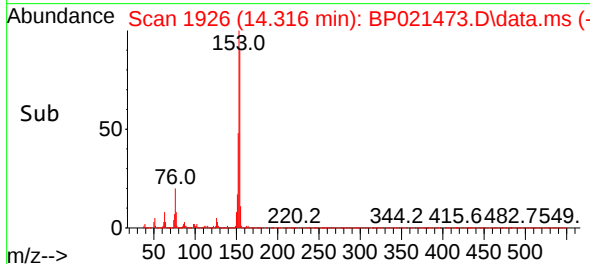
Instrument :
BNA_P
Client Sample Id :
F7E25ME



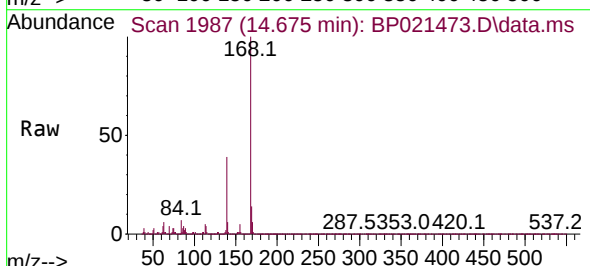
Tgt Ion:153 Resp: 376275
Ion Ratio Lower Upper
153 100
152 47.6 37.8 56.6
154 89.7 71.8 107.6

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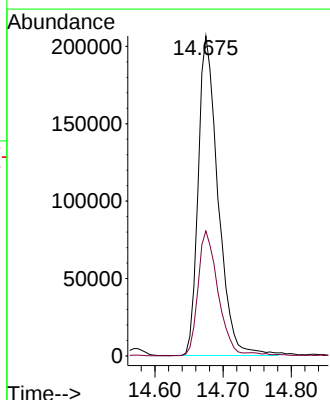
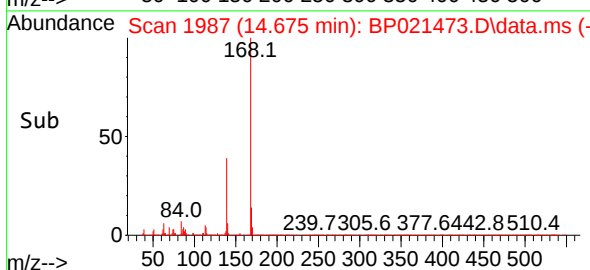
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

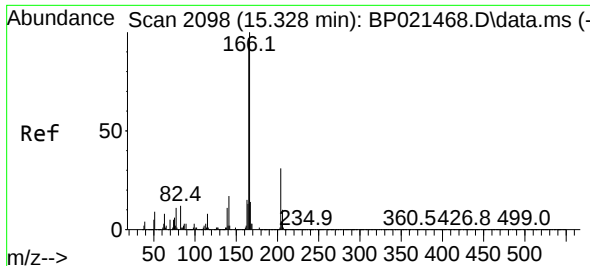


#56
Dibenzofuran
Concen: 11.046 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. 0.018 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29



Tgt Ion:168 Resp: 418587
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7





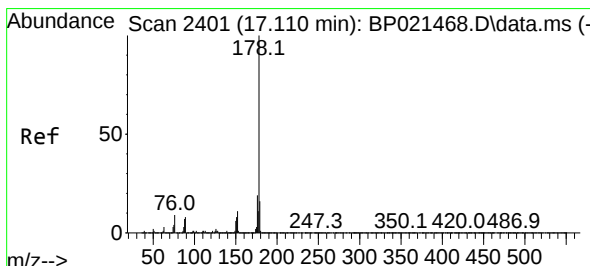
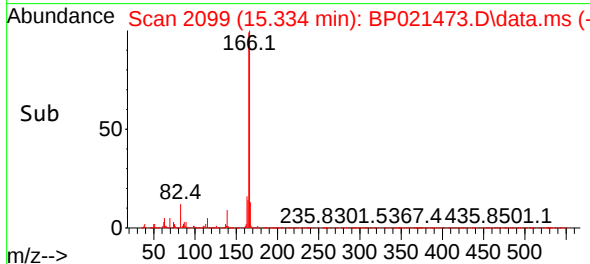
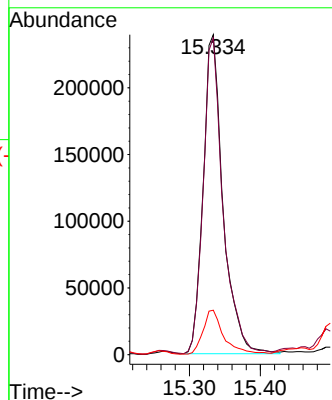
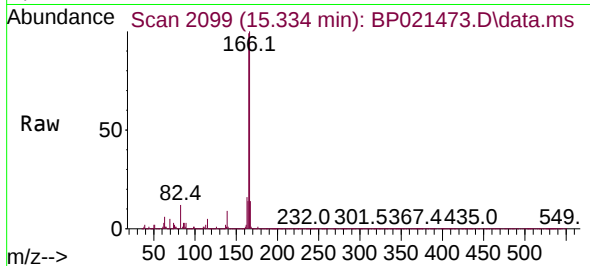
#61
Fluorene
Concen: 15.015 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. 0.018 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

Instrument :
BNA_P
Client SampleId :
F7E25ME

Tgt Ion:166 Resp: 46434
Ion Ratio Lower Upper
166 100
165 99.0 78.1 117.1
167 13.9 10.9 16.3

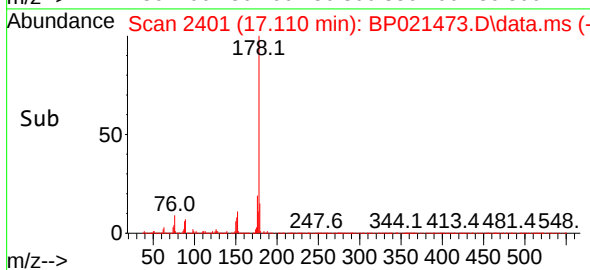
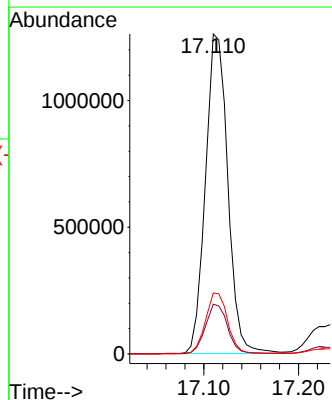
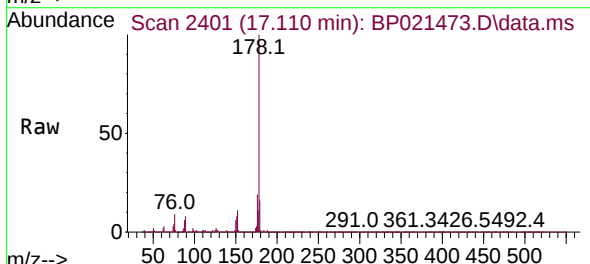
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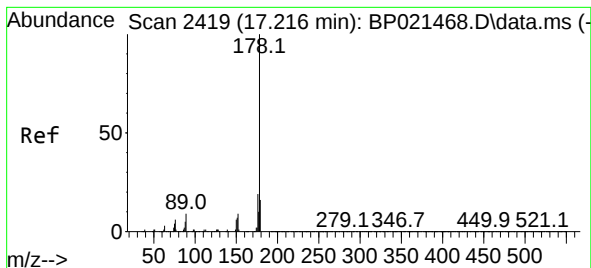
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#72
Phenanthrene
Concen: 43.777 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

Tgt Ion:178 Resp: 2072536
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 19.0 15.0 22.4





#74

Anthracene

Concen: 6.270 ng/ul m

RT: 17.233 min Scan# 2419

Delta R.T. 0.023 min

Lab File: BP021473.D

Acq: 09 Aug 2024 16:29

Instrument :

BNA_P

ClientSampleId :

F7E25ME

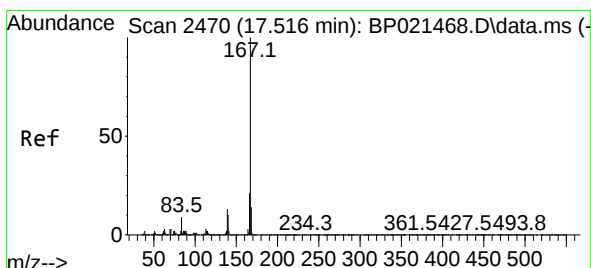
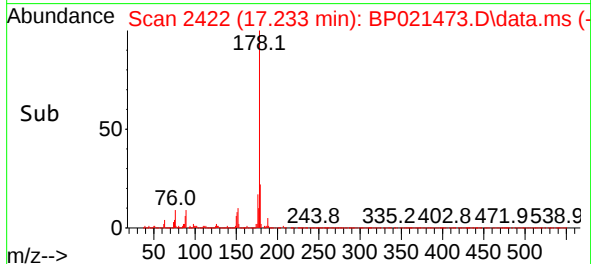
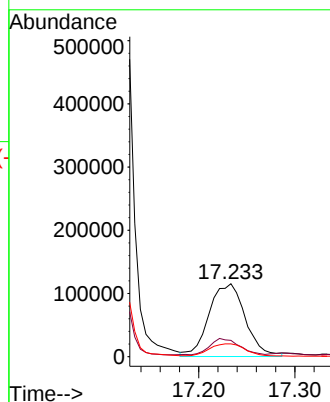
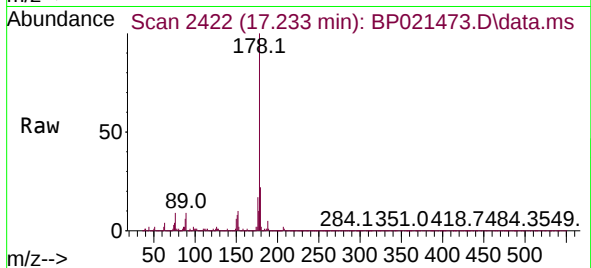
Tgt Ion:178	Resp: 302612
Ion Ratio	Lower Upper
178 100	
179 22.2	12.5 18.7
176 17.5	14.8 22.2

Manual Integrations

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Supervised By :mohammad ahmed 08/12/2024



#77

Carbazole

Concen: 2.682 ng/ul

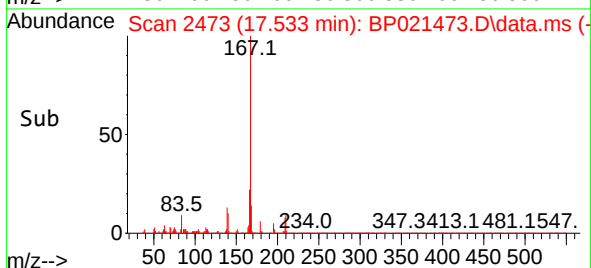
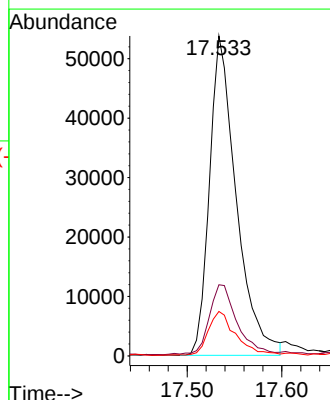
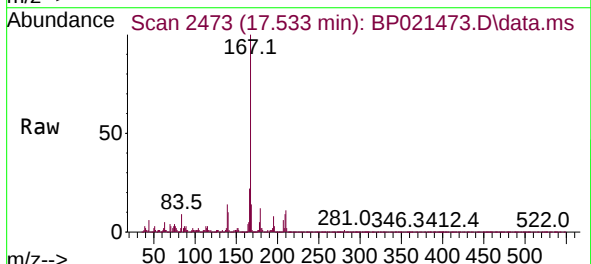
RT: 17.533 min Scan# 2473

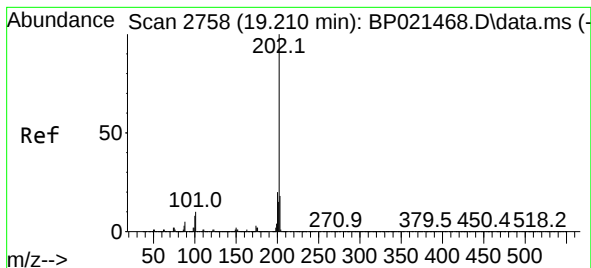
Delta R.T. 0.018 min

Lab File: BP021473.D

Acq: 09 Aug 2024 16:29

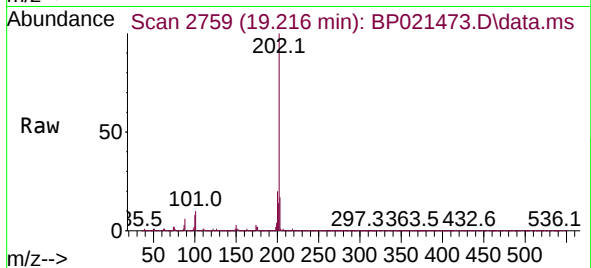
Tgt Ion:167	Resp: 105810
Ion Ratio	Lower Upper
167 100	
166 22.2	17.3 25.9
139 13.9	10.2 15.2





#80
Fluoranthene
Concen: 18.790 ng/ul
RT: 19.216 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

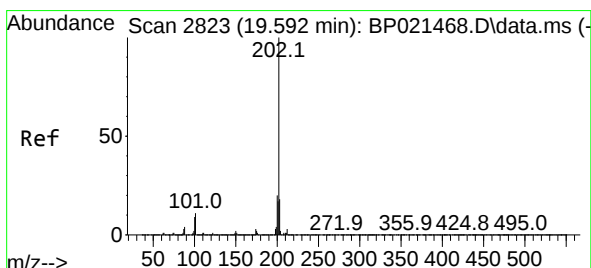
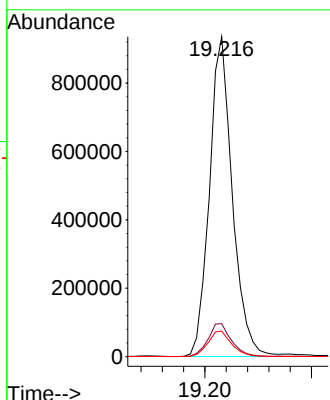
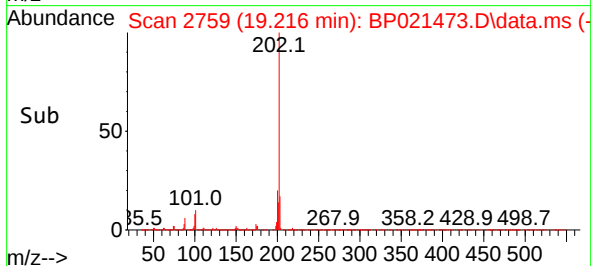
Instrument :
BNA_P
ClientSampleId :
F7E25ME



Tgt Ion:202 Resp: 1397894
Ion Ratio Lower Upper
202 100
101 10.3 8.0 12.0
100 8.0 6.1 9.1

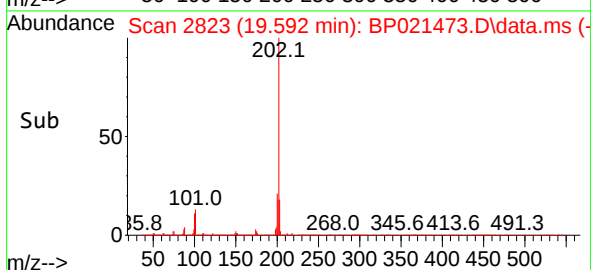
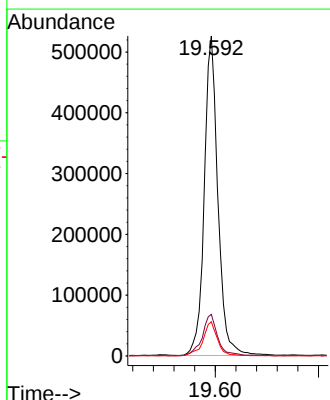
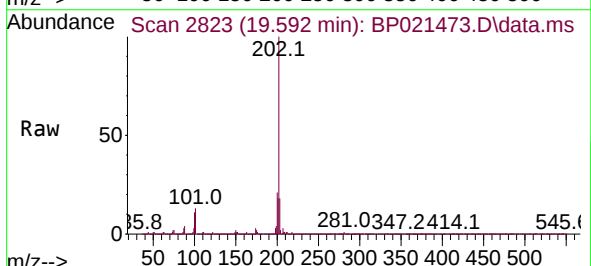
Manual Integrations
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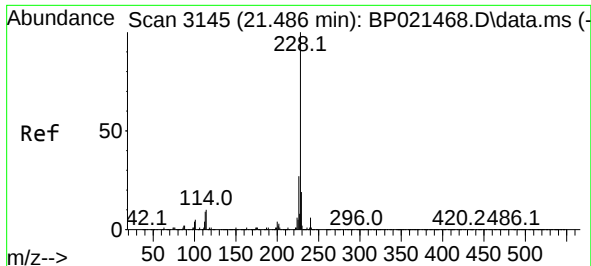
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#82
Pyrene
Concen: 12.721 ng/ul
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

Tgt Ion:202 Resp: 963028
Ion Ratio Lower Upper
202 100
101 13.0 9.4 14.2
100 10.7 7.8 11.6





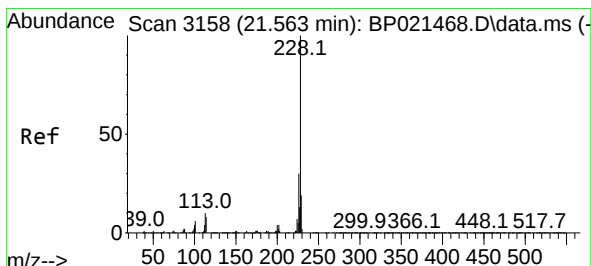
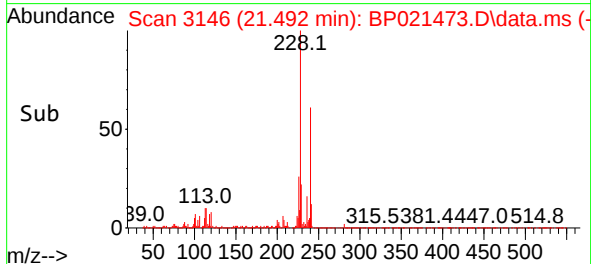
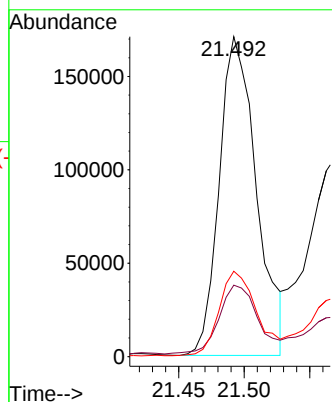
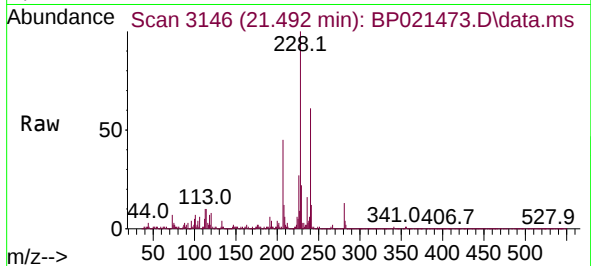
#85
Benzo(a)anthracene
Concen: 4.838 ng/ul
RT: 21.492 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

Instrument :
BNA_P
ClientSampleId :
F7E25ME

Tgt Ion:228 Resp: 337708
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 26.7 21.4 32.2

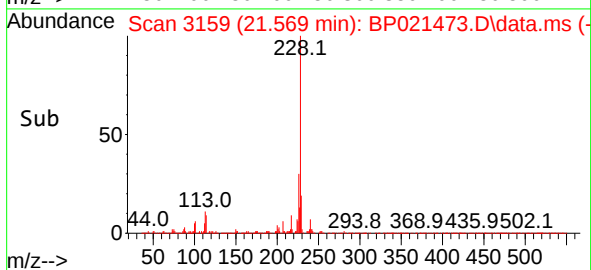
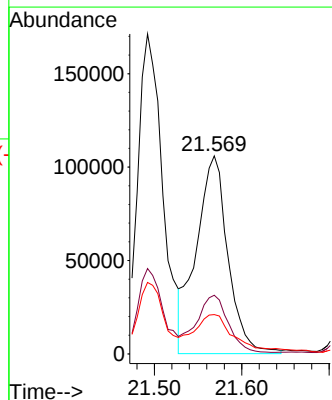
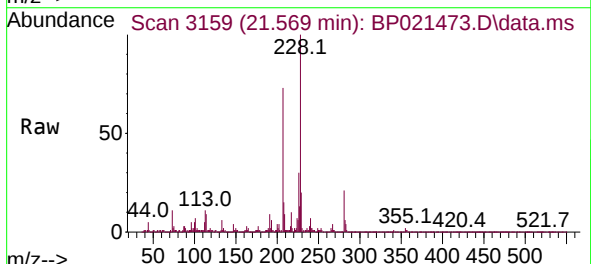
Manual Integrations
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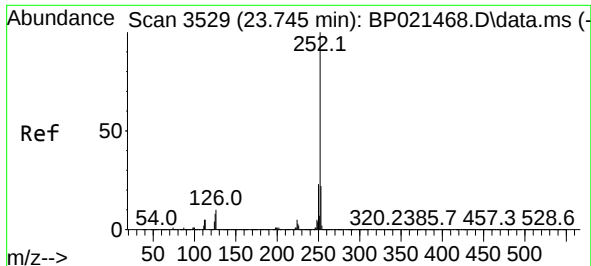
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024



#87
Chrysene
Concen: 4.142 ng/ul m
RT: 21.569 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

Tgt Ion:228 Resp: 268660
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 19.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 3.318 ng/ul

RT: 23.774 min Scan# 3529

Delta R.T. 0.023 min

Lab File: BP021473.D

Acq: 09 Aug 2024 16:29

Instrument :

BNA_P

ClientSampleId :

F7E25ME

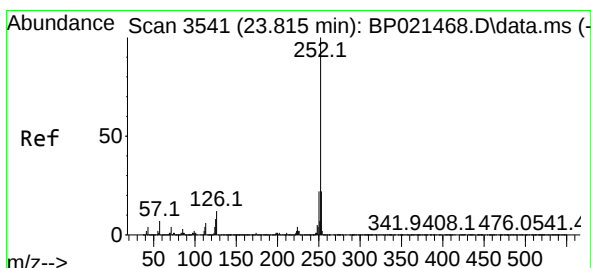
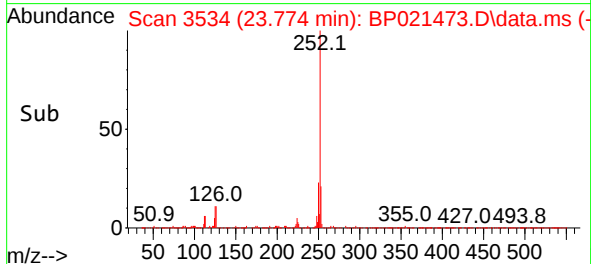
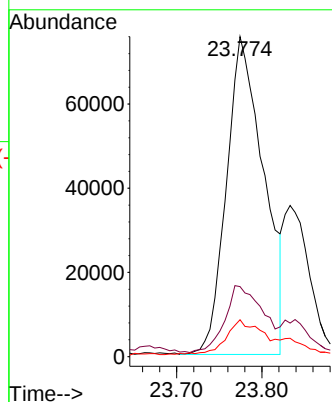
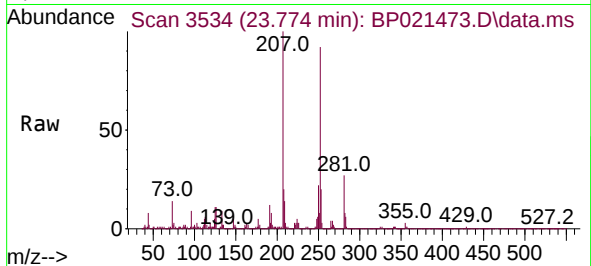
Tgt Ion:252	Resp:	229640
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.1 25.7
125	11.5	7.0 10.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2024

Supervised By :mohammad ahmed 08/12/2024



#91

Benzo(k)fluoranthene

Concen: 1.054 ng/ul

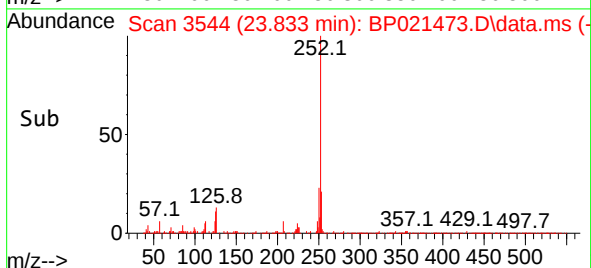
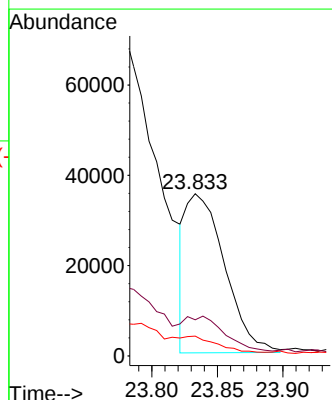
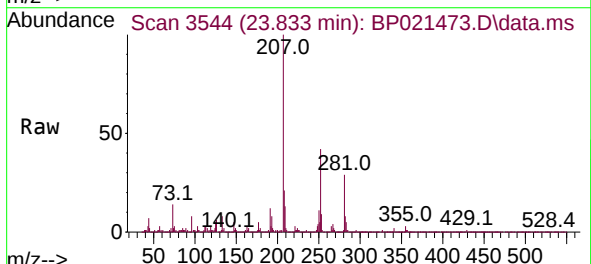
RT: 23.833 min Scan# 3544

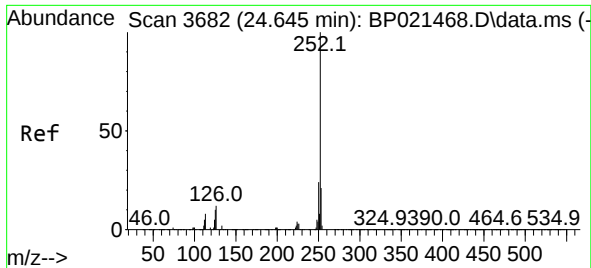
Delta R.T. 0.023 min

Lab File: BP021473.D

Acq: 09 Aug 2024 16:29

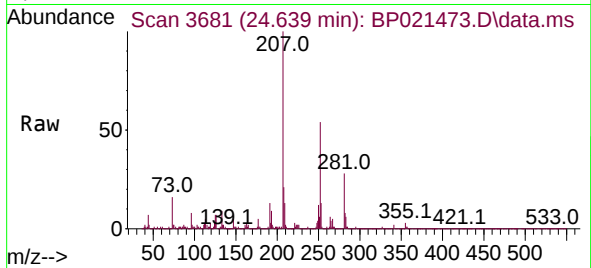
Tgt Ion:252	Resp:	72807
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.4 26.2
125	12.2	7.4 11.0





#93
Benzo(a)pyrene
Concen: 1.921 ng/ul
RT: 24.639 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP021473.D
Acq: 09 Aug 2024 16:29

Instrument :
BNA_P
ClientSampleId :
F7E25ME



Tgt Ion:252 Resp: 125668
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 12.5 7.7 11.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

