

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
 Data File : BG049557.D
 Acq On : 29 Jul 2021 13:10
 Operator : CG/JU
 Sample : M3123-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0067

Manual Integrations
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mohammad
 7/30/2021 11:59:52 AM

Quant Time: Jul 29 14:04:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	21757	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	87820	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	63440	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	141122	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	144586	20.000	ng/ul	# 0.00
88) Perylene-d12	25.015	264	152536	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	666	1.400	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.204	99	18924	9.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	10690	9.805	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	13152	9.531	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	13545	9.335	ng/ul	0.00
21) Nitrobenzene-d5	9.213	128	7908	11.712	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	8959	11.323	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	13941	9.688	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	1680	0.838	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	49633	10.213	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	60028	10.635	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	5141	6.424	ng/ul	0.01
60) Fluorene-d10	15.692	176	48294	11.536	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	6079	6.951	ng/ul	0.01
73) Anthracene-d10	17.548	188	71732	10.937	ng/ul	0.00
81) Pyrene-d10	19.834	212	90842	12.287	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	79738	9.946	ng/ul	0.01
Target Compounds					Qvalue	
8) Phenol	7.227	94	5703	3.033	ng/ul	94
13) 2-Methylphenol	8.490	108	1605	1.120	ng/ul	88
18) 4-Methylphenol	8.825	108	3609	2.394	ng/ul#	75
30) Naphthalene	10.916	128	83865	18.539	ng/ul	97
36) 2-Methylnaphthalene	12.526	142	85251	25.749	ng/ul	88
37) 1-Methylnaphthalene	12.743	142	43309	12.945	ng/ul	81
43) 1,1'-Biphenyl	13.530	154	32057	7.096	ng/ul#	89
56) Dibenzofuran	15.099	168	22822	4.372	ng/ul	96
72) Phenanthrene	17.496	178	195171	26.566	ng/ul	98
74) Anthracene	17.584	178	7502m	1.008	ng/ul	
80) Fluoranthene	19.499	202	31411m	3.499	ng/ul	
82) Pyrene	19.863	202	23322	2.617	ng/ul#	95
85) Benzo(a)anthracene	21.713	228	19761m	2.235	ng/ul	
87) Chrysene	21.784	228	56672	6.698	ng/ul	97
90) Benzo(b)fluoranthene	23.969	252	13340	1.395	ng/ul#	93

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

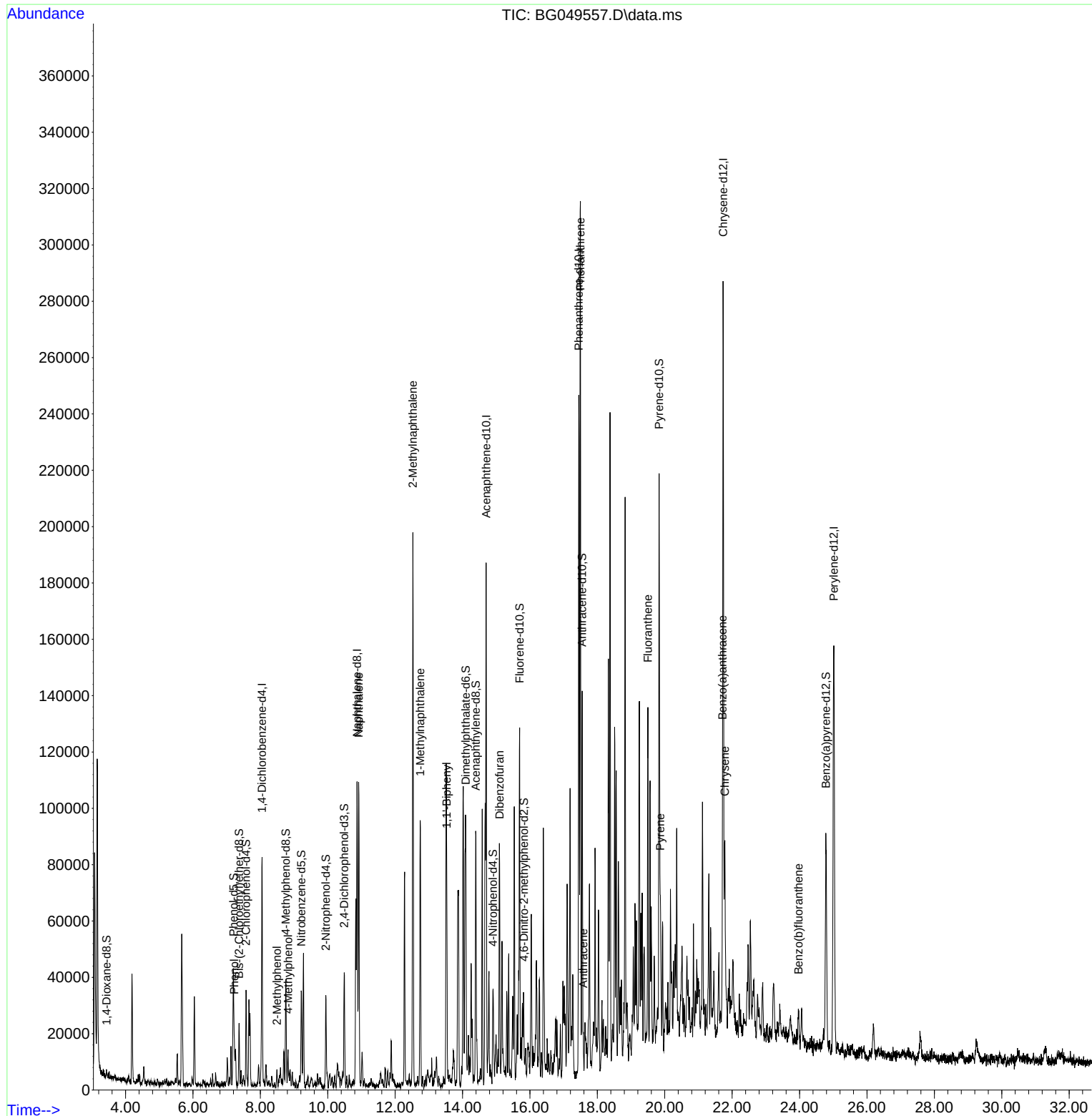
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Data File : BG049557.D
Acq On : 29 Jul 2021 13:10
Operator : CG/JU
Sample : M3123-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

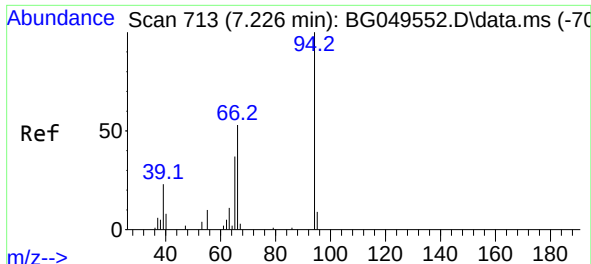
Instrument :
BNA_G
ClientSampleId :
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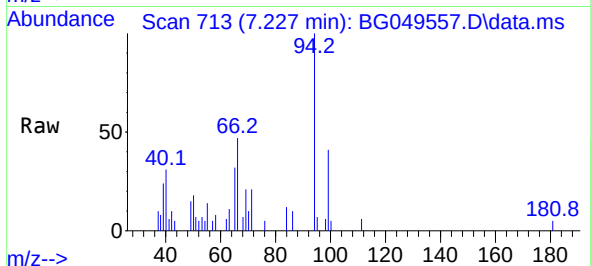
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Quant Time: Jul 29 14:04:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
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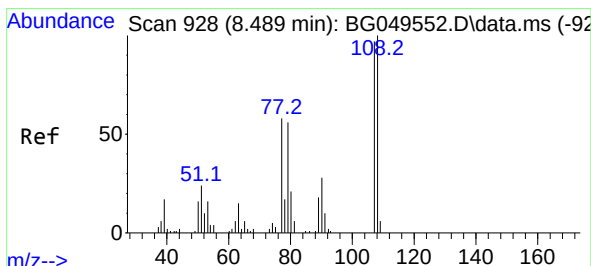
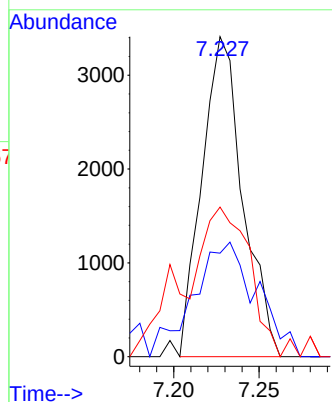
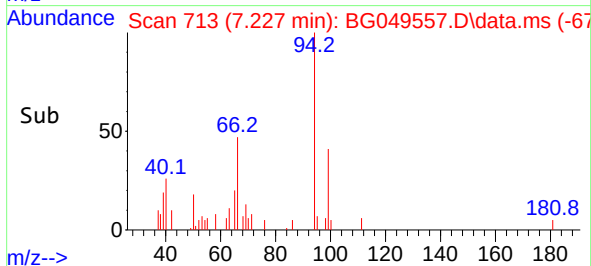




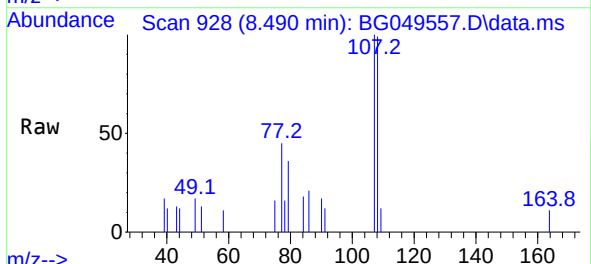
#8
Phenol
Concen: 3.033 ng/ul
RT: 7.227 min Scan# 713
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10



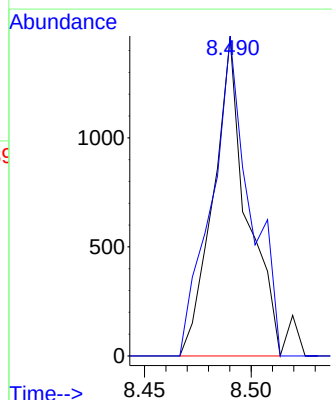
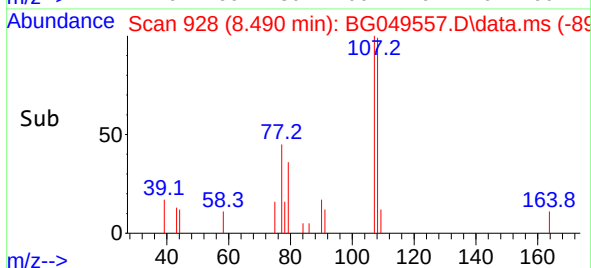
Tgt Ion: 94 Resp: 5703
Ion Ratio Lower Upper
94 100
65 32.3 28.8 43.2
66 46.8 40.3 60.5



#13
2-Methylphenol
Concen: 1.120 ng/ul
RT: 8.490 min Scan# 928
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10



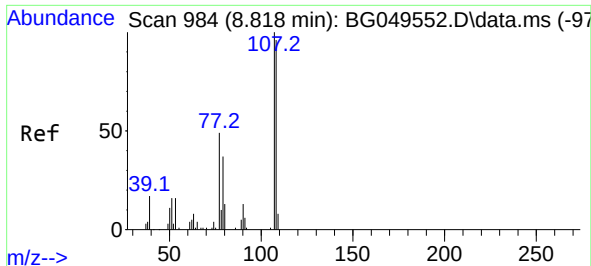
Tgt Ion: 108 Resp: 1605
Ion Ratio Lower Upper
108 100
107 100.5 71.2 106.8



Instrument :
BNA_G
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C0067

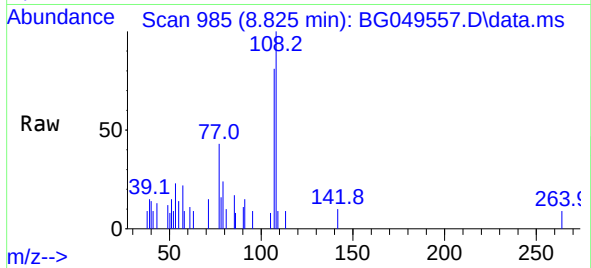
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#18
4-Methylphenol
Concen: 2.394 ng/ul
RT: 8.825 min Scan# 985
Delta R.T. 0.006 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

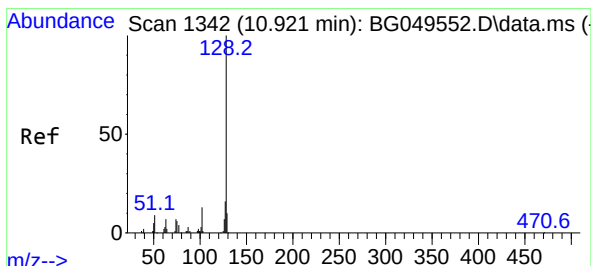
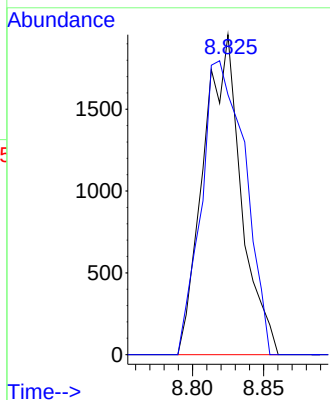
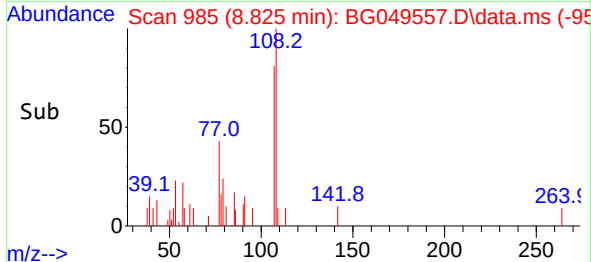
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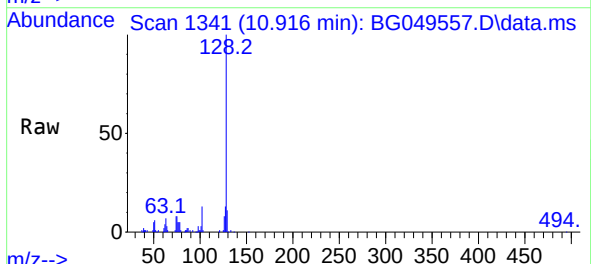
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Ion Ratio Lower Upper
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107 81.2 85.4 128.2#

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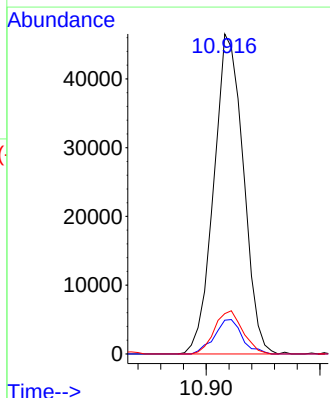
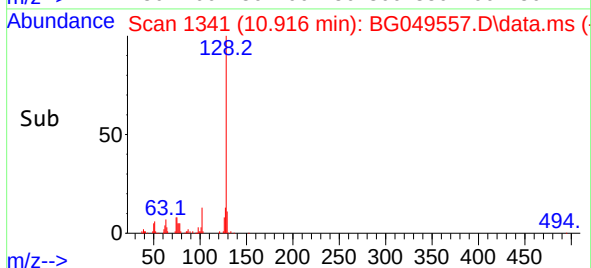
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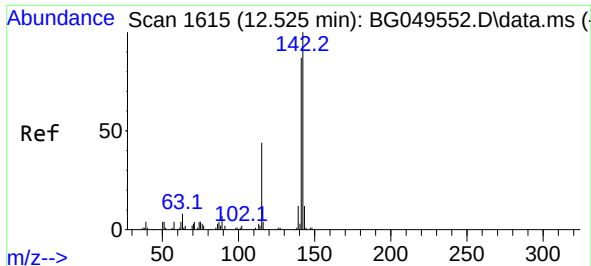


#30
Naphthalene
Concen: 18.539 ng/ul
RT: 10.916 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10



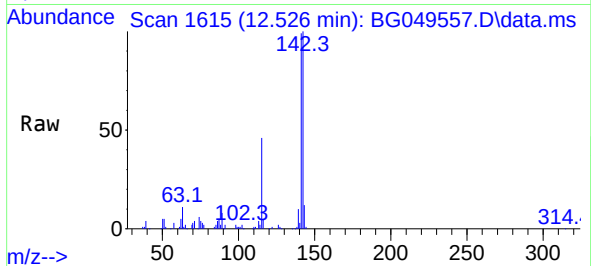
Tgt Ion:128 Resp: 83865
Ion Ratio Lower Upper
128 100
129 10.6 7.8 11.8
127 12.6 11.0 16.6





#36
2-Methylnaphthalene
Concen: 25.749 ng/ul
RT: 12.526 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

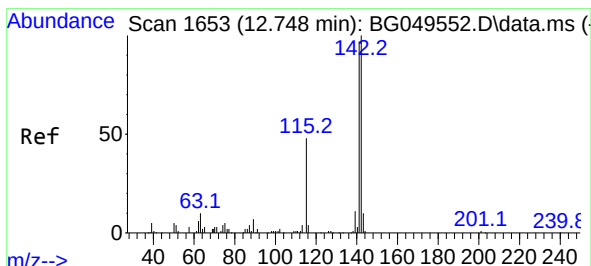
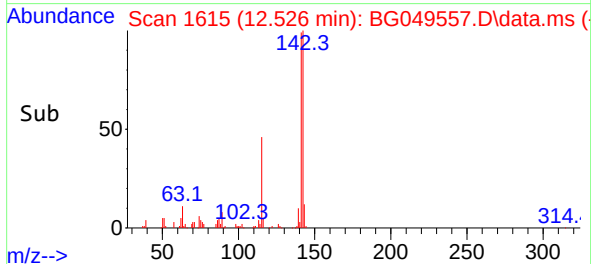
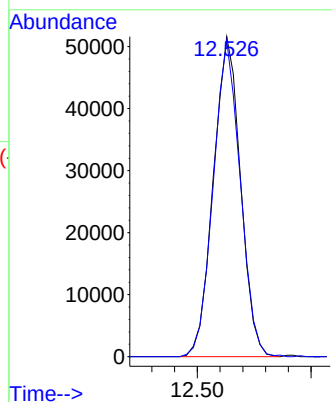
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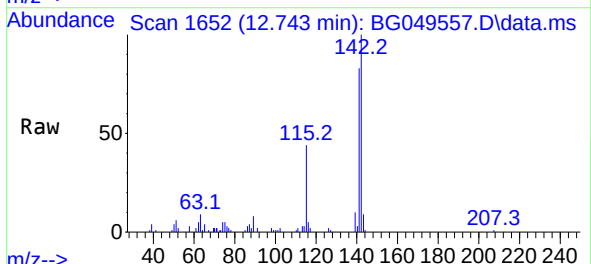
Tgt Ion:142 Resp: 85251
Ion Ratio Lower Upper
142 100
141 98.7 69.9 104.9

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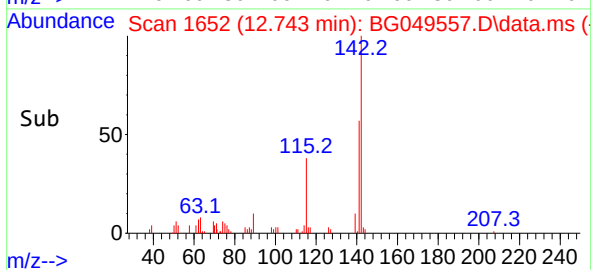
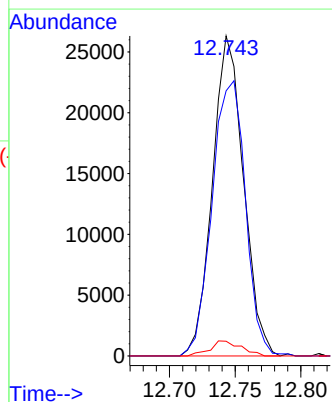
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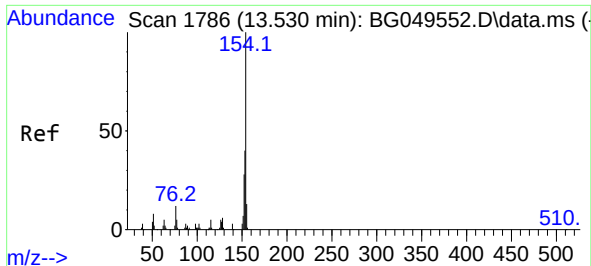


#37
1-Methylnaphthalene
Concen: 12.945 ng/ul
RT: 12.743 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10



Tgt Ion:142 Resp: 43309
Ion Ratio Lower Upper
142 100
141 82.8 82.1 123.1
116 4.6 3.8 5.6





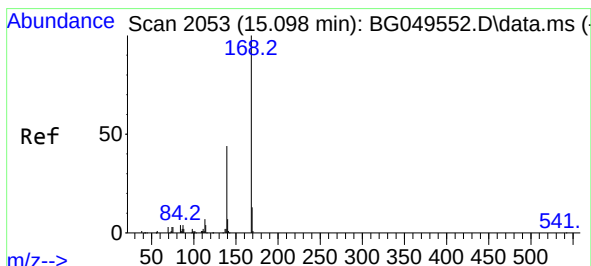
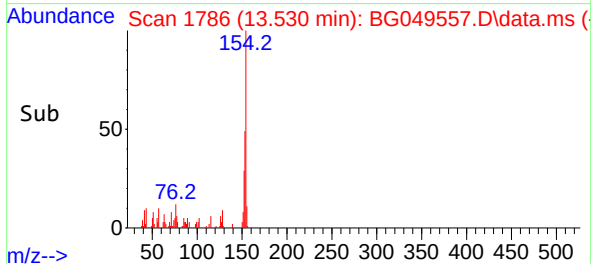
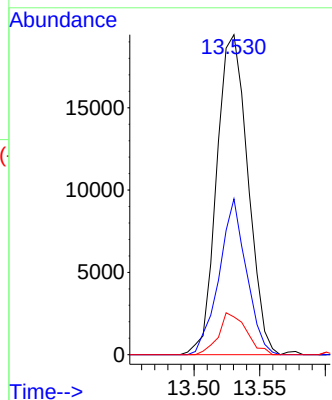
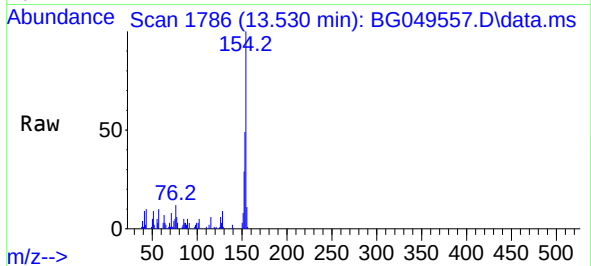
#43
1,1'-Biphenyl
Concen: 7.096 ng/ul
RT: 13.530 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

Tgt Ion:154 Resp: 32057
Ion Ratio Lower Upper
154 100
153 48.7 33.3 49.9
76 11.8 7.0 10.6#

Instrument :
BNA_G
ClientSampled :
C0067

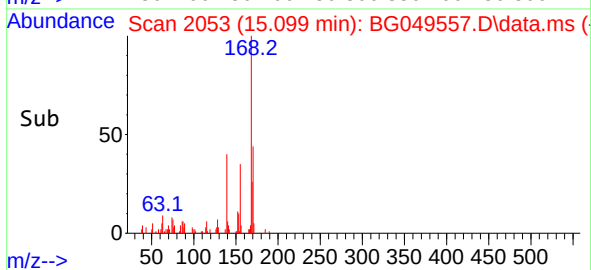
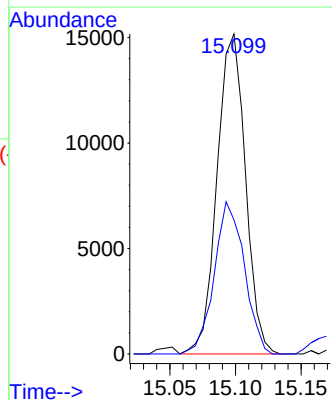
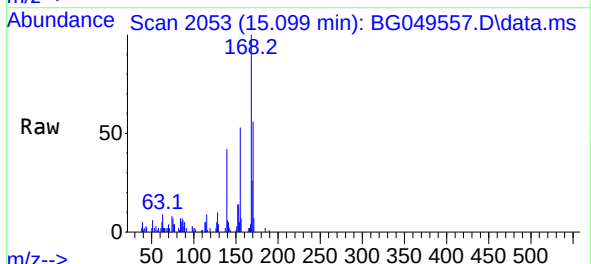
Manual Integrations
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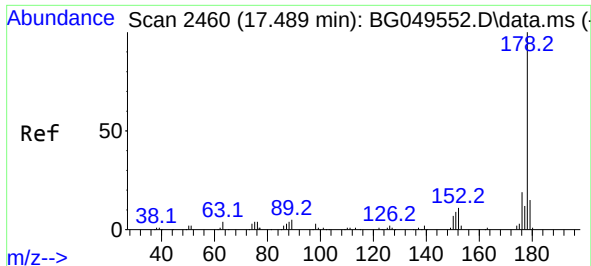
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#56
Dibenzofuran
Concen: 4.372 ng/ul
RT: 15.099 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

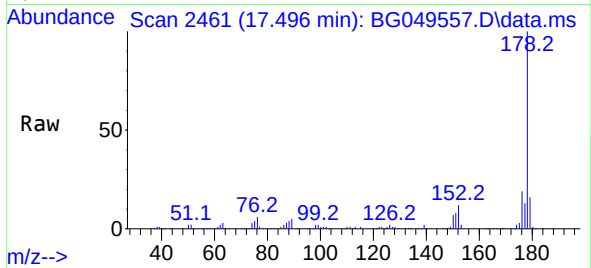
Tgt Ion:168 Resp: 22822
Ion Ratio Lower Upper
168 100
139 41.9 35.5 53.3





#72
Phenanthrene
Concen: 26.566 ng/ul
RT: 17.496 min Scan# 2461
Delta R.T. 0.006 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

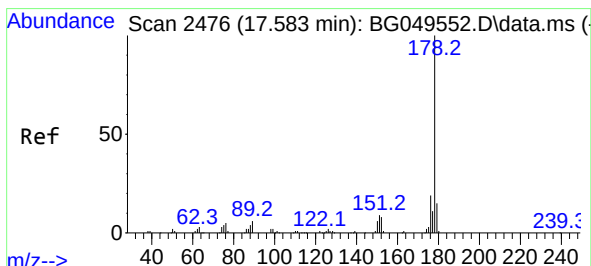
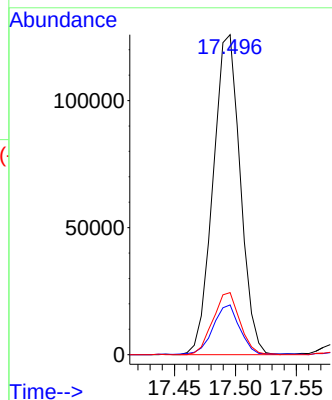
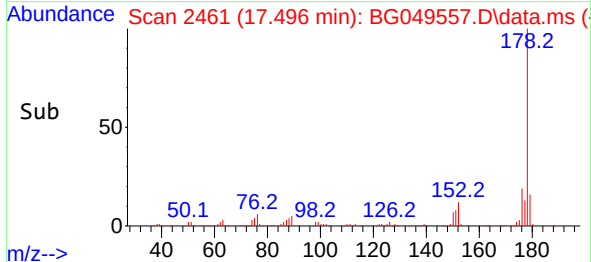
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ClientSampled :
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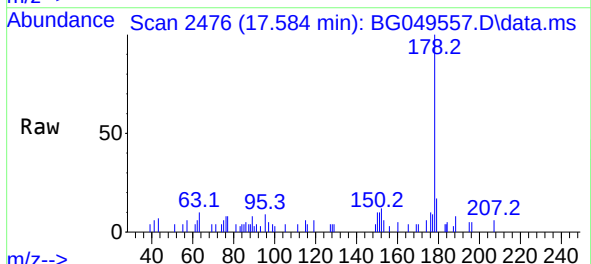
Tgt Ion:178 Resp: 195171
Ion Ratio Lower Upper
178 100
179 15.6 13.2 19.8
176 19.4 15.0 22.6

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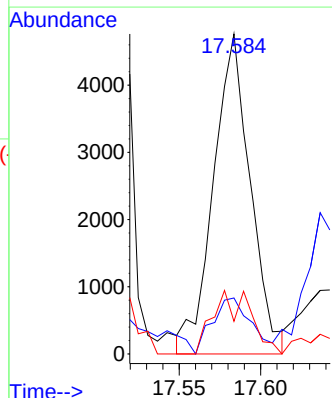
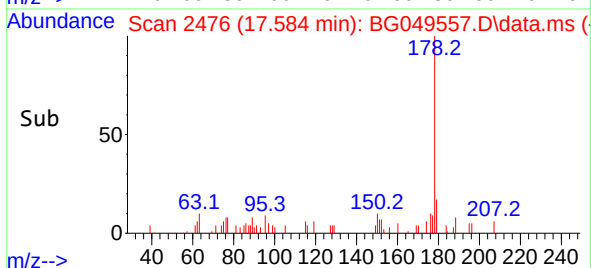
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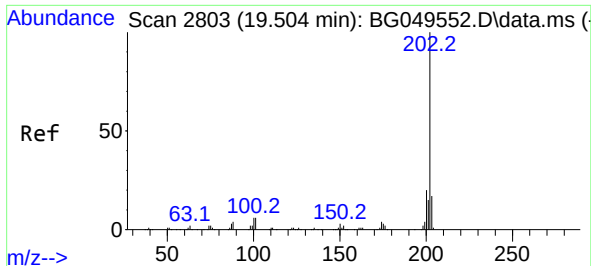


#74
Anthracene
Concen: 1.008 ng/ul m
RT: 17.584 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10



Tgt Ion:178 Resp: 7502
Ion Ratio Lower Upper
178 100
179 17.5 12.0 18.0
176 10.2 15.6 23.4#





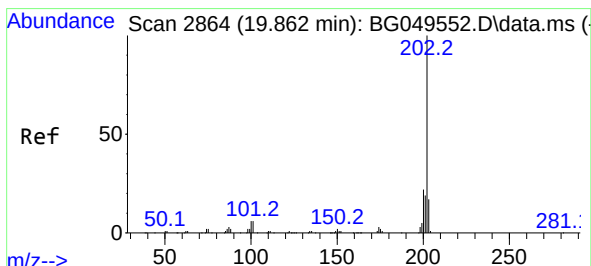
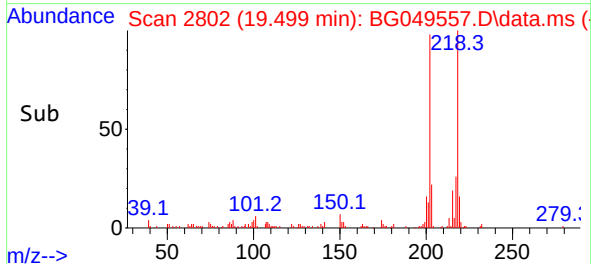
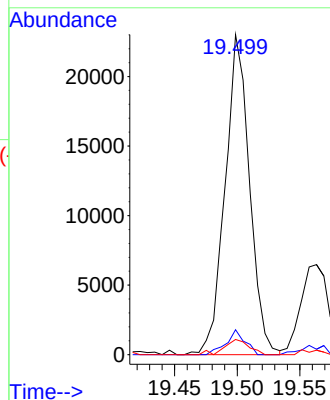
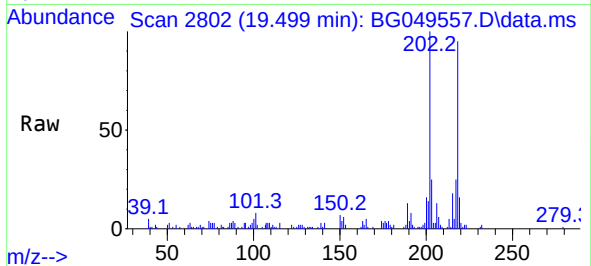
#80
Fluoranthene
Concen: 3.499 ng/ul m
RT: 19.499 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

Tgt Ion:202 Resp: 31411
Ion Ratio Lower Upper
202 100
101 7.8 4.3 6.5#
100 4.7 3.8 5.6

Instrument :
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C0067

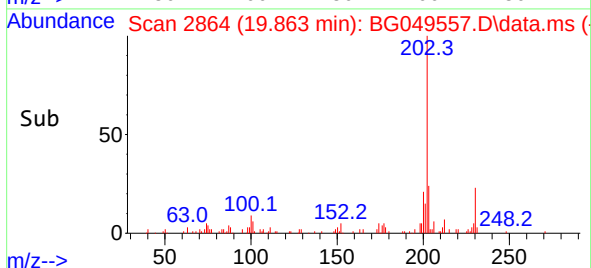
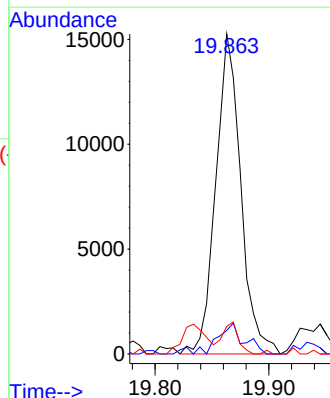
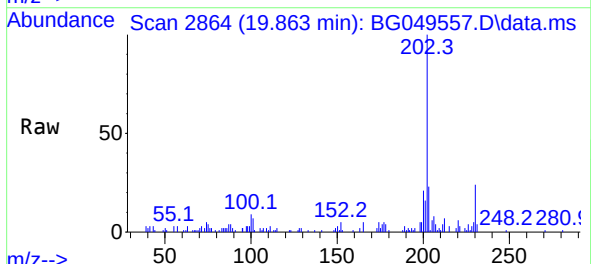
Manual Integrations
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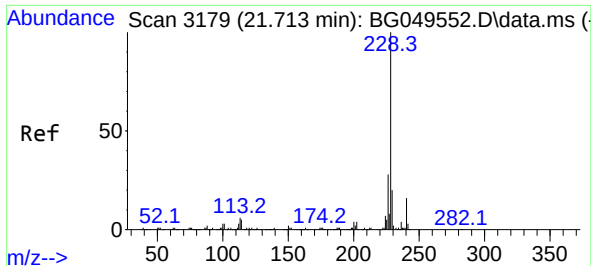
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#82
Pyrene
Concen: 2.617 ng/ul
RT: 19.863 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

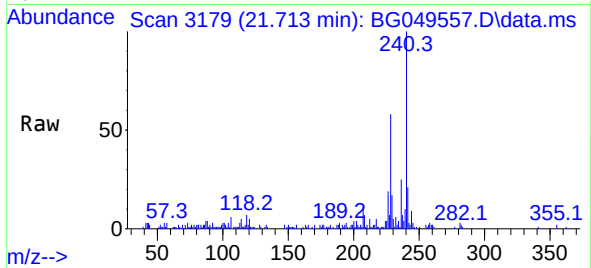
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Ion Ratio Lower Upper
202 100
101 7.3 5.3 7.9
100 8.6 4.7 7.1#





#85
Benzo(a)anthracene
Concen: 2.235 ng/ul m
RT: 21.713 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

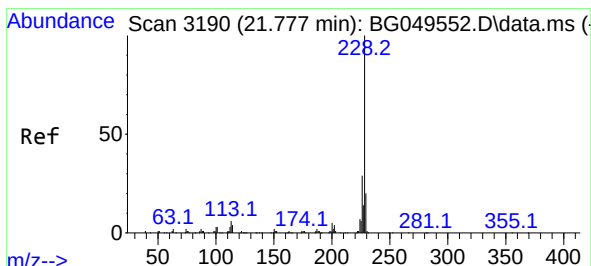
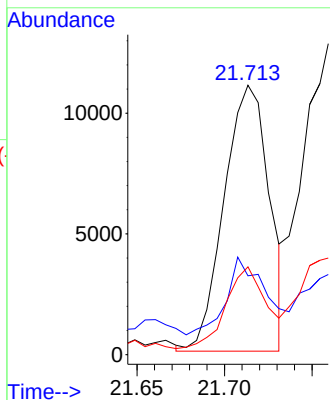
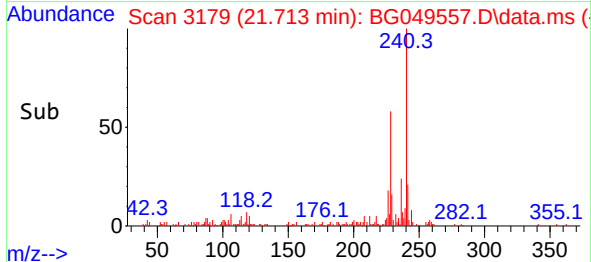
Instrument :
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C0067



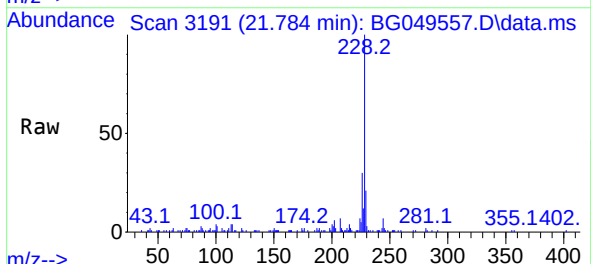
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226 32.6 21.1 31.7#

Manual Integrations
APPROVED

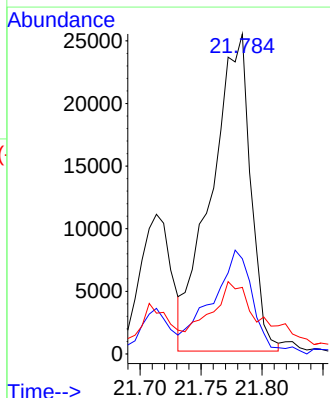
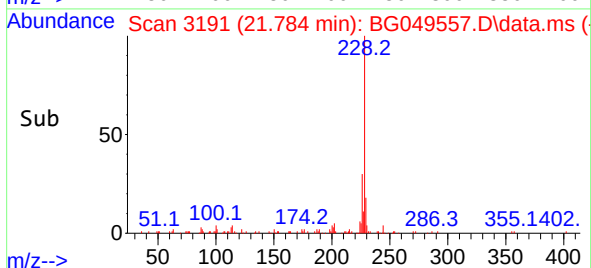
mohammad
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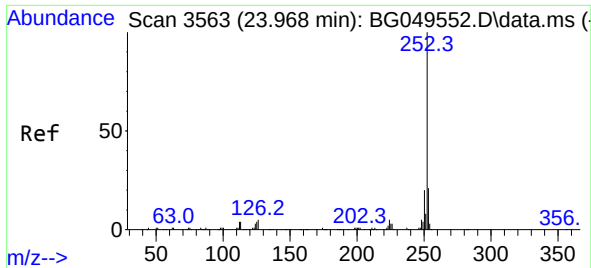


#87
Chrysene
Concen: 6.698 ng/ul
RT: 21.784 min Scan# 3191
Delta R.T. 0.012 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10



Tgt Ion:228 Resp: 56672
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 20.8 14.9 22.3





#90
Benzo(b)fluoranthene
Concen: 1.395 ng/ul
RT: 23.969 min Scan# 3563
Delta R.T. 0.012 min
Lab File: BG049557.D
Acq: 29 Jul 2021 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	0.0	4.5	6.7

Instrument :
BNA_G
ClientSampleId :
C0067

Manual Integrations
APPROVED

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