

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
 Data File : BP018418.D
 Acq On : 28 Nov 2023 01:42
 Operator : MA/JU
 Sample : 05332-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YCG97

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 03:32:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 02:41:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	381531	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1448195	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	813195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1794153	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1861209	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	2126389	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	34500	3.387	ng/uL	0.00
4) Pyridine-d5	3.687	84	224168	8.008	ng/ul	0.00
7) Phenol-d5	7.022	99	186548	5.350	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	506688	24.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	579785	19.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	351863	12.504	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	335144	28.492	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	306605	28.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	636505	24.286	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	715373	20.238	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2134452	29.498	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	2329438	28.253	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	55169	5.523	ng/ul	0.00
60) Fluorene-d10	15.487	176	1858824	30.713	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	218155	28.563	ng/ul	0.00
73) Anthracene-d10	17.345	188	3064048	31.952	ng/ul	0.00
81) Pyrene-d10	19.592	212	3834960	25.889	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	4177759	33.889	ng/ul	0.02
Target Compounds						
37) 1-Methylnaphthalene	12.534	142	73522	1.178	ng/ul#	97
43) 1,1'-Biphenyl	13.334	154	3754518	52.991	ng/ul	99
50) Acenaphthylene	14.222	152	12248119	133.273	ng/ul	97
52) Acenaphthene	14.557	153	4482997	74.672	ng/ul	99
56) Dibenzofuran	14.893	168	4954525	60.365	ng/ul	99
61) Fluorene	15.545	166	4278689	63.925	ng/ul	98
72) Phenanthrene	17.286	178	549480	5.035	ng/ul	99
74) Anthracene	17.381	178	1437355m	13.048	ng/ul	
77) Carbazole	17.651	167	1843874	20.661	ng/ul	99
80) Fluoranthene	19.269	202	1920474	10.853	ng/ul	97
82) Pyrene	19.622	202	1715844	9.629	ng/ul	98

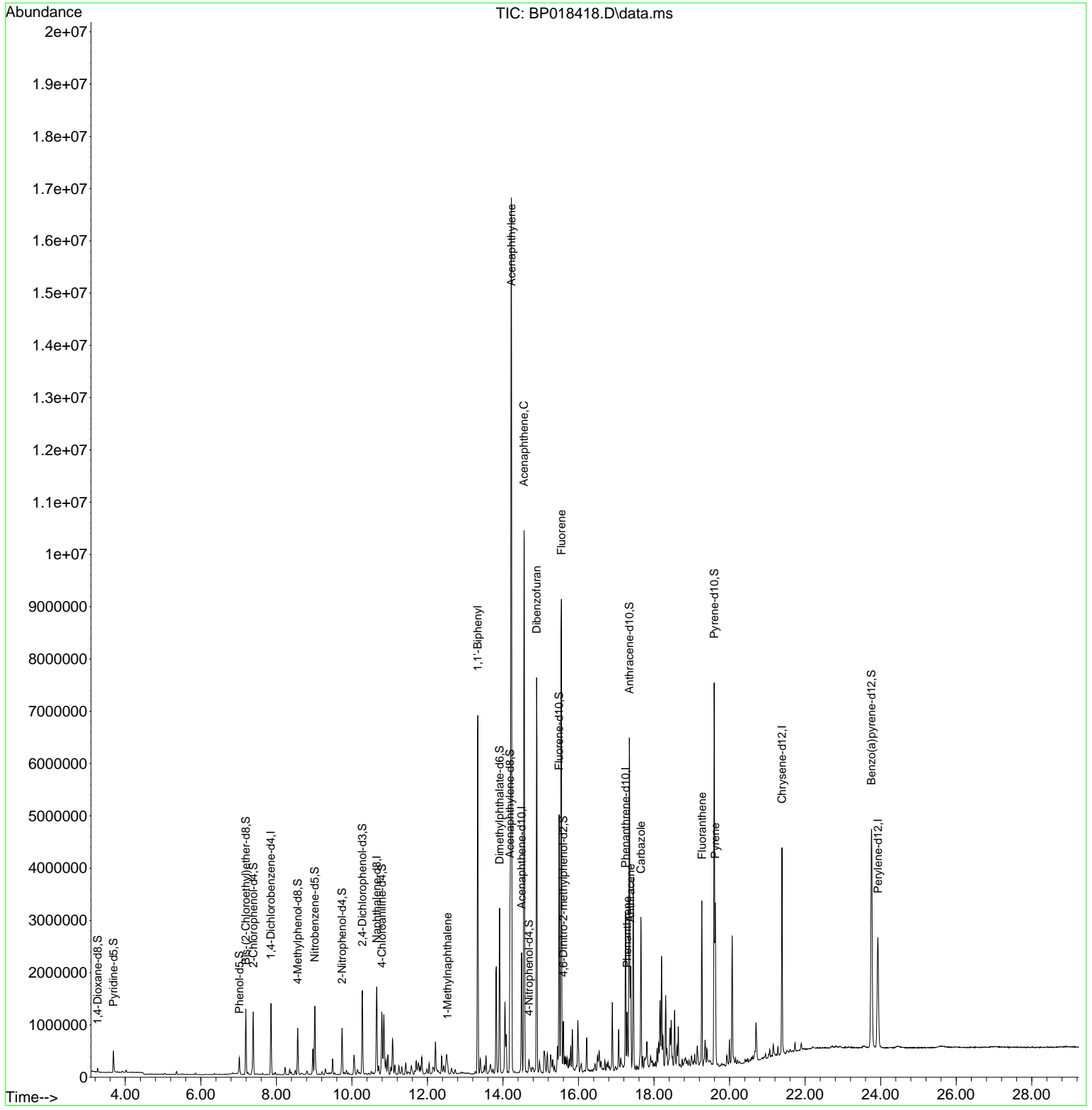
(#) = qualifier out of range (m) = manual integration (+) = signals summed

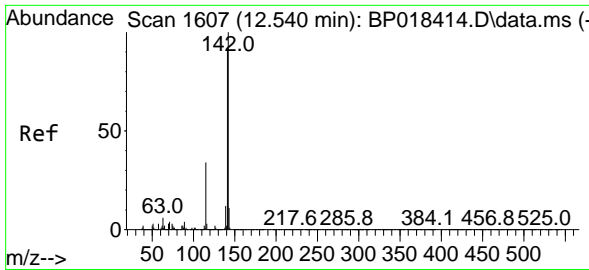
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
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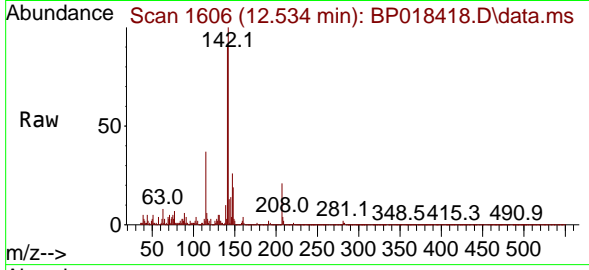
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023





#37
 1-Methylnaphthalene
 Concen: 1.178 ng/ul
 RT: 12.534 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42

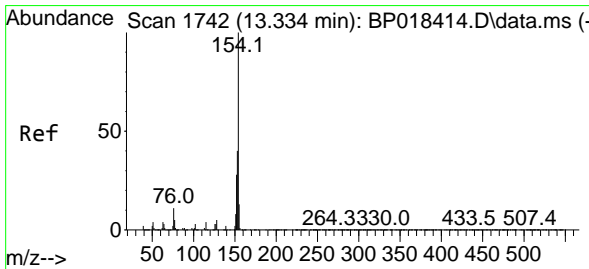
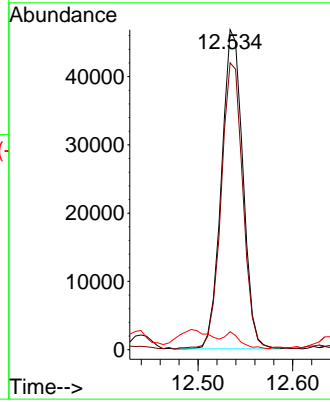
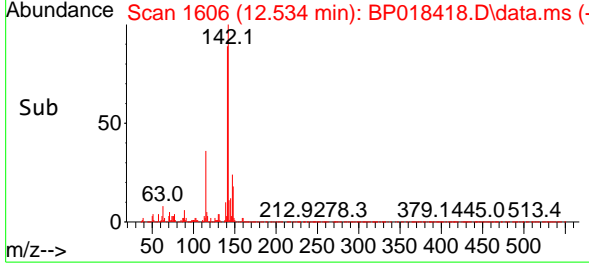
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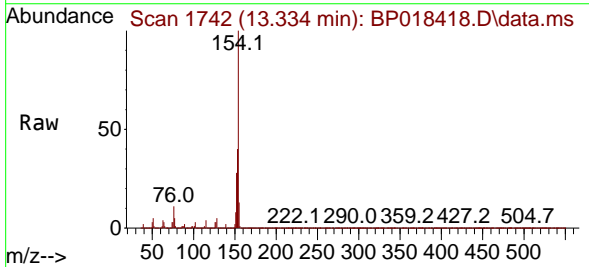
Tgt Ion:142 Resp: 7352
 Ion Ratio Lower Upper
 142 100
 141 89.7 73.9 110.9
 116 5.7 3.0 4.4

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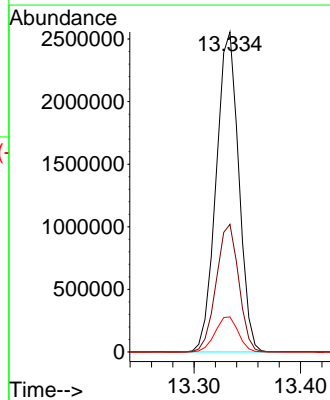
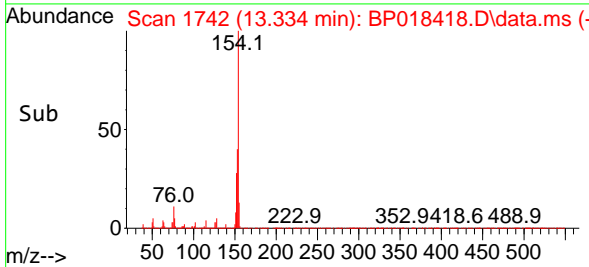
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

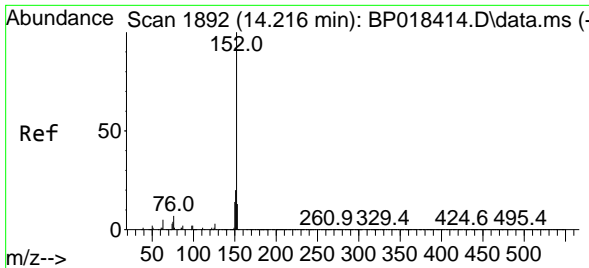


#43
 1,1'-Biphenyl
 Concen: 52.991 ng/ul
 RT: 13.334 min Scan# 1742
 Delta R.T. 0.000 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42



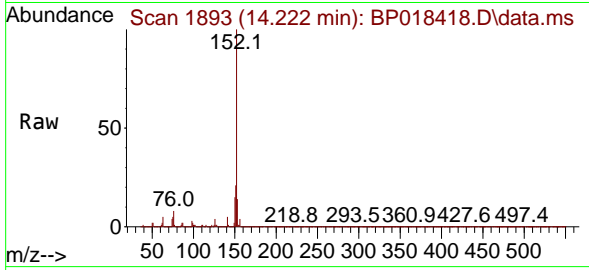
Tgt Ion:154 Resp: 3754518
 Ion Ratio Lower Upper
 154 100
 153 39.9 32.2 48.2
 76 10.9 9.9 14.9





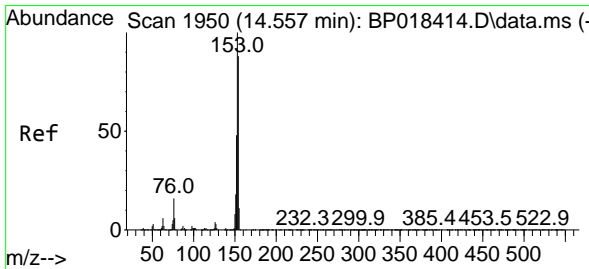
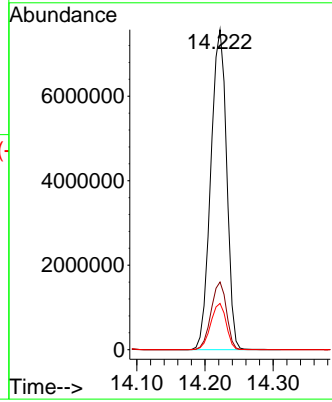
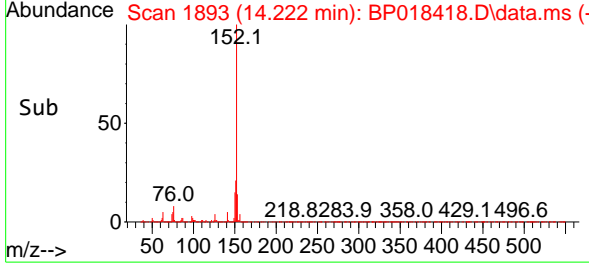
#50
 Acenaphthylene
 Concen: 133.273 ng/u1
 RT: 14.222 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42

Instrument : BNA_P
 ClientSampleId : YCG97

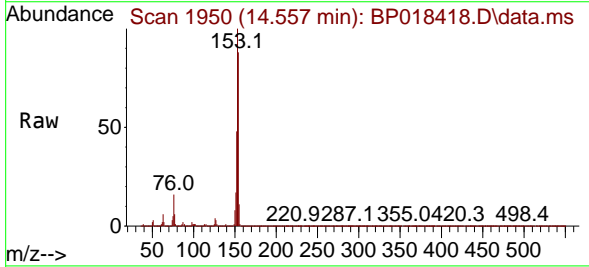


Tgt Ion:152 Resp:12248119
 Ion Ratio Lower Upper
 152 100
 151 21.2 15.7 23.5
 153 14.4 10.8 16.2

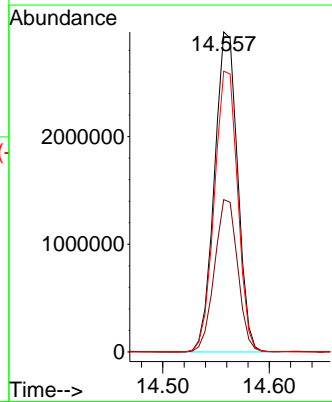
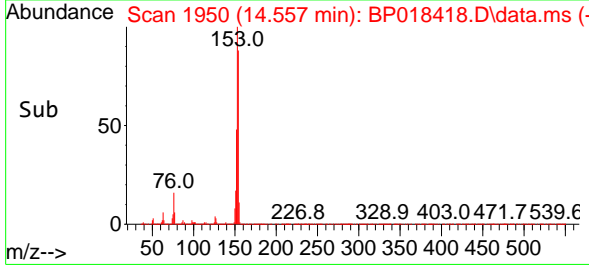
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 Supervised By :mohammad ahmed 12/01/2023

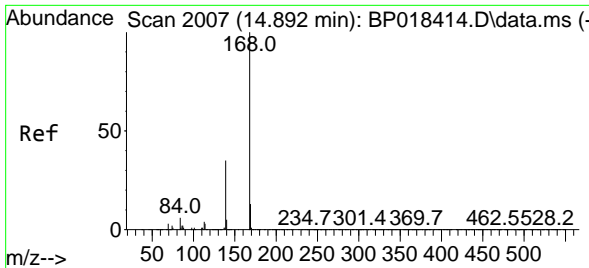


#52
 Acenaphthene
 Concen: 74.672 ng/u1
 RT: 14.557 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42



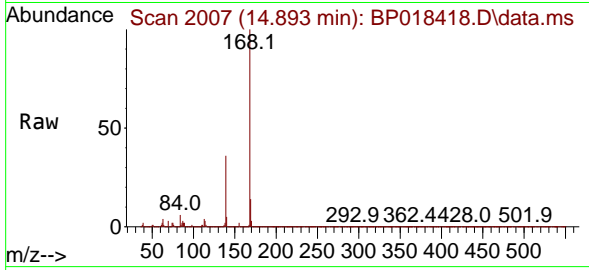
Tgt Ion:153 Resp: 4482997
 Ion Ratio Lower Upper
 153 100
 152 47.6 37.8 56.8
 154 87.7 71.2 106.8





#56
 Dibenzenofuran
 Concen: 60.365 ng/u1
 RT: 14.893 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42

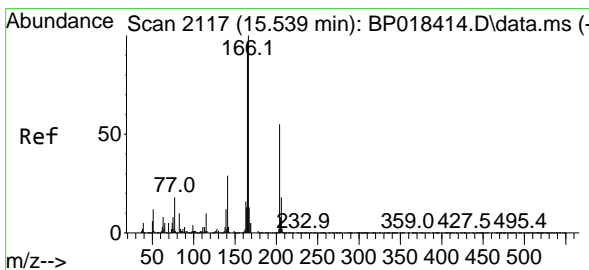
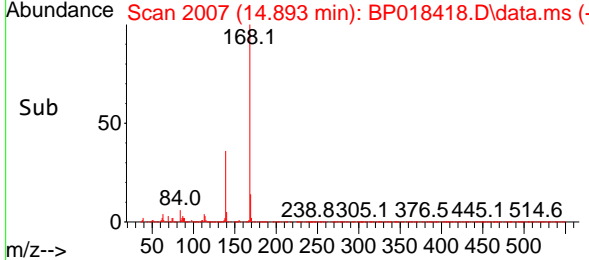
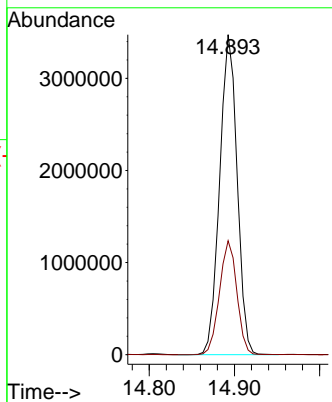
Instrument :
 BNA_P
 ClientSampleId :
 YCG97



Tgt Ion:168 Resp: 495452
 Ion Ratio Lower Upper
 168 100
 139 35.6 29.0 43.4

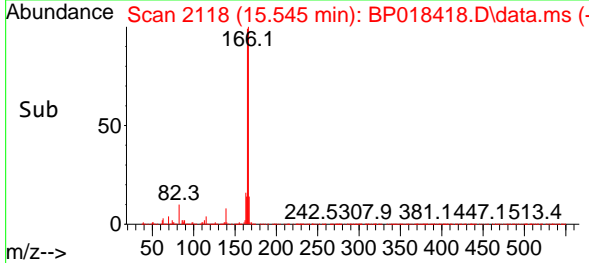
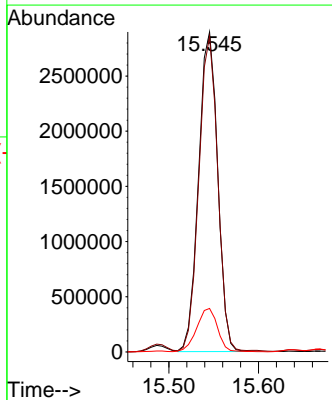
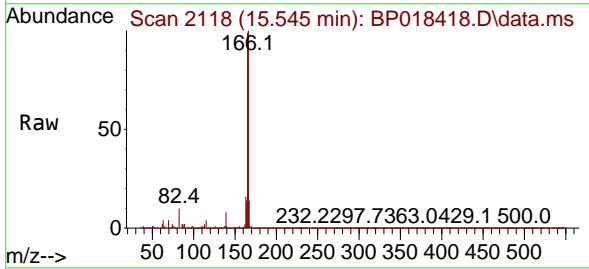
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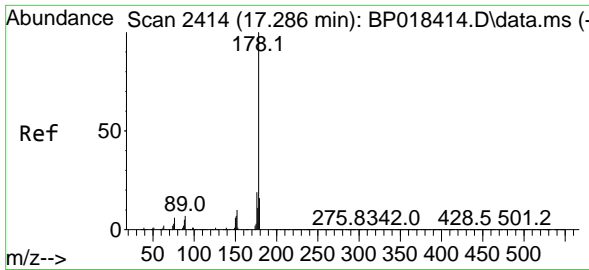
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#61
 Fluorene
 Concen: 63.925 ng/u1
 RT: 15.545 min Scan# 2118
 Delta R.T. 0.006 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42

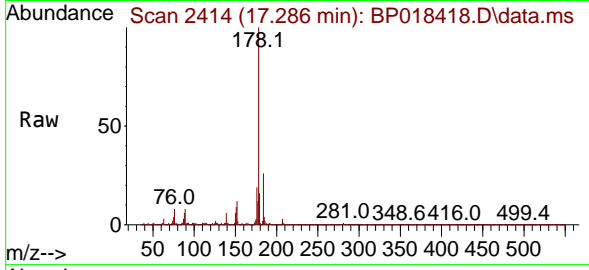
Tgt Ion:166 Resp: 4278689
 Ion Ratio Lower Upper
 166 100
 165 98.6 77.5 116.3
 167 13.6 10.6 16.0





#72
 Phenanthrene
 Concen: 5.035 ng/u1
 RT: 17.286 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42

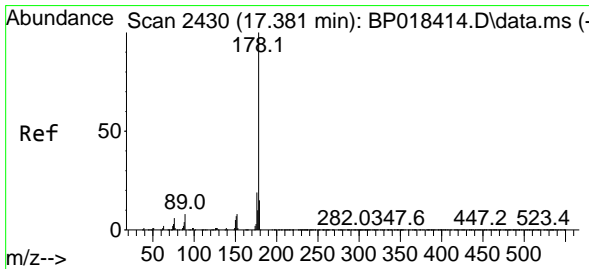
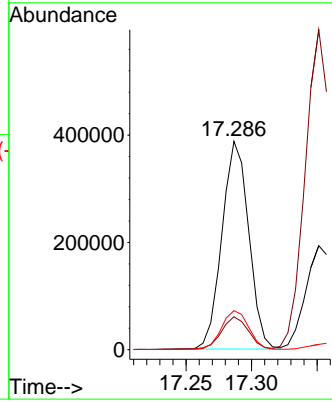
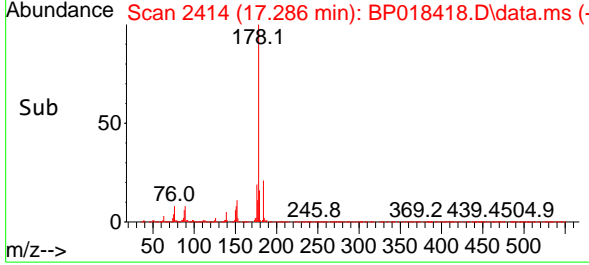
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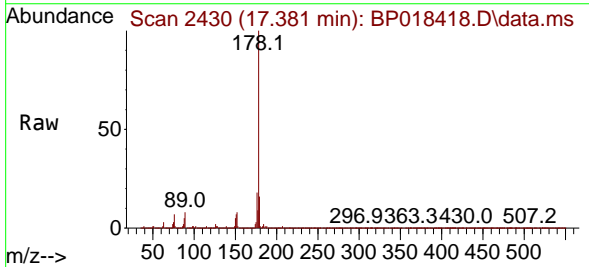
Tgt Ion:178 Resp: 549480
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.4 18.6
 176 18.7 15.1 22.7

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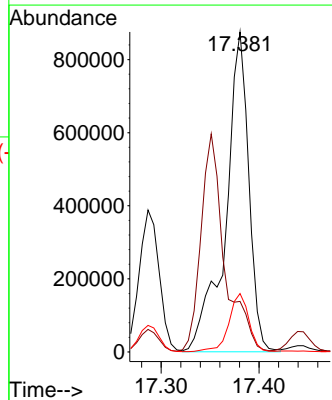
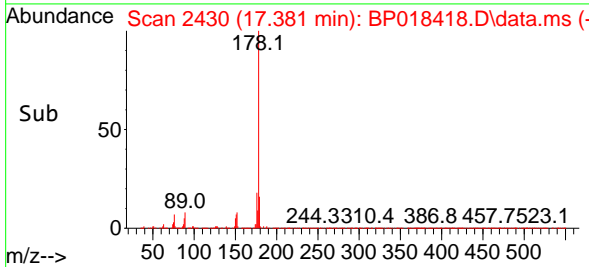
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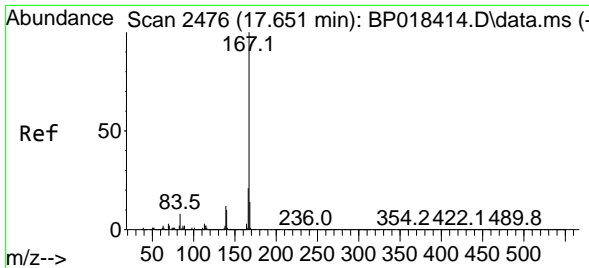


#74
 Anthracene
 Concen: 13.048 ng/u1 m
 RT: 17.381 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42



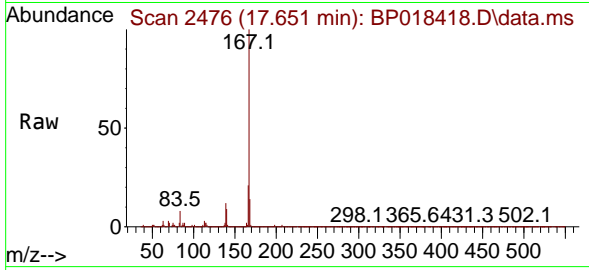
Tgt Ion:178 Resp: 1437355
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.4 18.6
 176 18.3 15.2 22.8





#77
 Carbazole
 Concen: 20.661 ng/u1
 RT: 17.651 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BP018418.D
 Acq: 28 Nov 2023 01:42

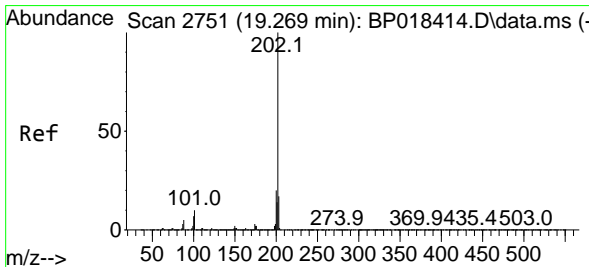
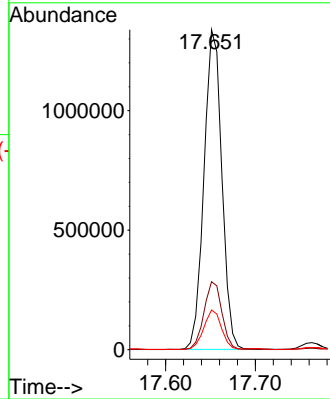
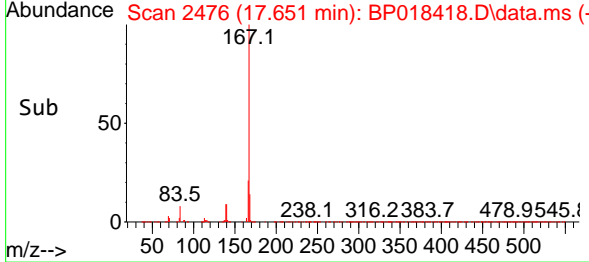
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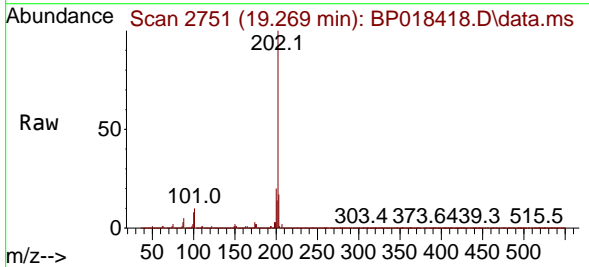
Tgt Ion:167 Resp: 1843874
 Ion Ratio Lower Upper
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 166 21.2 17.5 26.3
 139 12.4 10.0 15.0

Manual Integrations
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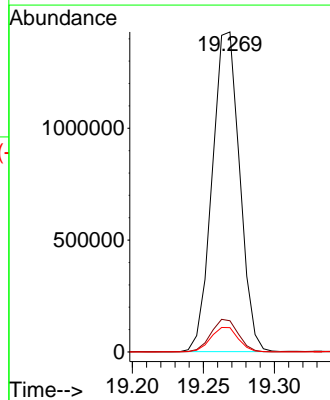
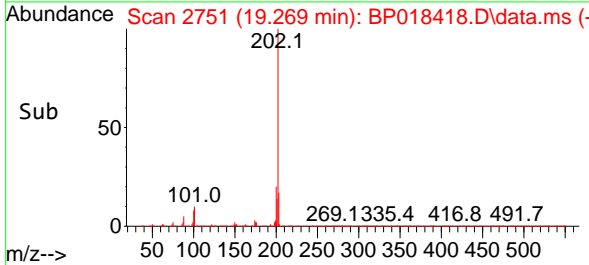
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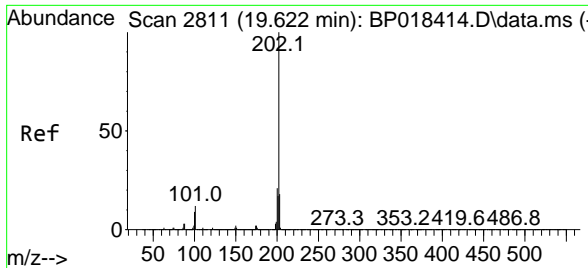


#80
 Fluoranthene
 Concen: 10.853 ng/u1
 RT: 19.269 min Scan# 2751
 Delta R.T. 0.000 min
 Lab File: BP018418.D
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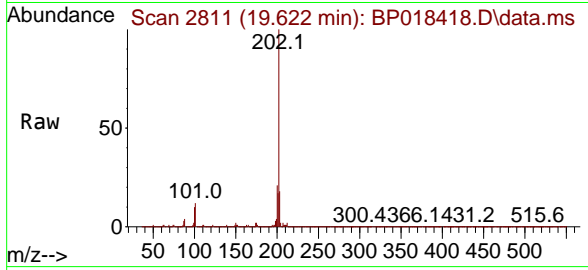
Tgt Ion:202 Resp: 1920474
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.6 13.0
 100 7.6 6.7 10.1





#82
 Pyrene
 Concen: 9.629 ng/ul
 RT: 19.622 min Scan# 2811
 Delta R.T. 0.000 min
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 Client Sample Id : YCG97



Tgt Ion: 202 Resp: 171584

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.2	15.4
100	9.8	8.4	12.6

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