

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063019.D
 Acq On : 24 Sep 2024 8:56
 Operator : RC/JU
 Sample : P3879-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC33

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 25 00:33:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	17529	20.000	ng/u1	0.00
20) Naphthalene-d8	10.643	136	69833	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.492	164	68358	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.235	188	161159m	20.000	ng/u1	0.00
79) Chrysene-d12	21.489	240	189310m	20.000	ng/u1	0.00
88) Perylene-d12	24.527	264	230298	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	1208m	2.019	ng/uL	-0.01
4) Pyridine-d5	3.728	84	9756	6.005	ng/u1	0.00
7) Phenol-d5	7.047	99	11051	6.076	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.188	67	11037	10.843	ng/u1	0.00
11) 2-Chlorophenol-d4	7.400	132	8783	7.355	ng/u1	0.01
15) 4-Methylphenol-d8	8.563	113	16388	12.299	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	8452	15.192	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	5434	8.610	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.273	165	10768	8.223	ng/u1	0.00
31) 4-Chloroaniline-d4	10.784	131	7799m	4.786	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	73668	14.492	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	75828	13.356	ng/u1	0.00
54) 4-Nitrophenol-d4	14.715	143	4927	6.048	ng/u1	0.02
60) Fluorene-d10	15.485	176	75737	16.001	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	4537m	4.657	ng/u1	0.00
73) Anthracene-d10	17.335	188	125840	16.522	ng/u1	0.00
81) Pyrene-d10	19.633	212	172143m	15.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.321	264	193197	15.907	ng/u1	0.01
Target Compounds						
23) Isophorone	9.568	82	86128	26.185	ng/u1	Qvalue 98
30) Naphthalene	10.696	128	53444	13.783	ng/u1	98
36) 2-Methylnaphthalene	12.306	142	27825	9.958	ng/u1	90
37) 1-Methylnaphthalene	12.529	142	17053	6.030	ng/u1#	94
58) 2,3,4,6-Tetrachlorophenol	15.126	232	18103	12.684	ng/u1#	87
71) Pentachlorophenol	16.895	266	37820m	32.061	ng/u1	

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

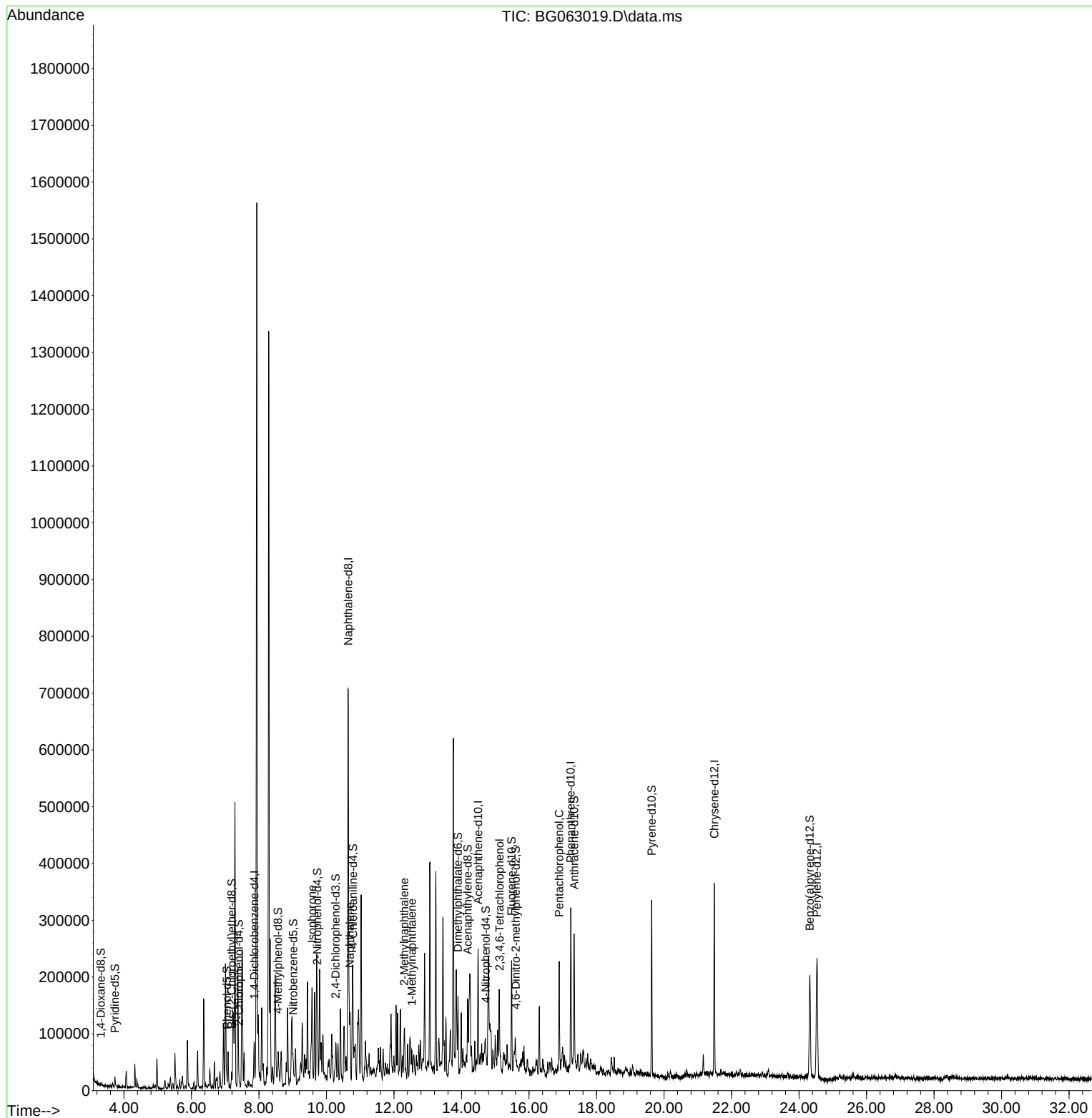
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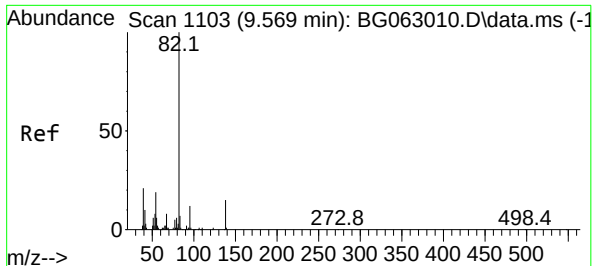
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Quant Time: Sep 25 00:33:22 2024
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Quant Title : SVOA CALIBRATION
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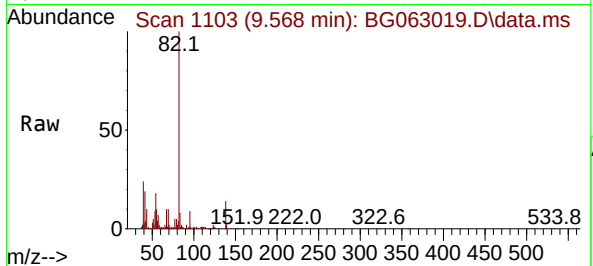
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024





#23
Isophorone
Concen: 26.185 ng/u1
RT: 9.568 min Scan# 1103
Delta R.T. -0.001 min
Lab File: BG063019.D
Acq: 24 Sep 2024 8:56

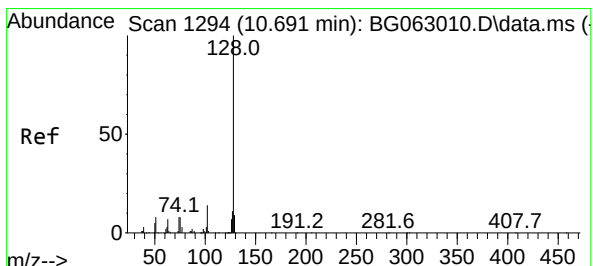
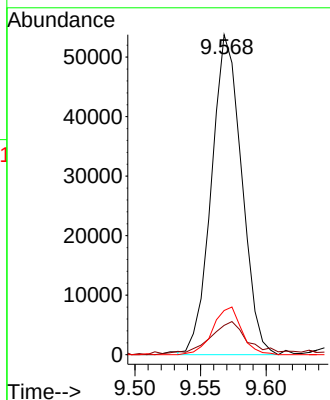
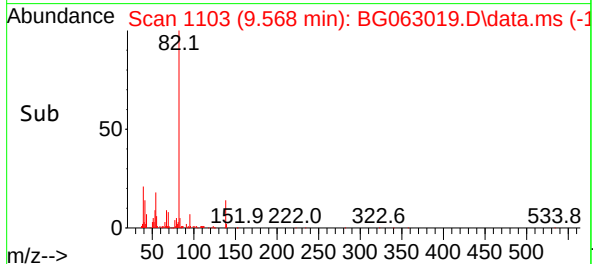
Instrument :
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DDC33



Tgt Ion: 82 Resp: 86128
Ion Ratio Lower Upper
82 100
95 9.2 6.2 9.4
138 13.8 10.9 16.3

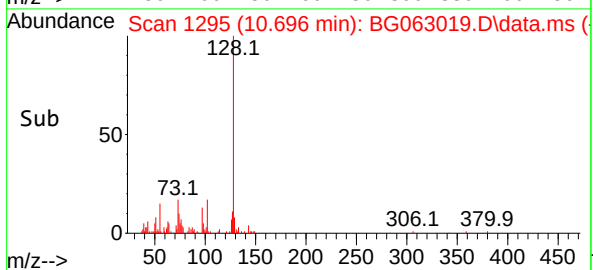
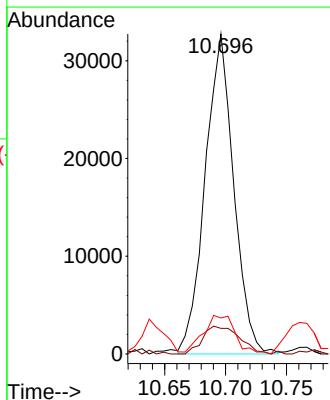
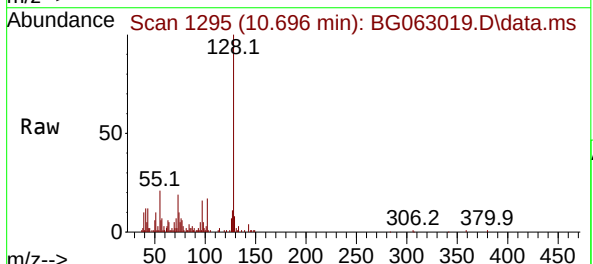
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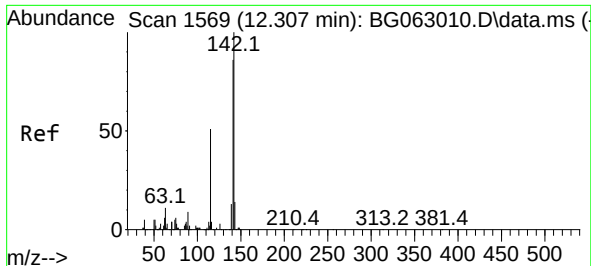
Reviewed By :Yogesh Patel 09/25/2024
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#30
Naphthalene
Concen: 13.783 ng/u1
RT: 10.696 min Scan# 1295
Delta R.T. -0.001 min
Lab File: BG063019.D
Acq: 24 Sep 2024 8:56

Tgt Ion:128 Resp: 53444
Ion Ratio Lower Upper
128 100
129 8.0 7.1 10.7
127 11.3 9.4 14.2





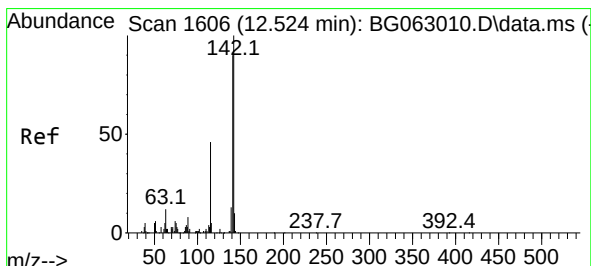
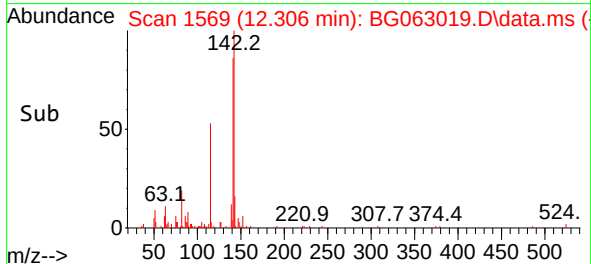
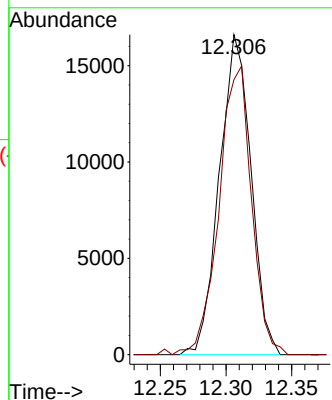
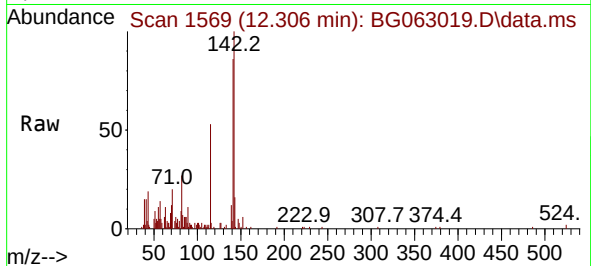
#36
2-Methylnaphthalene
Concen: 9.958 ng/ul
RT: 12.306 min Scan# 1569
Delta R.T. -0.001 min
Lab File: BG063019.D
Acq: 24 Sep 2024 8:56

Instrument :
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Tgt Ion:142 Resp: 27825
Ion Ratio Lower Upper
142 100
141 86.0 76.5 114.7

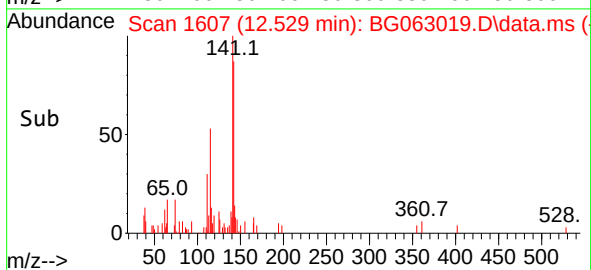
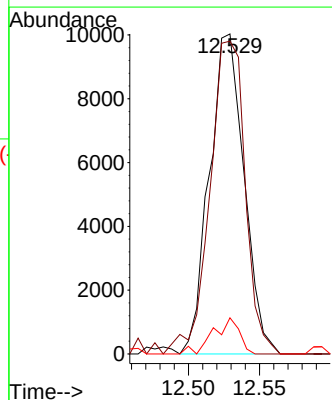
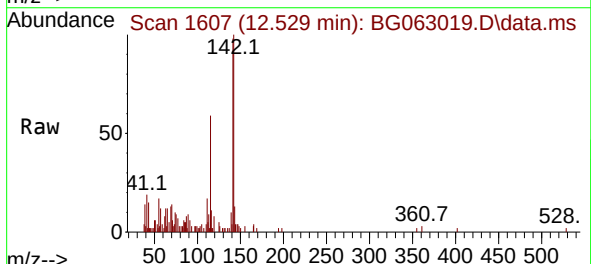
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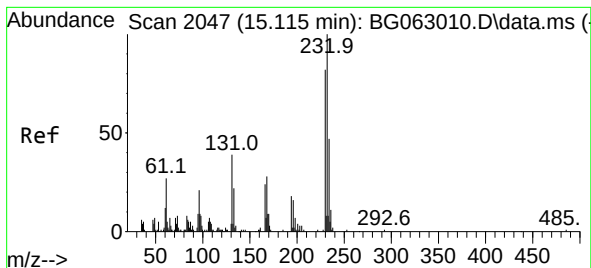
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



#37
1-Methylnaphthalene
Concen: 6.030 ng/ul
RT: 12.529 min Scan# 1607
Delta R.T. 0.005 min
Lab File: BG063019.D
Acq: 24 Sep 2024 8:56

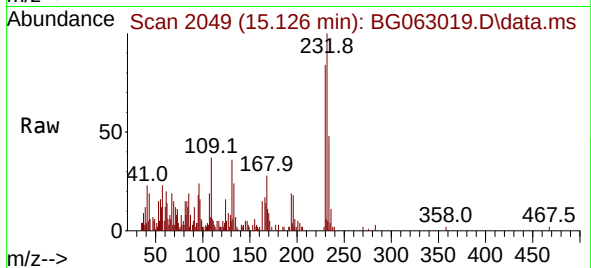
Tgt Ion:142 Resp: 17053
Ion Ratio Lower Upper
142 100
141 97.7 74.1 111.1
116 11.3 3.6 5.4#





#58
2,3,4,6-Tetrachlorophenol
Concen: 12.684 ng/ul
RT: 15.126 min Scan# 2047
Delta R.T. 0.010 min
Lab File: BG063019.D
Acq: 24 Sep 2024 8:56

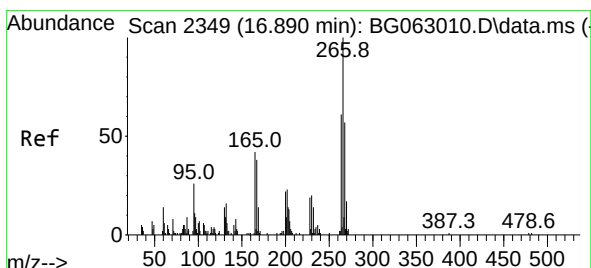
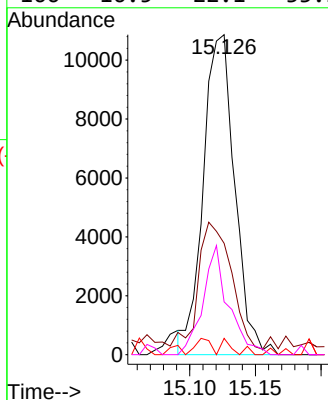
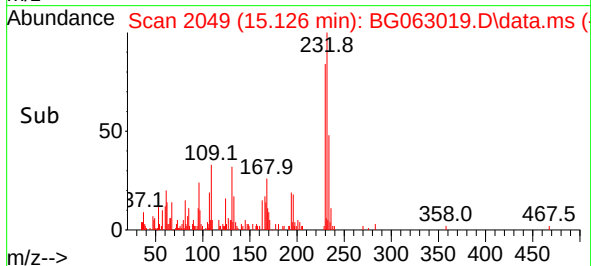
Instrument :
BNA_G
ClientSampleId :
DDC33



Tgt Ion:232 Resp: 1810
Ion Ratio Lower Upper
232 100
131 34.8 31.9 47.9
130 5.1 1.9 2.9
166 16.5 22.1 33.1#

Manual Integrations
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#71
Pentachlorophenol
Concen: 32.061 ng/ul m
RT: 16.895 min Scan# 2350
Delta R.T. 0.005 min
Lab File: BG063019.D
Acq: 24 Sep 2024 8:56

Tgt Ion:266 Resp: 37820
Ion Ratio Lower Upper
266 100
264 62.4 43.0 64.4
268 61.6 47.2 70.8

