

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051511.D
 Acq On : 14 Dec 2021 20:03
 Operator : CG/JU
 Sample : M5013-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 14 23:49:25 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	8.284	152	32065	20.000	ng/ul	0.00
20) Naphthalene-d8	11.227	136	95603m	20.000	ng/ul	0.10
38) Acenaphthene-d10	14.922	164	101920	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.665	188	245230	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.983	240	260006	20.000	ng/ul	# 0.00
88) Perylene-d12	25.484	264	265949	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.608	96	2969	3.845	ng/uL	0.00
4) Pyridine-d5	4.043	84	14388	6.168	ng/ul	0.00
7) Phenol-d5	7.409	99	30233	10.560	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.591	67	47288	27.784	ng/ul	0.00
11) 2-Chlorophenol-d4	7.808	132	52352	26.292	ng/ul	0.00
15) 4-Methylphenol-d8	8.977	113	44400	20.063	ng/ul	0.00
21) Nitrobenzene-d5	9.459	128	29741	42.431	ng/ul	0.00
24) 2-Nitrophenol-d4	10.193	143	32206	42.032	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.745	165	62106	37.377	ng/ul	0.01
31) 4-Chloroaniline-d4	11.280	131	63521	29.035	ng/ul	0.04
46) Dimethylphthalate-d6	14.317	166	222950	27.330	ng/ul	0.00
49) Acenaphthylene-d8	14.611	160	282874	27.921	ng/ul	0.00
54) 4-Nitrophenol-d4	15.081	143	11312	8.527	ng/ul	0.00
60) Fluorene-d10	15.903	176	213266	29.180	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.009	200	39242	30.714	ng/ul	0.00
73) Anthracene-d10	17.765	188	349743	29.897	ng/ul	0.00
81) Pyrene-d10	20.039	212	461403	29.486	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.243	264	417175	29.813	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.438	94	4108	1.443	ng/ul#	77
30) Naphthalene	11.280	128	17327226	3364.091	ng/ul#	1
36) 2-Methylnaphthalene	12.795	142	3878942	1055.622	ng/ul	97
37) 1-Methylnaphthalene	13.001	142	1974954	517.633	ng/ul#	97
43) 1,1'-Biphenyl	13.759	154	1021807	130.881	ng/ul#	96
50) Acenaphthylene	14.640	152	130290m	13.144	ng/ul	
52) Acenaphthene	14.998	153	2567602	392.088	ng/ul	90
56) Dibenzofuran	15.327	168	2954329	306.335	ng/ul#	85
61) Fluorene	15.968	166	1168307	147.023	ng/ul	98
72) Phenanthrene	17.712	178	2043034m	161.974	ng/ul	
74) Anthracene	17.800	178	29451	2.311	ng/ul	97
77) Carbazole	18.065	167	1500016	131.460	ng/ul	95
80) Fluoranthene	19.704	202	199207	11.090	ng/ul#	88
82) Pyrene	20.062	202	90788	5.107	ng/ul#	88

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

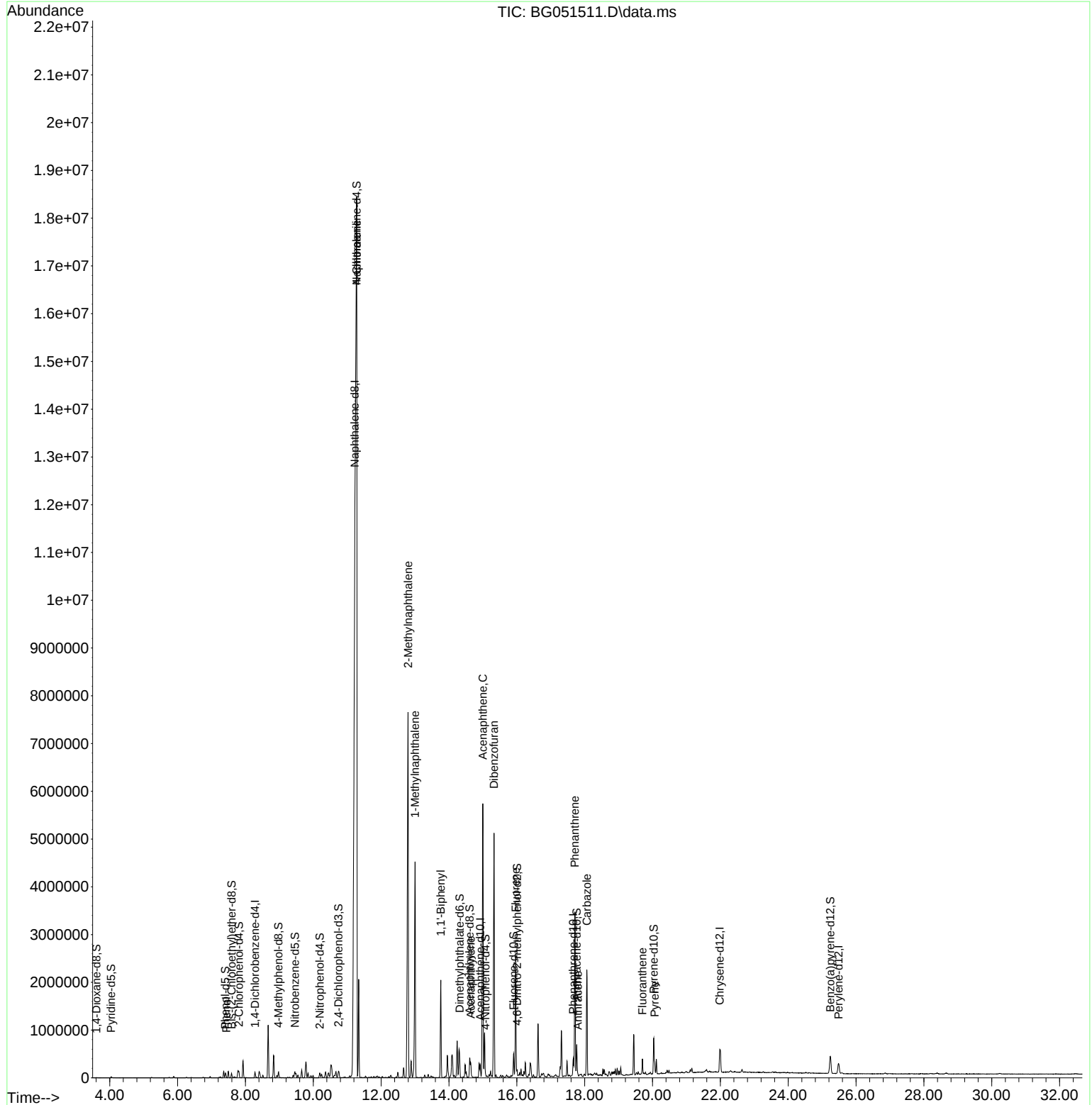
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051511.D
Acq On : 14 Dec 2021 20:03
Operator : CG/JU
Sample : M5013-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

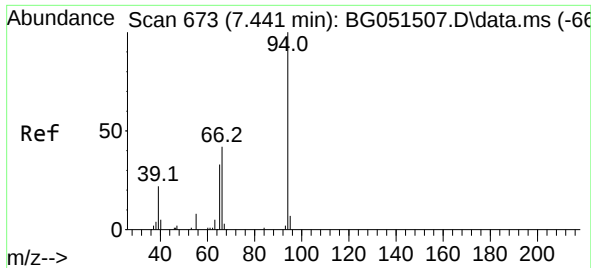
Instrument :
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ClientSampleId :
DBLT2

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





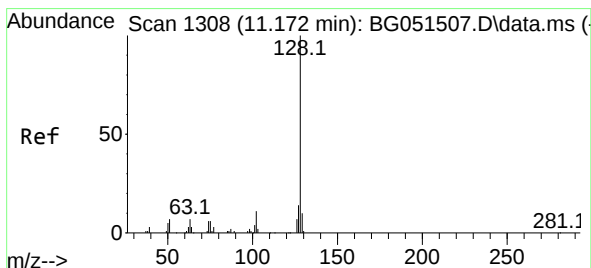
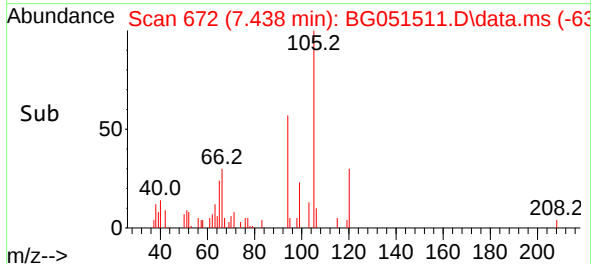
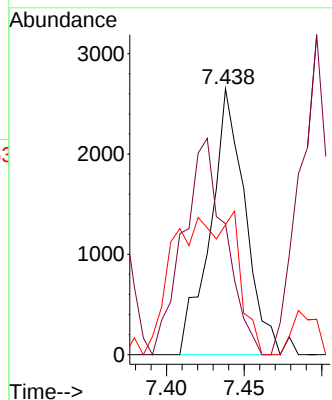
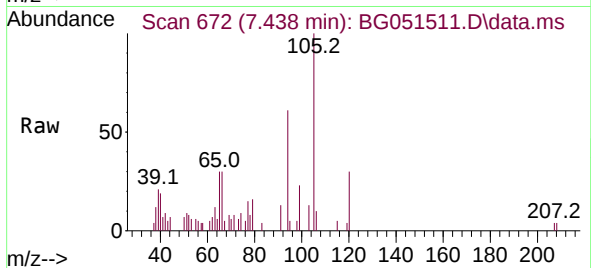
#8
Phenol
Concen: 1.443 ng/ul
RT: 7.438 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

Instrument :
BNA_G
ClientSampleId :
DBLT2

Tgt Ion: 94 Resp: 4108
Ion Ratio Lower Upper
94 100
65 49.3 25.1 37.7#
66 48.8 31.6 47.4#

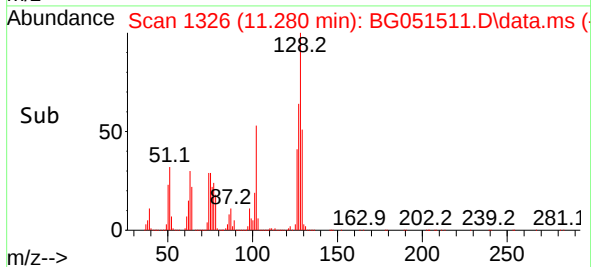
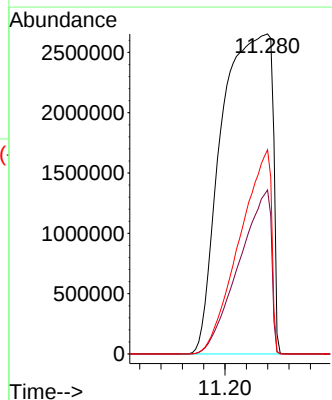
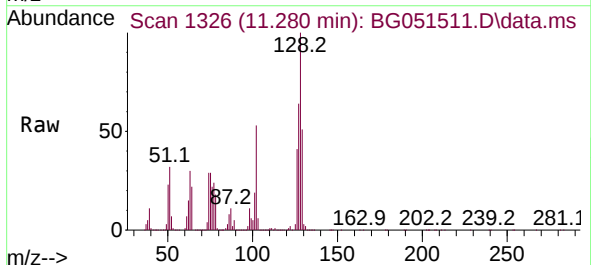
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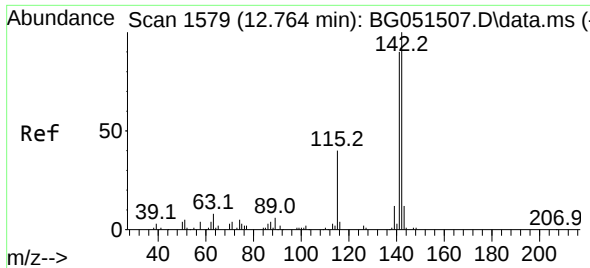
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#30
Naphthalene
Concen: 3364.091 ng/ul
RT: 11.280 min Scan# 1326
Delta R.T. 0.103 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

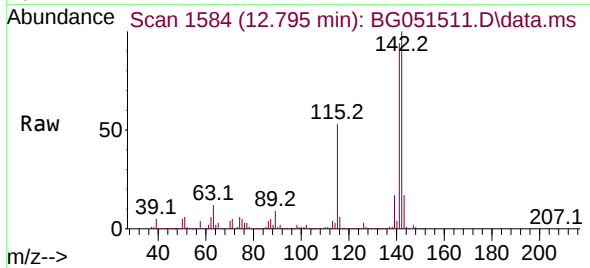
Tgt Ion:128 Resp:17327226
Ion Ratio Lower Upper
128 100
129 51.2 8.5 12.7#
127 63.8 11.8 17.6#





#36
2-Methylnaphthalene
Concen: 1055.622 ng/ul
RT: 12.795 min Scan# 1584
Delta R.T. 0.027 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

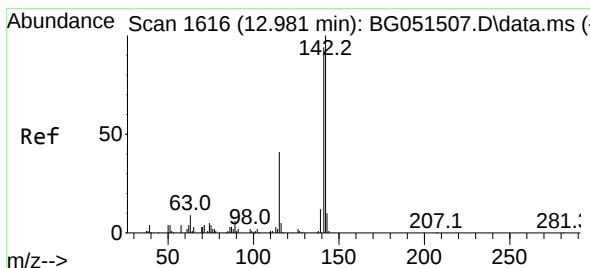
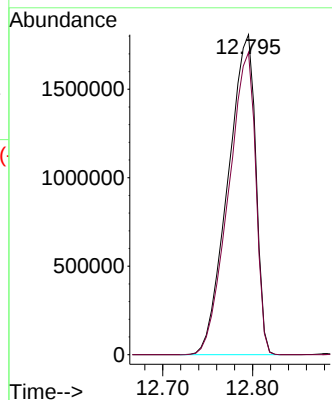
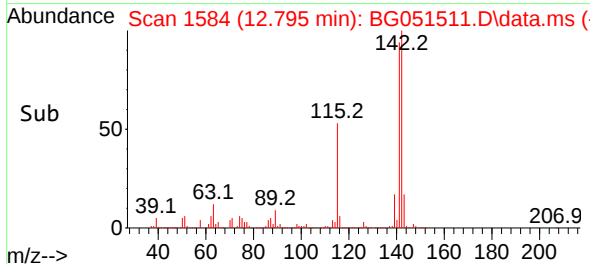
Instrument :
BNA_G
ClientSampleId :
DBLT2



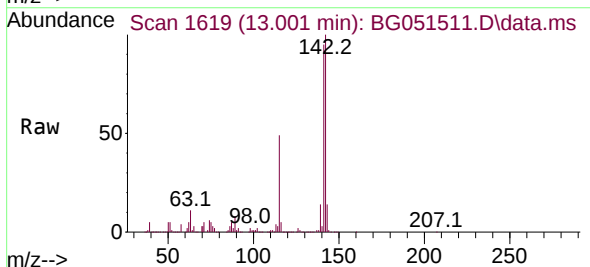
Tgt Ion:142 Resp: 387894
Ion Ratio Lower Upper
142 100
141 94.5 73.3 109.9

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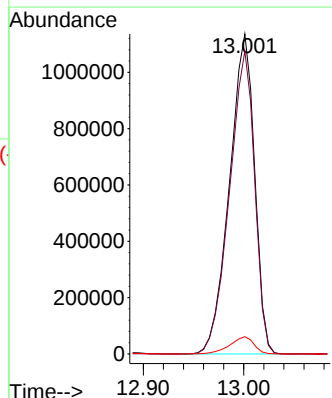
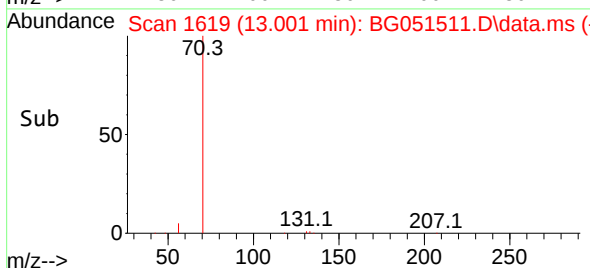
Reviewed By :Jagrut Upadhyay 12/16/2021
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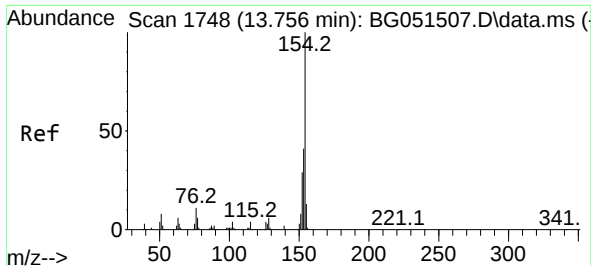


#37
1-Methylnaphthalene
Concen: 517.633 ng/ul
RT: 13.001 min Scan# 1619
Delta R.T. 0.015 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03



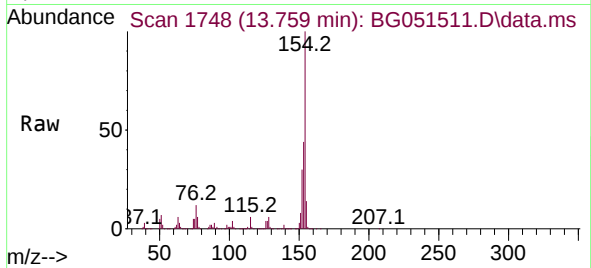
Tgt Ion:142 Resp: 1974954
Ion Ratio Lower Upper
142 100
141 94.7 77.8 116.8
116 5.4 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 130.881 ng/ul
RT: 13.759 min Scan# 1748
Delta R.T. 0.003 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

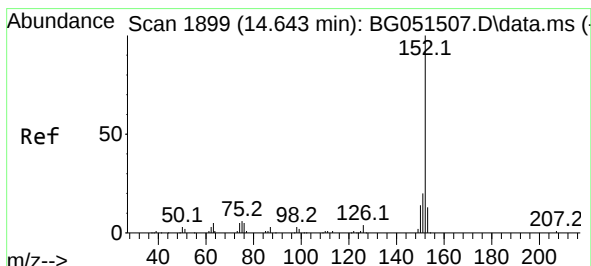
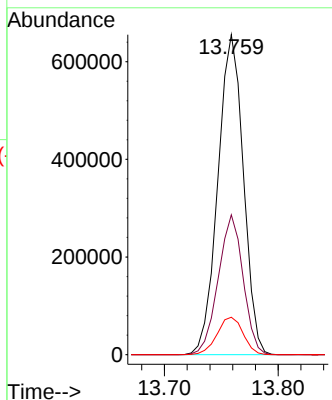
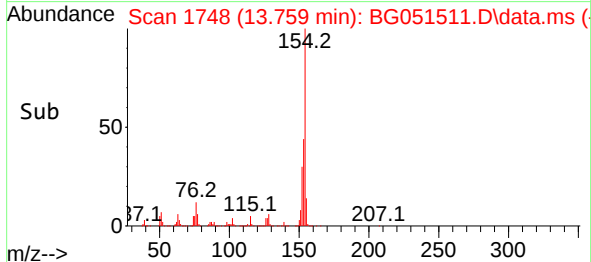
Instrument :
BNA_G
ClientSampleId :
DBLT2



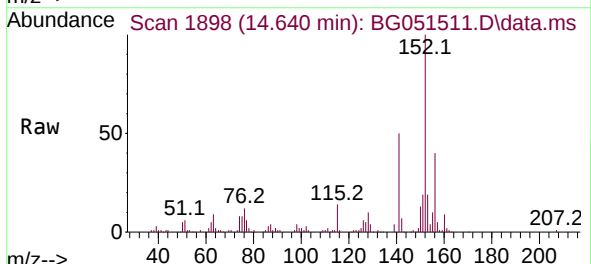
Tgt Ion:154 Resp: 102180
Ion Ratio Lower Upper
154 100
153 43.7 34.5 51.7
76 11.7 13.1 19.7

Manual Integrations
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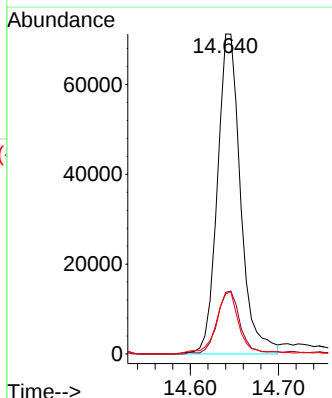
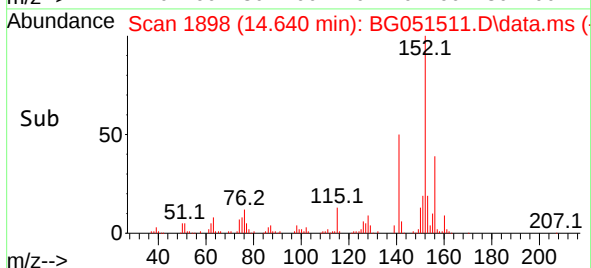
Reviewed By :Jagrut Upadhyay 12/16/2021
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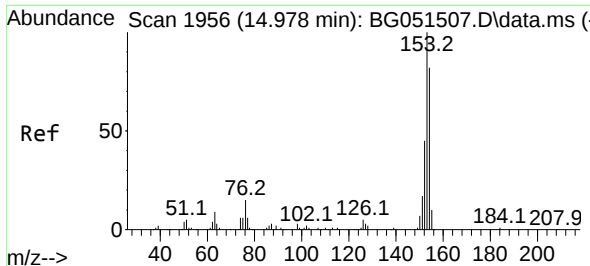


#50
Acenaphthylene
Concen: 13.144 ng/ul m
RT: 14.640 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03



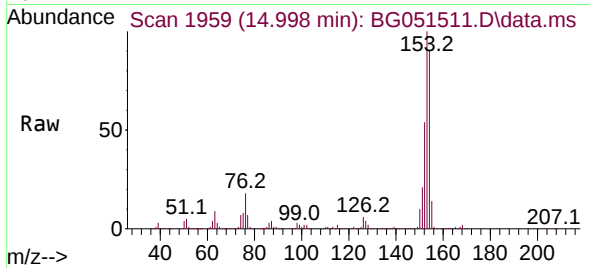
Tgt Ion:152 Resp: 130290
Ion Ratio Lower Upper
152 100
151 19.3 17.4 26.0
153 18.8 10.3 15.5





#52
Acenaphthene
Concen: 392.088 ng/u1
RT: 14.998 min Scan# 1959
Delta R.T. 0.015 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

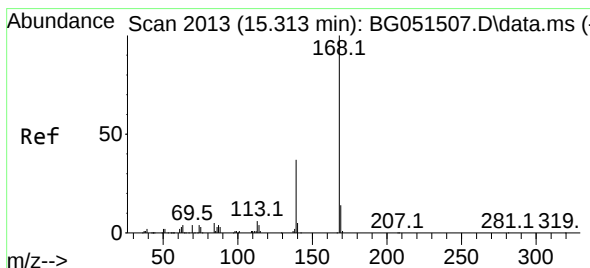
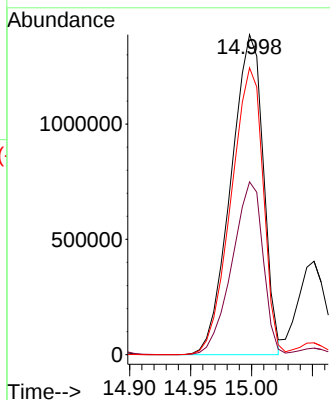
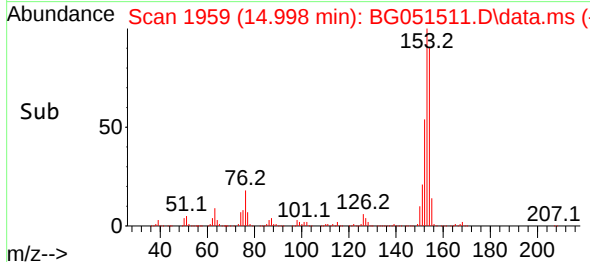
Instrument :
BNA_G
ClientSampleId :
DBLT2



Tgt Ion:153 Resp: 2567602
Ion Ratio Lower Upper
153 100
152 54.0 36.5 54.7
154 89.7 65.8 98.6

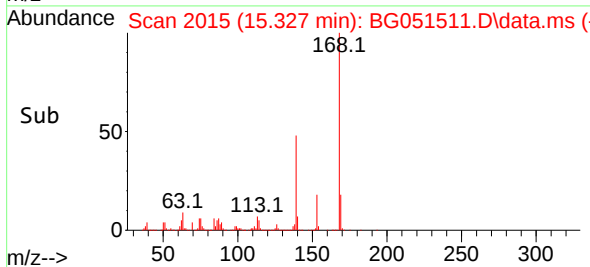
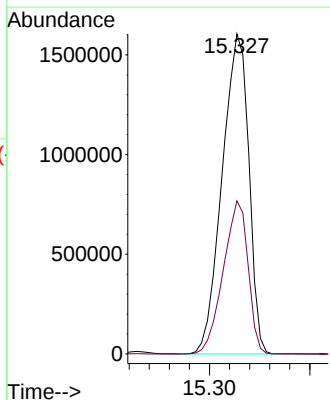
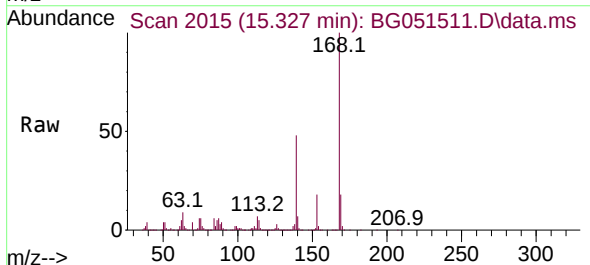
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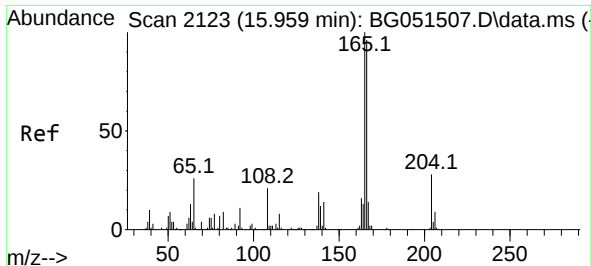
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#56
Dibenzofuran
Concen: 306.335 ng/u1
RT: 15.327 min Scan# 2015
Delta R.T. 0.009 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

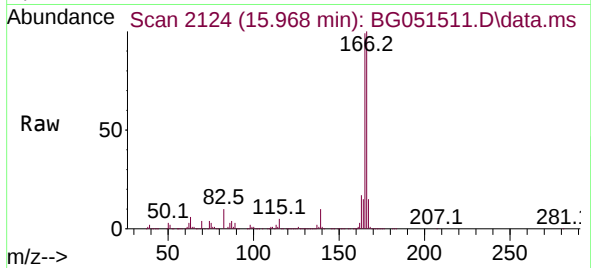
Tgt Ion:168 Resp: 2954329
Ion Ratio Lower Upper
168 100
139 47.9 31.2 46.8#





#61
Fluorene
Concen: 147.023 ng/ul
RT: 15.968 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

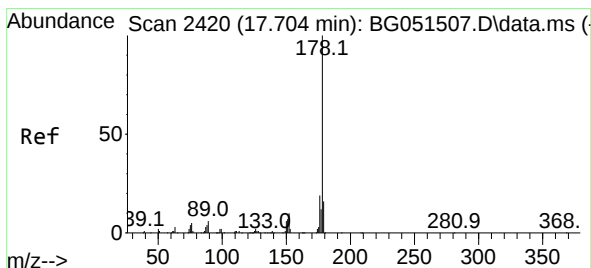
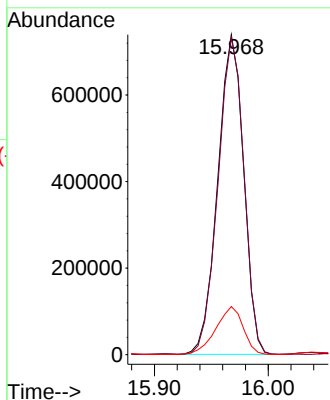
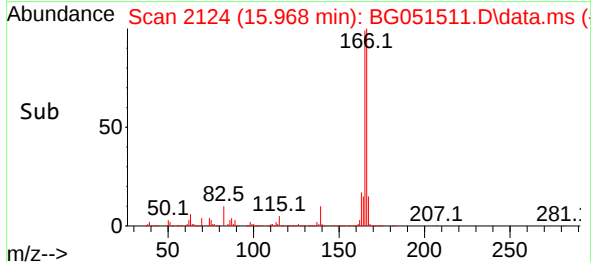
Instrument :
BNA_G
ClientSampleId :
DBLT2



Tgt Ion:166 Resp: 116830
Ion Ratio Lower Upper
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165 99.2 81.0 121.6
167 15.0 11.0 16.4

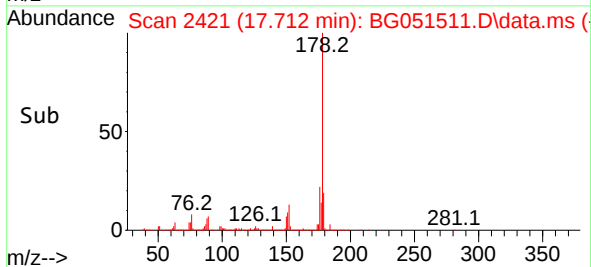
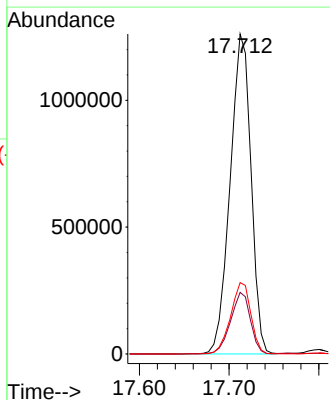
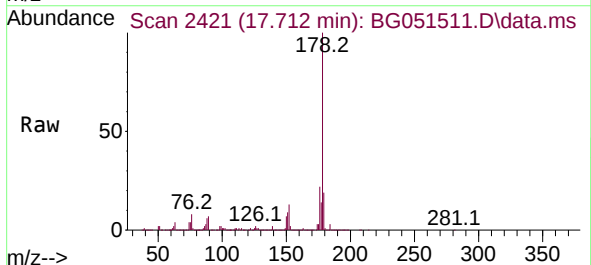
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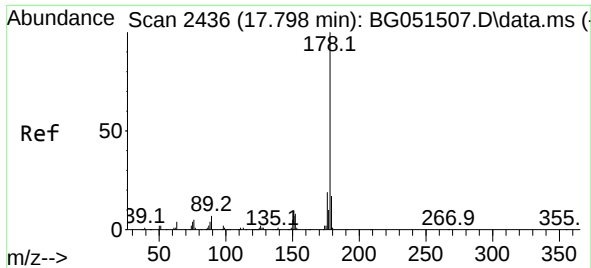
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#72
Phenanthrene
Concen: 161.974 ng/ul m
RT: 17.712 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

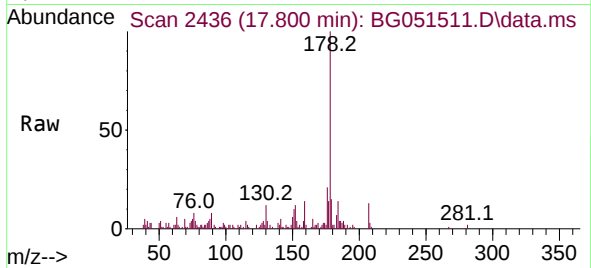
Tgt Ion:178 Resp: 2043034
Ion Ratio Lower Upper
178 100
179 19.2 12.3 18.5#
176 22.3 15.5 23.3





#74
 Anthracene
 Concen: 2.311 ng/ul
 RT: 17.800 min Scan# 2436
 Delta R.T. 0.003 min
 Lab File: BG051511.D
 Acq: 14 Dec 2021 20:03

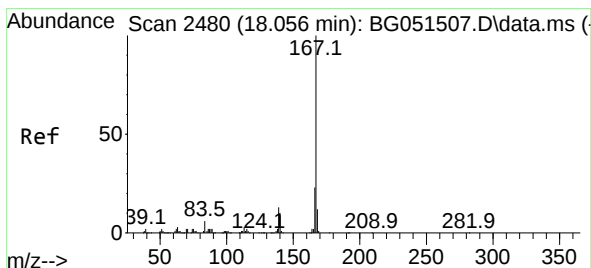
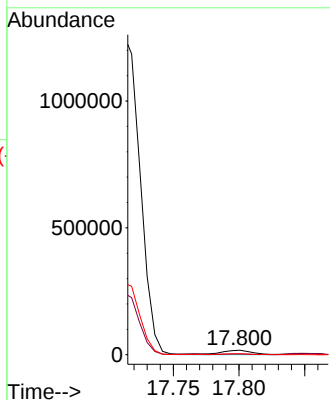
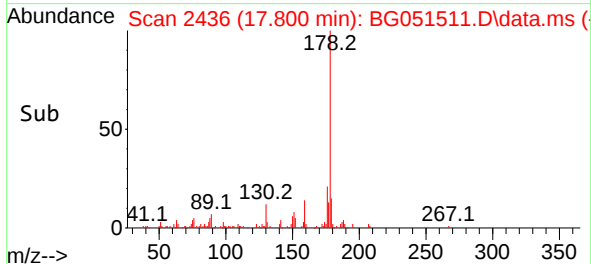
Instrument :
 BNA_G
 ClientSampleId :
 DBLT2



Tgt Ion:178 Resp: 2945
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.0 19.6
 176 21.3 15.6 23.4

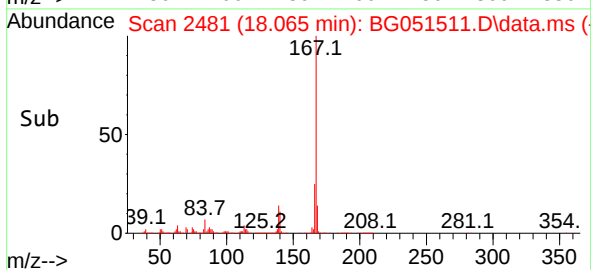
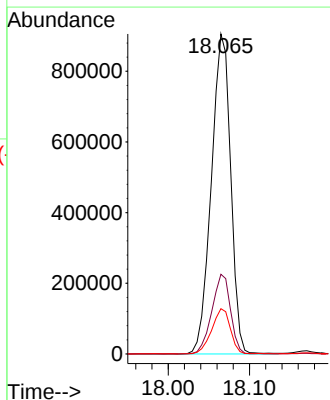
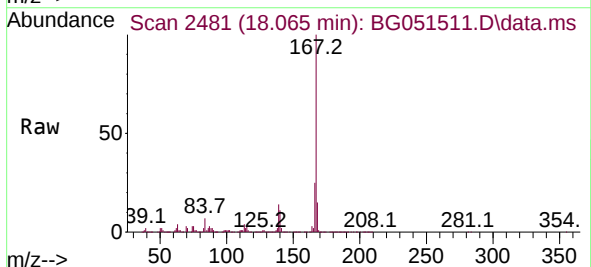
Manual Integrations
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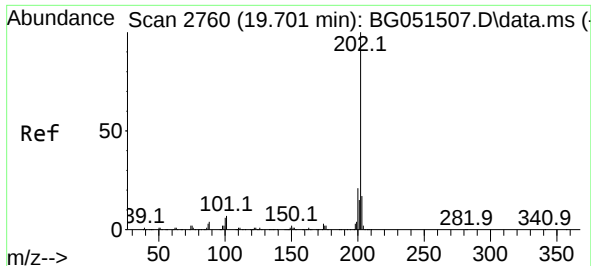
Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021



#77
 Carbazole
 Concen: 131.460 ng/ul
 RT: 18.065 min Scan# 2481
 Delta R.T. 0.003 min
 Lab File: BG051511.D
 Acq: 14 Dec 2021 20:03

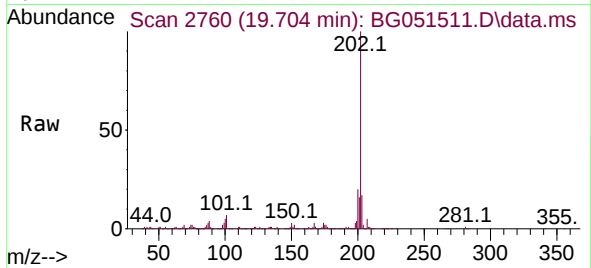
Tgt Ion:167 Resp: 1500016
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.3 25.9
 139 14.1 10.6 16.0





#80
Fluoranthene
Concen: 11.090 ng/ul
RT: 19.704 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

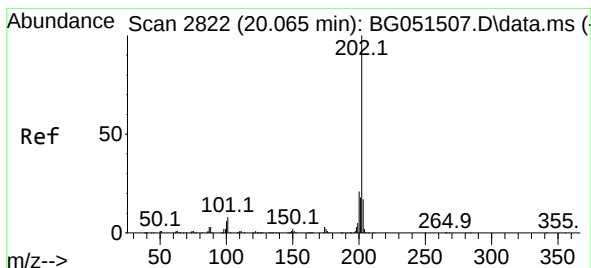
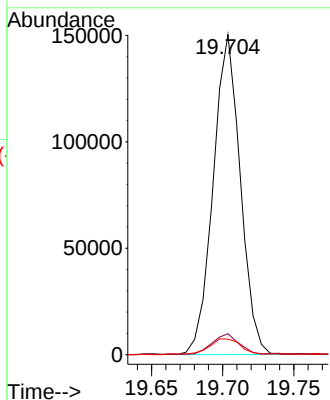
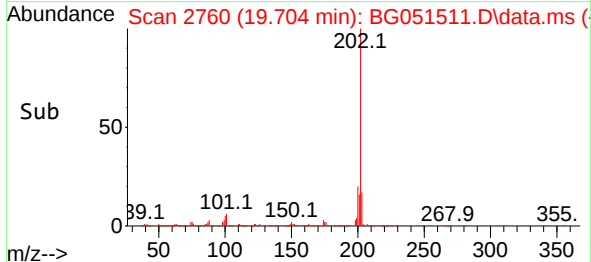
Instrument :
BNA_G
ClientSampleId :
DBLT2



Tgt Ion:202 Resp: 19920
Ion Ratio Lower Upper
202 100
101 6.6 9.3 13.9#
100 4.8 7.0 10.6#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#82
Pyrene
Concen: 5.107 ng/ul
RT: 20.062 min Scan# 2821
Delta R.T. -0.003 min
Lab File: BG051511.D
Acq: 14 Dec 2021 20:03

Tgt Ion:202 Resp: 90788
Ion Ratio Lower Upper
202 100
101 8.1 10.7 16.1#
100 7.0 9.0 13.6#

