

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018502.D
 Acq On : 02 Dec 2023 06:59
 Operator : MA/JU
 Sample : 05332-16DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YCG97DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 22:35:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	439993	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	1923519	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	1206303	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2419089	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1932878	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	2240565	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	10088	0.781	ng/uL	0.00
4) Pyridine-d5	3.699	84	69541	2.011	ng/u1	0.00
7) Phenol-d5	7.028	99	59335	1.344	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	197139	7.533	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	172222	4.999	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	116856	3.270	ng/u1	-0.01
21) Nitrobenzene-d5	9.022	128	105866	6.184	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	93069	5.244	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.281	165	205129	5.652	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	238957	5.038	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	833042	7.737	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	840969	7.094	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	15440	0.874	ng/u1	-0.01
60) Fluorene-d10	15.481	176	707636	7.830	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	67803	4.674	ng/u1	-0.01
73) Anthracene-d10	17.333	188	1048574	8.245	ng/u1	0.00
81) Pyrene-d10	19.569	212	1158346	7.699	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1040011	7.961	ng/u1	-0.01
Target Compounds						
					Qvalue	
43) 1,1'-Biphenyl	13.328	154	1462327	14.017	ng/u1	99
50) Acenaphthylene	14.216	152	5305333	39.803	ng/u1	99
52) Acenaphthene	14.551	153	1831201	20.778	ng/u1	99
56) Dibenzofuran	14.887	168	1982534	16.186	ng/u1	99
61) Fluorene	15.539	166	1685565	17.391	ng/u1	99
72) Phenanthrene	17.281	178	188722	1.292	ng/u1	99
74) Anthracene	17.369	178	484143m	3.306	ng/u1	
77) Carbazole	17.639	167	596395	5.110	ng/u1	98
80) Fluoranthene	19.245	202	581310	3.269	ng/u1	100
82) Pyrene	19.598	202	520039	2.898	ng/u1	99

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

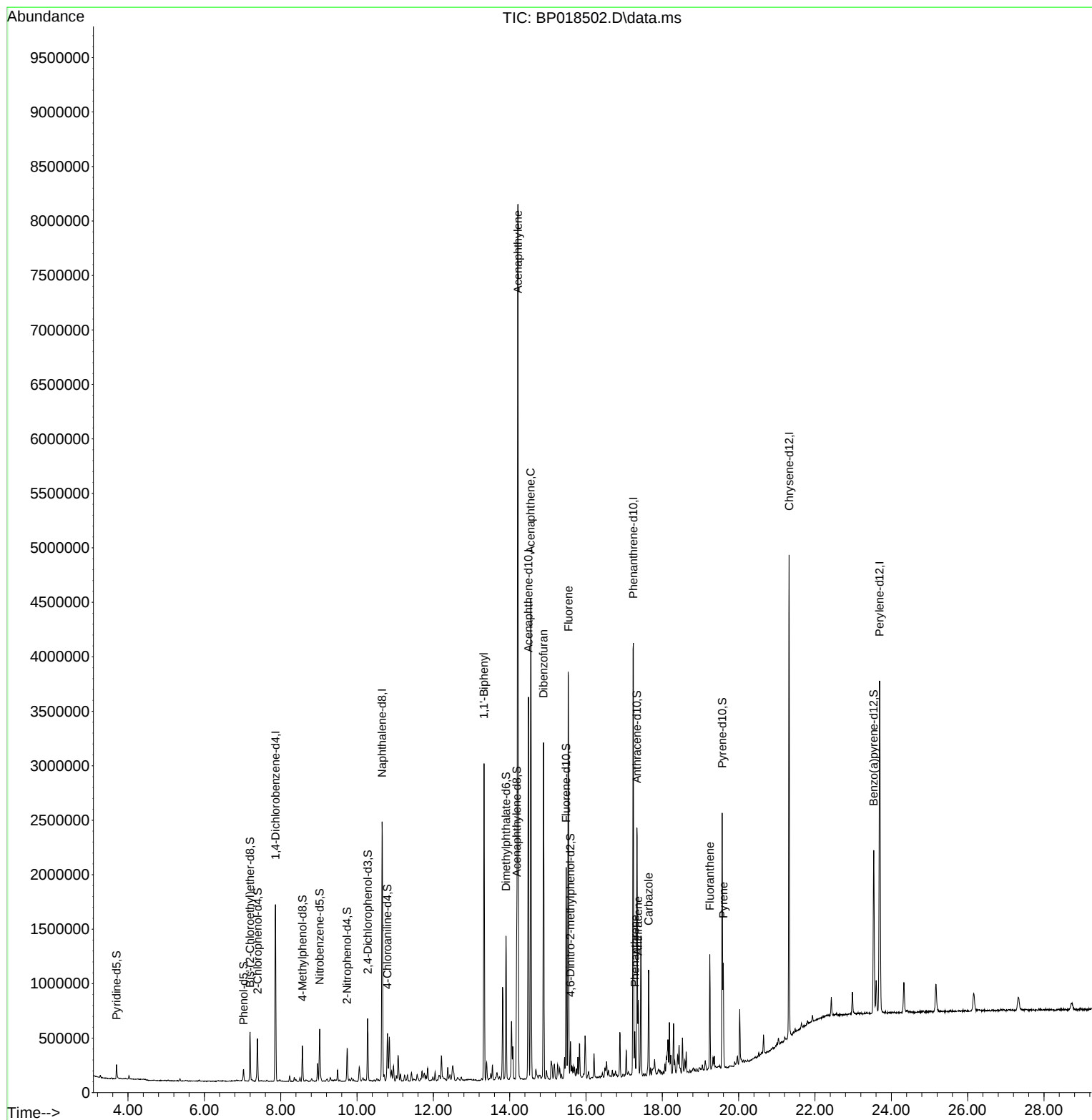
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
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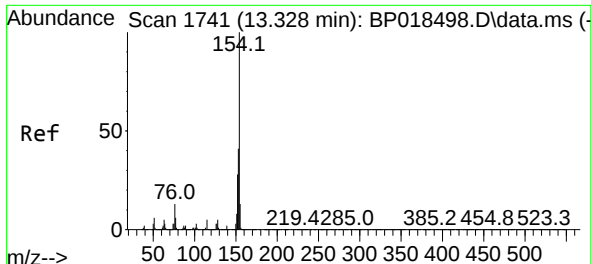
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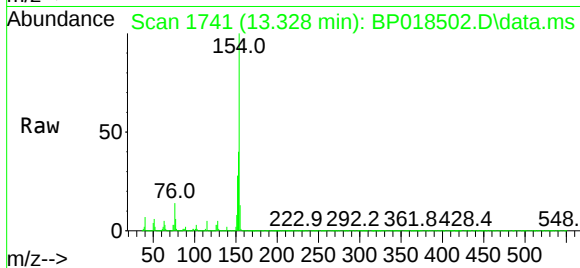
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023





#43
1,1'-Biphenyl
Concen: 14.017 ng/ul
RT: 13.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018502.D
Acq: 02 Dec 2023 06:59

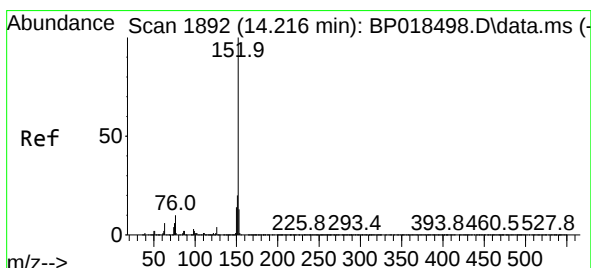
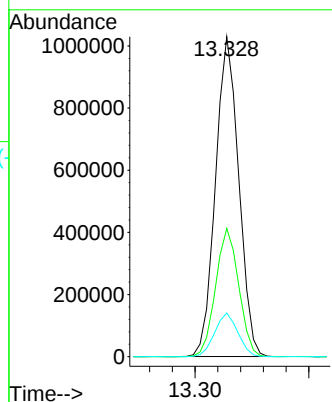
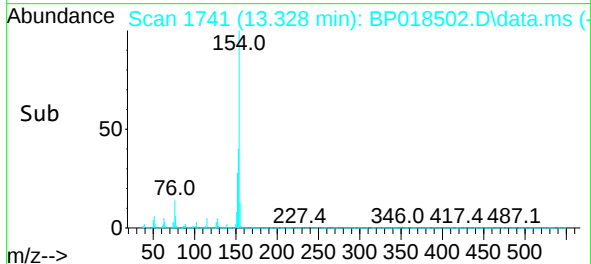
Instrument :
BNA_P
ClientSampleId :
YCG97DL



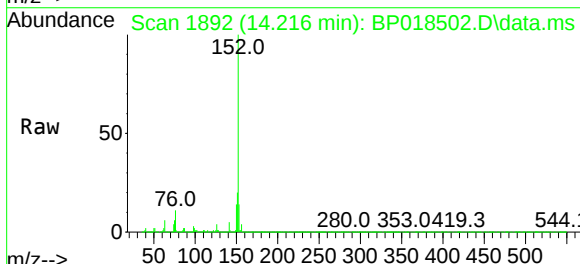
Tgt Ion:154 Resp: 1462327
Ion Ratio Lower Upper
154 100
153 40.1 32.8 49.2
76 13.7 10.7 16.1

Manual Integrations
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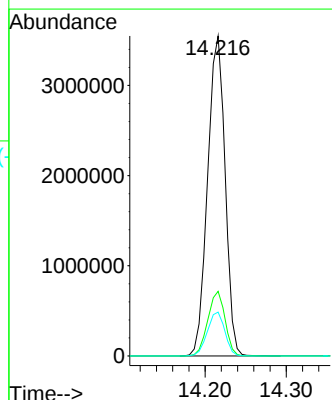
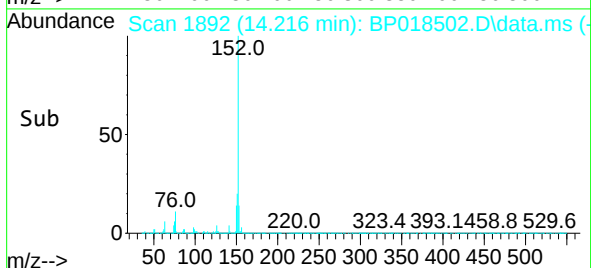
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

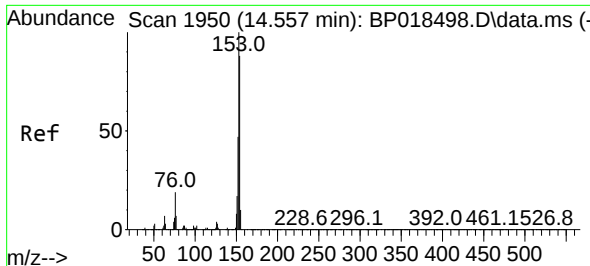


#50
Acenaphthylene
Concen: 39.803 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP018502.D
Acq: 02 Dec 2023 06:59



Tgt Ion:152 Resp: 5305333
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.7 10.6 16.0





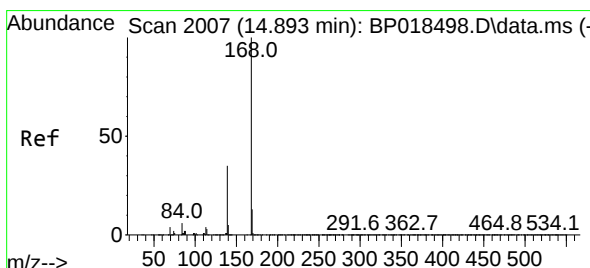
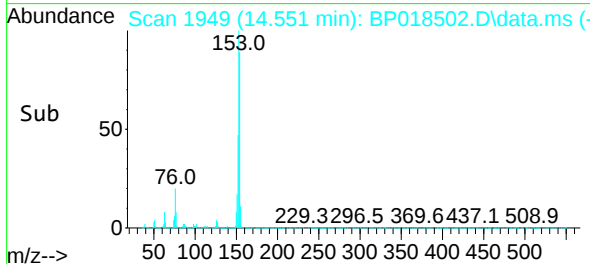
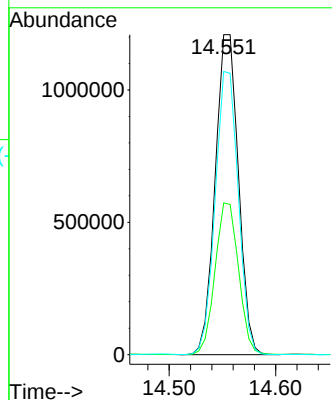
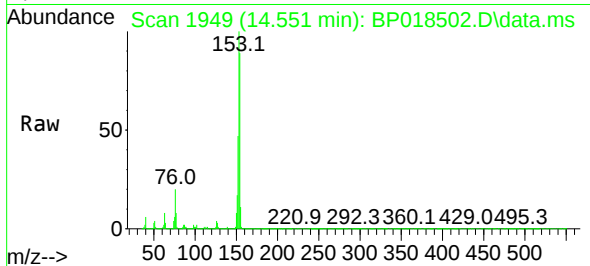
#52
Acenaphthene
Concen: 20.778 ng/ul
RT: 14.551 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP018502.D
Acq: 02 Dec 2023 06:59

Instrument :
BNA_P
ClientSampleId :
YCG97DL

Tgt Ion:153 Resp: 183120
Ion Ratio Lower Upper
153 100
152 47.4 38.1 57.1
154 88.5 71.7 107.5

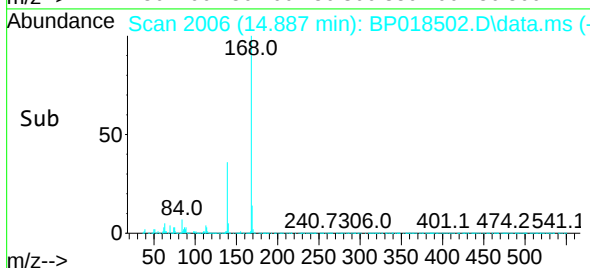
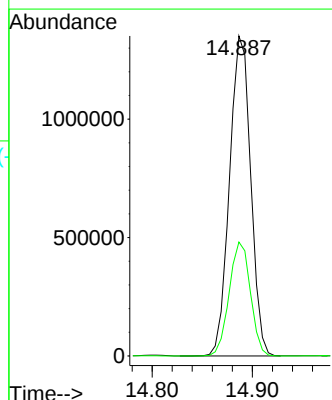
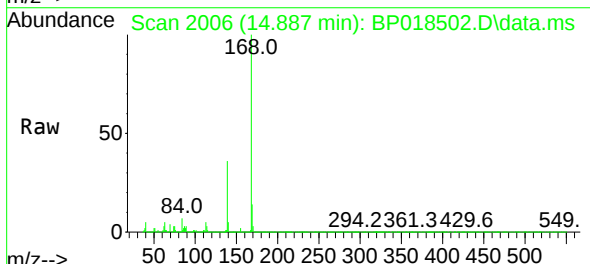
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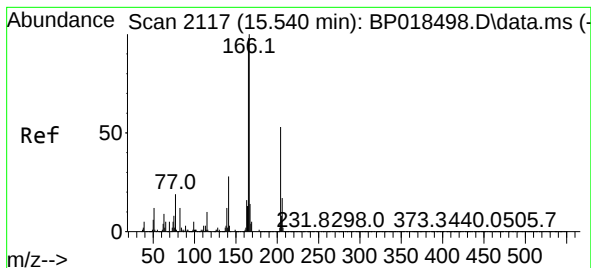
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#56
Dibenzofuran
Concen: 16.186 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018502.D
Acq: 02 Dec 2023 06:59

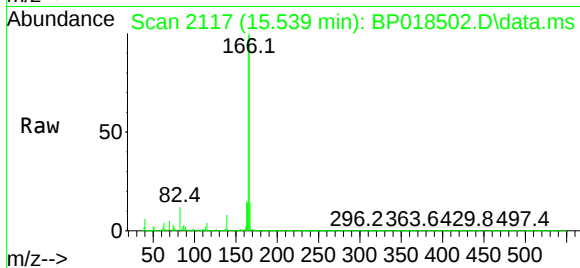
Tgt Ion:168 Resp: 1982534
Ion Ratio Lower Upper
168 100
139 35.6 29.1 43.7





#61
Fluorene
Concen: 17.391 ng/u1
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP018502.D
Acq: 02 Dec 2023 06:59

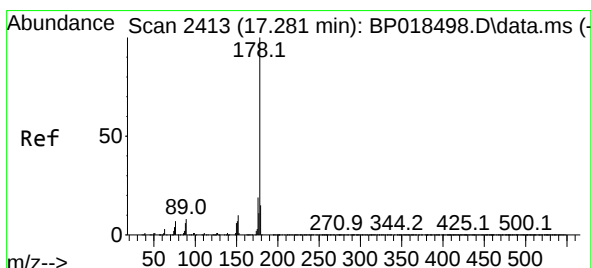
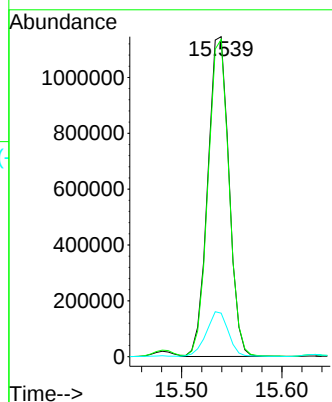
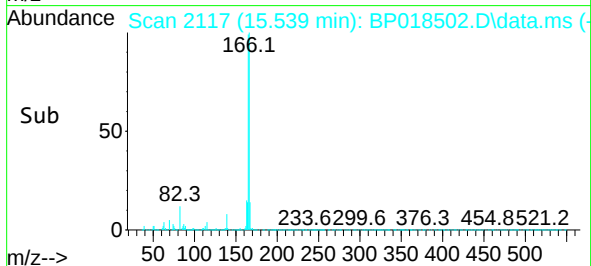
Instrument :
BNA_P
ClientSampleId :
YCG97DL



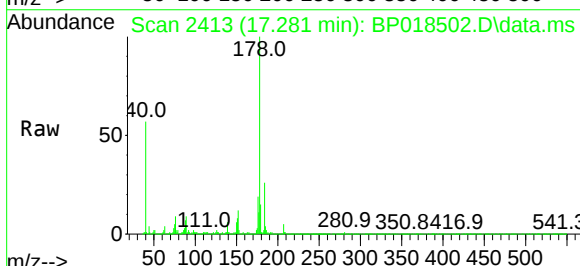
Tgt Ion:166 Resp: 168556
Ion Ratio Lower Upper
166 100
165 99.2 78.0 117.0
167 13.6 10.8 16.2

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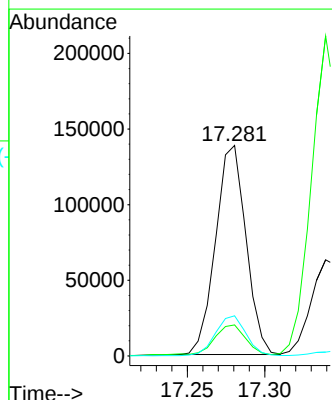
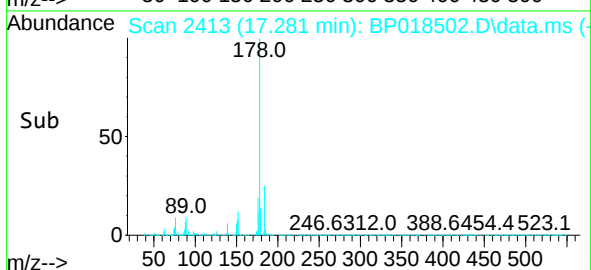
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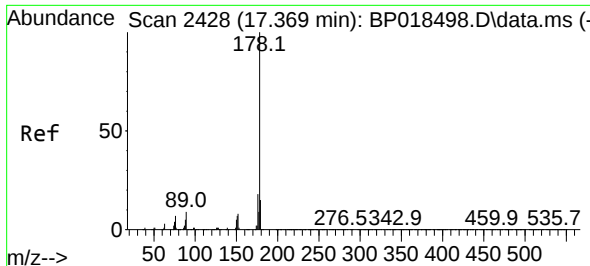


#72
Phenanthrene
Concen: 1.292 ng/u1
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP018502.D
Acq: 02 Dec 2023 06:59



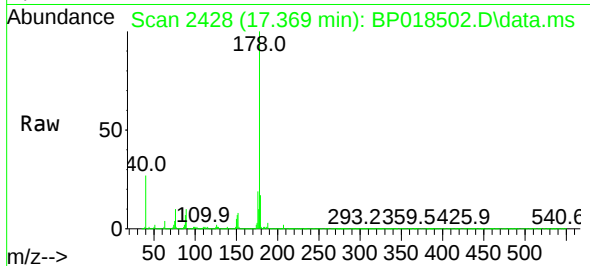
Tgt Ion:178 Resp: 188722
Ion Ratio Lower Upper
178 100
179 14.8 12.3 18.5
176 19.1 15.4 23.2





#74
 Anthracene
 Concen: 3.306 ng/ul m
 RT: 17.369 min Scan# 2428
 Delta R.T. -0.006 min
 Lab File: BP018502.D
 Acq: 02 Dec 2023 06:59

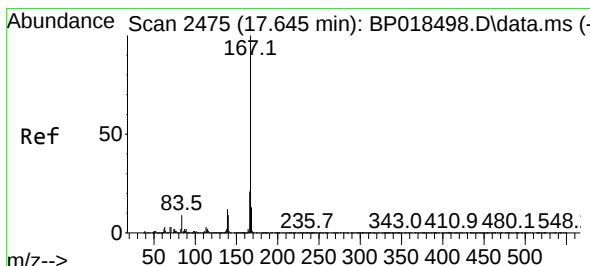
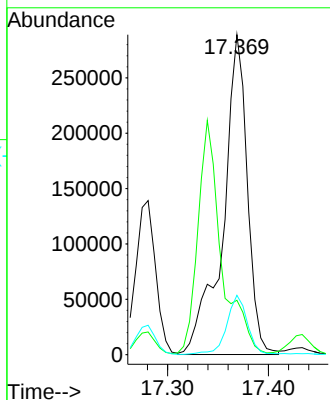
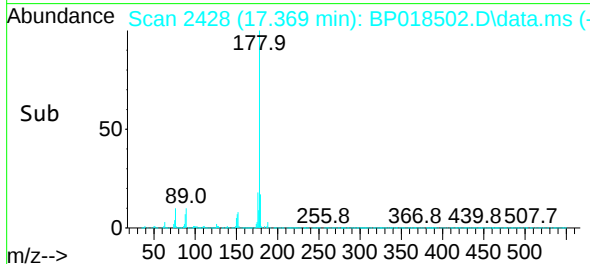
Instrument :
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 ClientSampleId :
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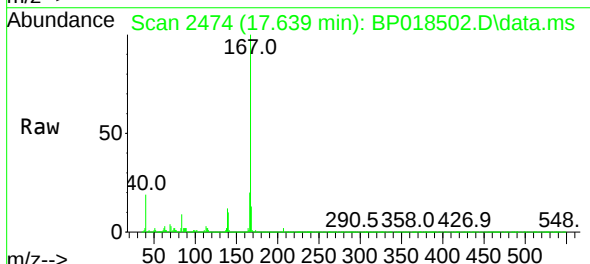
Tgt Ion:178 Resp: 48414
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.5 18.7
 176 18.5 15.0 22.6

Manual Integrations
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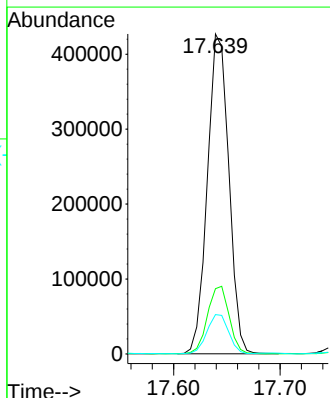
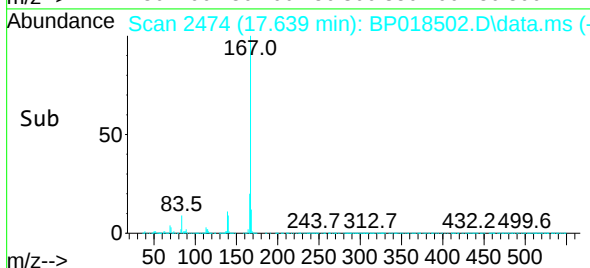
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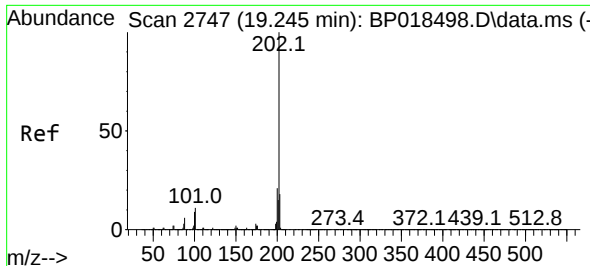


#77
 Carbazole
 Concen: 5.110 ng/ul
 RT: 17.639 min Scan# 2474
 Delta R.T. -0.012 min
 Lab File: BP018502.D
 Acq: 02 Dec 2023 06:59



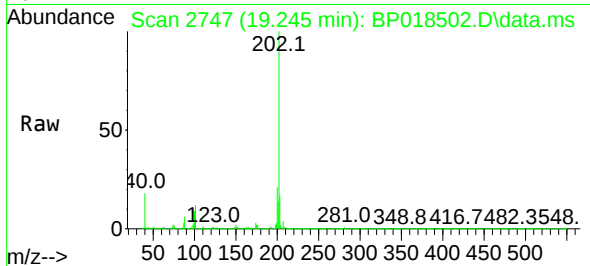
Tgt Ion:167 Resp: 596395
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.1 25.7
 139 12.3 10.2 15.4





#80
Fluoranthene
Concen: 3.269 ng/u1
RT: 19.245 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BP018502.D
Acq: 02 Dec 2023 06:59

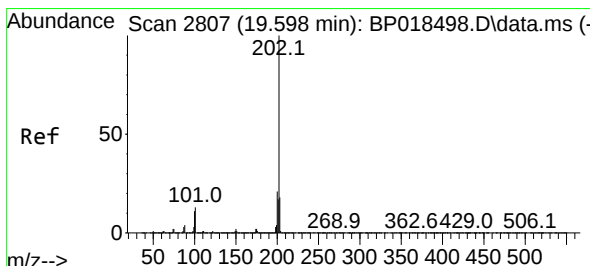
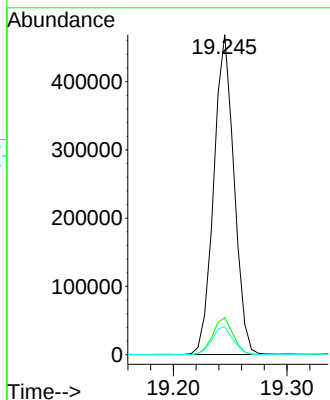
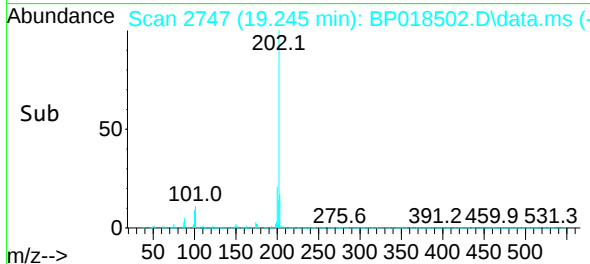
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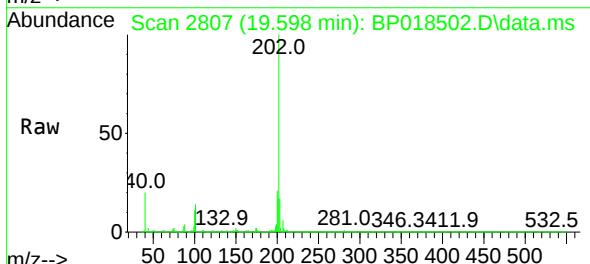
Tgt Ion:202 Resp: 581310
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 8.7 7.1 10.7

Manual Integrations
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#82
Pyrene
Concen: 2.898 ng/u1
RT: 19.598 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BP018502.D
Acq: 02 Dec 2023 06:59



Tgt Ion:202 Resp: 520039
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 11.0 9.1 13.7

