

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062916.D
 Acq On : 18 Sep 2024 19:46
 Operator : JU/RC
 Sample : P3878-18ME
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC1ME

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 18 23:07:47 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	7.855	152	49068	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	194780	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.488	164	158889	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.244	188	364172m	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	369801m	20.000	ng/u1	0.00
88) Perylene-d12	24.535	264	431669m	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4122	2.461	ng/uL	0.00
4) Pyridine-d5	3.736	84	55943	12.301	ng/u1	0.00
7) Phenol-d5	7.027	99	98650	19.375	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.185	67	56258	19.744	ng/u1	0.00
11) 2-Chlorophenol-d4	7.391	132	60622	18.135	ng/u1	0.00
15) 4-Methylphenol-d8	8.560	113	75142	20.146	ng/u1	0.00
21) Nitrobenzene-d5	9.007	128	31447	20.265	ng/u1	0.00
24) 2-Nitrophenol-d4	9.729	143	37931	21.546	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	76877	21.048	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	86556	19.042	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	270280	22.875	ng/u1	0.00
49) Acenaphthylene-d8	14.183	160	298544	22.623	ng/u1	0.00
54) 4-Nitrophenol-d4	14.694	143	37013	19.548	ng/u1	0.00
60) Fluorene-d10	15.487	176	250306	22.752	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	42644	19.371	ng/u1	0.00
73) Anthracene-d10	17.338	188	390092	22.665	ng/u1	0.00
81) Pyrene-d10	19.635	212	506689	22.622	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.324	264	524387	23.034	ng/u1	0.01
Target Compounds						
36) 2-Methylnaphthalene	12.309	142	20453	2.624	ng/u1#	72
37) 1-Methylnaphthalene	12.526	142	12530	1.589	ng/u1#	97
41) 2,4,6-Trichlorophenol	12.920	196	21527	6.135	ng/u1#	92
58) 2,3,4,6-Tetrachlorophenol	15.117	232	94263	28.416	ng/u1#	97
71) Pentachlorophenol	16.909	266	1236637m	463.929	ng/u1	
72) Phenanthrene	17.285	178	20017	1.035	ng/u1	98

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

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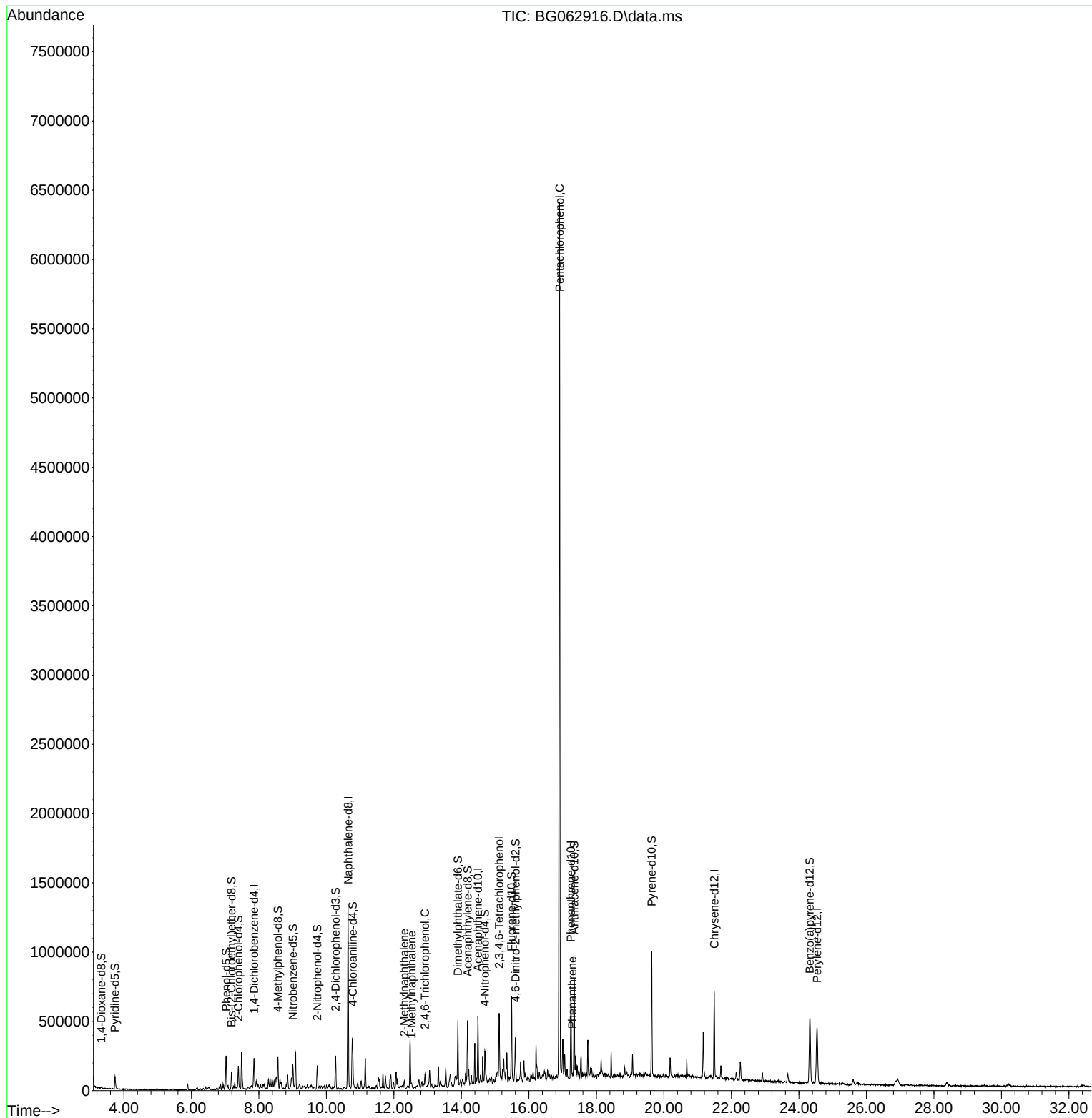
Quant Time: Sep 18 23:07:47 2024

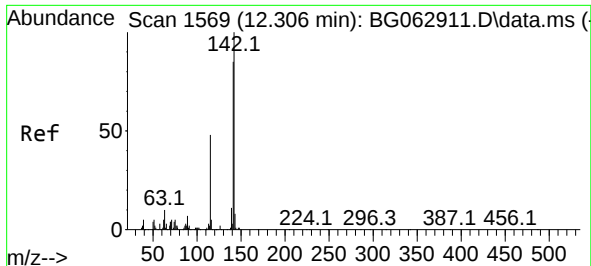
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 18 00:45:18 2024

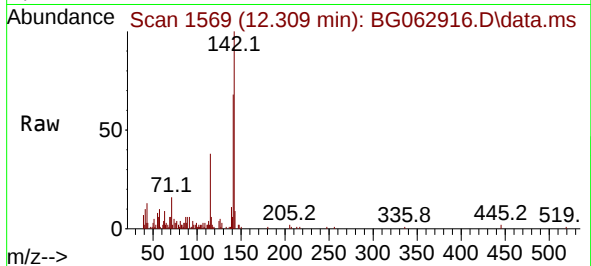
Response via : Initial Calibration





#36
2-Methylnaphthalene
Concen: 2.624 ng/ul
RT: 12.309 min Scan# 1569
Delta R.T. 0.001 min
Lab File: BG062916.D
Acq: 18 Sep 2024 19:46

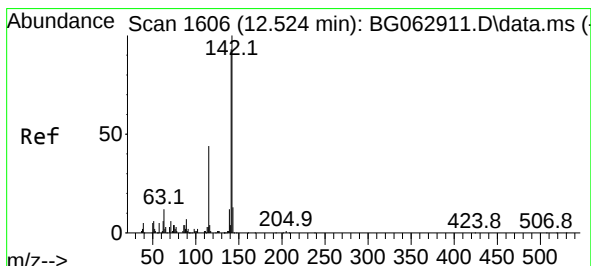
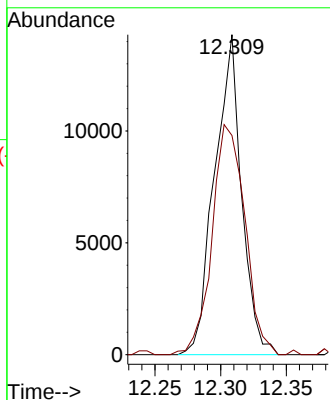
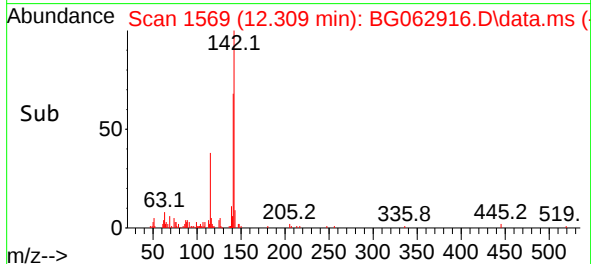
Instrument :
BNA_G
ClientSampleId :
DDCC1ME



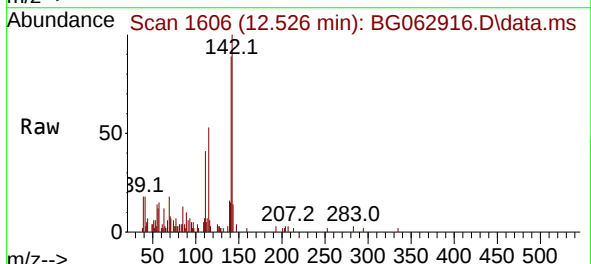
Tgt Ion:142 Resp: 2045
Ion Ratio Lower Upper
142 100
141 68.5 76.5 114.7

Manual Integrations
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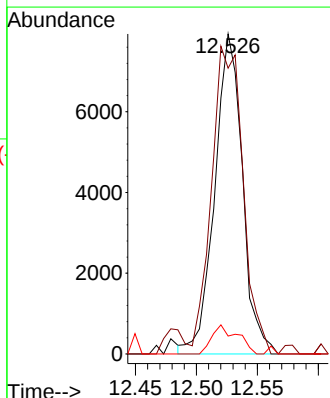
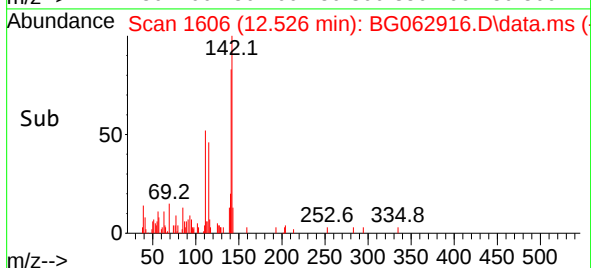
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024

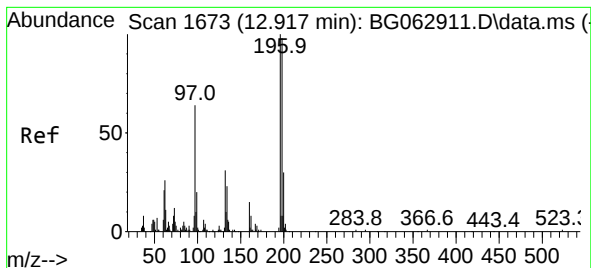


#37
1-Methylnaphthalene
Concen: 1.589 ng/ul
RT: 12.526 min Scan# 1606
Delta R.T. 0.001 min
Lab File: BG062916.D
Acq: 18 Sep 2024 19:46



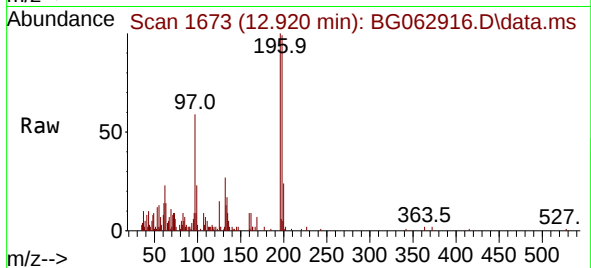
Tgt Ion:142 Resp: 12530
Ion Ratio Lower Upper
142 100
141 89.3 74.1 111.1
116 5.6 3.6 5.4





#41
2,4,6-Trichlorophenol
Concen: 6.135 ng/ul
RT: 12.920 min Scan# 1673
Delta R.T. 0.001 min
Lab File: BG062916.D
Acq: 18 Sep 2024 19:46

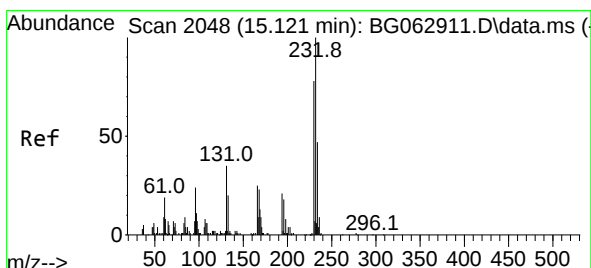
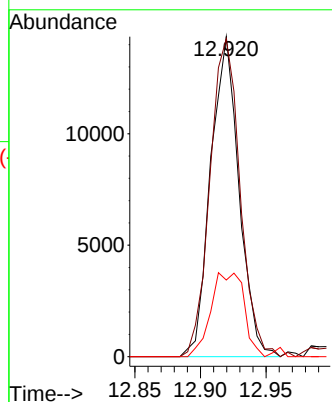
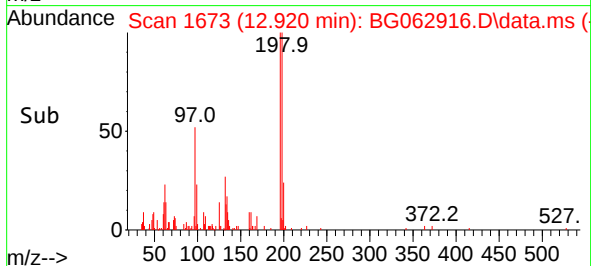
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Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	81.8	122.6
200	23.9	30.5	45.7

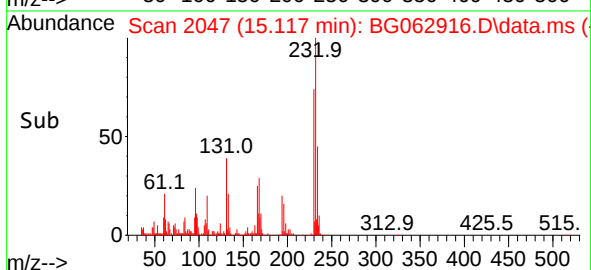
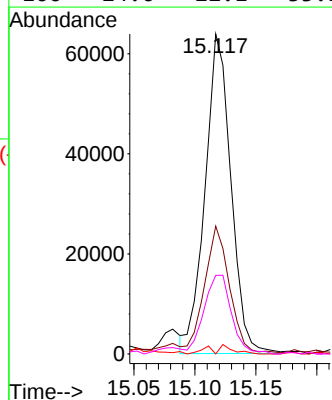
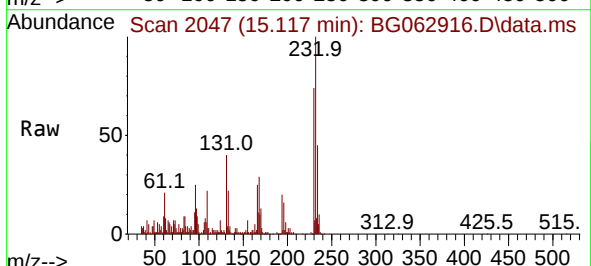
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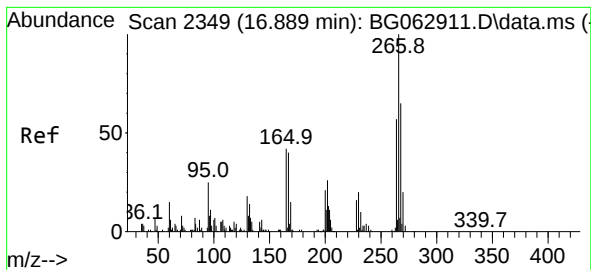
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.416 ng/ul
RT: 15.117 min Scan# 2047
Delta R.T. 0.001 min
Lab File: BG062916.D
Acq: 18 Sep 2024 19:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.0	31.9	47.9
130	0.0	1.9	2.9
166	24.6	22.1	33.1





#71

Pentachlorophenol

Concen: 463.929 ng/ul m

RT: 16.909 min Scan# 21

Delta R.T. 0.019 min

Lab File: BG062916.D

Acq: 18 Sep 2024 19:46

Instrument :

BNA_G

ClientSampleId :

DDCC1ME

Tgt Ion:266 Resp: 123663

Ion Ratio Lower Upper

266 100

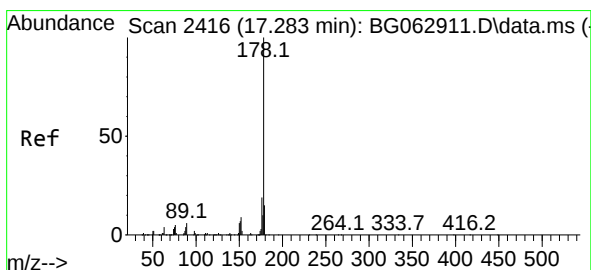
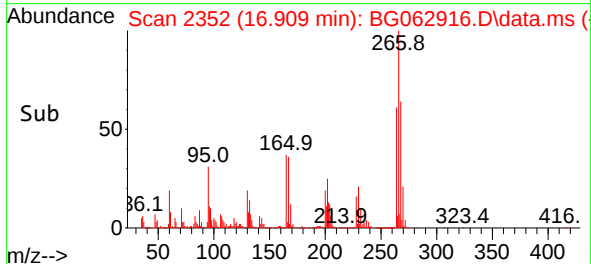
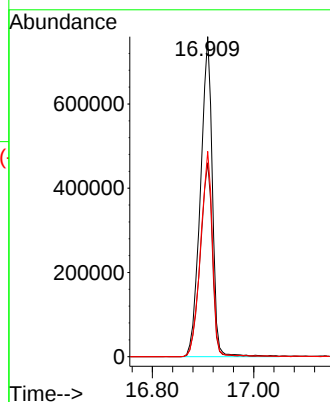
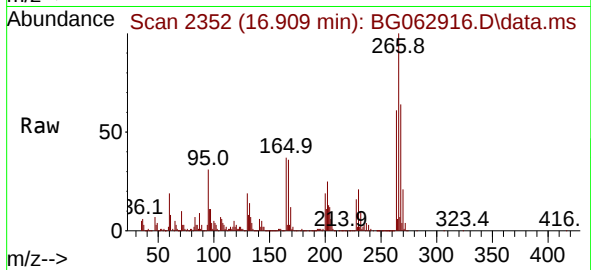
264 60.6 43.0 64.4

268 64.1 47.2 70.8

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#72

Phenanthrene

Concen: 1.035 ng/ul

RT: 17.285 min Scan# 2416

Delta R.T. 0.007 min

Lab File: BG062916.D

Acq: 18 Sep 2024 19:46

Tgt Ion:178 Resp: 20017

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

176 18.3 15.5 23.3

