

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062928.D
 Acq On : 19 Sep 2024 4:19
 Operator : JU/RC
 Sample : P3899-16DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC52DL

Quant Time: Sep 19 04:58:29 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	42270	20.000	ng/u1	0.00
20) Naphthalene-d8	10.644	136	174229	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	142609	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.242	188	330130m	20.000	ng/u1	0.00
79) Chrysene-d12	21.490	240	339537m	20.000	ng/u1	0.00
88) Perylene-d12	24.534	264	401249m	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.031	99	10107	2.304	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.184	67	10513	4.283	ng/u1	0.00
11) 2-Chlorophenol-d4	7.389	132	5751	1.997	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	4744	1.476	ng/u1	0.00
21) Nitrobenzene-d5	9.017	128	3735	2.691	ng/u1	0.01
24) 2-Nitrophenol-d4	9.728	143	4311	2.738	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	8074	2.471	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.893	166	25125	2.369	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	28340	2.393	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	3458	2.035	ng/u1	0.00
60) Fluorene-d10	15.480	176	23199	2.349	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	4512m	2.261	ng/u1	0.00
73) Anthracene-d10	17.336	188	36082	2.313	ng/u1	0.00
81) Pyrene-d10	19.634	212	47736m	2.321	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.322	264	46779m	2.211	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.691	128	38306	3.960	ng/u1#	96
36) 2-Methylnaphthalene	12.307	142	86717	12.439	ng/u1	99
37) 1-Methylnaphthalene	12.524	142	45426	6.439	ng/u1	89
58) 2,3,4,6-Tetrachlorophenol	15.115	232	104457	35.083	ng/u1	95
71) Pentachlorophenol	16.907	266	1145576	474.083	ng/u1	91
72) Phenanthrene	17.283	178	45881	2.616	ng/u1	98

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

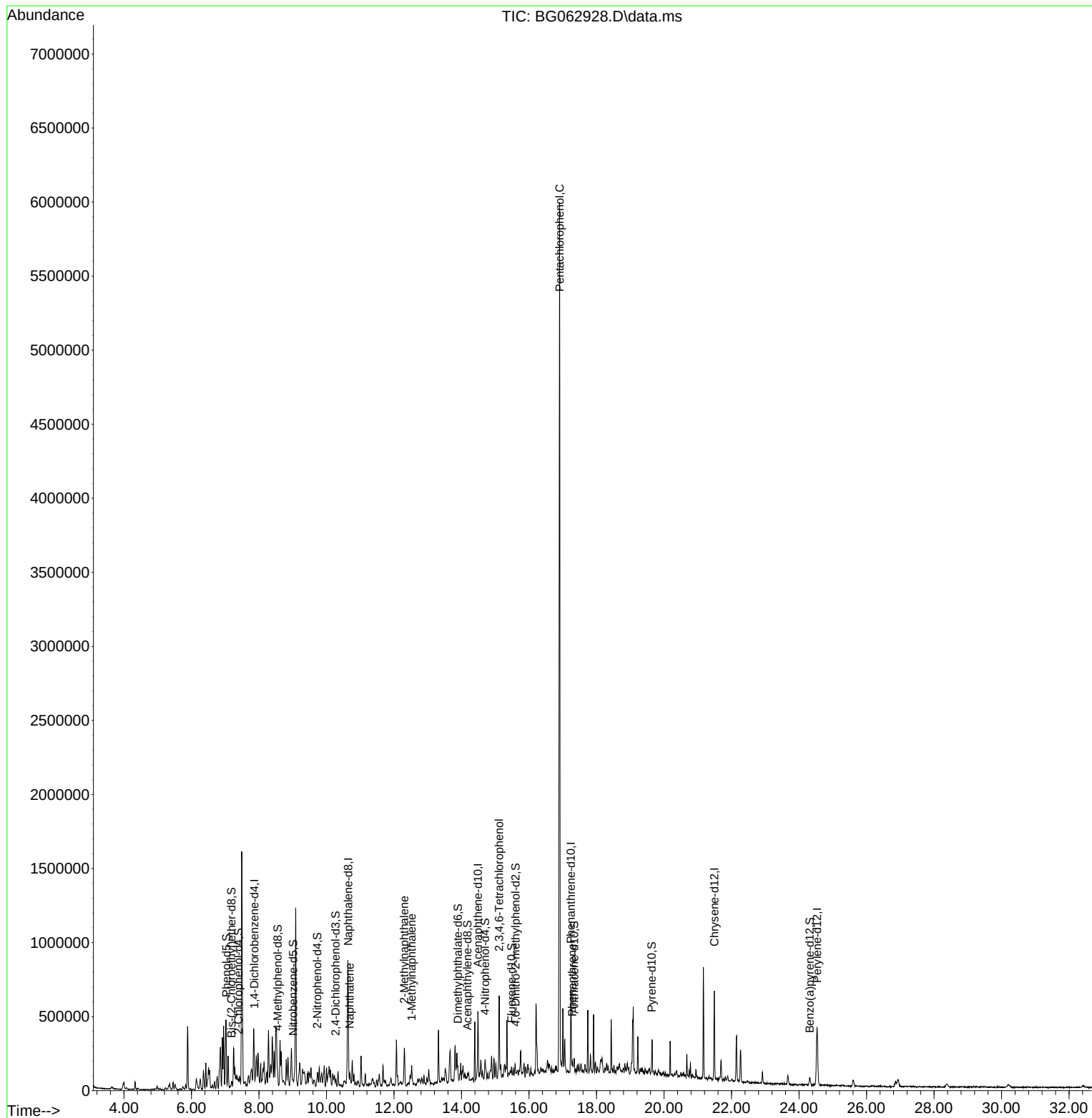
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
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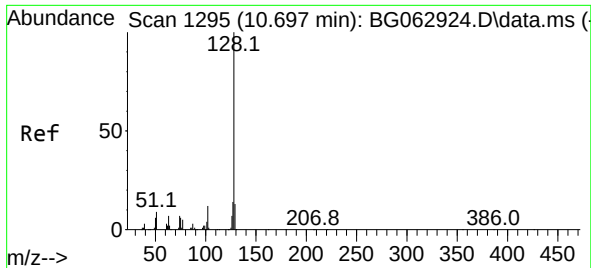
Instrument :
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Quant Title : SVOA CALIBRATION
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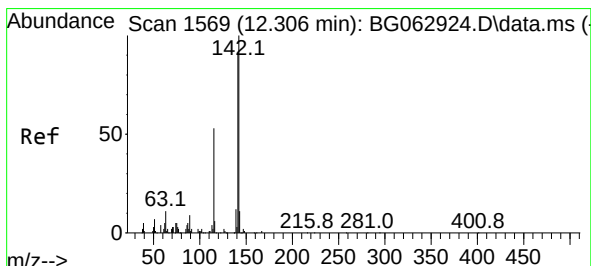
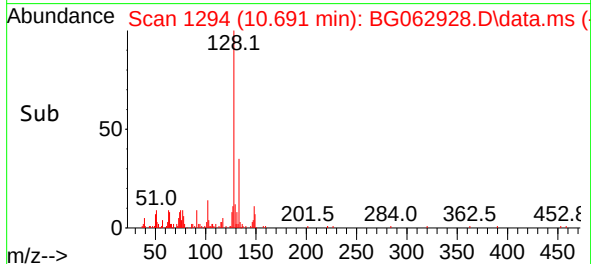
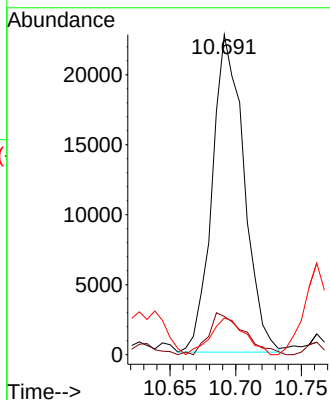
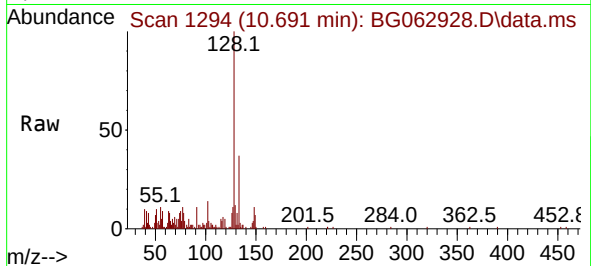
#30
Naphthalene
Concen: 3.960 ng/ul
RT: 10.691 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BG062928.D
Acq: 19 Sep 2024 4:19

Instrument :
BNA_G
ClientSampleId :
DDC52DL

Tgt Ion:128 Resp: 38300
Ion Ratio Lower Upper
128 100
129 11.9 7.1 10.7
127 11.4 9.4 14.2

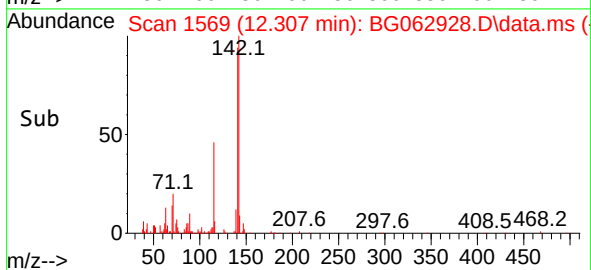
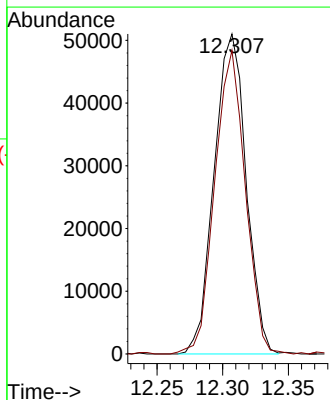
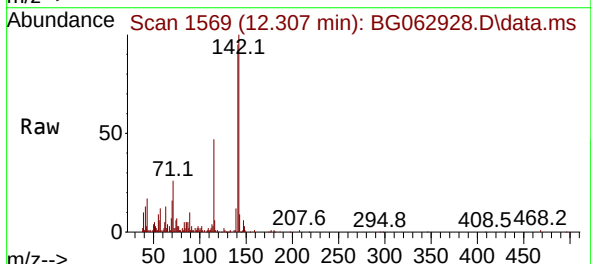
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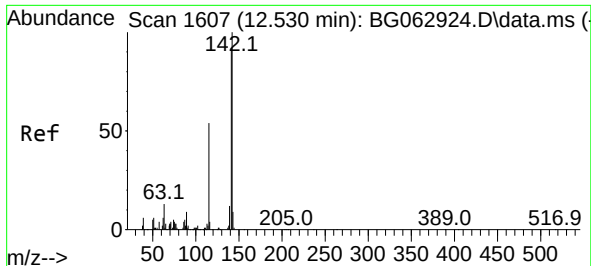
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



#36
2-Methylnaphthalene
Concen: 12.439 ng/ul
RT: 12.307 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BG062928.D
Acq: 19 Sep 2024 4:19

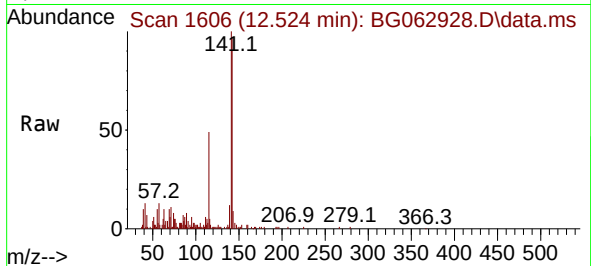
Tgt Ion:142 Resp: 86717
Ion Ratio Lower Upper
142 100
141 94.8 76.5 114.7





#37
1-Methylnaphthalene
Concen: 6.439 ng/ul
RT: 12.524 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BG062928.D
Acq: 19 Sep 2024 4:19

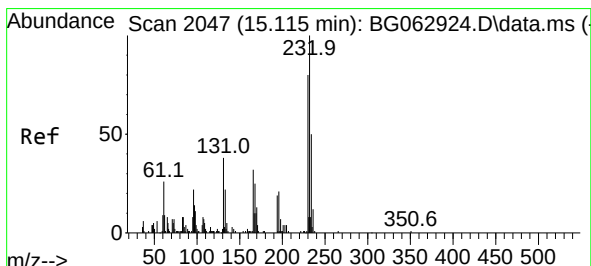
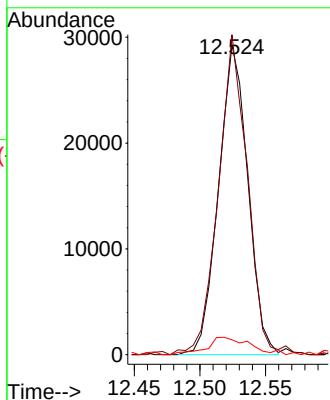
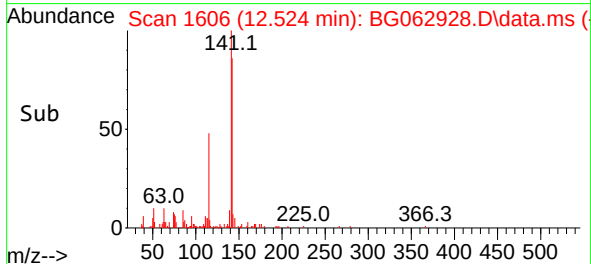
Instrument :
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Tgt Ion:142 Resp: 45420
Ion Ratio Lower Upper
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141 103.3 74.1 111.1
116 4.8 3.6 5.4

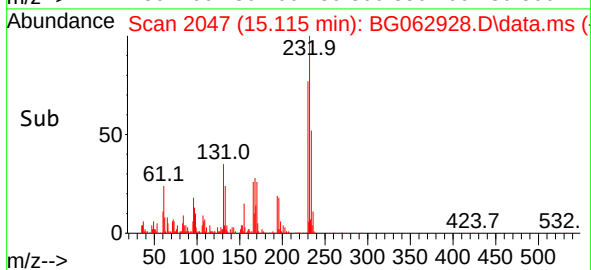
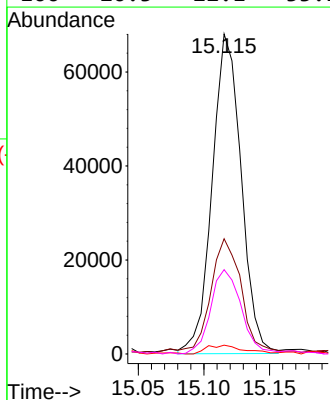
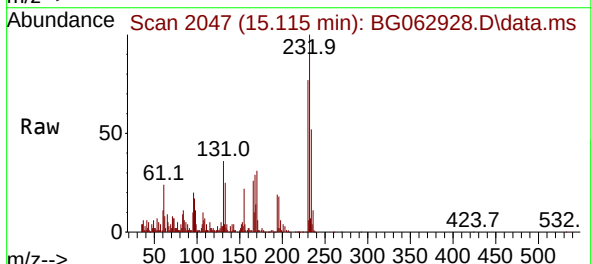
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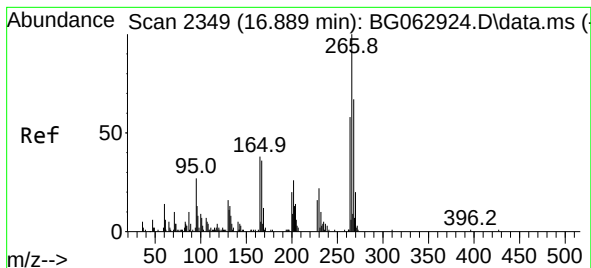
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.083 ng/ul
RT: 15.115 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BG062928.D
Acq: 19 Sep 2024 4:19

Tgt Ion:232 Resp: 104457
Ion Ratio Lower Upper
232 100
131 36.0 31.9 47.9
130 2.8 1.9 2.9
166 26.3 22.1 33.1





#71

Pentachlorophenol

Concen: 474.083 ng/ul

RT: 16.907 min Scan# 21

Delta R.T. 0.017 min

Lab File: BG062928.D

Acq: 19 Sep 2024 4:19

Instrument :

BNA_G

ClientSampleId :

DDC52DL

Tgt Ion:266 Resp: 1145570

Ion Ratio Lower Upper

266 100

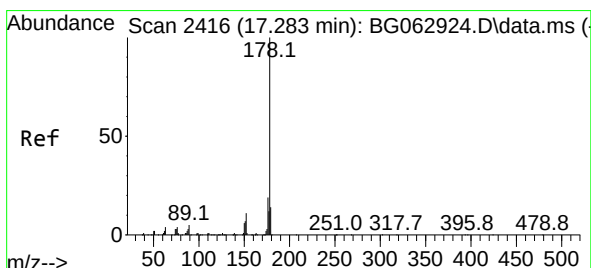
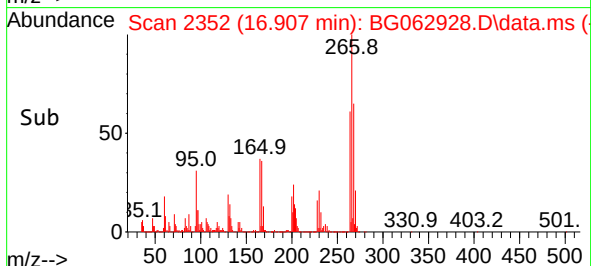
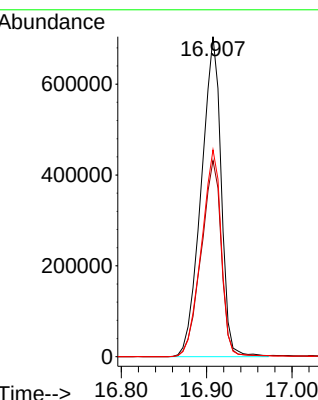
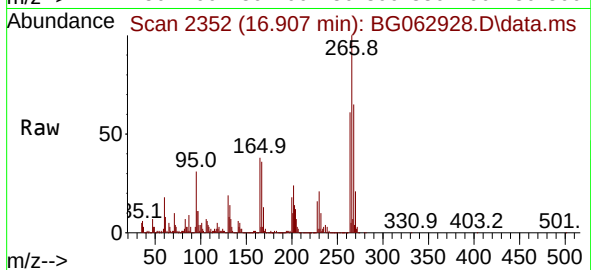
264 61.3 43.0 64.4

268 64.6 47.2 70.8

Manual Integrations

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#72

Phenanthrene

Concen: 2.616 ng/ul

RT: 17.283 min Scan# 2416

Delta R.T. 0.006 min

Lab File: BG062928.D

Acq: 19 Sep 2024 4:19

Tgt Ion:178 Resp: 45881

Ion Ratio Lower Upper

178 100

179 14.7 12.3 18.5

176 18.8 15.5 23.3

