

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051540.D
 Acq On : 15 Dec 2021 17:00
 Operator : CG/JU
 Sample : M5013-04RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT3RE

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 23:24:52 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	8.281	152	33866	20.000	ng/u1	0.00
20) Naphthalene-d8	11.271	136	607325m	20.000	ng/u1	0.15
38) Acenaphthene-d10	14.913	164	104334	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.662	188	230474	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.974	240	239454	20.000	ng/u1	#-0.01
88) Perylene-d12	25.470	264	245693	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	4060m	4.979	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.418	99	39800	13.162	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.588	67	61658	34.301	ng/u1	0.00
11) 2-Chlorophenol-d4	7.805	132	68412	32.530	ng/u1	0.00
15) 4-Methylphenol-d8	9.004	113	59495	25.454	ng/u1	0.02
21) Nitrobenzene-d5	9.456	128	41459	9.311	ng/u1	0.00
24) 2-Nitrophenol-d4	10.202	143	43324	8.901	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.789	165	80509	7.627	ng/u1	0.06
31) 4-Chloroaniline-d4	11.330	131	61182	4.402	ng/u1	0.09
46) Dimethylphthalate-d6	14.308	166	270367	32.376	ng/u1	0.00
49) Acenaphthylene-d8	14.608	160	344264	33.194	ng/u1	0.00
54) 4-Nitrophenol-d4	15.078	143	17284	12.727	ng/u1	0.00
60) Fluorene-d10	15.900	176	252660	33.770	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	42936	35.756	ng/u1	-0.01
73) Anthracene-d10	17.762	188	395603	35.983	ng/u1	0.00
81) Pyrene-d10	20.030	212	486664	33.769	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.229	264	463875	35.883	ng/u1	-0.02
Target Compounds						
16) Acetophenone	9.109	105	9242	2.517	ng/u1#	81
30) Naphthalene	11.324	128	24902492m	761.083	ng/u1	
36) 2-Methylnaphthalene	12.798	142	5150635	220.651	ng/u1	95
37) 1-Methylnaphthalene	13.004	142	2733869	112.796	ng/u1#	98
43) 1,1'-Biphenyl	13.756	154	1037911	129.868	ng/u1#	97
50) Acenaphthylene	14.637	152	122643	12.086	ng/u1#	93
52) Acenaphthene	14.990	153	1576223	235.130	ng/u1	93
56) Dibenzofuran	15.324	168	2463101	249.490	ng/u1	91
61) Fluorene	15.965	166	1212255	149.024	ng/u1	97
72) Phenanthrene	17.709	178	1422260	119.978	ng/u1	95
74) Anthracene	17.792	178	84177	7.029	ng/u1	99
77) Carbazole	18.068	167	2247501	209.580	ng/u1#	91
80) Fluoranthene	19.701	202	141383	8.547	ng/u1#	89
82) Pyrene	20.059	202	73506	4.490	ng/u1#	89

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

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BNA_G

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DBLT3RE

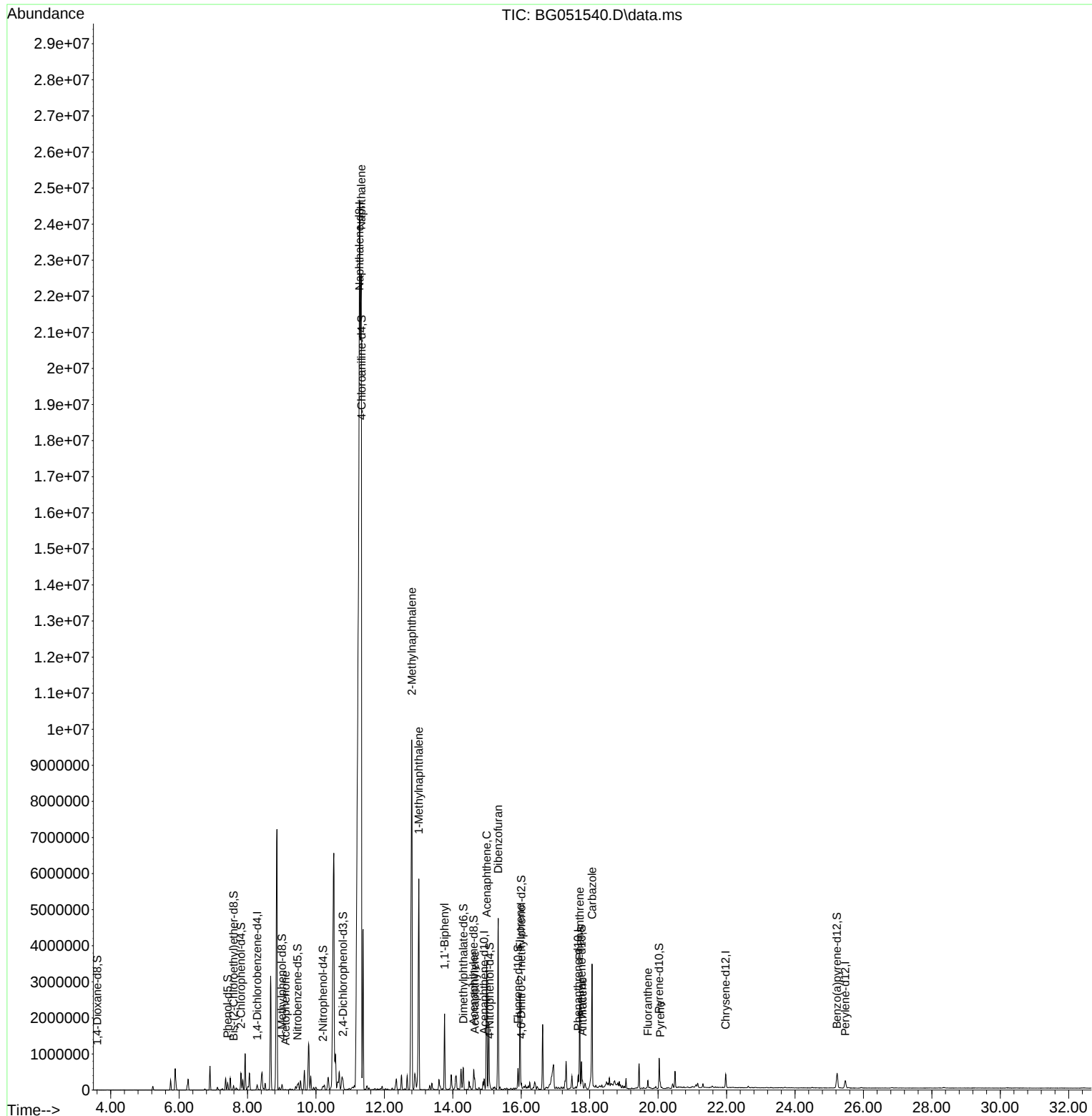
Manual Integrations

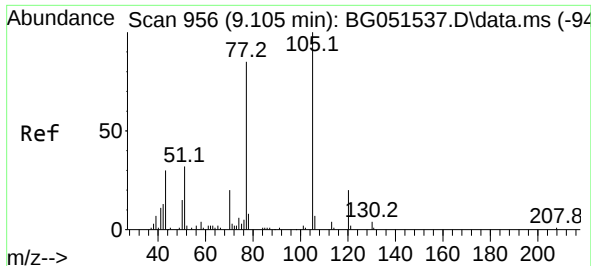
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Supervised By :Yogesh Patel 12/23/2021

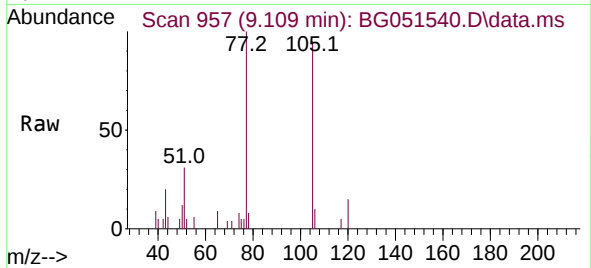
Quant Time: Dec 15 23:24:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.517 ng/ul
RT: 9.109 min Scan# 910
Delta R.T. -0.006 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

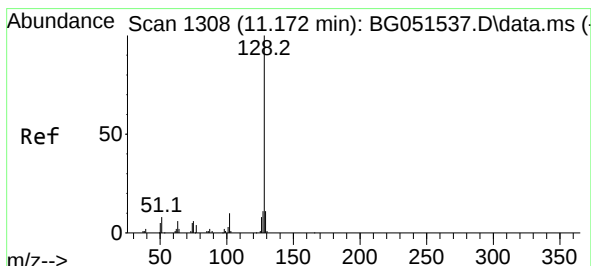
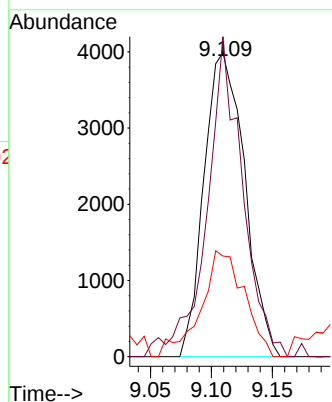
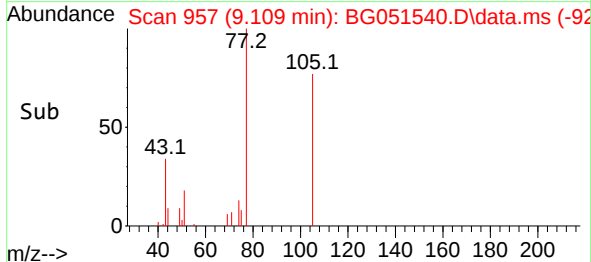
Instrument :
BNA_G
ClientSampleId :
DBLT3RE



Tgt Ion:105 Resp: 924
Ion Ratio Lower Upper
105 100
77 105.2 67.3 100.9#
51 33.1 24.0 36.0

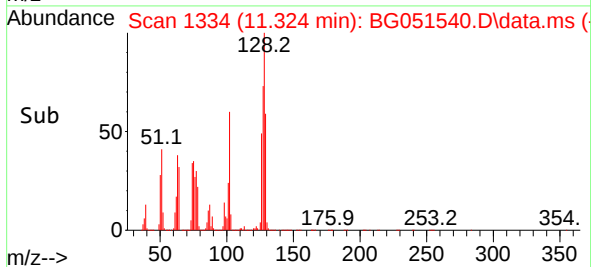
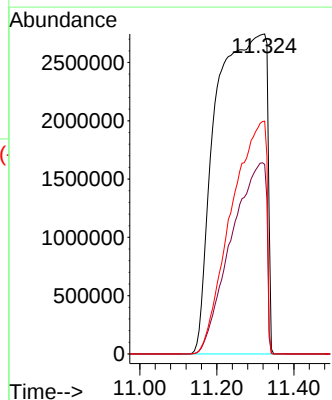
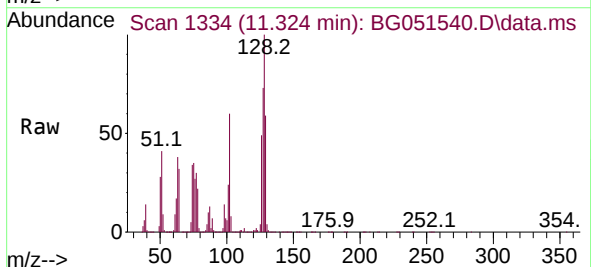
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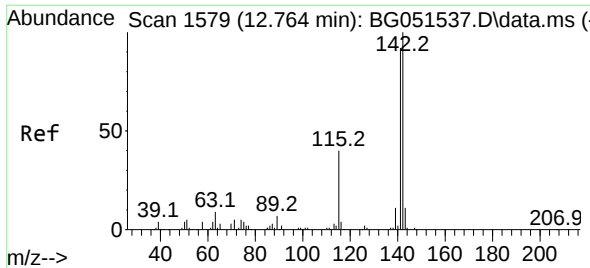
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#30
Naphthalene
Concen: 761.083 ng/ul m
RT: 11.324 min Scan# 1334
Delta R.T. 0.147 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

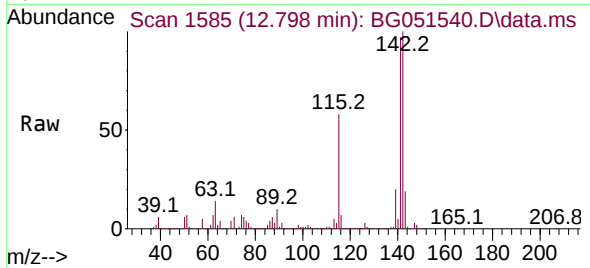
Tgt Ion:128 Resp:24902492
Ion Ratio Lower Upper
128 100
129 59.3 8.5 12.7#
127 72.8 11.8 17.6#





#36
2-Methylnaphthalene
Concen: 220.651 ng/ul
RT: 12.798 min Scan# 11
Delta R.T. 0.030 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

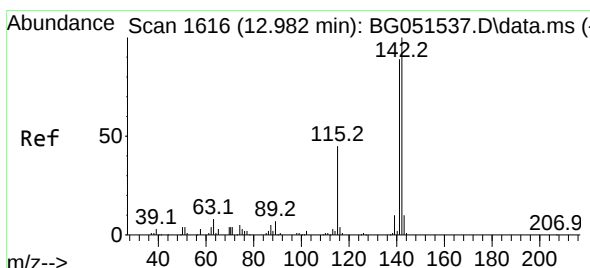
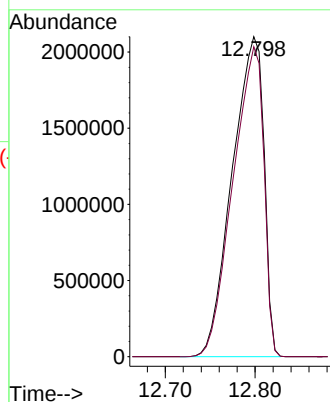
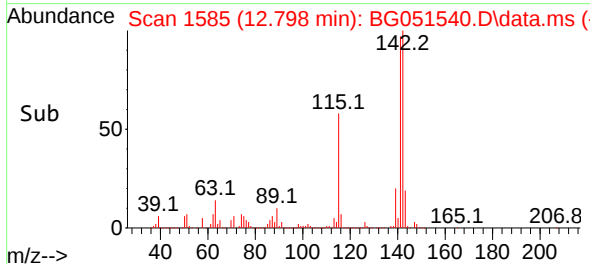
Instrument :
BNA_G
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DBLT3RE



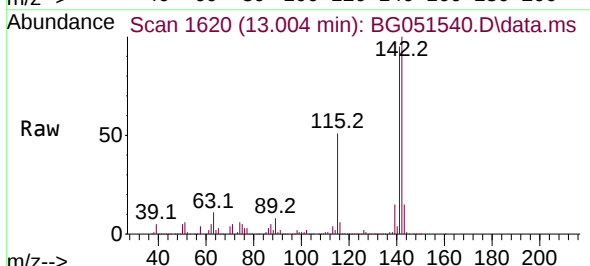
Tgt Ion:142 Resp: 515063
Ion Ratio Lower Upper
142 100
141 96.8 73.3 109.9

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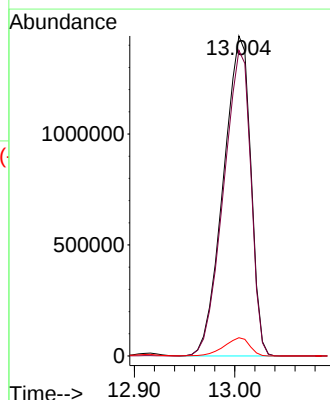
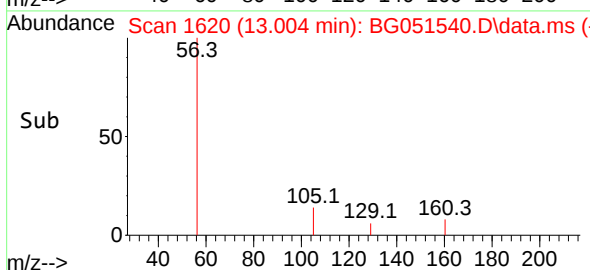
Reviewed By :Jagrut Upadhyay 12/16/2021
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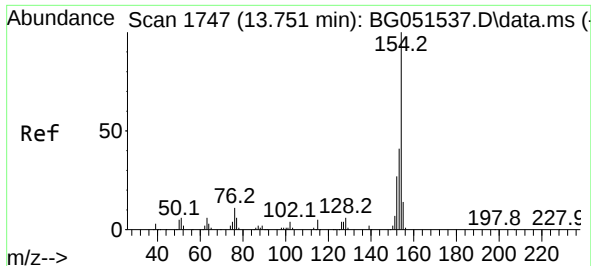


#37
1-Methylnaphthalene
Concen: 112.796 ng/ul
RT: 13.004 min Scan# 1620
Delta R.T. 0.018 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00



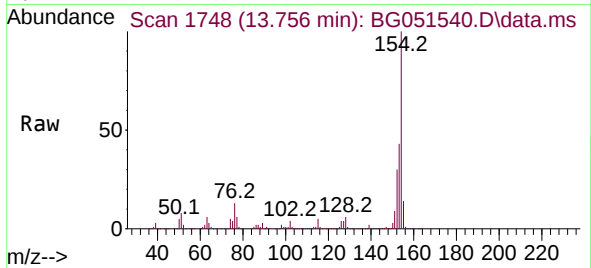
Tgt Ion:142 Resp: 2733869
Ion Ratio Lower Upper
142 100
141 95.5 77.8 116.8
116 5.7 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 129.868 ng/ul
RT: 13.756 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

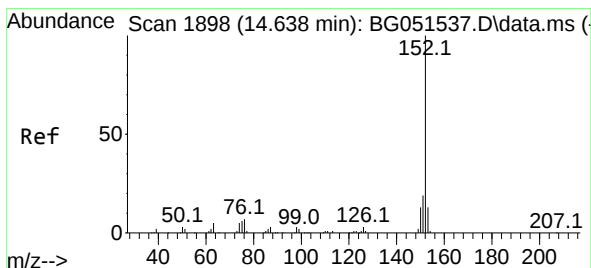
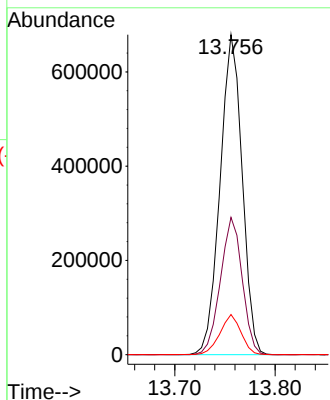
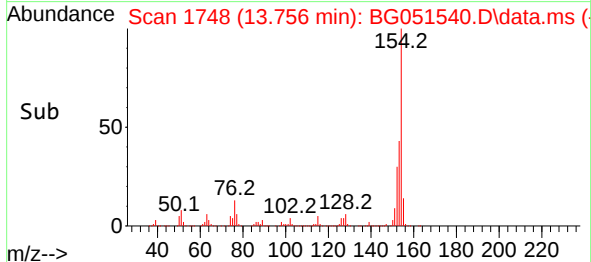
Instrument :
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ClientSampleId :
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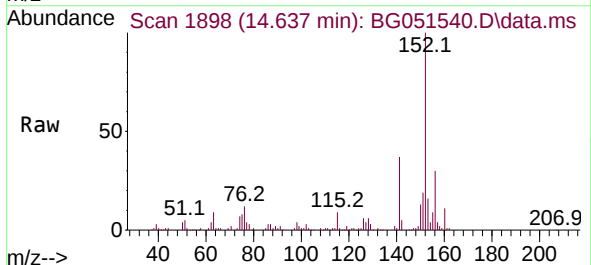
Tgt Ion:154 Resp: 103791
Ion Ratio Lower Upper
154 100
153 42.9 34.5 51.7
76 12.5 13.1 19.7

Manual Integrations
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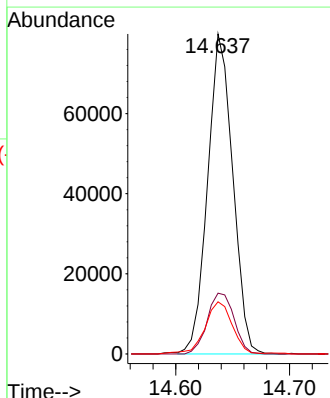
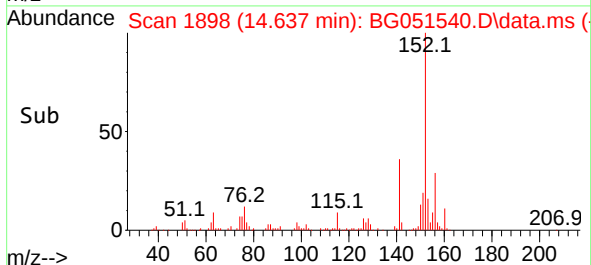
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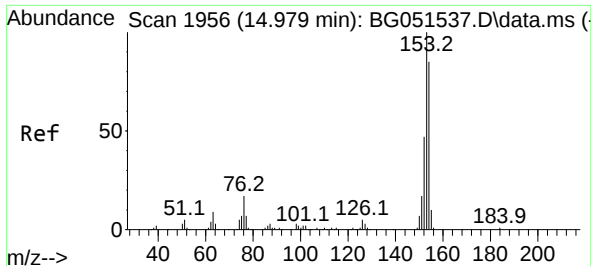


#50
Acenaphthylene
Concen: 12.086 ng/ul
RT: 14.637 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00



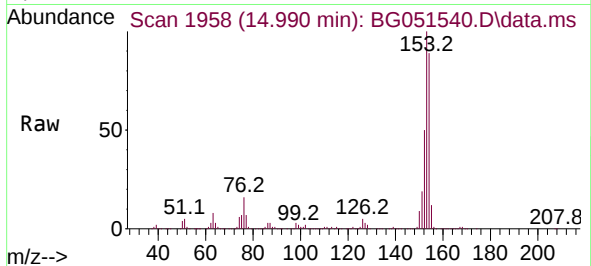
Tgt Ion:152 Resp: 122643
Ion Ratio Lower Upper
152 100
151 19.0 17.4 26.0
153 16.3 10.3 15.5





#52
Acenaphthene
Concen: 235.130 ng/u1
RT: 14.990 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

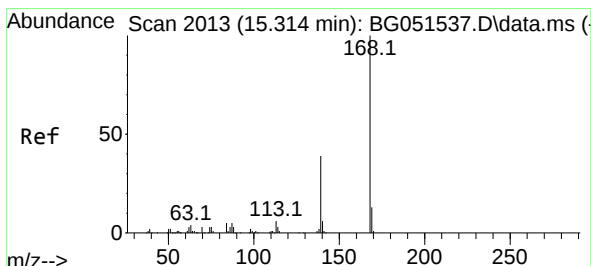
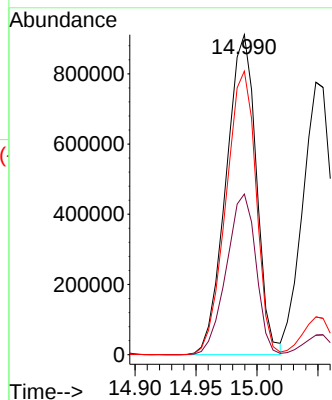
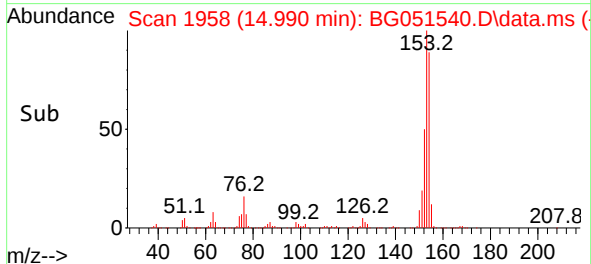
Instrument :
BNA_G
ClientSampleId :
DBLT3RE



Tgt Ion:153 Resp: 157622
Ion Ratio Lower Upper
153 100
152 50.2 36.5 54.7
154 88.6 65.8 98.6

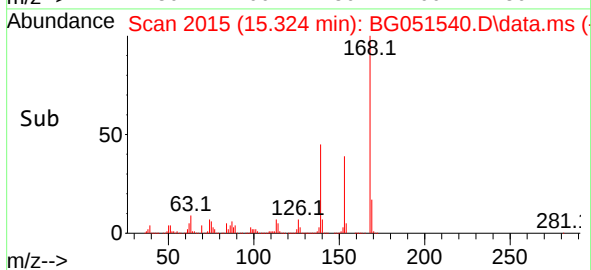
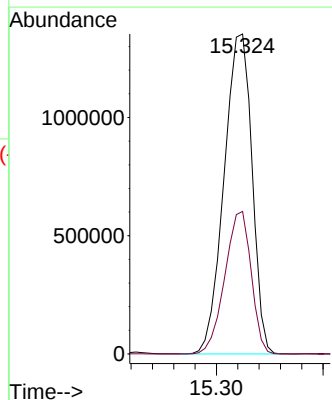
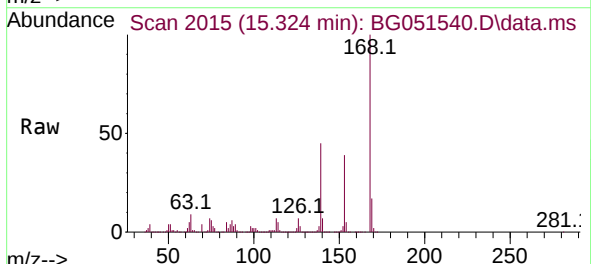
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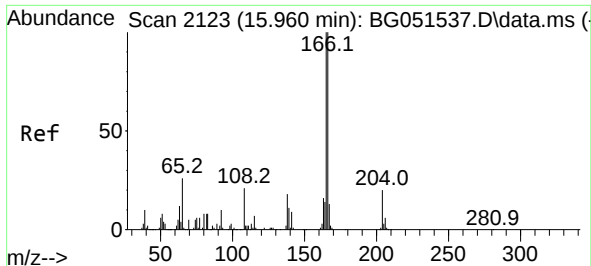
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#56
Dibenzofuran
Concen: 249.490 ng/u1
RT: 15.324 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

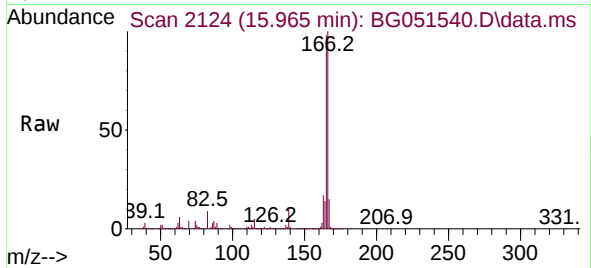
Tgt Ion:168 Resp: 2463101
Ion Ratio Lower Upper
168 100
139 44.6 31.2 46.8





#61
Fluorene
Concen: 149.024 ng/ul
RT: 15.965 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

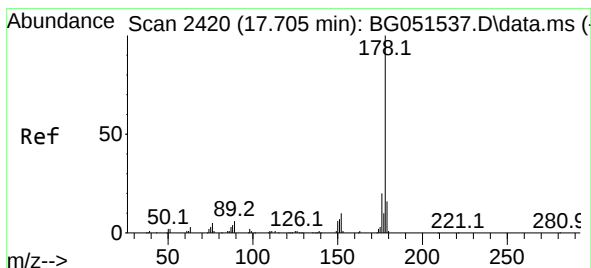
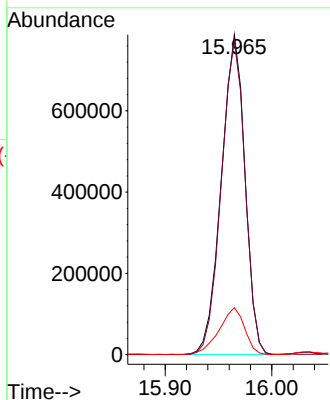
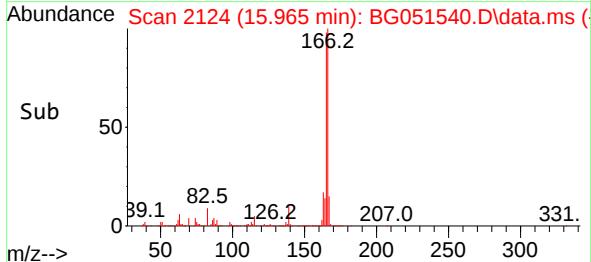
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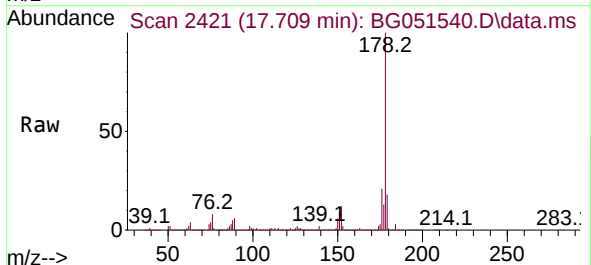
Tgt Ion:166 Resp: 121225
Ion Ratio Lower Upper
166 100
165 98.0 81.0 121.6
167 14.7 11.0 16.4

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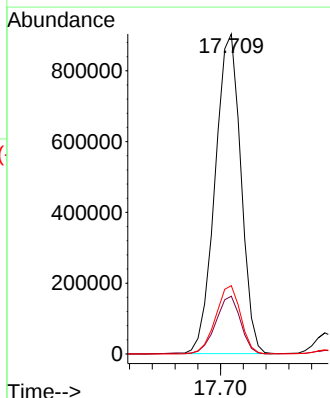
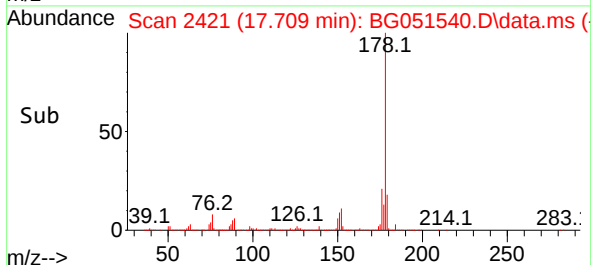
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

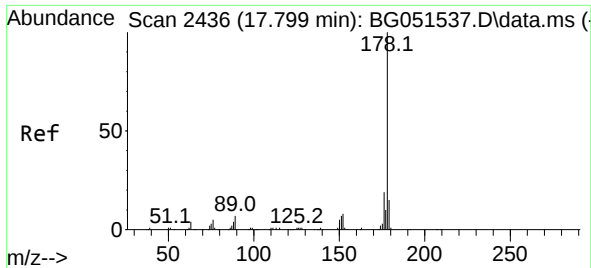


#72
Phenanthrene
Concen: 119.978 ng/ul
RT: 17.709 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00



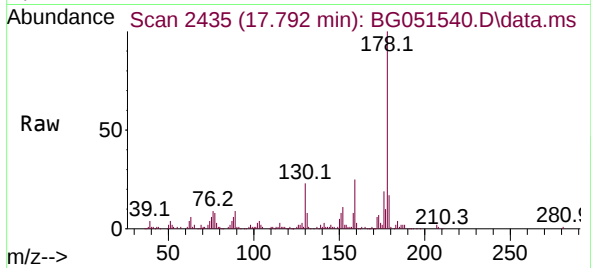
Tgt Ion:178 Resp: 1422260
Ion Ratio Lower Upper
178 100
179 18.0 12.3 18.5
176 21.3 15.5 23.3





#74
 Anthracene
 Concen: 7.029 ng/ul
 RT: 17.792 min Scan# 2436
 Delta R.T. -0.006 min
 Lab File: BG051540.D
 Acq: 15 Dec 2021 17:00

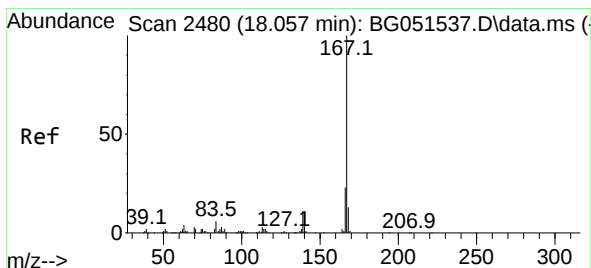
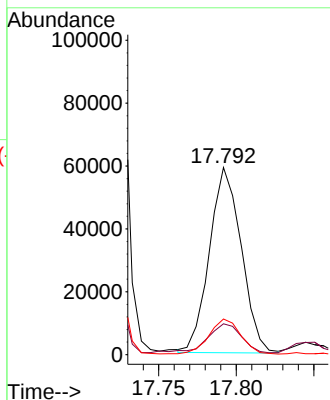
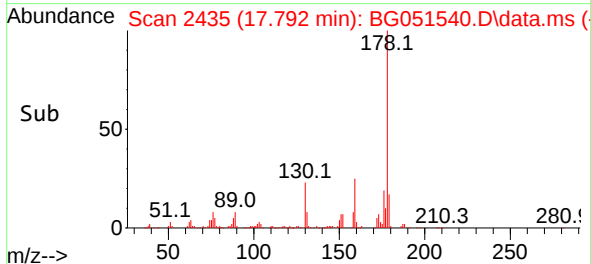
Instrument :
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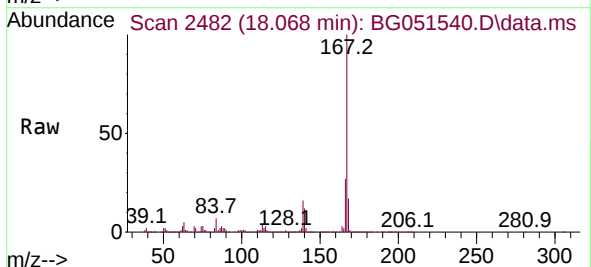
Tgt Ion:178 Resp: 8417
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.0 19.6
 176 19.1 15.6 23.4

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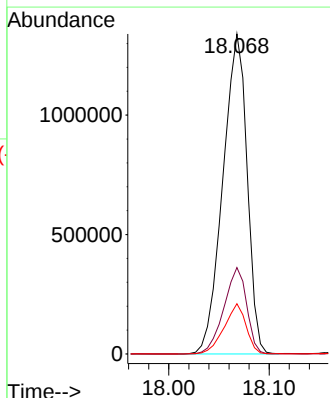
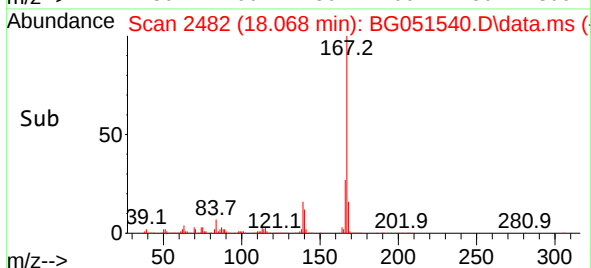
Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021

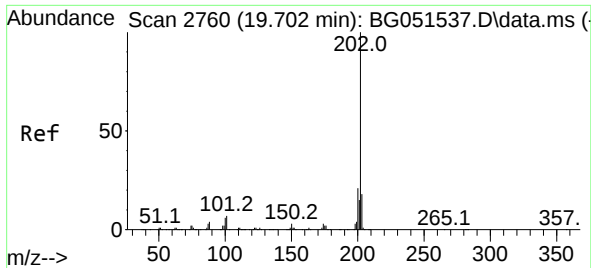


#77
 Carbazole
 Concen: 209.580 ng/ul
 RT: 18.068 min Scan# 2482
 Delta R.T. 0.006 min
 Lab File: BG051540.D
 Acq: 15 Dec 2021 17:00



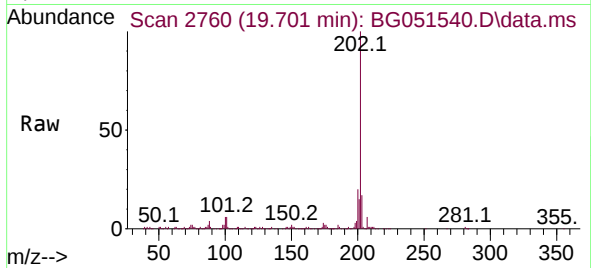
Tgt Ion:167 Resp: 2247501
 Ion Ratio Lower Upper
 167 100
 166 27.0 17.3 25.9#
 139 15.7 10.6 16.0





#80
Fluoranthene
Concen: 8.547 ng/ul
RT: 19.701 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

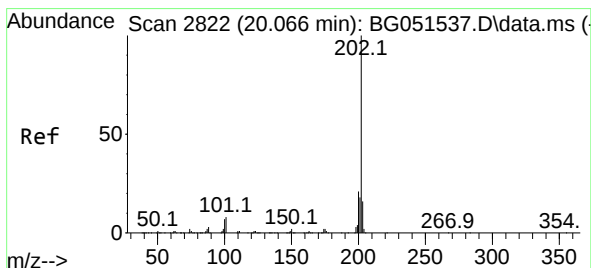
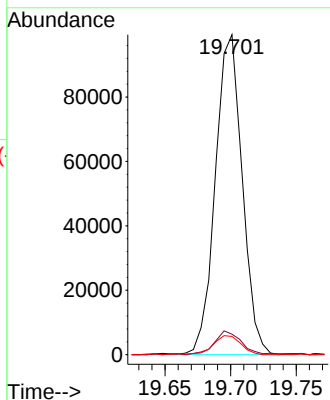
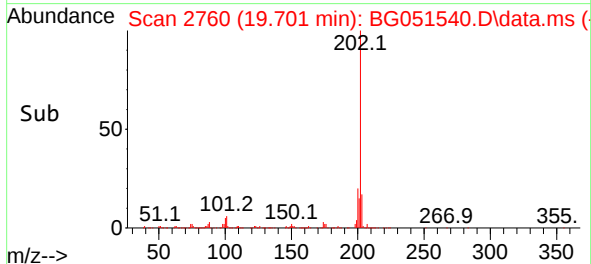
Instrument :
BNA_G
ClientSampleId :
DBLT3RE



Tgt Ion:202 Resp: 14138
Ion Ratio Lower Upper
202 100
101 6.4 9.3 13.9
100 5.7 7.0 10.6

Manual Integrations
APPROVED

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



#82
Pyrene
Concen: 4.490 ng/ul
RT: 20.059 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BG051540.D
Acq: 15 Dec 2021 17:00

Tgt Ion:202 Resp: 73506
Ion Ratio Lower Upper
202 100
101 7.7 10.7 16.1#
100 8.3 9.0 13.6#

