

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051514.D
 Acq On : 14 Dec 2021 22:04
 Operator : CG/JU
 Sample : M5013-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 15 05:25:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.283	152	31441	20.000	ng/u1	0.00
20) Naphthalene-d8	11.273	136	576915m	20.000	ng/u1	0.15
38) Acenaphthene-d10	14.915	164	98633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.664	188	227223	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.982	240	237522	20.000	ng/u1	# 0.00
88) Perylene-d12	25.483	264	234518	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.613	96	4224	5.579	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.419	99	38474	13.705	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.590	67	55836	33.458	ng/u1	0.00
11) 2-Chlorophenol-d4	7.807	132	65833	33.718	ng/u1	0.00
15) 4-Methylphenol-d8	9.011	113	55675	25.657	ng/u1	0.03
21) Nitrobenzene-d5	9.458	128	38092	9.006	ng/u1	0.00
24) 2-Nitrophenol-d4	10.210	143	41146	8.899	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.785	165	76571	7.636	ng/u1	0.05
31) 4-Chloroaniline-d4	11.326	131	67334m	5.100	ng/u1	0.08
46) Dimethylphthalate-d6	14.316	166	259918	32.924	ng/u1	0.00
49) Acenaphthylene-d8	14.615	160	335228	34.191	ng/u1	0.00
54) 4-Nitrophenol-d4	15.080	143	18362	14.303	ng/u1	0.00
60) Fluorene-d10	15.908	176	242616	34.302	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.008	200	48680	41.120	ng/u1	0.00
73) Anthracene-d10	17.764	188	399355	36.844	ng/u1	0.00
81) Pyrene-d10	20.038	212	494364	34.582	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.236	264	473780	38.396	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	9.105	105	8989m	2.637	ng/u1	
30) Naphthalene	11.320	128	24142898m	776.762	ng/u1	
36) 2-Methylnaphthalene	12.800	142	4929412	222.305	ng/u1	95
37) 1-Methylnaphthalene	13.006	142	2619252	113.763	ng/u1#	98
43) 1,1'-Biphenyl	13.758	154	989920	131.022	ng/u1#	97
50) Acenaphthylene	14.639	152	116829	12.179	ng/u1#	94
52) Acenaphthene	14.991	153	1533254	241.940	ng/u1	93
56) Dibenzofuran	15.320	168	2394366	256.546	ng/u1	92
61) Fluorene	15.967	166	1180971	153.570	ng/u1	98
72) Phenanthrene	17.711	178	1413412	120.937	ng/u1	96
74) Anthracene	17.799	178	84615	7.167	ng/u1	98
77) Carbazole	18.070	167	2287162	216.330	ng/u1#	92
80) Fluoranthene	19.703	202	144724	8.820	ng/u1#	89
82) Pyrene	20.061	202	75641	4.658	ng/u1#	88

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

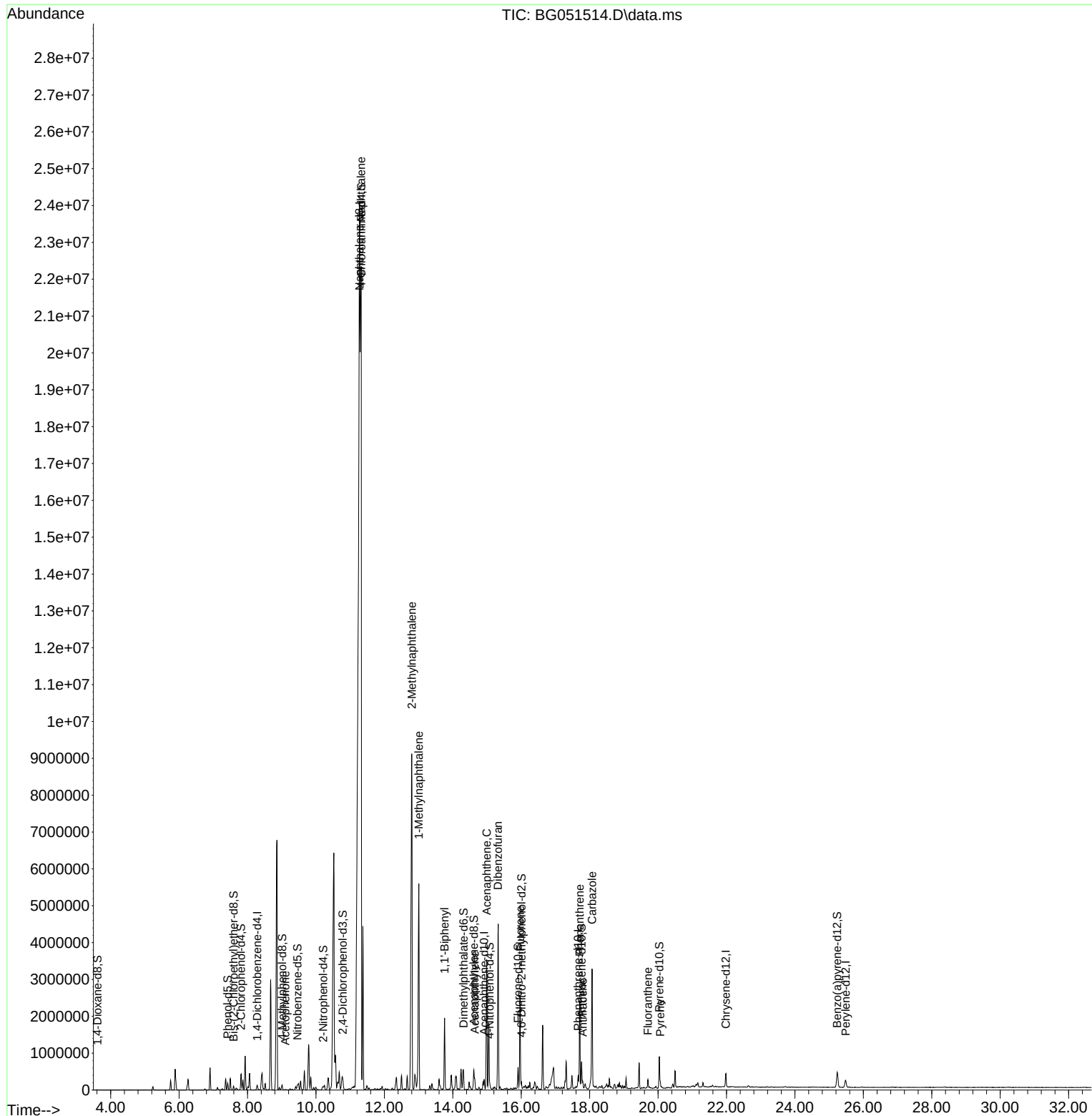
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051514.D
 Acq On : 14 Dec 2021 22:04
 Operator : CG/JU
 Sample : M5013-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

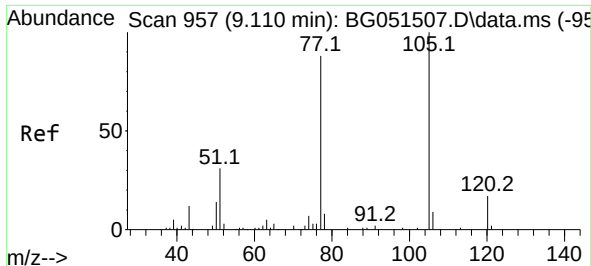
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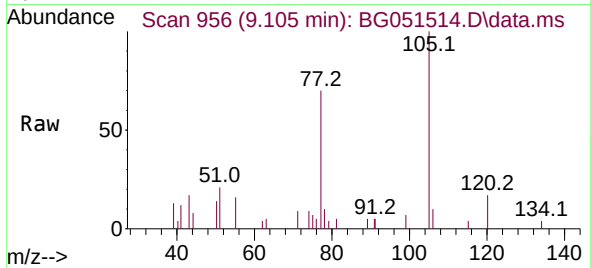
Quant Time: Dec 15 05:25:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 2.637 ng/ul m
RT: 9.105 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04

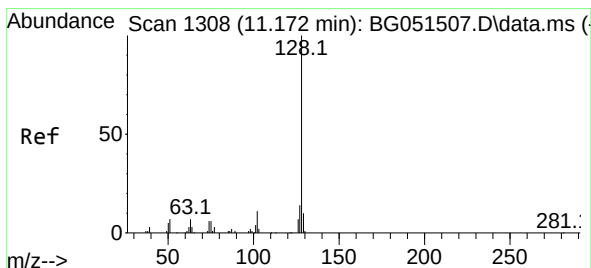
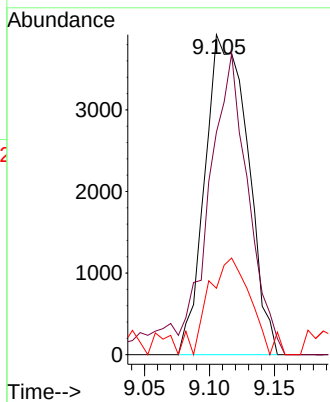
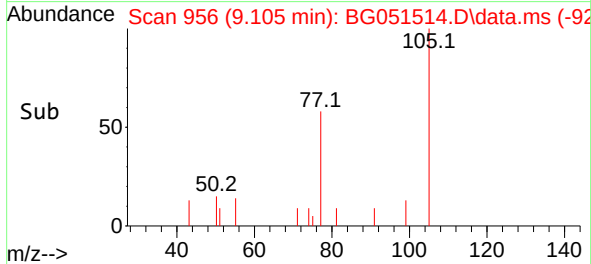
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:105 Resp: 898
Ion Ratio Lower Upper
105 100
77 69.6 67.3 100.9
51 20.7 24.0 36.0

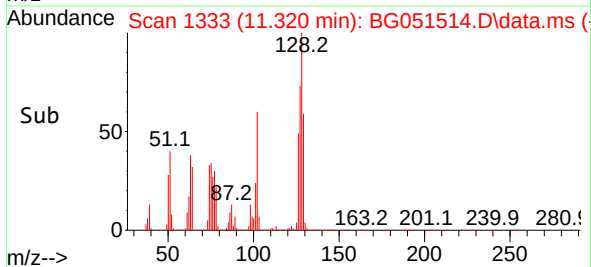
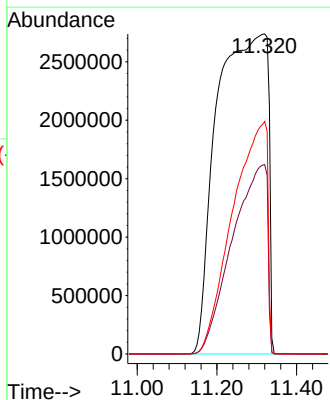
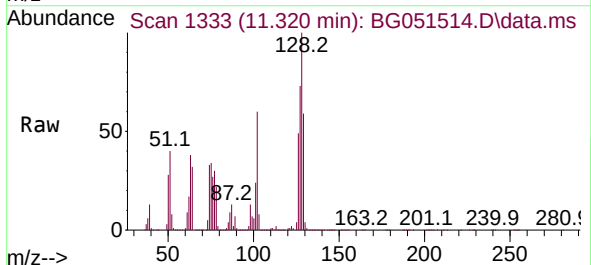
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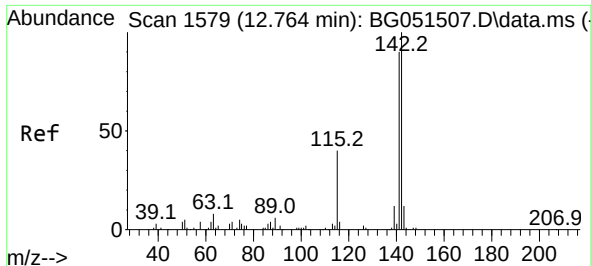
Reviewed By :Jagrut Upadhyay 12/15/2021
Supervised By :Yogesh Patel 12/23/2021



#30
Naphthalene
Concen: 776.762 ng/ul m
RT: 11.320 min Scan# 1333
Delta R.T. 0.143 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04

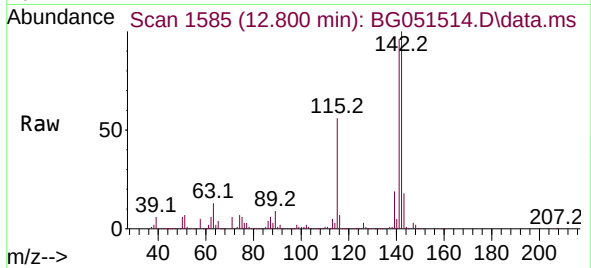
Tgt Ion:128 Resp:24142898
Ion Ratio Lower Upper
128 100
129 59.2 8.5 12.7#
127 72.6 11.8 17.6#





#36
2-Methylnaphthalene
Concen: 222.305 ng/ul
RT: 12.800 min Scan# 11
Delta R.T. 0.031 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04

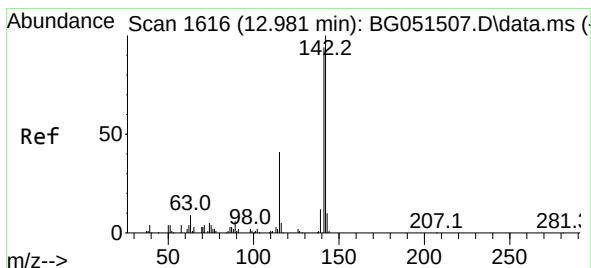
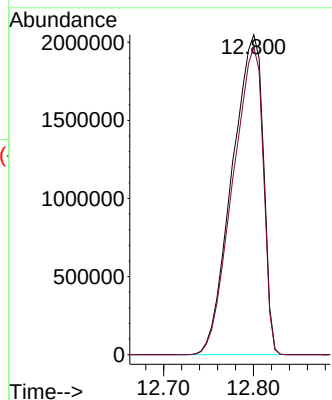
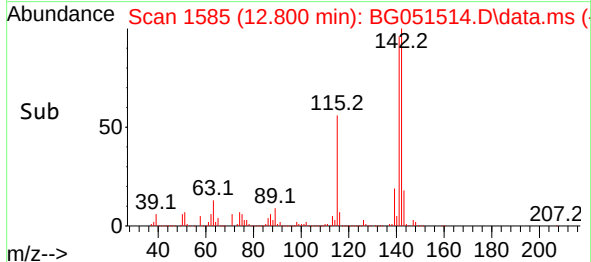
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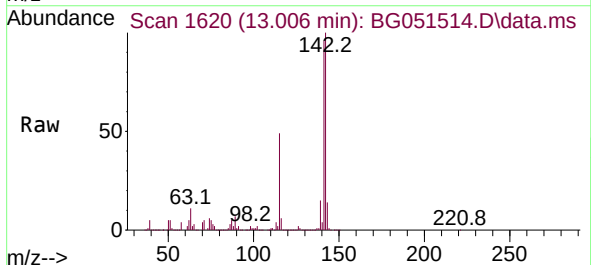
Tgt Ion:142 Resp: 492941
Ion Ratio Lower Upper
142 100
141 96.3 73.3 109.9

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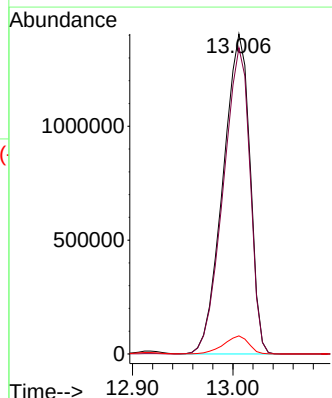
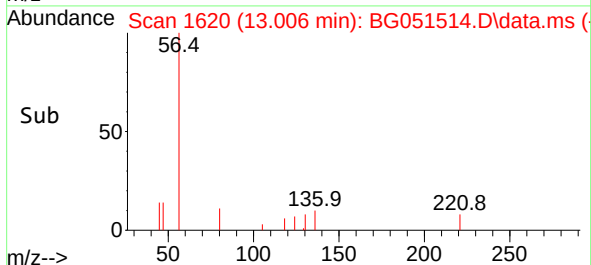
Reviewed By :Jagrut Upadhyay 12/15/2021
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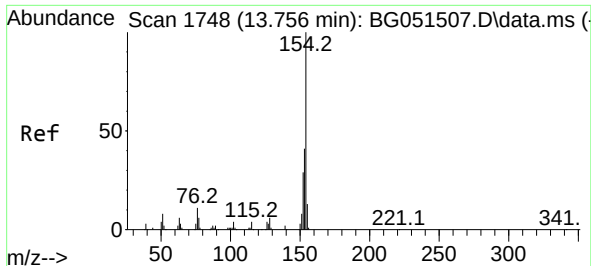


#37
1-Methylnaphthalene
Concen: 113.763 ng/ul
RT: 13.006 min Scan# 1620
Delta R.T. 0.020 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04



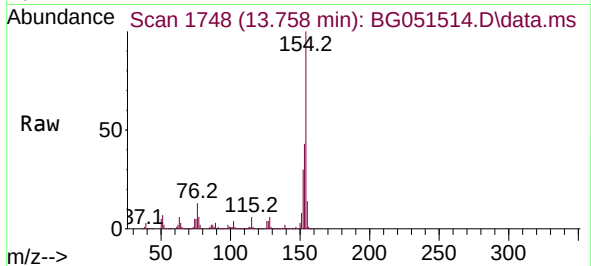
Tgt Ion:142 Resp: 2619252
Ion Ratio Lower Upper
142 100
141 95.7 77.8 116.8
116 5.7 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 131.022 ng/ul
RT: 13.758 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04

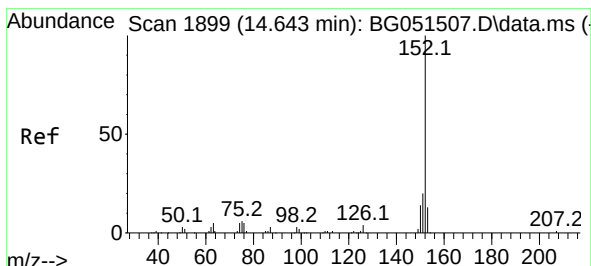
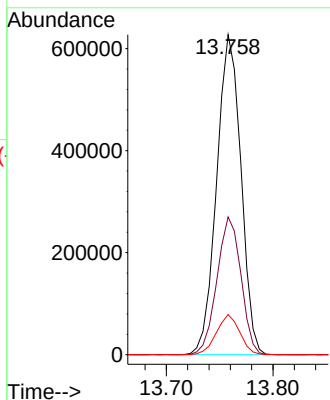
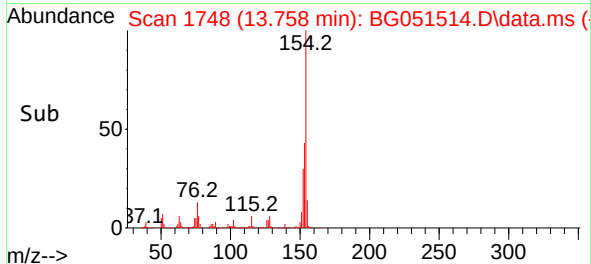
Instrument :
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ClientSampleId :
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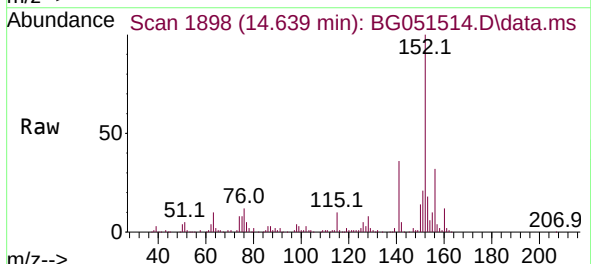
Tgt Ion:154 Resp: 989920
Ion Ratio Lower Upper
154 100
153 43.1 34.5 51.7
76 12.5 13.1 19.7

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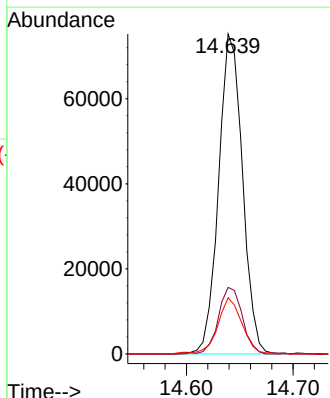
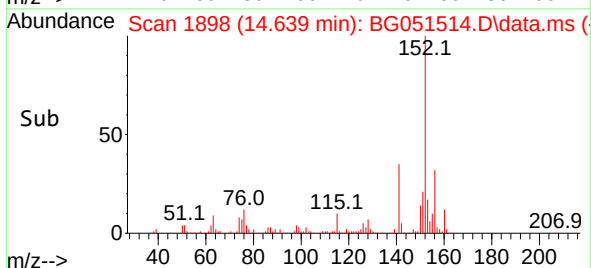
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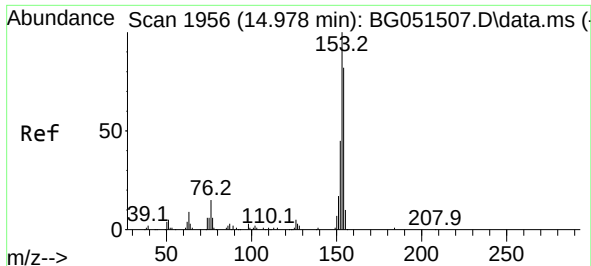


#50
Acenaphthylene
Concen: 12.179 ng/ul
RT: 14.639 min Scan# 1898
Delta R.T. -0.004 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04



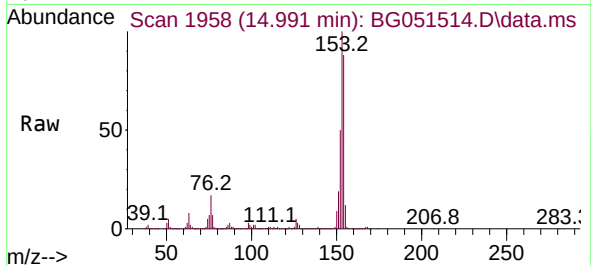
Tgt Ion:152 Resp: 116829
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.0
153 17.5 10.3 15.5#





#52
Acenaphthene
Concen: 241.940 ng/ul
RT: 14.991 min Scan# 1958
Delta R.T. 0.008 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04

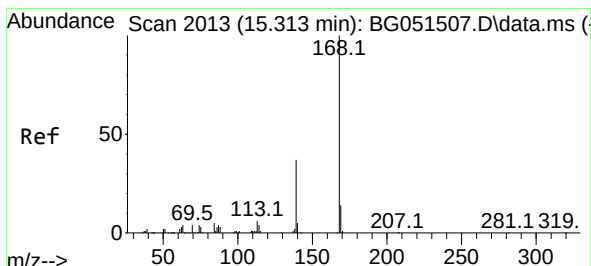
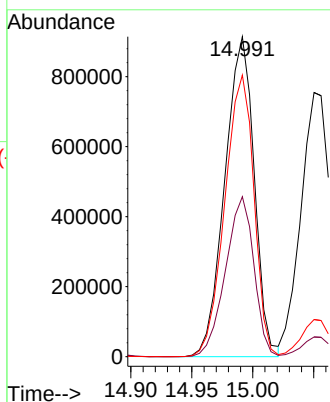
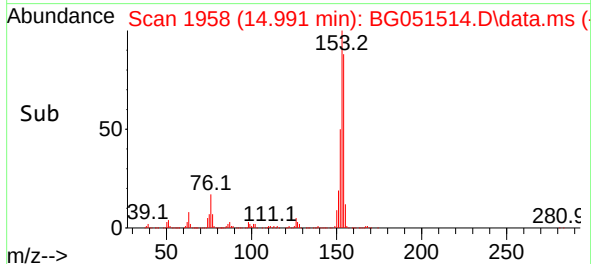
Instrument :
BNA_G
ClientSampleId :
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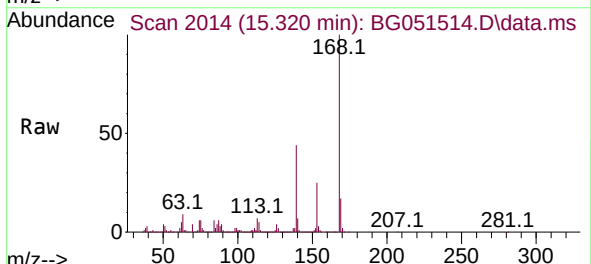
Tgt Ion:153 Resp: 1533254
Ion Ratio Lower Upper
153 100
152 50.0 36.5 54.7
154 88.0 65.8 98.6

Manual Integrations
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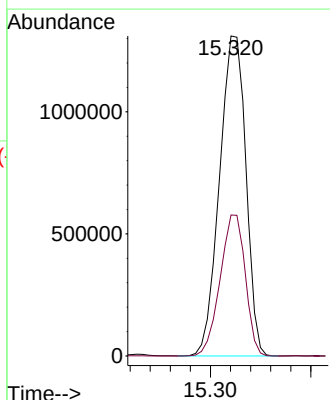
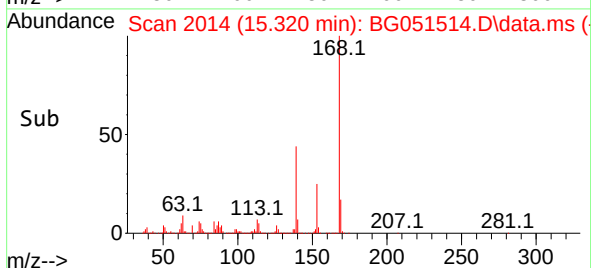
Reviewed By :Jagrut Upadhyay 12/15/2021
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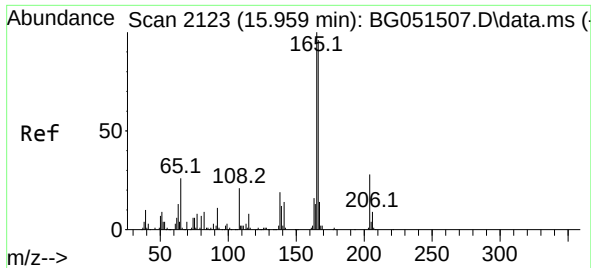


#56
Dibenzofuran
Concen: 256.546 ng/ul
RT: 15.320 min Scan# 2014
Delta R.T. 0.002 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04



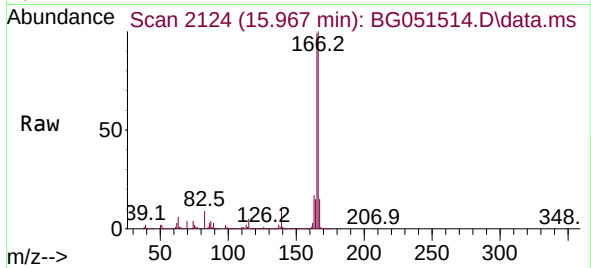
Tgt Ion:168 Resp: 2394366
Ion Ratio Lower Upper
168 100
139 44.1 31.2 46.8





#61
Fluorene
Concen: 153.570 ng/ul
RT: 15.967 min Scan# 2123
Delta R.T. 0.002 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04

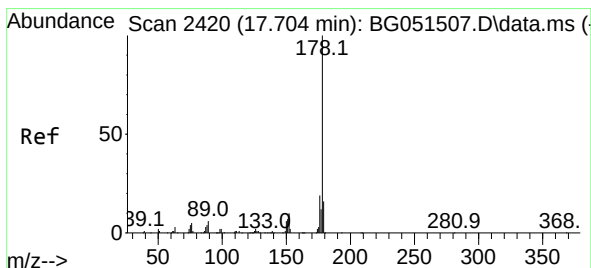
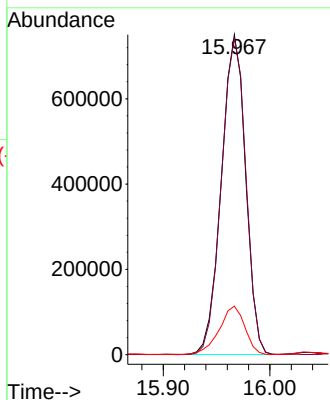
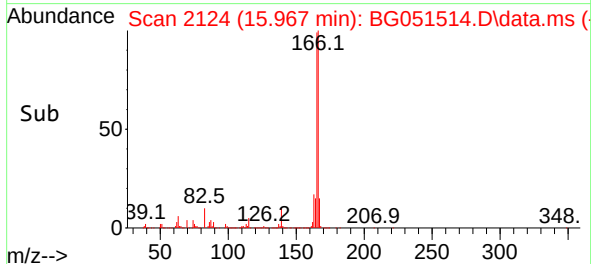
Instrument :
BNA_G
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DBLT3



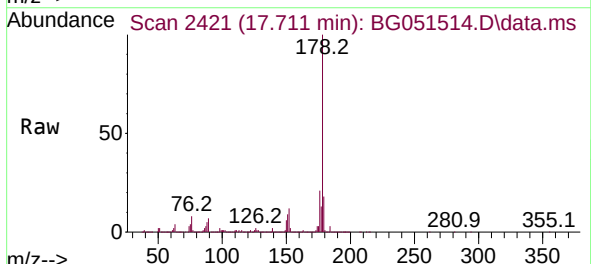
Tgt Ion:166 Resp: 118097
Ion Ratio Lower Upper
166 100
165 99.0 81.0 121.6
167 15.2 11.0 16.4

Manual Integrations
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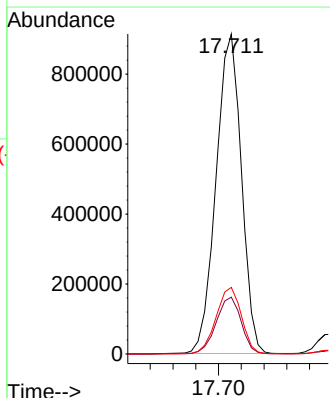
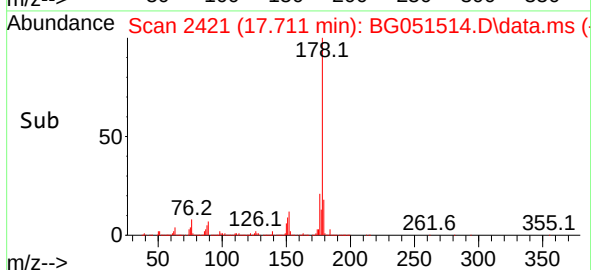
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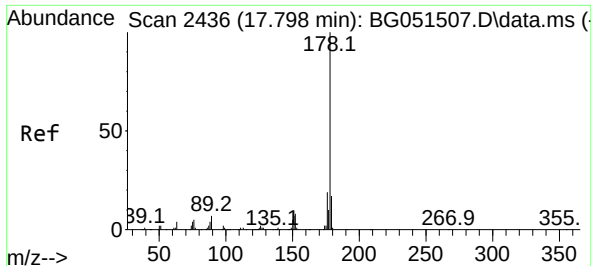


#72
Phenanthrene
Concen: 120.937 ng/ul
RT: 17.711 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04



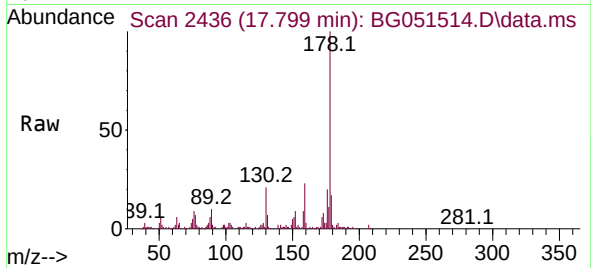
Tgt Ion:178 Resp: 1413412
Ion Ratio Lower Upper
178 100
179 17.8 12.3 18.5
176 20.8 15.5 23.3





#74
 Anthracene
 Concen: 7.167 ng/ul
 RT: 17.799 min Scan# 2436
 Delta R.T. 0.002 min
 Lab File: BG051514.D
 Acq: 14 Dec 2021 22:04

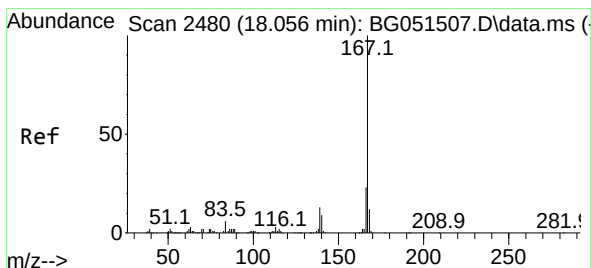
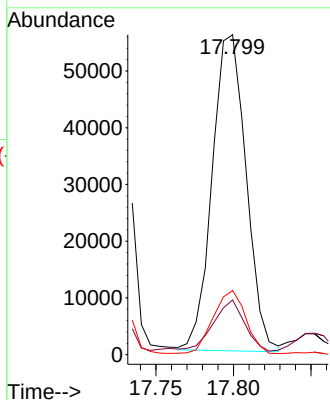
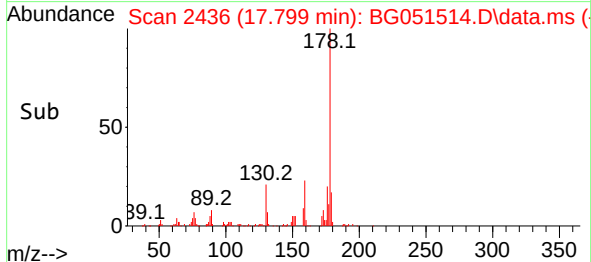
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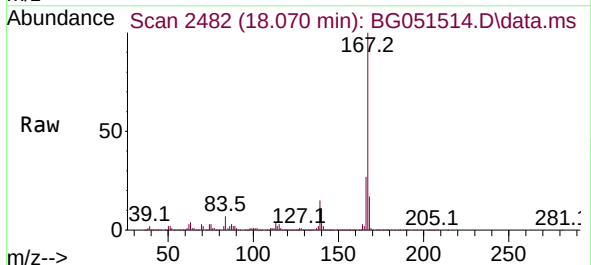
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 Ion Ratio Lower Upper
 178 100
 179 17.1 13.0 19.6
 176 20.1 15.6 23.4

Manual Integrations
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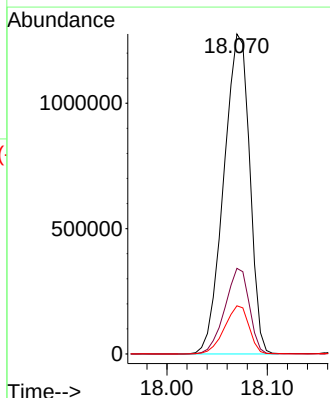
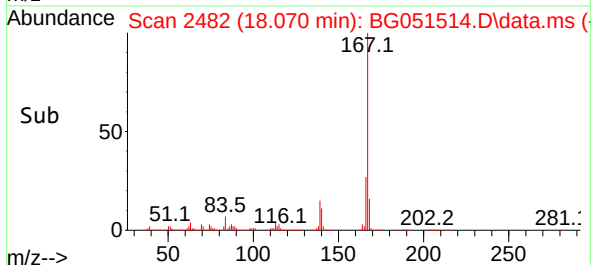
Reviewed By :Jagrut Upadhyay 12/15/2021
 Supervised By :Yogesh Patel 12/23/2021

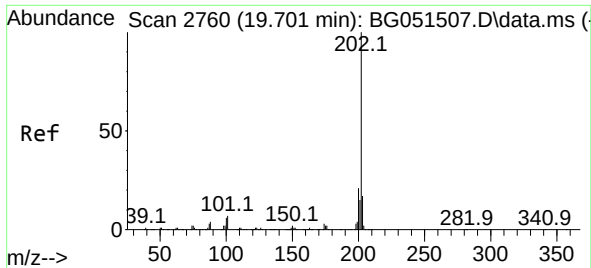


#77
 Carbazole
 Concen: 216.330 ng/ul
 RT: 18.070 min Scan# 2482
 Delta R.T. 0.008 min
 Lab File: BG051514.D
 Acq: 14 Dec 2021 22:04



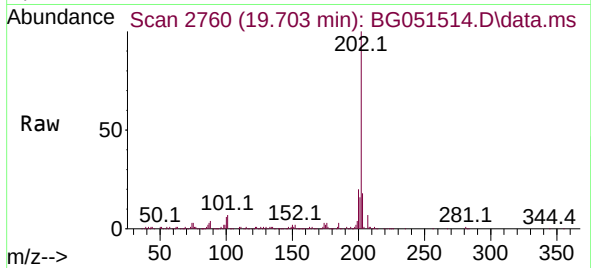
Tgt Ion:167 Resp: 2287162
 Ion Ratio Lower Upper
 167 100
 166 26.7 17.3 25.9#
 139 15.1 10.6 16.0





#80
Fluoranthene
Concen: 8.820 ng/ul
RT: 19.703 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04

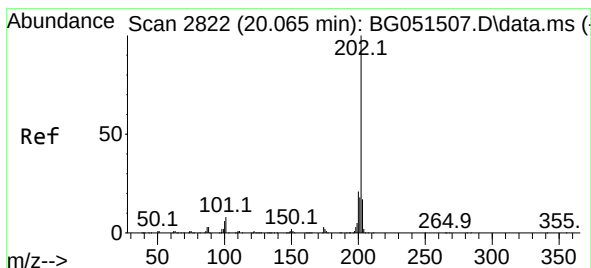
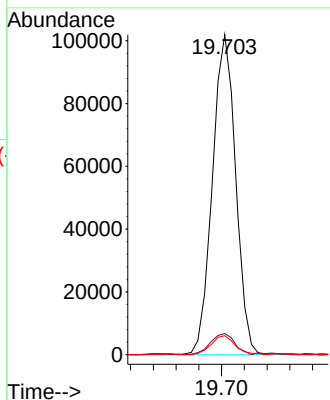
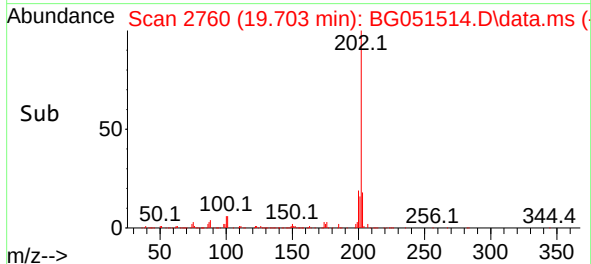
Instrument :
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Tgt Ion:202 Resp: 144724
Ion Ratio Lower Upper
202 100
101 6.6 9.3 13.9#
100 6.0 7.0 10.6#

Manual Integrations
APPROVED

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#82
Pyrene
Concen: 4.658 ng/ul
RT: 20.061 min Scan# 2821
Delta R.T. -0.004 min
Lab File: BG051514.D
Acq: 14 Dec 2021 22:04

Tgt Ion:202 Resp: 75641
Ion Ratio Lower Upper
202 100
101 8.3 10.7 16.1#
100 7.0 9.0 13.6#

