

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051512.D
 Acq On : 14 Dec 2021 20:43
 Operator : CG/JU
 Sample : M5013-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLTO

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 23:49:48 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	8.282	152	38738	20.000	ng/ul	0.00
20) Naphthalene-d8	11.148	136	154917	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.920	164	111642	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.663	188	260675	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	273848	20.000	ng/ul	# 0.00
88) Perylene-d12	25.482	264	265607	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	3476	3.727	ng/uL	0.00
4) Pyridine-d5	4.058	84	2093m	0.743	ng/ul	0.01
7) Phenol-d5	7.412	99	41796	12.084	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.588	67	63391	30.830	ng/ul	0.00
11) 2-Chlorophenol-d4	7.806	132	69469	28.878	ng/ul	0.00
15) 4-Methylphenol-d8	8.975	113	60847	22.759	ng/ul	0.00
21) Nitrobenzene-d5	9.451	128	41025	36.120	ng/ul	0.00
24) 2-Nitrophenol-d4	10.191	143	42713	34.401	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.737	165	80311	29.828	ng/ul	0.00
31) 4-Chloroaniline-d4	11.248	131	34088	9.616	ng/ul	0.00
46) Dimethylphthalate-d6	14.315	166	263676	29.508	ng/ul	0.00
49) Acenaphthylene-d8	14.614	160	332882	29.995	ng/ul	0.00
54) 4-Nitrophenol-d4	15.084	143	18425	12.680	ng/ul	0.00
60) Fluorene-d10	15.907	176	242398	30.278	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	47947	35.303	ng/ul	0.00
73) Anthracene-d10	17.763	188	394304	31.709	ng/ul	0.00
81) Pyrene-d10	20.036	212	516795	31.356	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.241	264	470005	33.631	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	9.110	105	15759	3.752	ng/ul	96
30) Naphthalene	11.242	128	12532908	1501.630	ng/ul#	18
36) 2-Methylnaphthalene	12.793	142	4274932	717.954	ng/ul	96
37) 1-Methylnaphthalene	12.999	142	2521964	407.922	ng/ul#	97
43) 1,1'-Biphenyl	13.757	154	840239	98.252	ng/ul#	97
52) Acenaphthene	14.996	153	2755523	384.142	ng/ul#	89
56) Dibenzofuran	15.325	168	2251289	213.108	ng/ul	92
61) Fluorene	15.965	166	1342085	154.185	ng/ul	97
72) Phenanthrene	17.716	178	2097408m	156.433	ng/ul	
74) Anthracene	17.798	178	26072	1.925	ng/ul	95
77) Carbazole	18.063	167	1351002	111.386	ng/ul	97
80) Fluoranthene	19.701	202	189074	9.994	ng/ul#	91
82) Pyrene	20.066	202	78126	4.173	ng/ul#	85

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

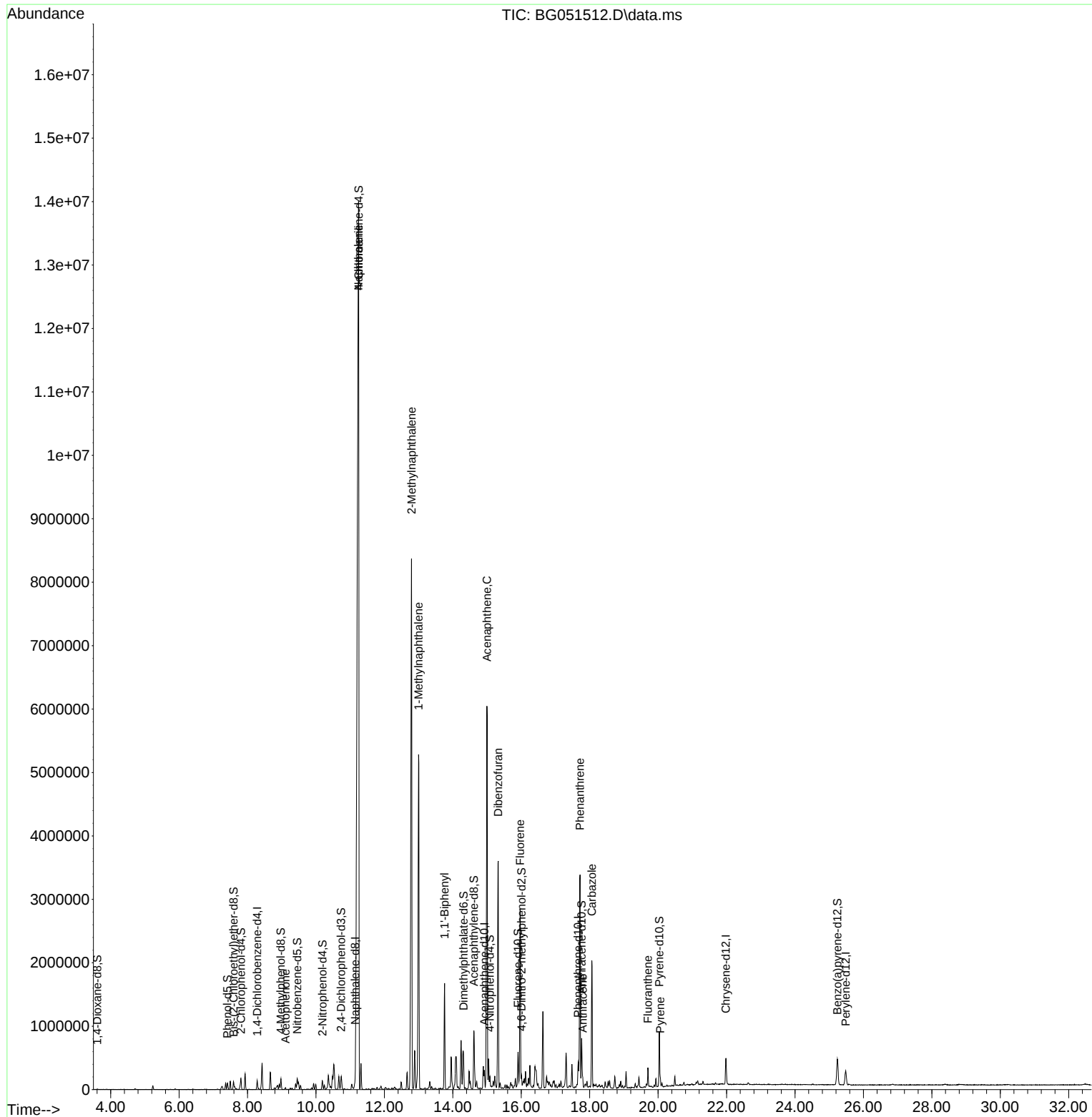
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051512.D
Acq On : 14 Dec 2021 20:43
Operator : CG/JU
Sample : M5013-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

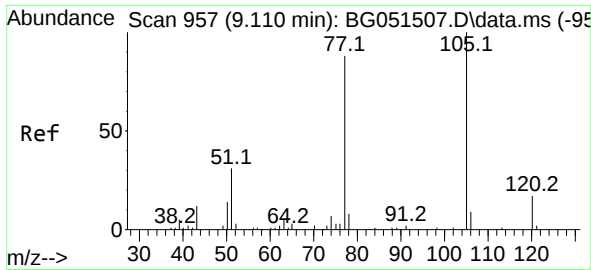
Instrument :
BNA_G
ClientSampleId :
DBLT0

Manual Integrations
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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





#16
Acetophenone
Concen: 3.752 ng/ul
RT: 9.110 min Scan# 910
Delta R.T. -0.005 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

Instrument :

BNA_G

ClientSampleId :

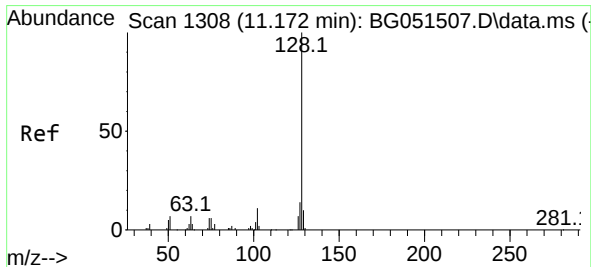
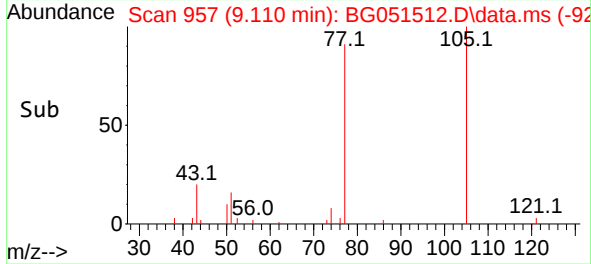
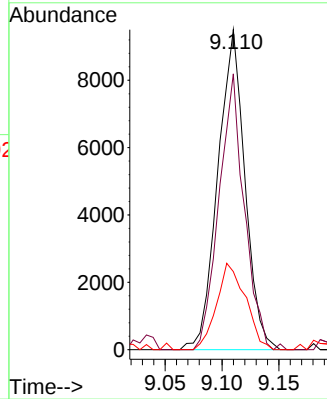
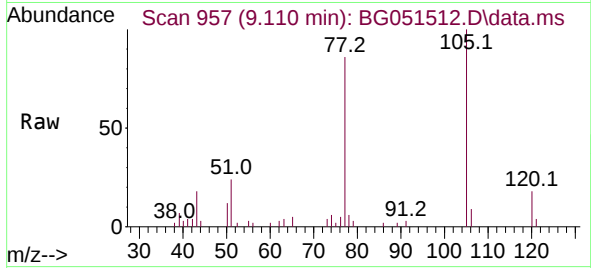
DBLT0

Tgt Ion:105 Resp: 15759
Ion Ratio Lower Upper
105 100
77 86.2 67.3 100.9
51 24.4 24.0 36.0

Manual Integrations

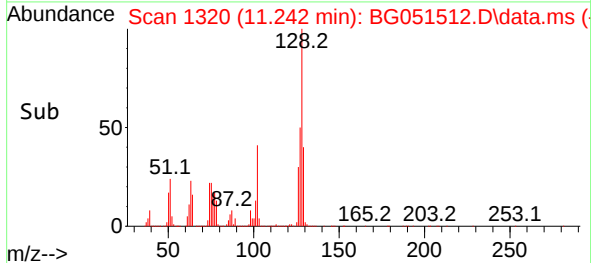
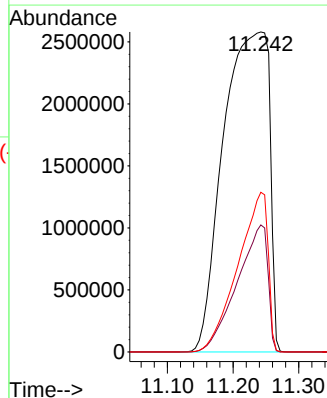
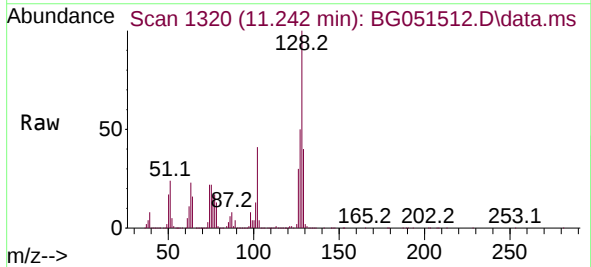
APPROVED

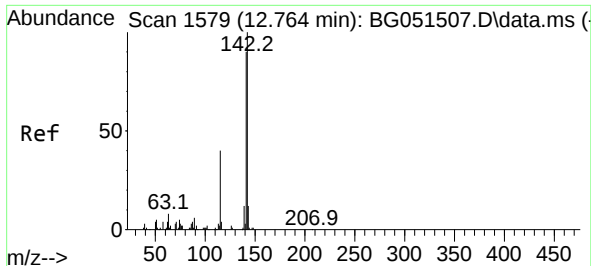
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#30
Naphthalene
Concen: 1501.630 ng/ul
RT: 11.242 min Scan# 1320
Delta R.T. 0.065 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

Tgt Ion:128 Resp:12532908
Ion Ratio Lower Upper
128 100
129 39.7 8.5 12.7#
127 49.9 11.8 17.6#





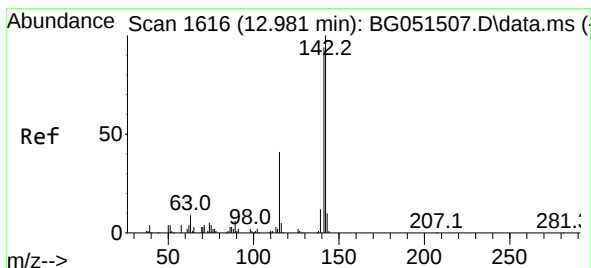
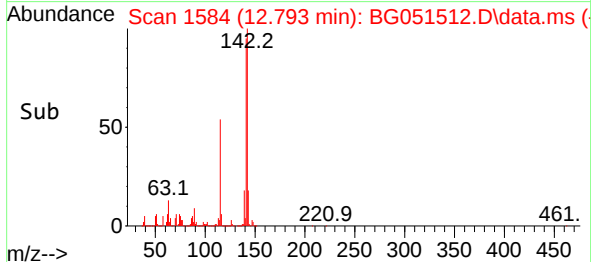
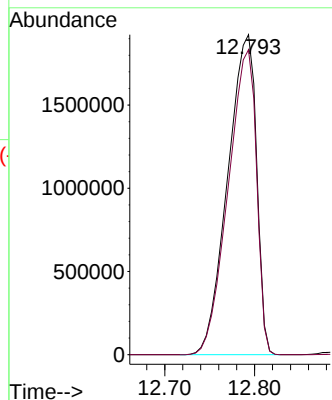
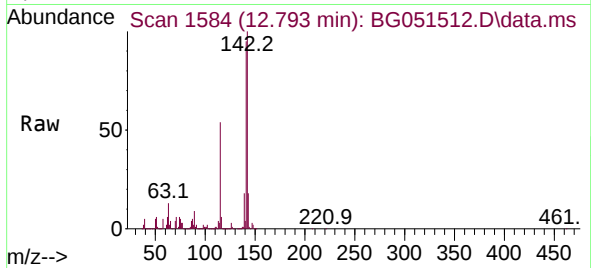
#36
2-Methylnaphthalene
Concen: 717.954 ng/ul
RT: 12.793 min Scan# 1584
Delta R.T. 0.024 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

Instrument :
BNA_G
ClientSampleId :
DBLT0

Tgt Ion:142 Resp: 427493
Ion Ratio Lower Upper
142 100
141 95.3 73.3 109.9

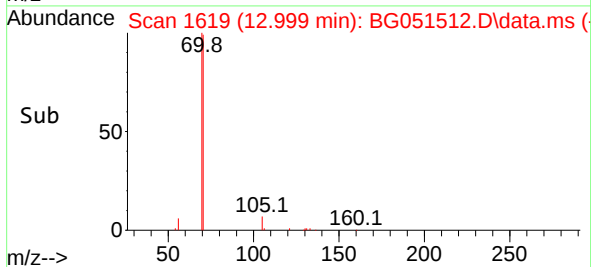
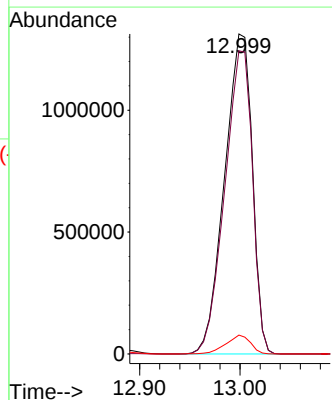
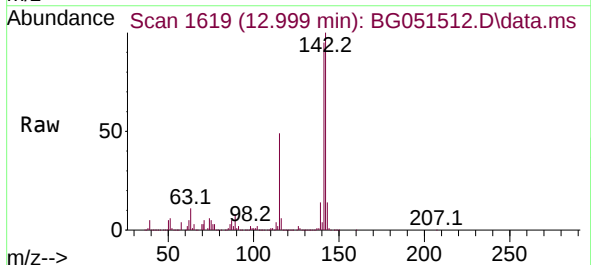
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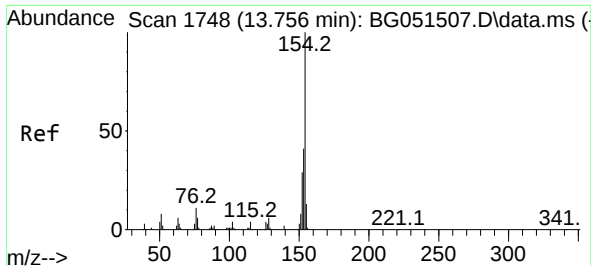
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#37
1-Methylnaphthalene
Concen: 407.922 ng/ul
RT: 12.999 min Scan# 1619
Delta R.T. 0.013 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

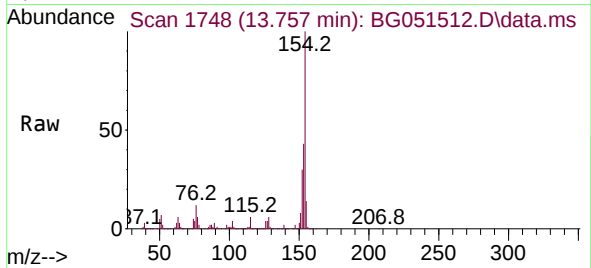
Tgt Ion:142 Resp: 2521964
Ion Ratio Lower Upper
142 100
141 94.7 77.8 116.8
116 5.9 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 98.252 ng/ul
RT: 13.757 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

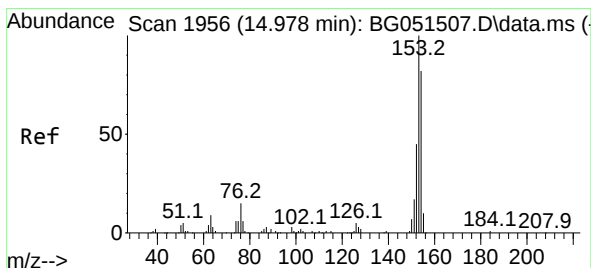
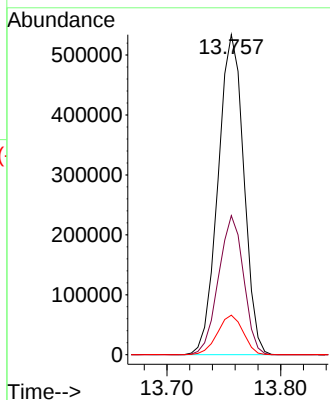
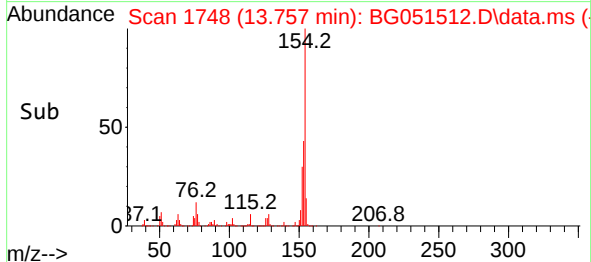
Instrument :
BNA_G
ClientSampleId :
DBLT0



Tgt Ion:154 Resp: 840239
Ion Ratio Lower Upper
154 100
153 43.4 34.5 51.7
76 12.4 13.1 19.7

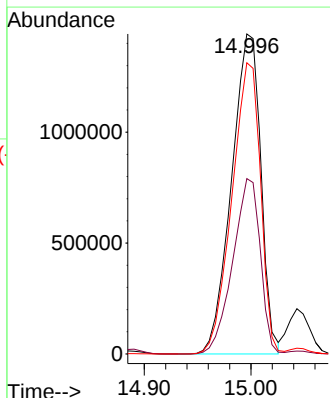
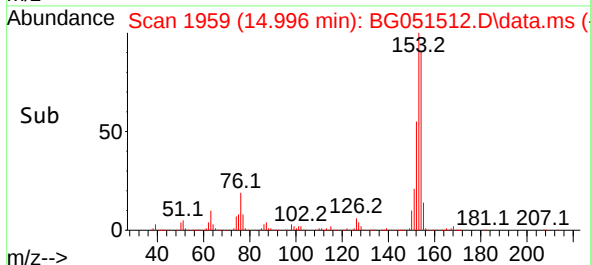
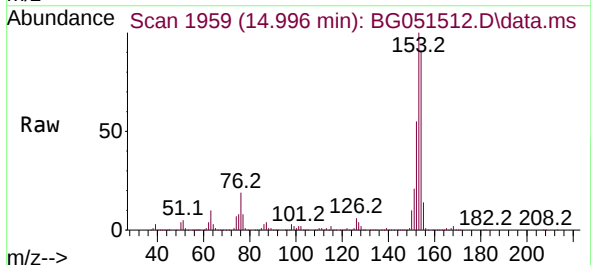
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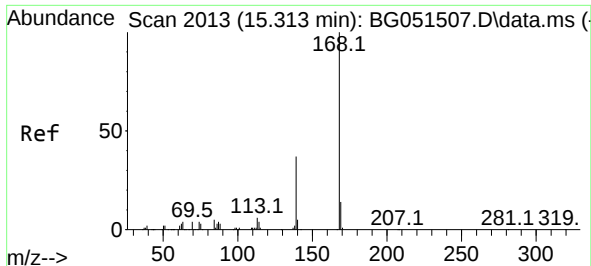
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#52
Acenaphthene
Concen: 384.142 ng/ul
RT: 14.996 min Scan# 1959
Delta R.T. 0.013 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

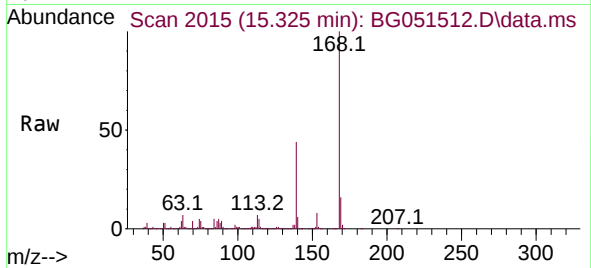
Tgt Ion:153 Resp: 2755523
Ion Ratio Lower Upper
153 100
152 54.8 36.5 54.7#
154 91.0 65.8 98.6





#56
Dibenzofuran
Concen: 213.108 ng/u1
RT: 15.325 min Scan# 2015
Delta R.T. 0.007 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

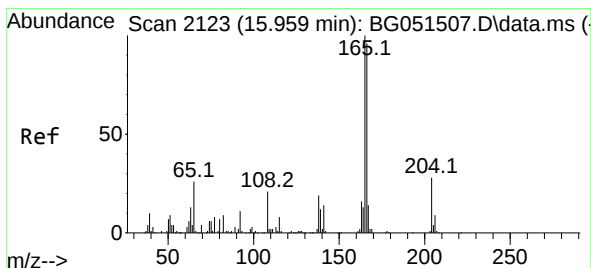
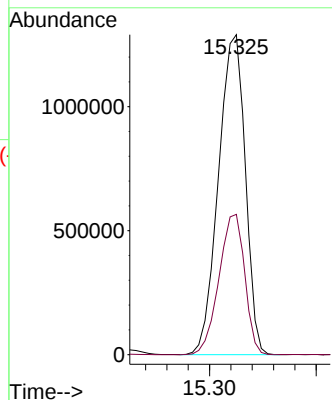
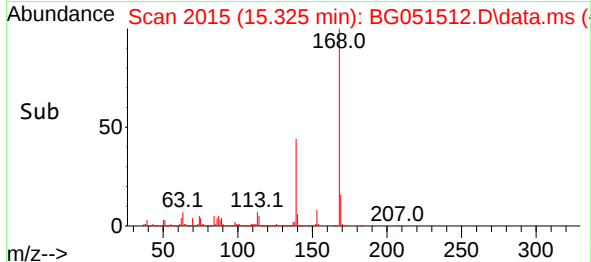
Instrument :
BNA_G
ClientSampleId :
DBLT0



Tgt Ion:168 Resp: 2251289
Ion Ratio Lower Upper
168 100
139 43.9 31.2 46.8

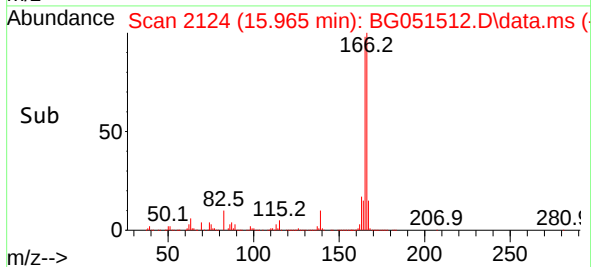
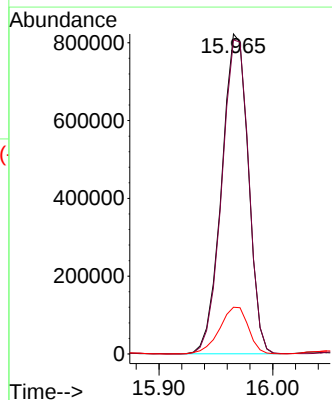
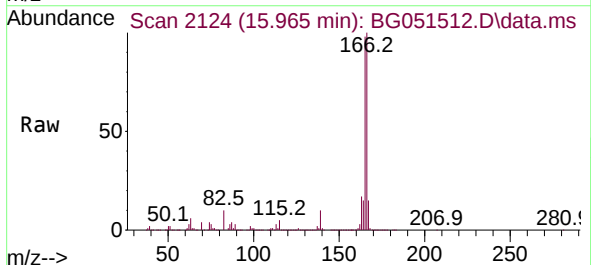
Manual Integrations
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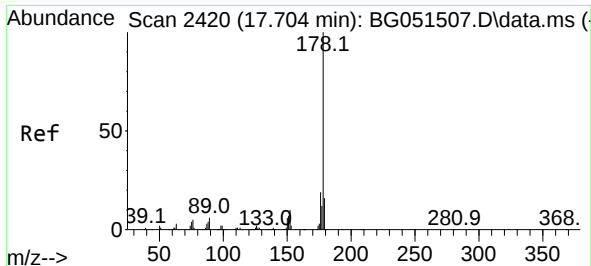
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#61
Fluorene
Concen: 154.185 ng/u1
RT: 15.965 min Scan# 2124
Delta R.T. 0.001 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

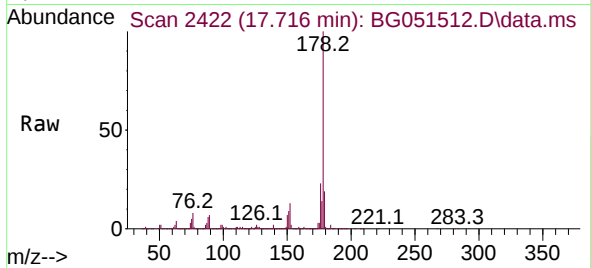
Tgt Ion:166 Resp: 1342085
Ion Ratio Lower Upper
166 100
165 98.1 81.0 121.6
167 14.6 11.0 16.4





#72
Phenanthrene
Concen: 156.433 ng/ul m
RT: 17.716 min Scan# 2420
Delta R.T. 0.007 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

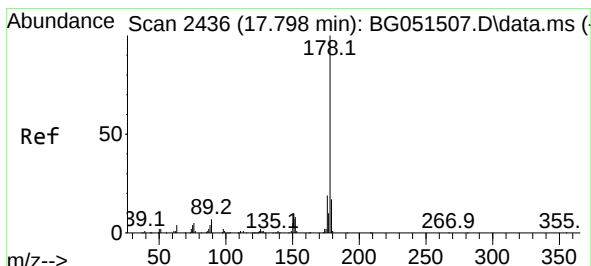
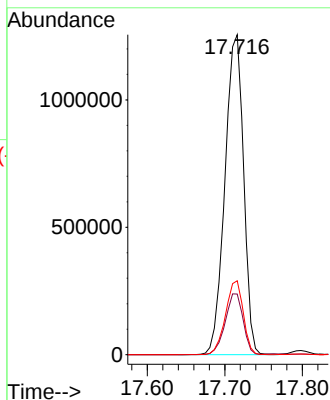
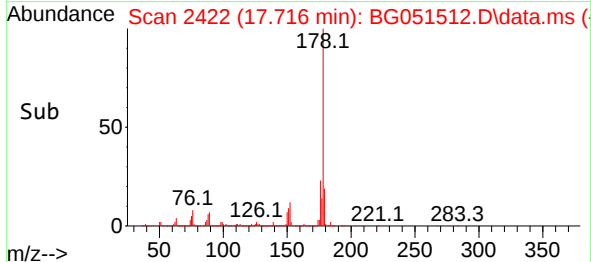
Instrument :
BNA_G
ClientSampleId :
DBLT0



Tgt Ion:178 Resp: 2097408
Ion Ratio Lower Upper
178 100
179 19.0 12.3 18.5
176 23.1 15.5 23.3

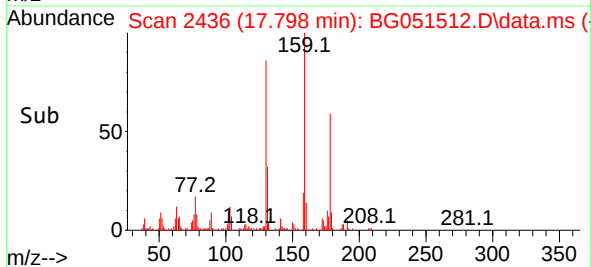
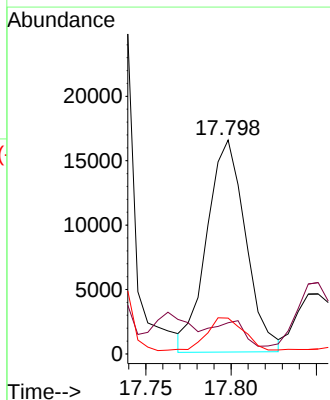
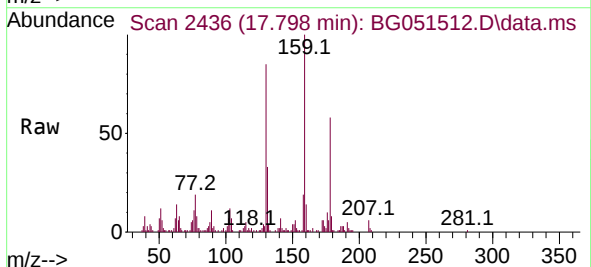
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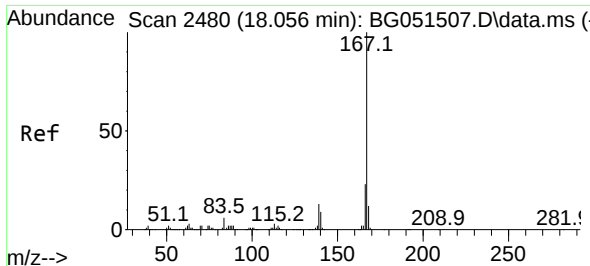
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#74
Anthracene
Concen: 1.925 ng/ul
RT: 17.798 min Scan# 2436
Delta R.T. 0.001 min
Lab File: BG051512.D
Acq: 14 Dec 2021 20:43

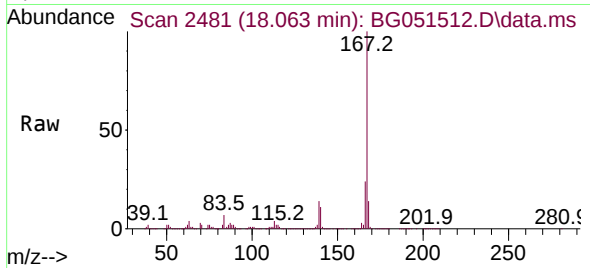
Tgt Ion:178 Resp: 26072
Ion Ratio Lower Upper
178 100
179 14.6 13.0 19.6
176 16.7 15.6 23.4





#77
 Carbazole
 Concen: 111.386 ng/ul
 RT: 18.063 min Scan# 2480
 Delta R.T. 0.001 min
 Lab File: BG051512.D
 Acq: 14 Dec 2021 20:43

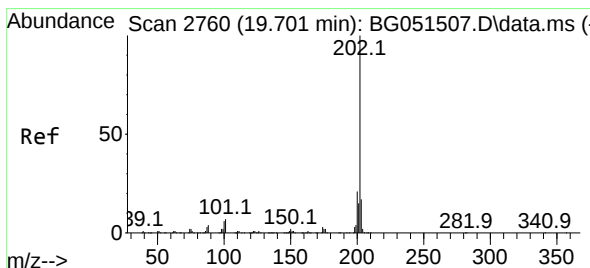
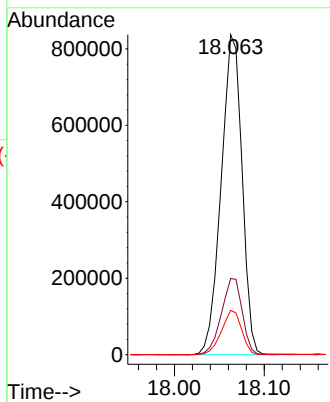
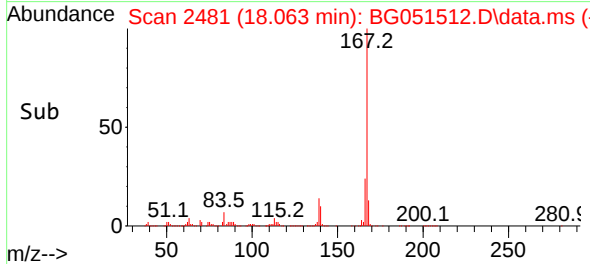
Instrument :
 BNA_G
 ClientSampleId :
 DBLT0



Tgt Ion:167 Resp: 135100
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.3 25.9
 139 13.9 10.6 16.0

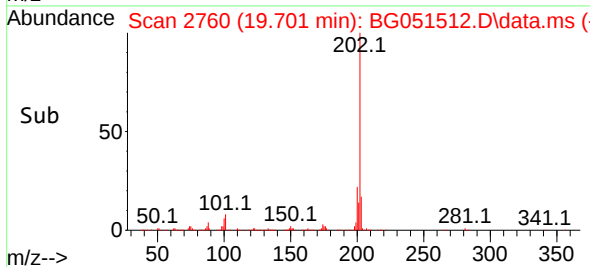
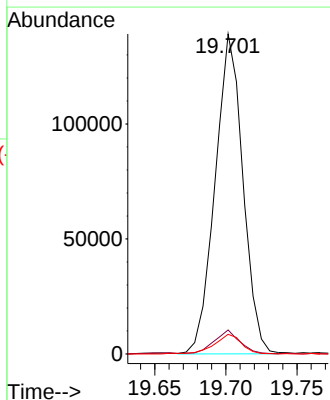
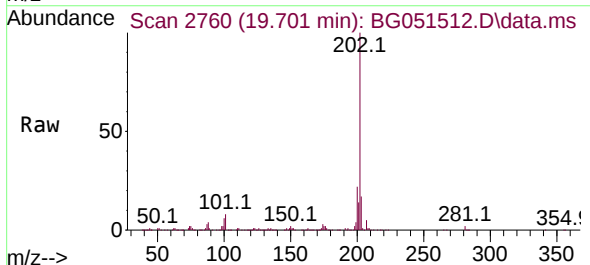
Manual Integrations
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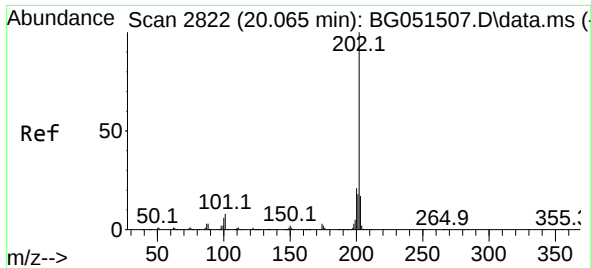
Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021



#80
 Fluoranthene
 Concen: 9.994 ng/ul
 RT: 19.701 min Scan# 2760
 Delta R.T. -0.005 min
 Lab File: BG051512.D
 Acq: 14 Dec 2021 20:43

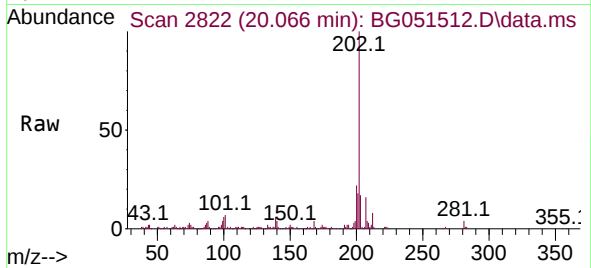
Tgt Ion:202 Resp: 189074
 Ion Ratio Lower Upper
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 101 7.5 9.3 13.9#
 100 6.2 7.0 10.6#





#82
 Pyrene
 Concen: 4.173 ng/ul
 RT: 20.066 min Scan# 2822
 Delta R.T. 0.001 min
 Lab File: BG051512.D
 Acq: 14 Dec 2021 20:43

Instrument :
 BNA_G
 ClientSampleId :
 DBLT0



Tgt Ion:202 Resp: 78120
 Ion Ratio Lower Upper
 202 100
 101 7.0 10.7 16.1
 100 6.0 9.0 13.6

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