

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
 Data File : BG052008.D
 Acq On : 15 Jan 2022 23:20
 Operator : CG/JU
 Sample : N1100-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLS6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 17 04:03:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	26865	20.000	ng/u1	0.00
20) Naphthalene-d8	11.089	136	108893	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.896	164	72293	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.657	188	143893	20.000	ng/u1	# 0.02
79) Chrysene-d12	21.974	240	140405	20.000	ng/u1	0.02
88) Perylene-d12	25.481	264	144373	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	2335	3.106	ng/uL	0.00
4) Pyridine-d5	4.004	84	17456	7.469	ng/u1	0.00
7) Phenol-d5	7.382	99	54194	20.611	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	65160	39.038	ng/u1	0.00
11) 2-Chlorophenol-d4	7.770	132	38206	21.947	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	64214	31.416	ng/u1	0.00
21) Nitrobenzene-d5	9.421	128	20058	23.311	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	20689	21.741	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	39164	21.055	ng/u1	0.00
31) 4-Chloroaniline-d4	11.201	131	150154	57.965	ng/u1	-0.01
46) Dimethylphthalate-d6	14.285	166	123445	20.658	ng/u1	0.00
49) Acenaphthylene-d8	14.590	160	167571	23.215	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	14350	14.363	ng/u1	0.00
60) Fluorene-d10	15.888	176	115976	22.260	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.994	200	15807	17.413	ng/u1	0.01
73) Anthracene-d10	17.756	188	175755	25.748	ng/u1	0.02
81) Pyrene-d10	20.036	212	201887	24.984	ng/u1	0.02
92) Benzo(a)pyrene-d12	25.235	264	183829	24.187	ng/u1	0.04
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.296	107	26113	11.507	ng/u1#	43
30) Naphthalene	11.142	128	130947	22.192	ng/u1#	87
36) 2-Methylnaphthalene	12.734	142	83450	19.854	ng/u1	98
37) 1-Methylnaphthalene	12.951	142	193294	44.810	ng/u1#	99
43) 1,1'-Biphenyl	13.727	154	177767	31.852	ng/u1	97
52) Acenaphthene	14.960	153	276613	58.530	ng/u1	96
56) Dibenzofuran	15.295	168	304740	44.398	ng/u1	90
61) Fluorene	15.947	166	184782	32.307	ng/u1#	95
72) Phenanthrene	17.698	178	384163	50.952	ng/u1#	91
74) Anthracene	17.792	178	61370	8.131	ng/u1#	69
80) Fluoranthene	19.701	202	79319	8.494	ng/u1#	93
82) Pyrene	20.065	202	87347	9.501	ng/u1#	94
83) Butylbenzylphthalate	20.923	149	21628	6.760	ng/u1#	35
85) Benzo(a)anthracene	21.951	228	21487	2.327	ng/u1#	72
86) Bis(2-ethylhexyl)phtha...	21.916	149	14192548m	3033.042	ng/u1	
87) Chrysene	22.015	228	19934	2.242	ng/u1#	86
89) Di-n-octyl phthalate	23.143	149	1106507	138.744	ng/u1	100
90) Benzo(b)fluoranthene	24.365	252	12606m	1.318	ng/u1	

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

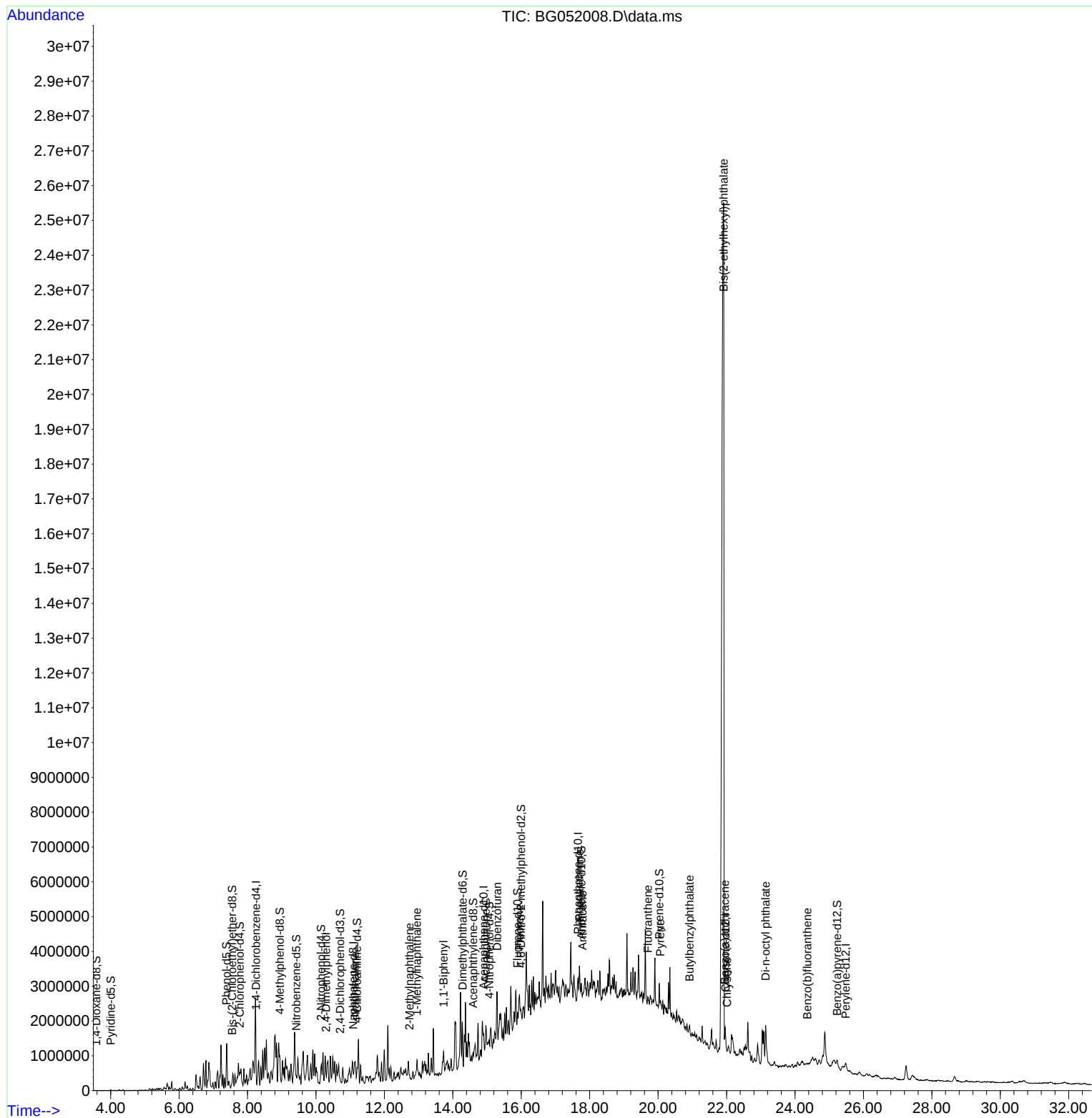
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052008.D
Acq On : 15 Jan 2022 23:20
Operator : CG/JU
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ALS Vial : 19 Sample Multiplier: 1

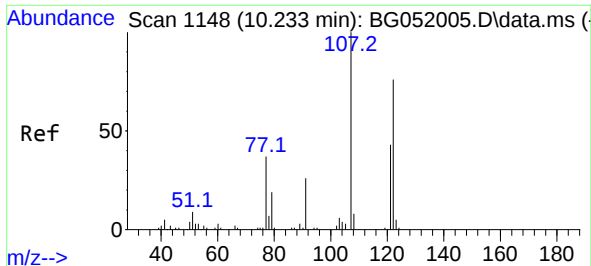
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ClientSampleId :
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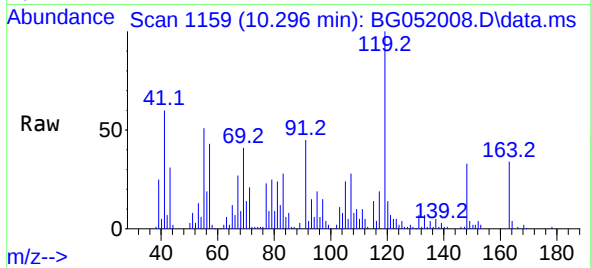
Quant Time: Jan 17 04:03:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 11.507 ng/ul
RT: 10.296 min Scan# 1159
Delta R.T. 0.063 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

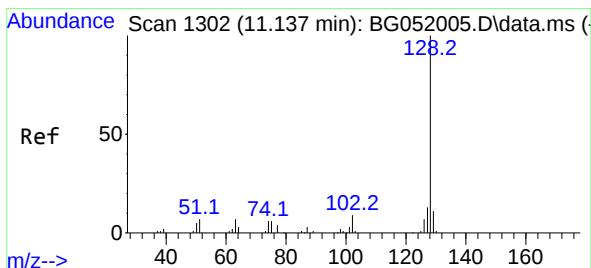
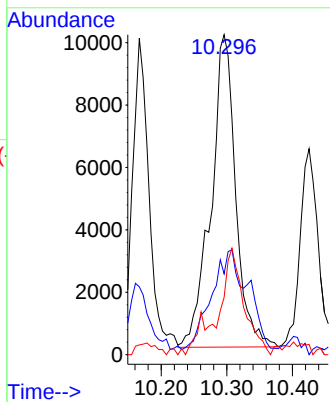
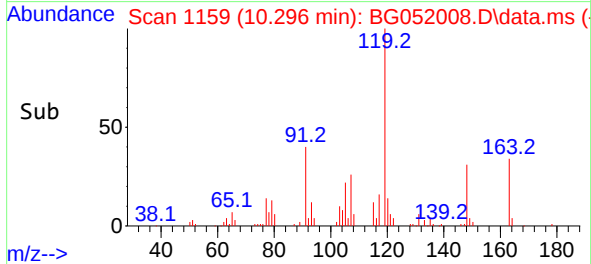
Instrument :
BNA_G
ClientSampleId :
BGLS6



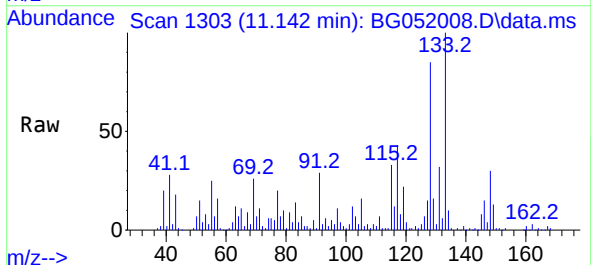
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Ion Ratio Lower Upper
107 100
121 25.3 39.3 58.9
122 17.9 63.7 95.5

Manual Integrations
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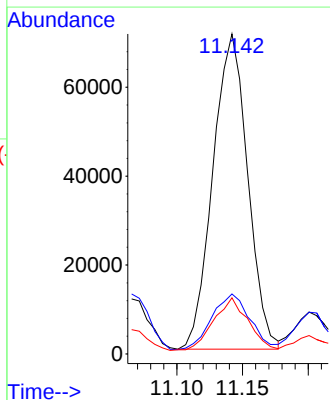
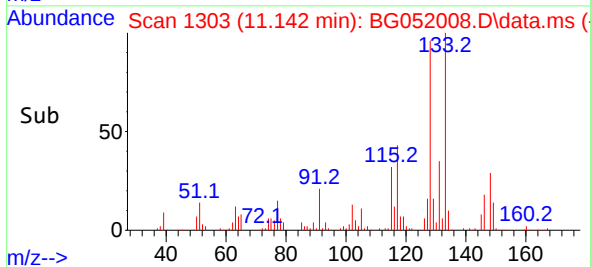
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

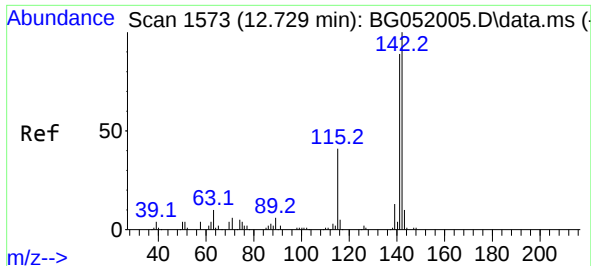


#30
Naphthalene
Concen: 22.192 ng/ul
RT: 11.142 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20



Tgt Ion:128 Resp: 130947
Ion Ratio Lower Upper
128 100
129 18.7 8.5 12.7#
127 17.6 11.8 17.6





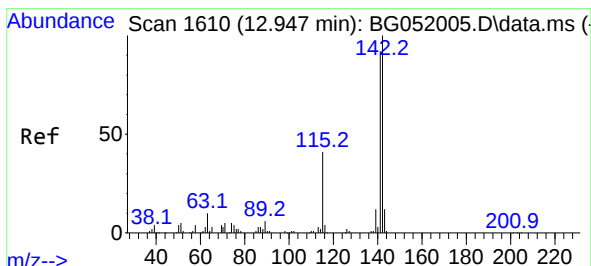
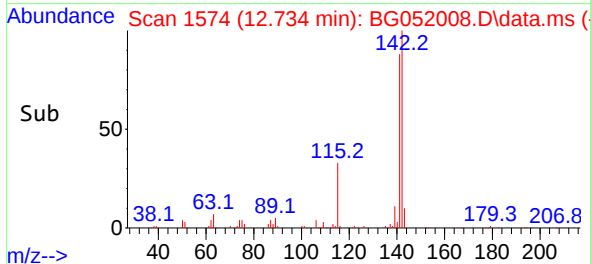
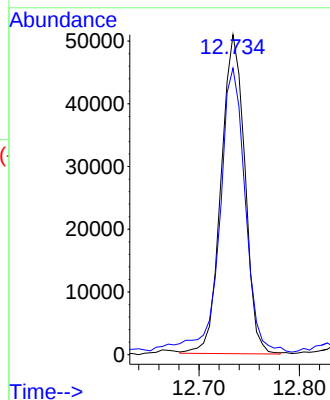
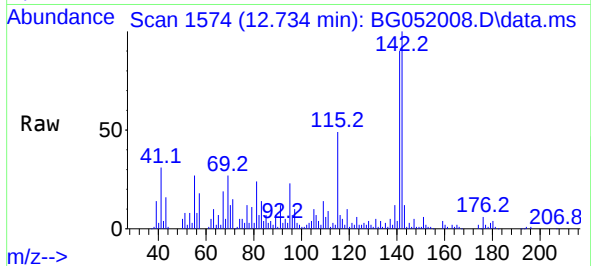
#36
2-Methylnaphthalene
Concen: 19.854 ng/ul
RT: 12.734 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:142 Resp: 83450
Ion Ratio Lower Upper
142 100
141 89.5 73.3 109.9

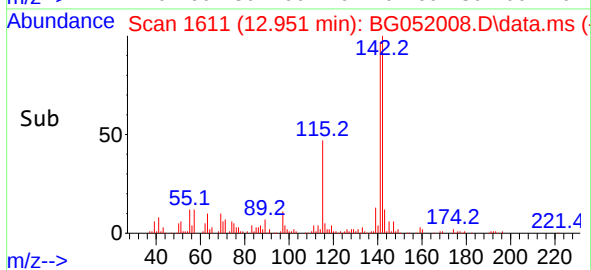
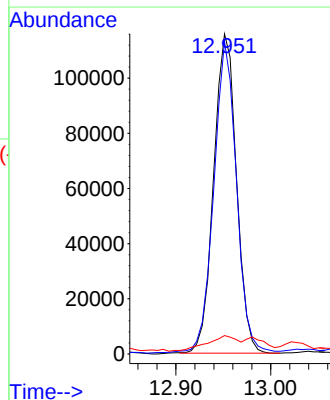
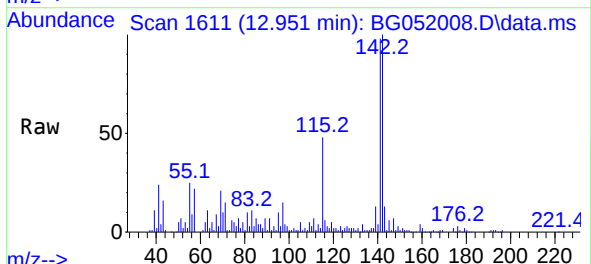
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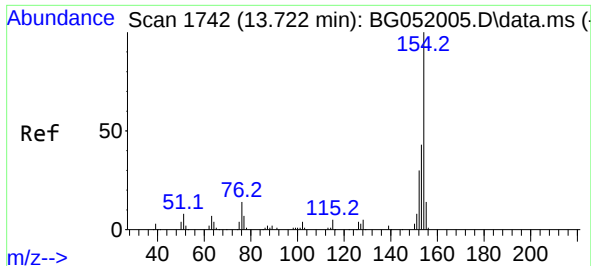
Reviewed By :Jagrut Upadhyay 01/17/2022
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#37
1-Methylnaphthalene
Concen: 44.810 ng/ul
RT: 12.951 min Scan# 1611
Delta R.T. -0.001 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

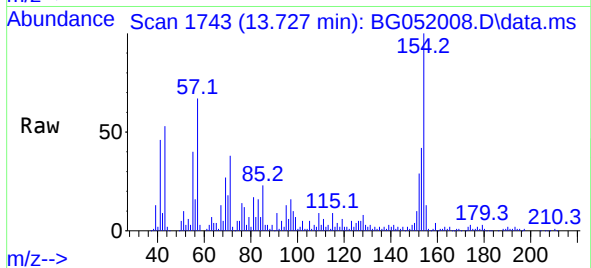
Tgt Ion:142 Resp: 193294
Ion Ratio Lower Upper
142 100
141 97.6 77.8 116.8
116 5.7 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 31.852 ng/u1
RT: 13.727 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

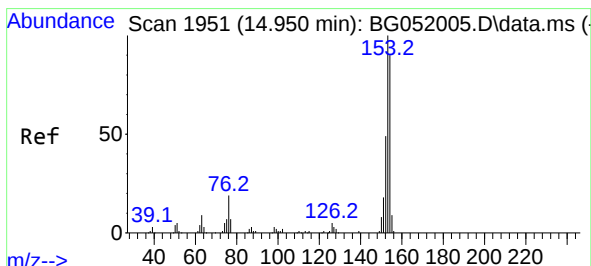
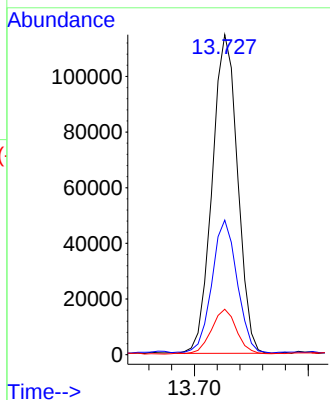
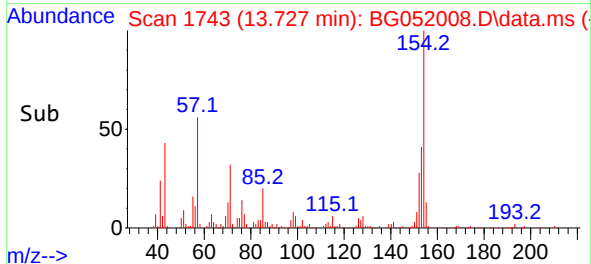
Instrument :
BNA_G
ClientSampleId :
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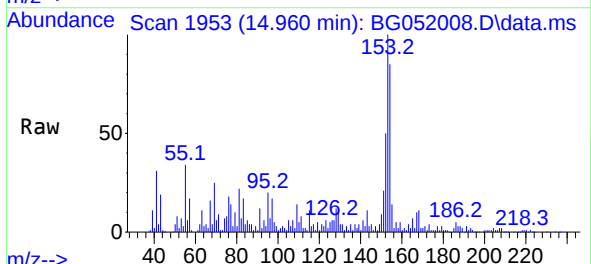
Tgt Ion:154 Resp: 17776
Ion Ratio Lower Upper
154 100
153 42.1 34.5 51.7
76 14.2 13.1 19.7

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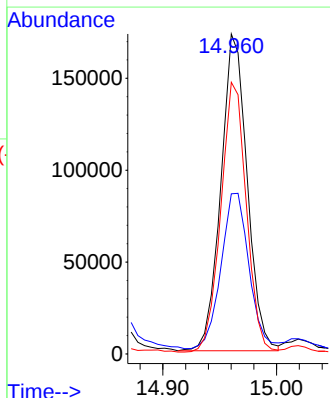
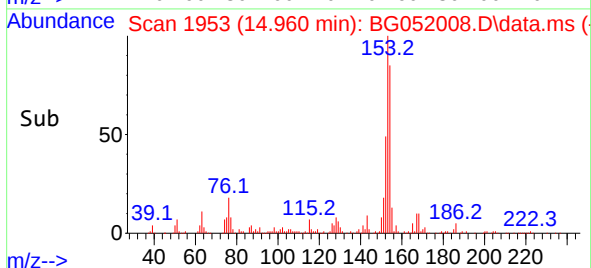
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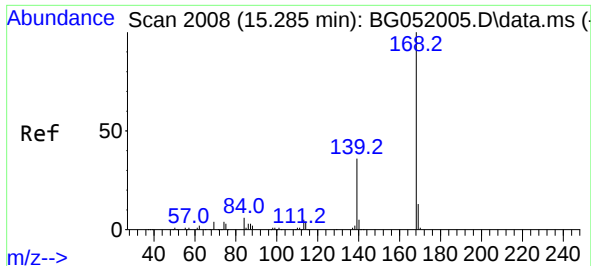


#52
Acenaphthene
Concen: 58.530 ng/u1
RT: 14.960 min Scan# 1953
Delta R.T. 0.005 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20



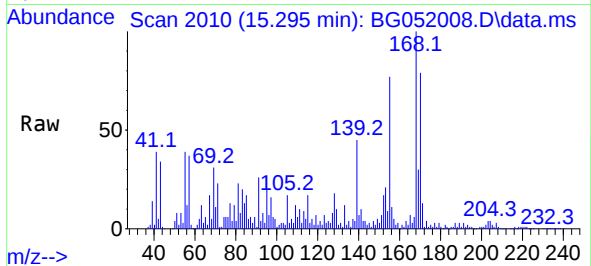
Tgt Ion:153 Resp: 276613
Ion Ratio Lower Upper
153 100
152 50.0 36.5 54.7
154 84.9 65.8 98.6





#56
Dibenzenofuran
Concen: 44.398 ng/u1
RT: 15.295 min Scan# 2008
Delta R.T. 0.011 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

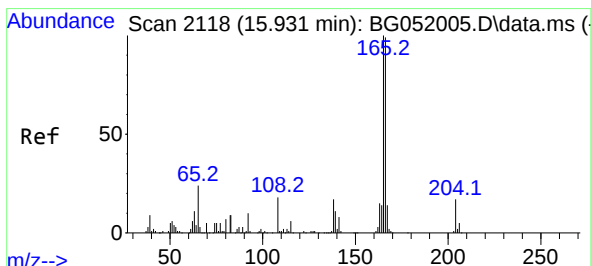
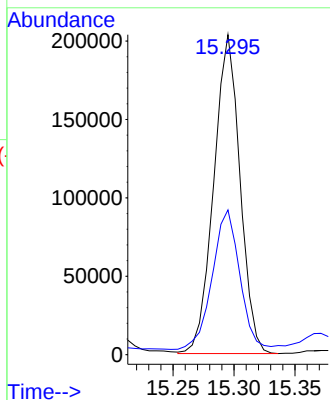
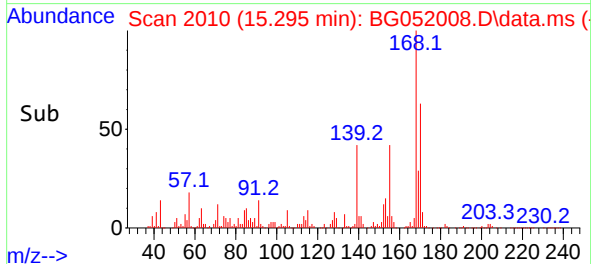
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ClientSampleId :
BGLS6



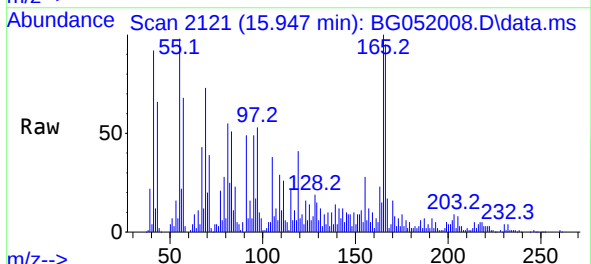
Tgt Ion:168 Resp: 304740
Ion Ratio Lower Upper
168 100
139 45.3 31.2 46.8

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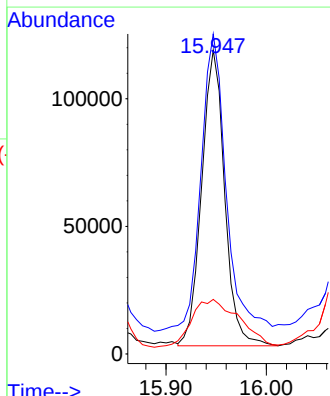
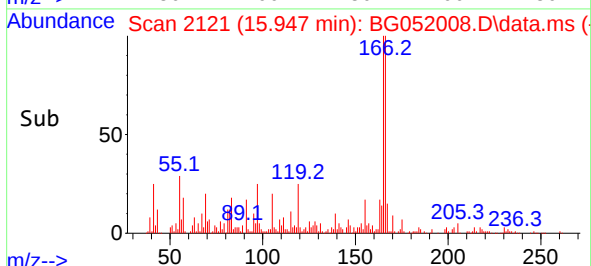
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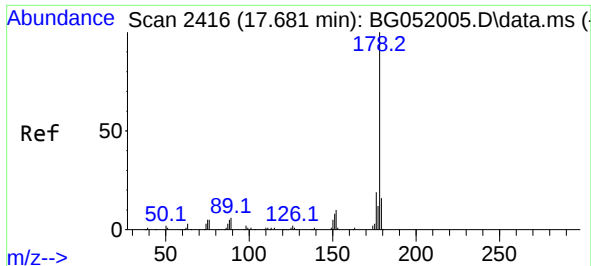


#61
Fluorene
Concen: 32.307 ng/u1
RT: 15.947 min Scan# 2121
Delta R.T. 0.011 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20



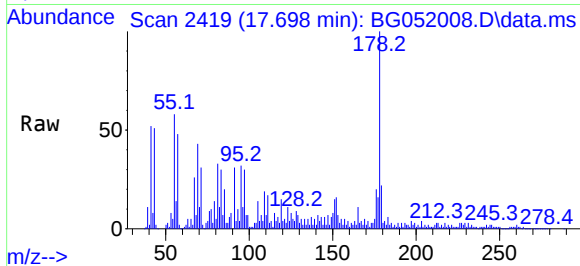
Tgt Ion:166 Resp: 184782
Ion Ratio Lower Upper
166 100
165 105.3 81.0 121.6
167 17.9 11.0 16.4#





#72
Phenanthrene
Concen: 50.952 ng/u1
RT: 17.698 min Scan# 2419
Delta R.T. 0.016 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

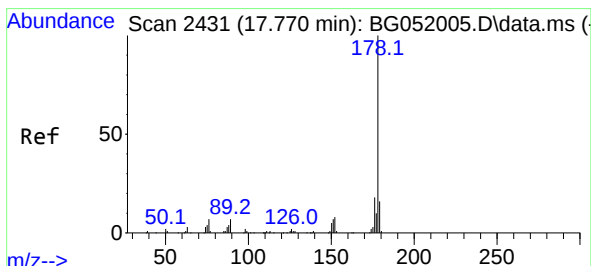
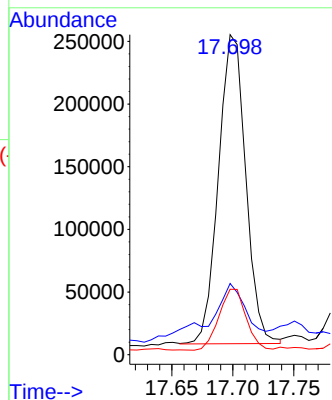
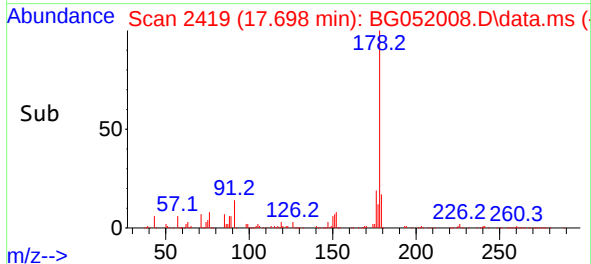
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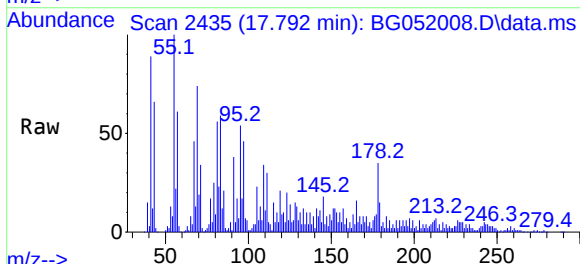
Tgt Ion:178 Resp: 38416
Ion Ratio Lower Upper
178 100
179 22.3 12.3 18.5
176 20.5 15.5 23.3

Manual Integrations
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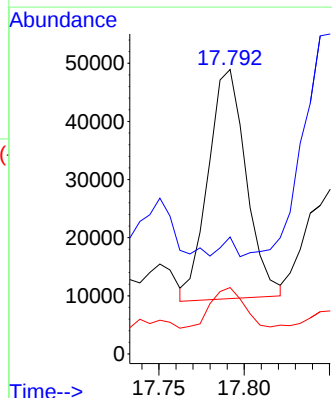
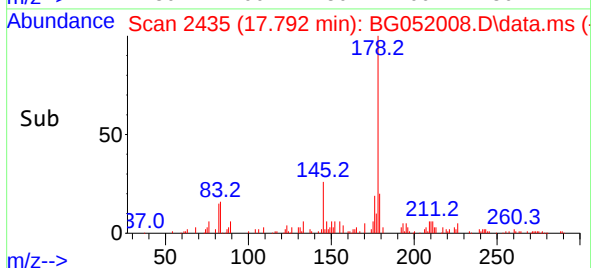
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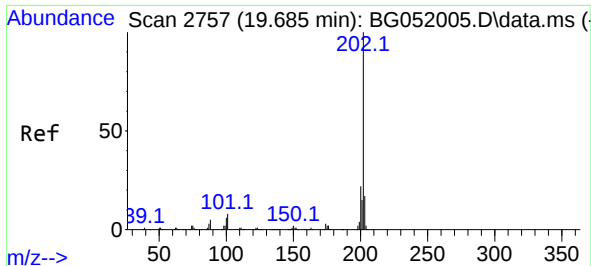


#74
Anthracene
Concen: 8.131 ng/u1
RT: 17.792 min Scan# 2435
Delta R.T. 0.016 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20



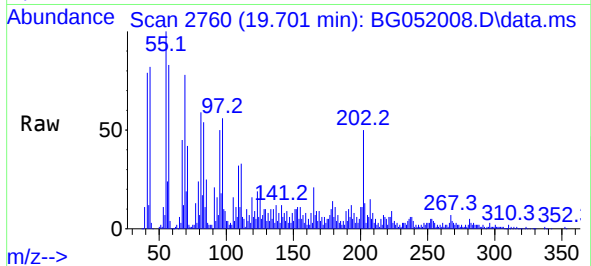
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Ion Ratio Lower Upper
178 100
179 41.1 13.0 19.6
176 23.4 15.6 23.4





#80
Fluoranthene
Concen: 8.494 ng/u1
RT: 19.701 min Scan# 21
Delta R.T. 0.022 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

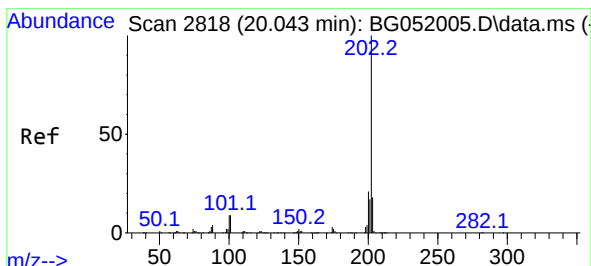
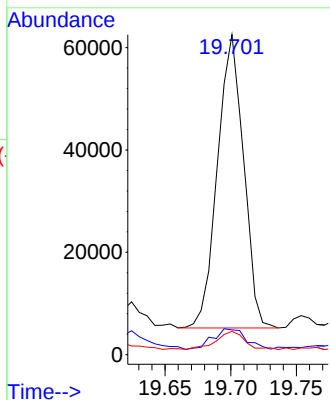
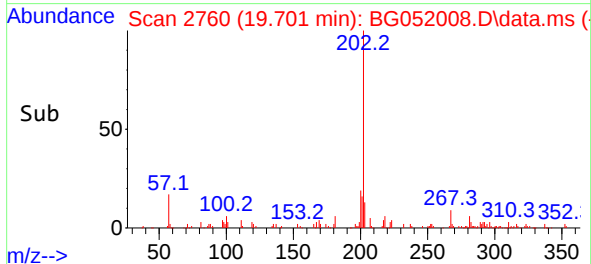
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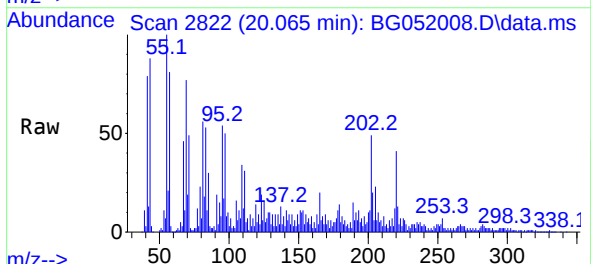
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Ion Ratio Lower Upper
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101 7.7 9.3 13.9
100 7.3 7.0 10.6

Manual Integrations
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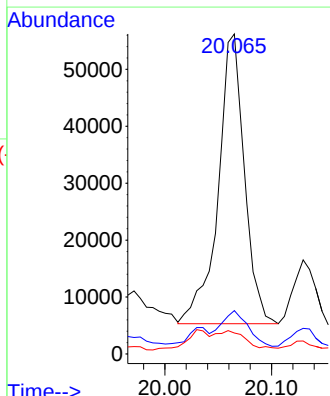
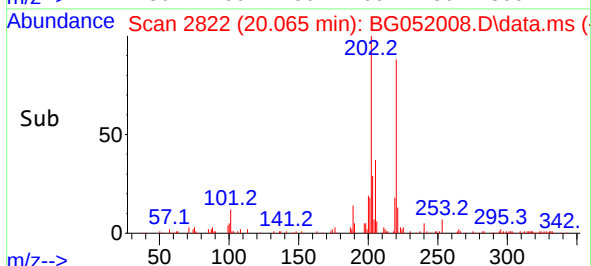
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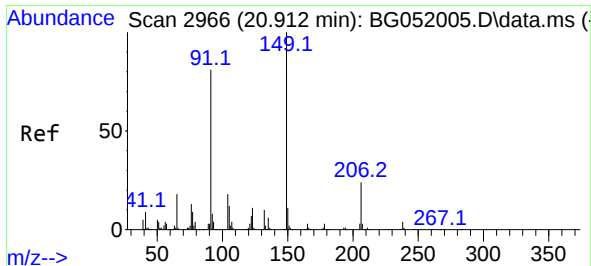


#82
Pyrene
Concen: 9.501 ng/u1
RT: 20.065 min Scan# 2822
Delta R.T. 0.022 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20



Tgt Ion:202 Resp: 87347
Ion Ratio Lower Upper
202 100
101 13.5 10.7 16.1
100 6.6 9.0 13.6





#83
Butylbenzylphthalate
Concen: 6.760 ng/ul
RT: 20.923 min Scan# 2968
Delta R.T. 0.011 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

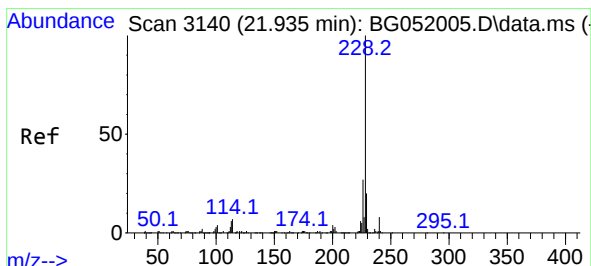
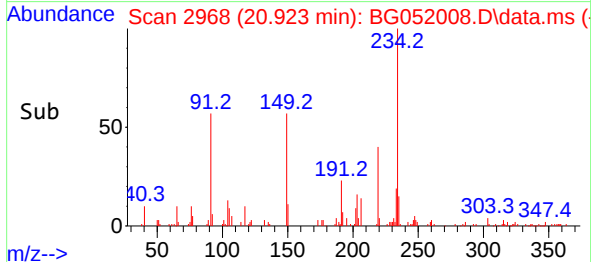
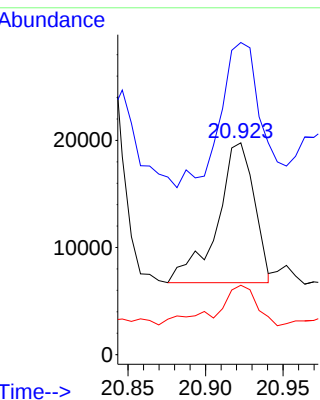
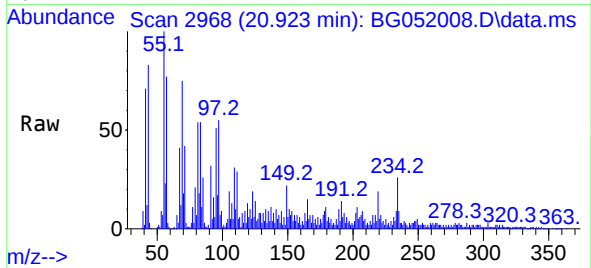
Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:149 Resp: 21628

Ion	Ratio	Lower	Upper
149	100		
91	147.4	65.2	97.8
206	32.8	16.2	24.2

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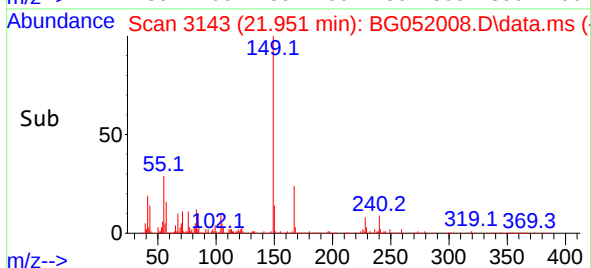
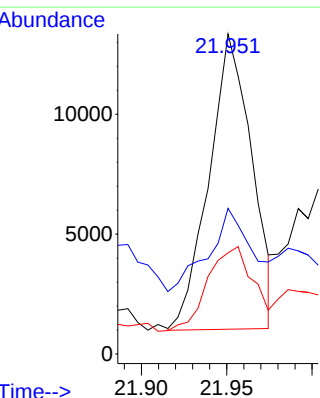
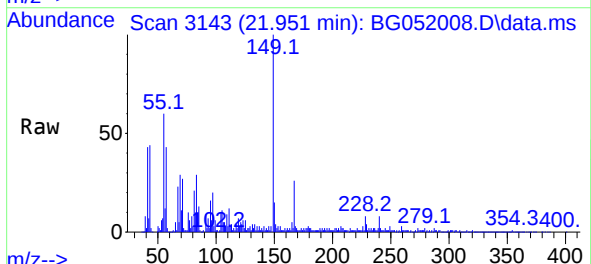
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

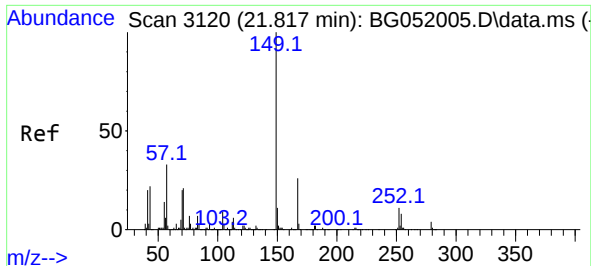


#85
Benzo(a)anthracene
Concen: 2.327 ng/ul
RT: 21.951 min Scan# 3143
Delta R.T. 0.016 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

Tgt Ion:228 Resp: 21487

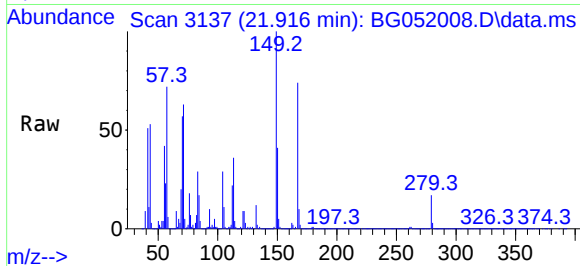
Ion	Ratio	Lower	Upper
228	100		
229	45.5	15.7	23.5
226	31.6	22.3	33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 3033.042 ng/ul m
RT: 21.916 min Scan# 3117
Delta R.T. 0.099 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

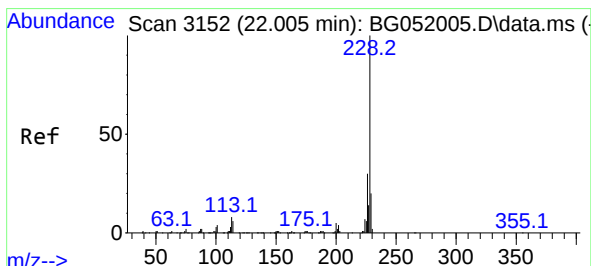
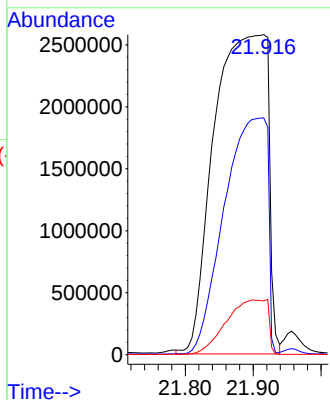
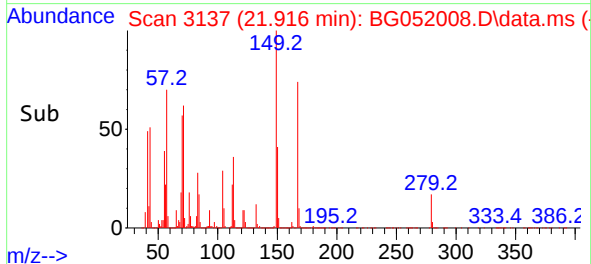
Instrument :
BNA_G
ClientSampleId :
BGLS6



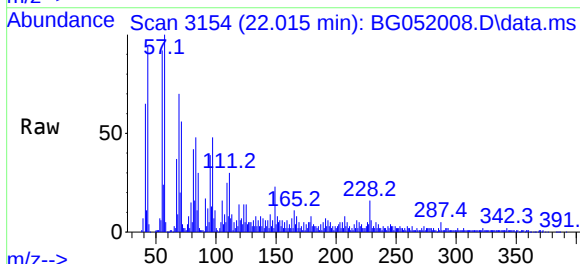
Tgt Ion:149 Resp:1419254
Ion Ratio Lower Upper
149 100
167 73.9 21.1 31.7
279 16.8 2.7 4.1

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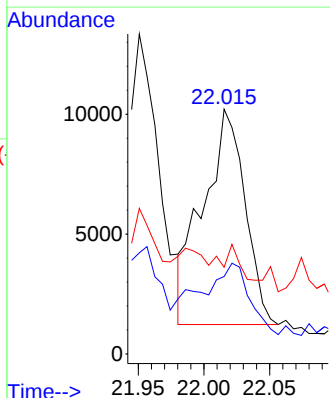
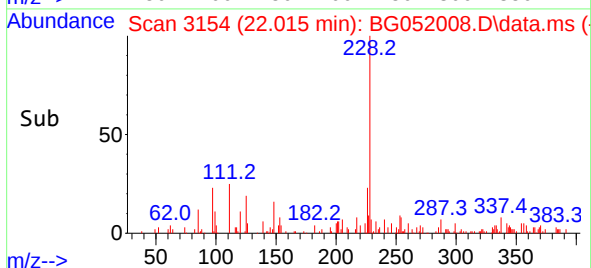
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

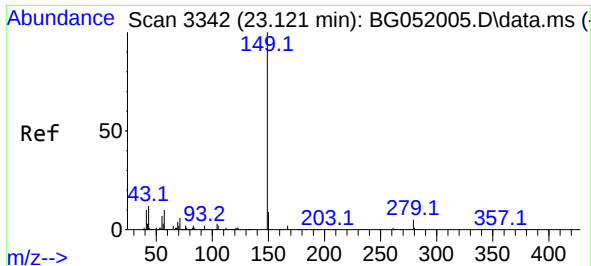


#87
Chrysene
Concen: 2.242 ng/ul
RT: 22.015 min Scan# 3154
Delta R.T. 0.011 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20



Tgt Ion:228 Resp: 19934
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 35.4 15.8 23.6





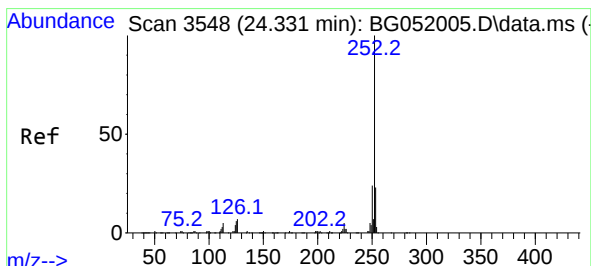
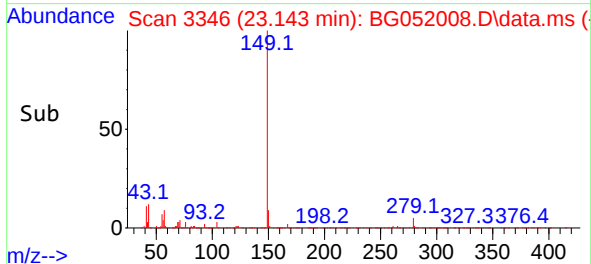
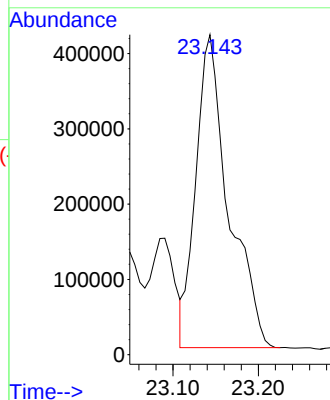
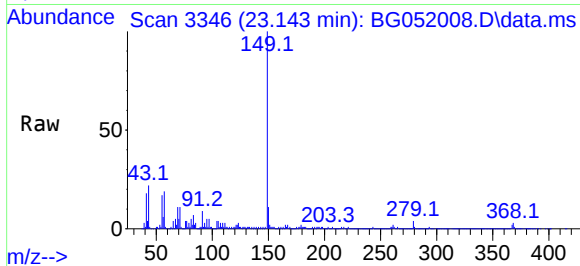
#89
Di-n-octyl phthalate
Concen: 138.744 ng/ul
RT: 23.143 min Scan# 31
Delta R.T. 0.022 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:149 Resp: 110650

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#90
Benzo(b)fluoranthene
Concen: 1.318 ng/ul m
RT: 24.365 min Scan# 3554
Delta R.T. 0.040 min
Lab File: BG052008.D
Acq: 15 Jan 2022 23:20

Tgt Ion:252 Resp: 12606
Ion Ratio Lower Upper
252 100
253 57.0 17.8 26.6#
125 98.7 8.5 12.7#

