

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063097.D
 Acq On : 28 Sep 2024 7:00
 Operator : RC/JU
 Sample : P3927-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 07:37:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	93563	20.000	ng/u1	0.00
20) Naphthalene-d8	10.643	136	355908	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.486	164	330016	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.235	188	842811	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.483	240	895558	20.000	ng/u1	# 0.00
88) Perylene-d12	24.533	264	1066792	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	3382m	2.084	ng/uL	0.00
4) Pyridine-d5	3.722	84	19182	4.834	ng/u1	0.00
7) Phenol-d5	7.036	99	94638	16.376	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.182	67	36858	16.326	ng/u1	0.00
11) 2-Chlorophenol-d4	7.388	132	85955	15.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	77420	14.840	ng/u1	0.03
21) Nitrobenzene-d5	9.004	128	37848	14.462	ng/u1	0.00
24) 2-Nitrophenol-d4	9.726	143	49828	14.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.296	165	103589	14.849	ng/u1	0.03
31) 4-Chloroaniline-d4	10.825	131	98119m	11.987	ng/u1	0.05
46) Dimethylphthalate-d6	13.892	166	325669	12.411	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	385613	13.868	ng/u1	0.00
54) 4-Nitrophenol-d4	14.697	143	48609	12.283	ng/u1	0.00
60) Fluorene-d10	15.479	176	322218	13.402	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.620	200	163649	27.785	ng/u1	0.02
73) Anthracene-d10	17.335	188	570978	14.121	ng/u1	0.00
81) Pyrene-d10	19.633	212	745637	14.786	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.321	264	785421	13.747	ng/u1	0.00
Target Compounds						
36) 2-Methylnaphthalene	12.306	142	59966	4.086	ng/u1	Qvalue 92
37) 1-Methylnaphthalene	12.523	142	38675	2.607	ng/u1	85
42) 2,4,5-Trichlorophenol	12.993	196	18727	2.311	ng/u1	86
58) 2,3,4,6-Tetrachlorophenol	15.114	232	33847	3.908	ng/u1#	86
71) Pentachlorophenol	16.889	266	605580	84.447	ng/u1	91
72) Phenanthrene	17.276	178	61147	1.407	ng/u1	98

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

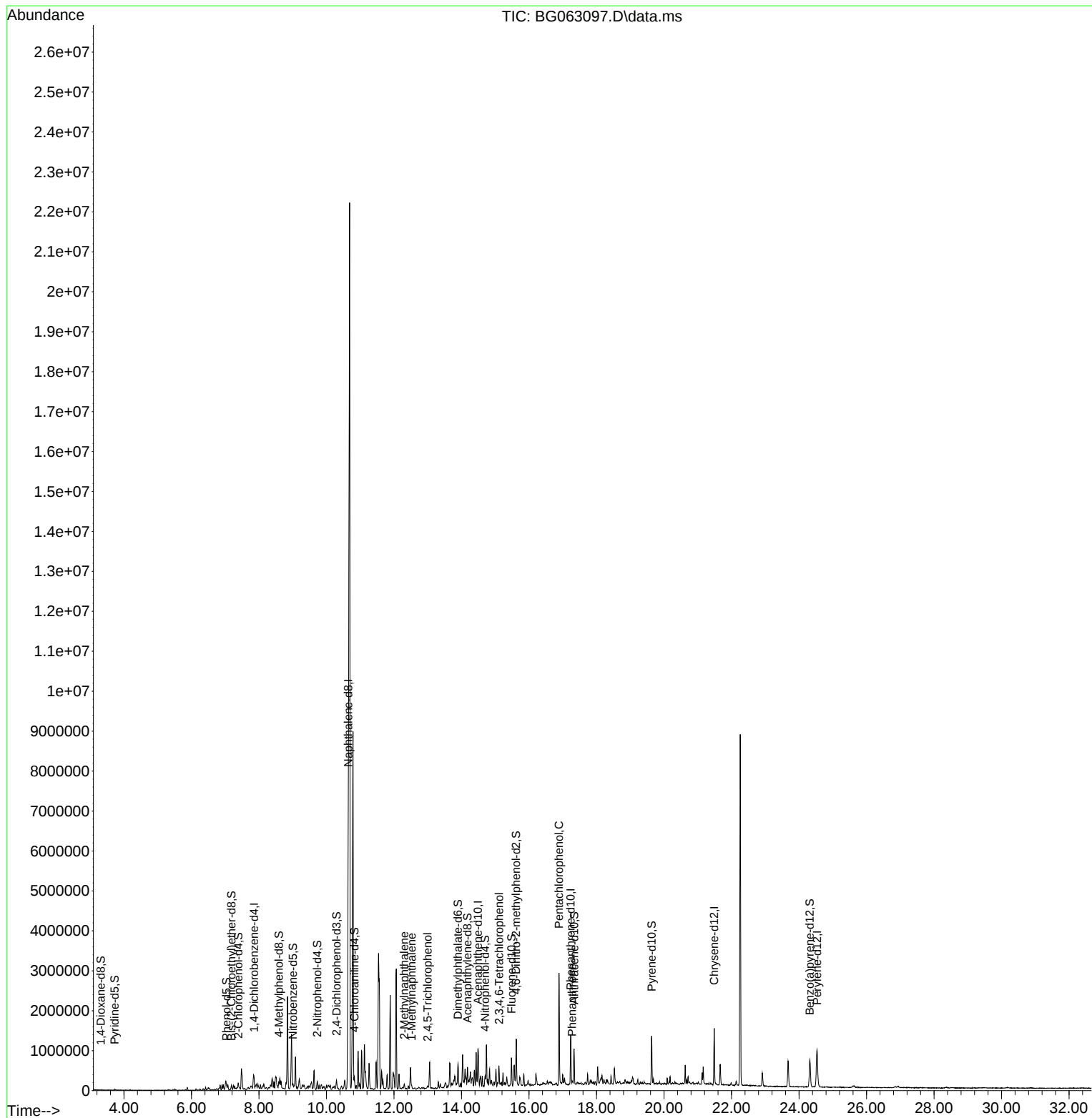
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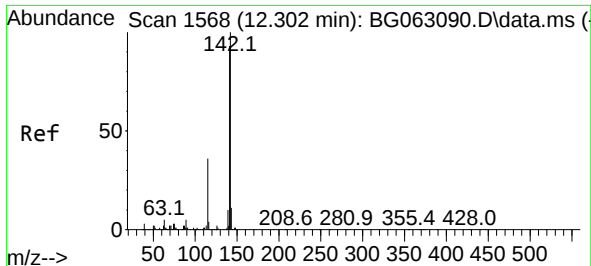
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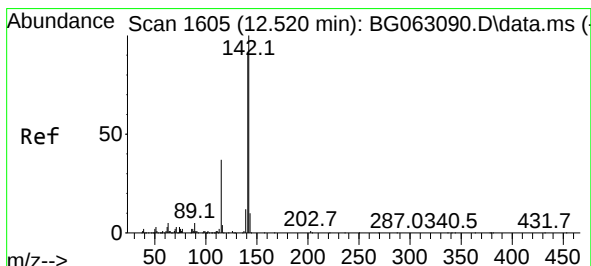
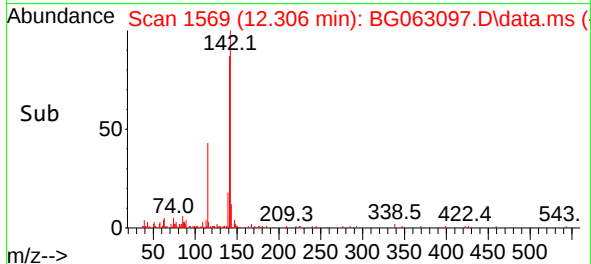
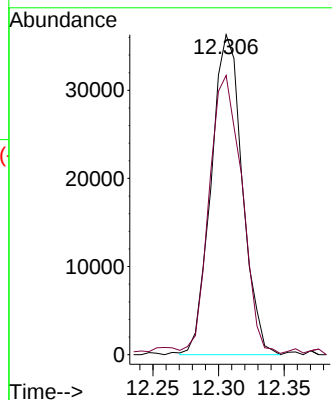
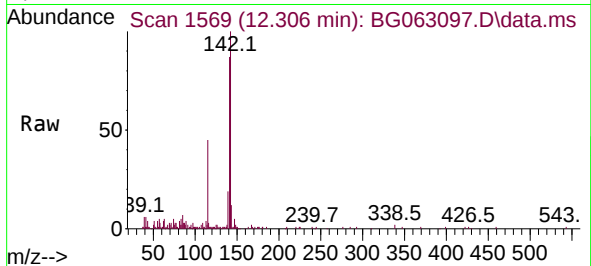
#36
2-Methylnaphthalene
Concen: 4.086 ng/ul
RT: 12.306 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG063097.D
Acq: 28 Sep 2024 7:00

Instrument :
BNA_G
ClientSampleId :
DDCC8

Tgt Ion:142 Resp: 5996
Ion Ratio Lower Upper
142 100
141 87.2 75.8 113.8

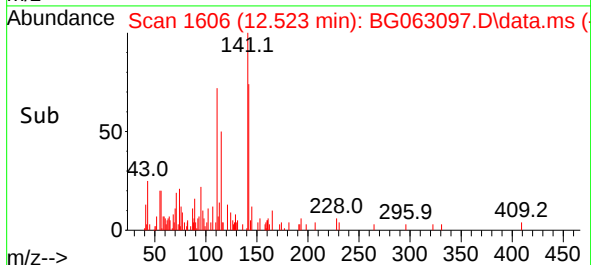
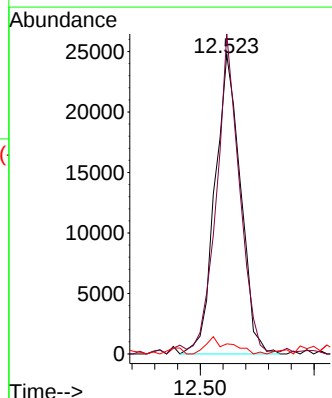
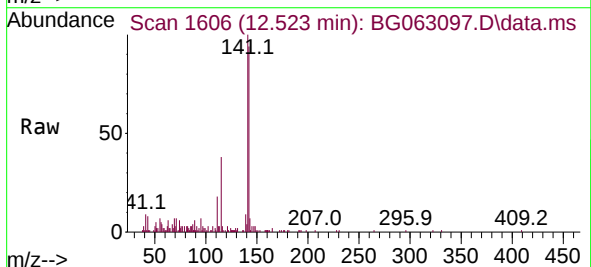
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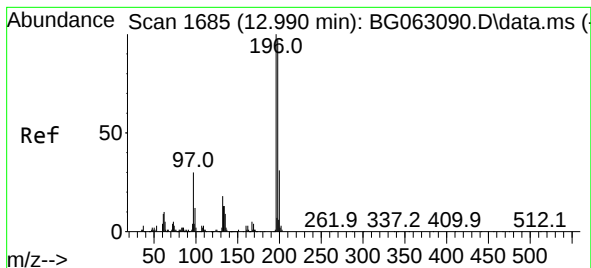
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Supervised By :mohammad ahmed 10/01/2024



#37
1-Methylnaphthalene
Concen: 2.607 ng/ul
RT: 12.523 min Scan# 1606
Delta R.T. 0.005 min
Lab File: BG063097.D
Acq: 28 Sep 2024 7:00

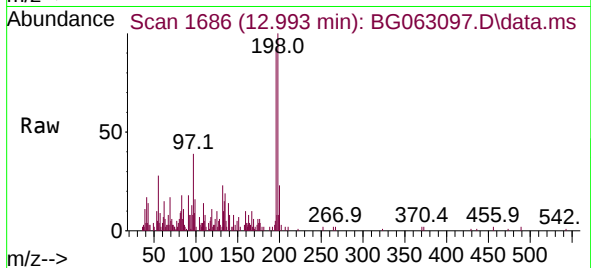
Tgt Ion:142 Resp: 38675
Ion Ratio Lower Upper
142 100
141 106.8 73.4 110.0
116 3.3 3.0 4.6





#42
2,4,5-Trichlorophenol
Concen: 2.311 ng/ul
RT: 12.993 min Scan# 1686
Delta R.T. 0.005 min
Lab File: BG063097.D
Acq: 28 Sep 2024 7:00

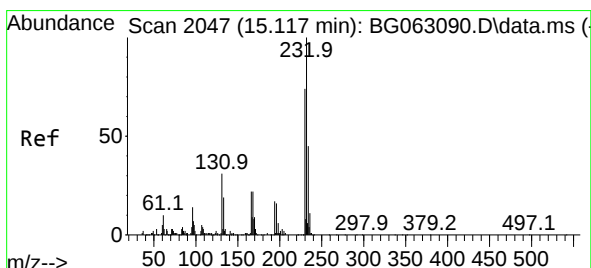
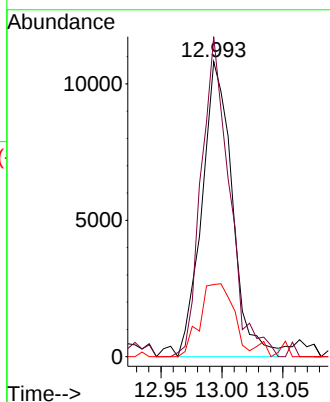
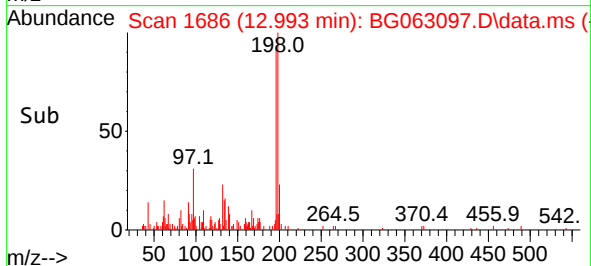
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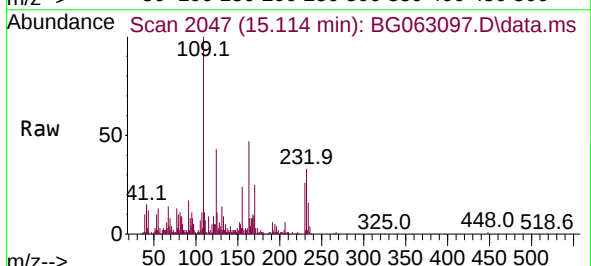
Tgt Ion:196 Resp: 1872
Ion Ratio Lower Upper
196 100
198 108.4 74.0 111.0
200 24.5 22.1 33.1

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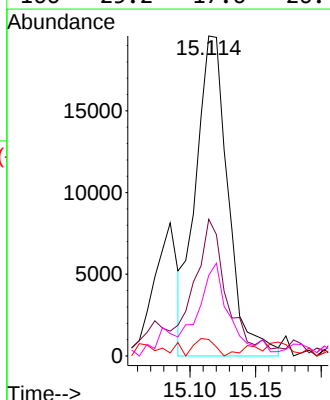
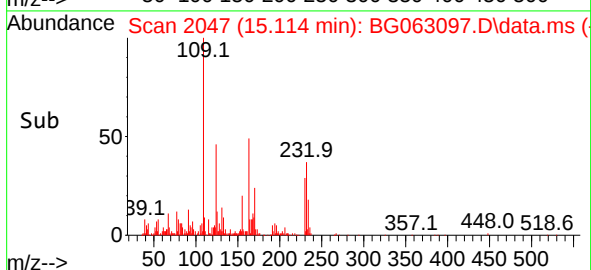
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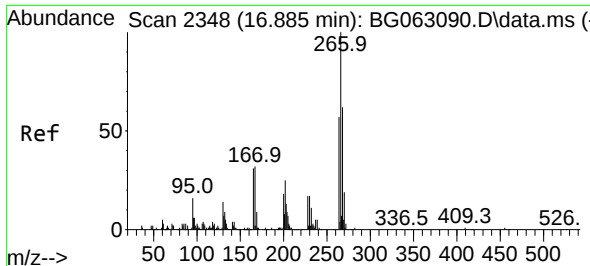


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.908 ng/ul
RT: 15.114 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG063097.D
Acq: 28 Sep 2024 7:00



Tgt Ion:232 Resp: 33847
Ion Ratio Lower Upper
232 100
131 42.7 25.8 38.6#
130 5.1 1.9 2.9#
166 25.2 17.6 26.4





#71
Pentachlorophenol
Concen: 84.447 ng/ul
RT: 16.889 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG063097.D
Acq: 28 Sep 2024 7:00

Instrument :

BNA_G

ClientSampleId :

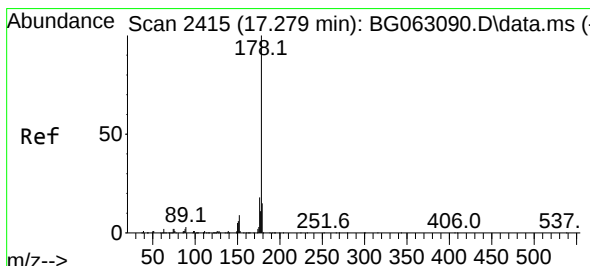
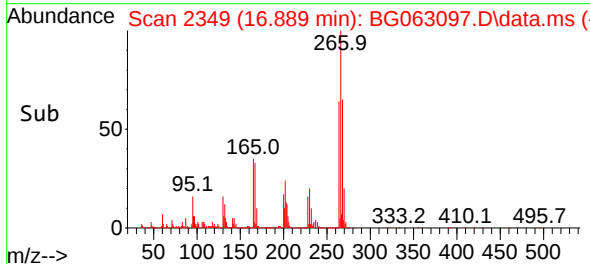
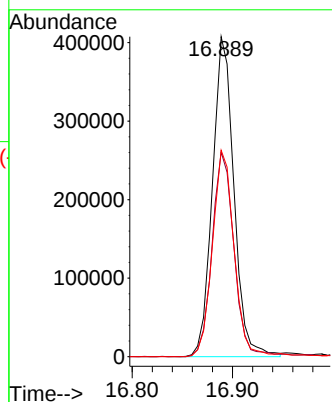
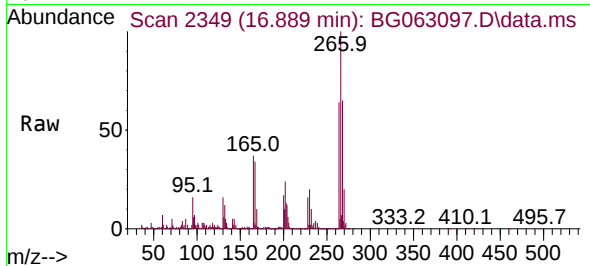
DDCC8

Tgt Ion:266 Resp: 605580
Ion Ratio Lower Upper
266 100
264 63.9 57.7 86.5
268 64.5 57.3 85.9

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#72
Phenanthrene
Concen: 1.407 ng/ul
RT: 17.276 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BG063097.D
Acq: 28 Sep 2024 7:00

Tgt Ion:178 Resp: 61147
Ion Ratio Lower Upper
178 100
179 14.5 12.2 18.4
176 19.8 14.9 22.3

