

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018452.D
 Acq On : 28 Nov 2023 22:04
 Operator : MA/JU
 Sample : 05332-16DL 5X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YCG97DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 02:28:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 01:59:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	373578	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1420405	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	740344	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1473179	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1533294	20.000	ng/u1	0.02
88) Perylene-d12	24.251	264	1598082	20.000	ng/u1	0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	9366	0.939	ng/uL	0.00
4) Pyridine-d5	3.687	84	49037	1.789	ng/u1	0.00
7) Phenol-d5	7.016	99	39907	1.169	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	132955	6.512	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	129059	4.502	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	74854	2.717	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	68350	5.924	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	53332	5.005	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	129106	5.022	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	151793	4.378	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	458507	6.960	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	495964	6.607	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.481	176	407727	7.400	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	24902	3.971	ng/u1	0.00
73) Anthracene-d10	17.345	188	627795	7.973	ng/u1	0.00
81) Pyrene-d10	19.610	212	802275	6.574	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	719234	7.763	ng/u1	0.09
Target Compounds						
43) 1,1'-Biphenyl	13.328	154	927140	14.373	ng/u1	99
50) Acenaphthylene	14.210	152	3357847	40.132	ng/u1	99
52) Acenaphthene	14.551	153	1126243	20.605	ng/u1	99
56) Dibenzofuran	14.887	168	1197598	16.027	ng/u1	98
61) Fluorene	15.539	166	1006281	16.513	ng/u1	100
72) Phenanthrene	17.286	178	114722	1.280	ng/u1	99
74) Anthracene	17.381	178	290286m	3.209	ng/u1	
77) Carbazole	17.651	167	373951	5.103	ng/u1	99
80) Fluoranthene	19.280	202	381632	2.618	ng/u1	99
82) Pyrene	19.639	202	360385	2.455	ng/u1	98

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

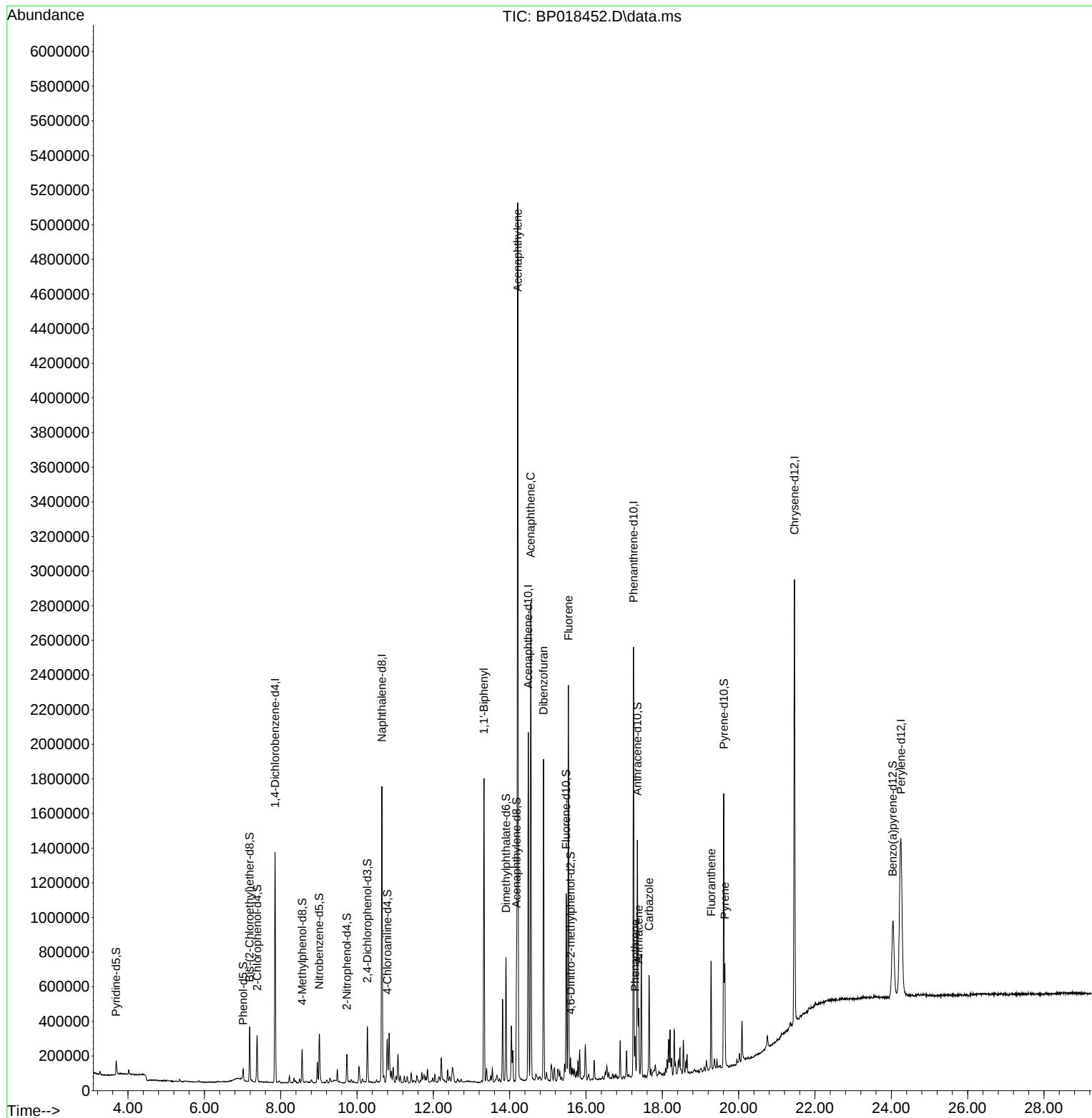
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
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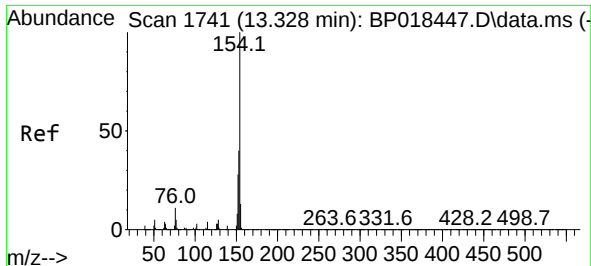
Instrument :
BNA_P
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Quant Time: Nov 29 02:28:25 2023
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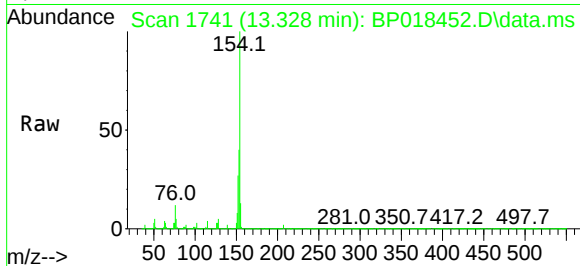
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023





#43
1,1'-Biphenyl
Concen: 14.373 ng/ul
RT: 13.328 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP018452.D
Acq: 28 Nov 2023 22:04

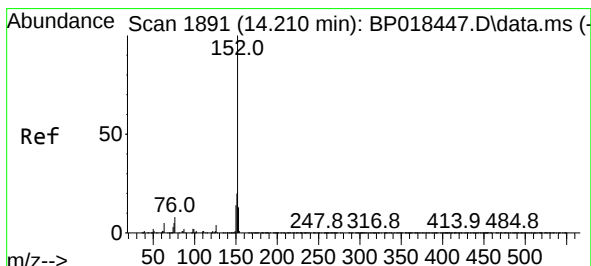
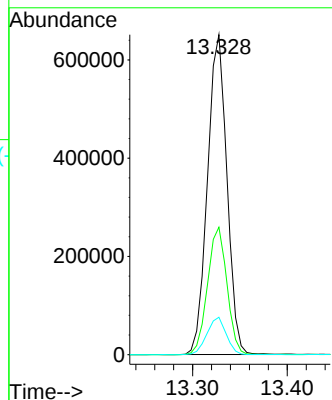
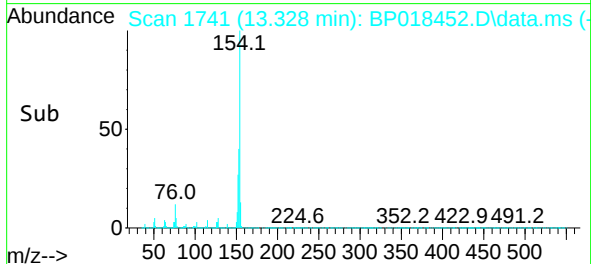
Instrument :
BNA_P
ClientSampleId :
YCG97DL



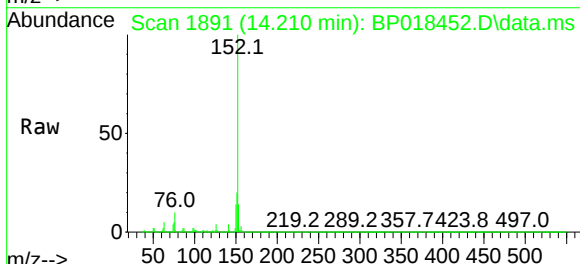
Tgt Ion:154 Resp: 927140
Ion Ratio Lower Upper
154 100
153 39.8 32.2 48.2
76 11.7 9.9 14.9

Manual Integrations
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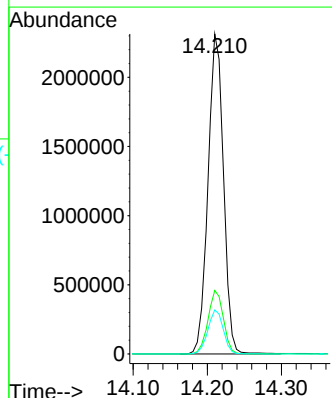
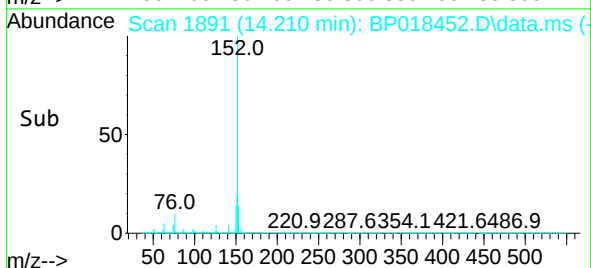
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

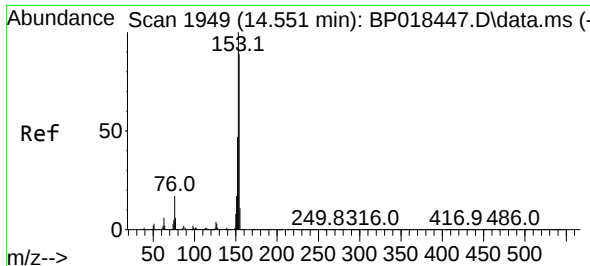


#50
Acenaphthylene
Concen: 40.132 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BP018452.D
Acq: 28 Nov 2023 22:04



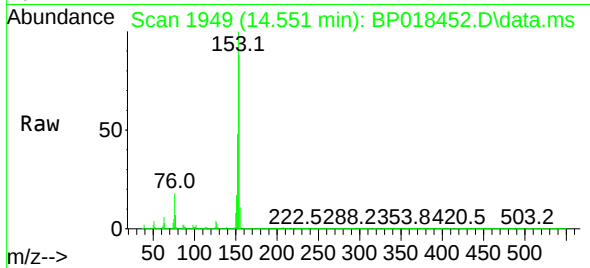
Tgt Ion:152 Resp: 3357847
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.8 10.8 16.2





#52
Acenaphthene
Concen: 20.605 ng/u1
RT: 14.551 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP018452.D
Acq: 28 Nov 2023 22:04

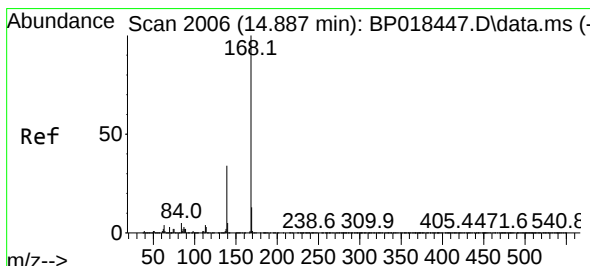
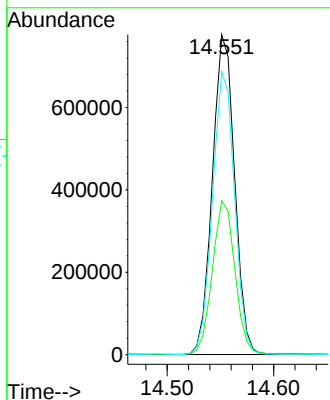
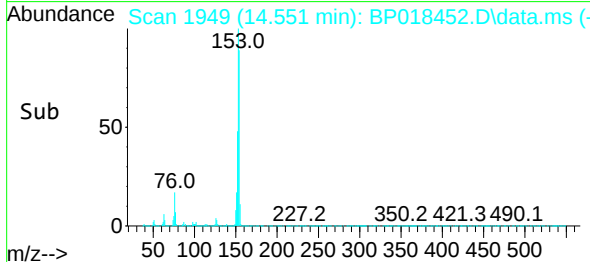
Instrument :
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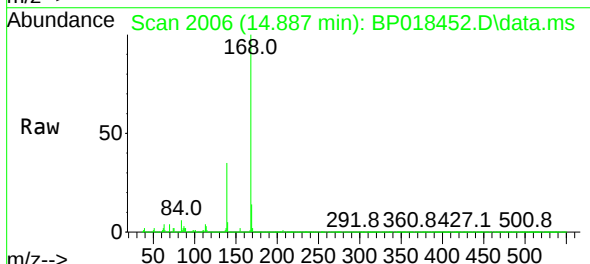
Tgt Ion:153 Resp: 112624
Ion Ratio Lower Upper
153 100
152 48.1 37.8 56.8
154 88.5 71.2 106.8

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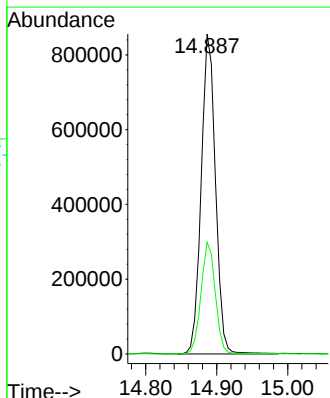
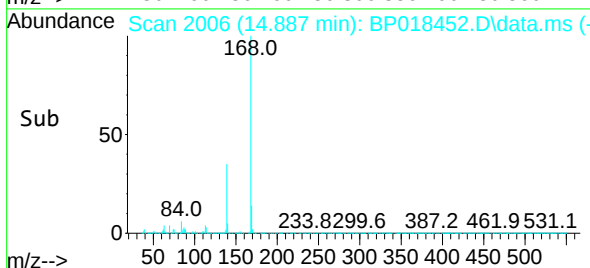
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

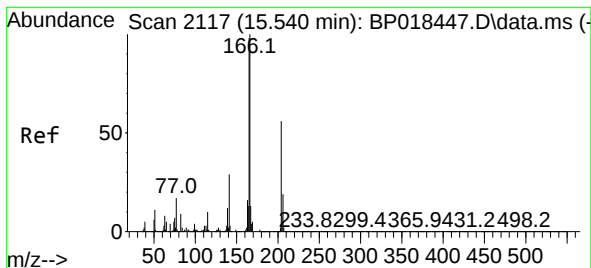


#56
Dibenzofuran
Concen: 16.027 ng/u1
RT: 14.887 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP018452.D
Acq: 28 Nov 2023 22:04



Tgt Ion:168 Resp: 1197598
Ion Ratio Lower Upper
168 100
139 34.9 29.0 43.4





#61

Fluorene

Concen: 16.513 ng/u1

RT: 15.539 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BP018452.D

Acq: 28 Nov 2023 22:04

Instrument :

BNA_P

ClientSampleId :

YCG97DL

Tgt Ion:166 Resp: 100628

Ion Ratio Lower Upper

166 100

165 96.9 77.5 116.3

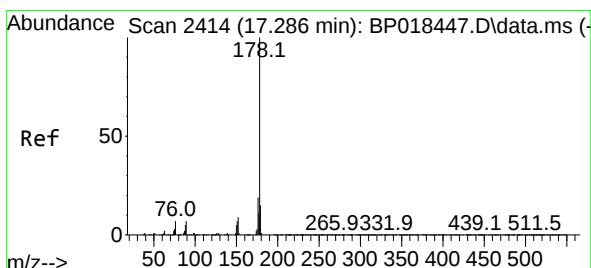
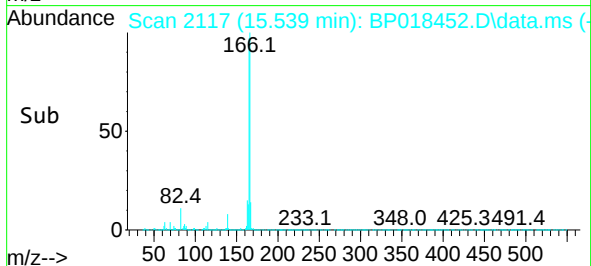
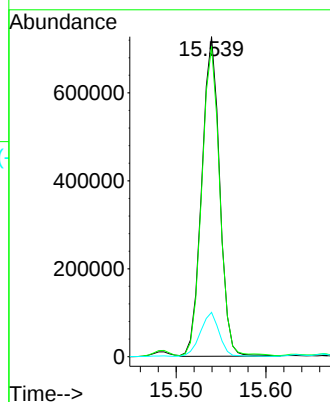
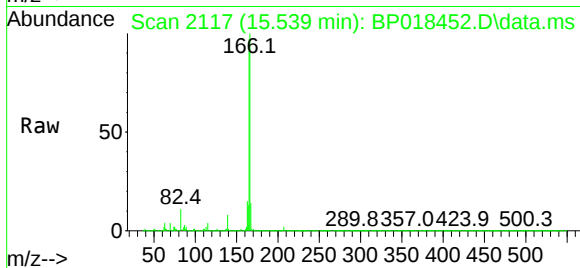
167 13.9 10.6 16.0

Manual Integrations

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Supervised By :mohammad ahmed 12/01/2023



#72

Phenanthrene

Concen: 1.280 ng/u1

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BP018452.D

Acq: 28 Nov 2023 22:04

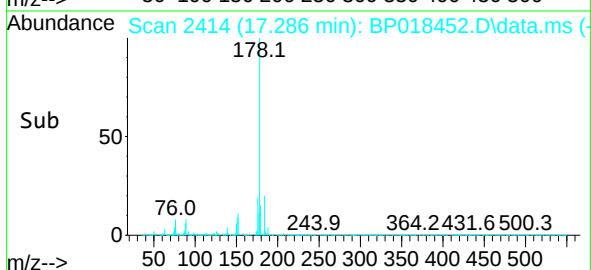
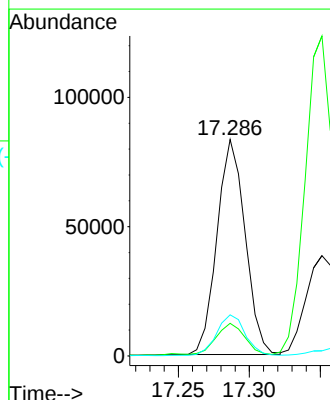
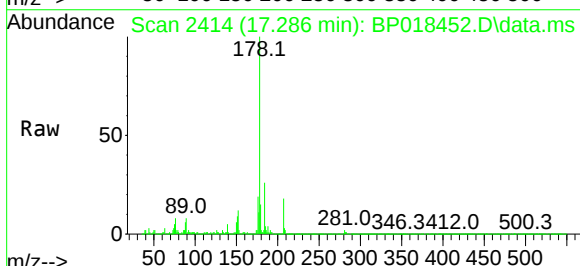
Tgt Ion:178 Resp: 114722

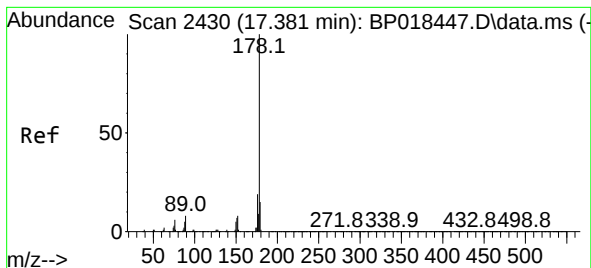
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 19.0 15.1 22.7





#74

Anthracene

Concen: 3.209 ng/ul m

RT: 17.381 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP018452.D

Acq: 28 Nov 2023 22:04

Instrument :

BNA_P

ClientSampleId :

YCG97DL

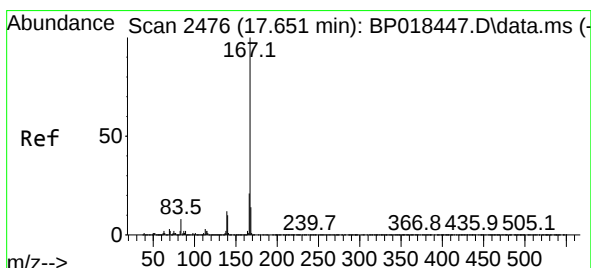
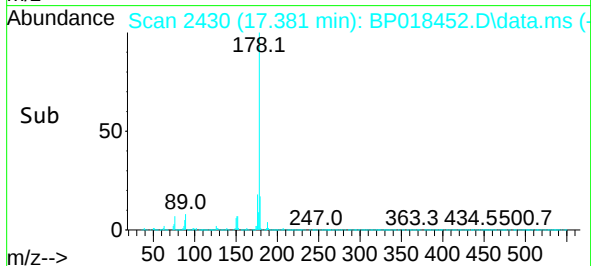
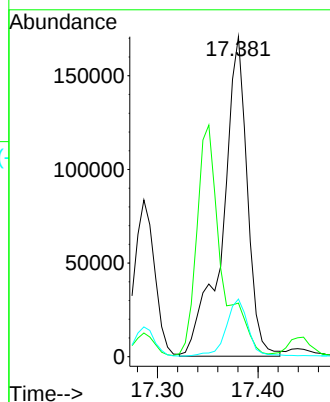
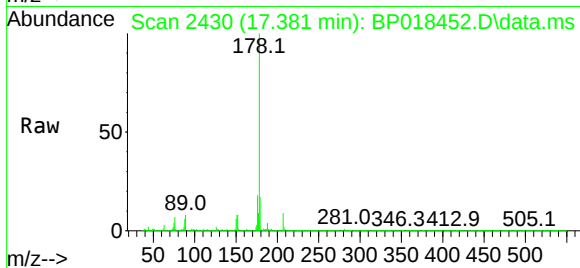
Tgt Ion:178	Resp: 290280
Ion Ratio	Lower Upper
178 100	
179 16.7	12.4 18.6
176 18.0	15.2 22.8

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#77

Carbazole

Concen: 5.103 ng/ul

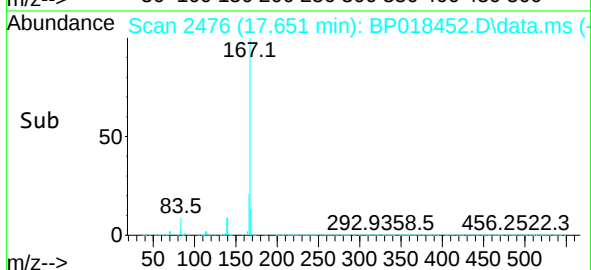
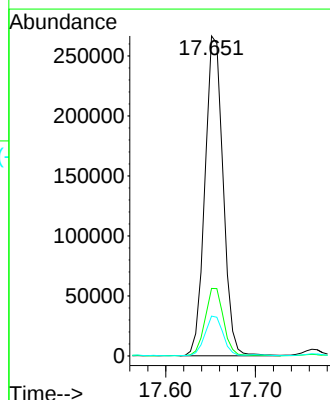
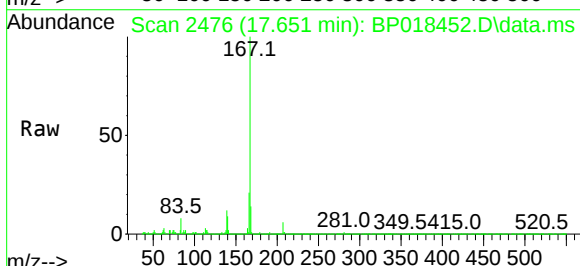
RT: 17.651 min Scan# 2476

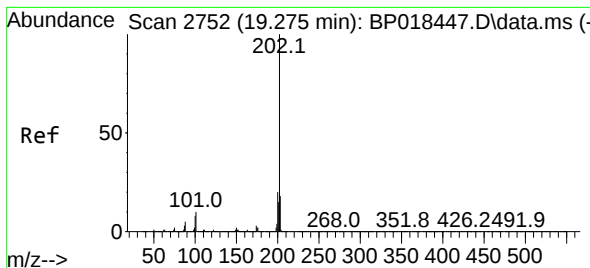
Delta R.T. -0.000 min

Lab File: BP018452.D

Acq: 28 Nov 2023 22:04

Tgt Ion:167	Resp: 373951
Ion Ratio	Lower Upper
167 100	
166 21.1	17.5 26.3
139 12.5	10.0 15.0





#80

Fluoranthene

Concen: 2.618 ng/u1

RT: 19.280 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP018452.D

Acq: 28 Nov 2023 22:04

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BNA_P

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YCG97DL

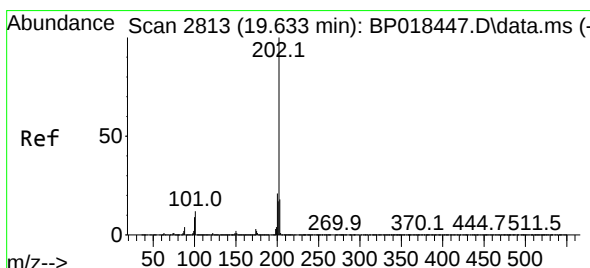
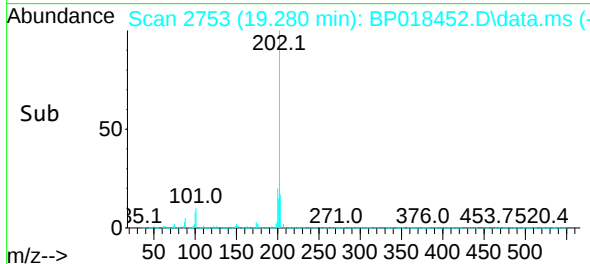
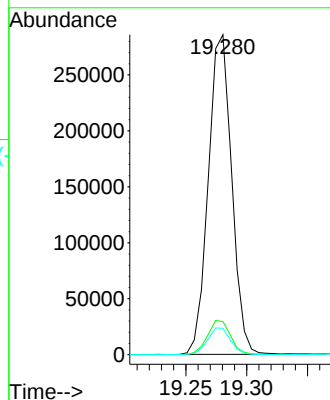
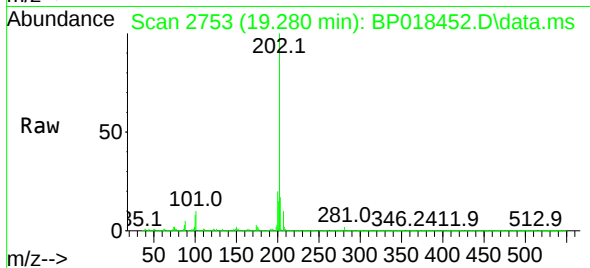
Tgt Ion:202 Resp: 38163
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.6 13.0
 100 8.3 6.7 10.1

Manual Integrations

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Supervised By :mohammad ahmed 12/01/2023



#82

Pyrene

Concen: 2.455 ng/u1

RT: 19.639 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BP018452.D

Acq: 28 Nov 2023 22:04

Tgt Ion:202 Resp: 360385
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.2 15.4
 100 9.8 8.4 12.6

