

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062930.D
 Acq On : 19 Sep 2024 5:38
 Operator : JU/RC
 Sample : P3899-05DL 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 06:14:37 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	41243	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	161614	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.488	164	131176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.244	188	300826	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	313047	20.000	ng/ul	# 0.00
88) Perylene-d12	24.535	264	373686	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.032	99	5867	1.371	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.179	67	5707	2.383	ng/ul	0.00
11) 2-Chlorophenol-d4	7.391	132	3709	1.320	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.007	128	1176	0.913	ng/ul	0.00
24) 2-Nitrophenol-d4	9.729	143	1680	1.150	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.276	165	3900	1.287	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	7133	1.891	ng/ul	-0.02
46) Dimethylphthalate-d6	13.895	166	14232	1.459	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	13898	1.276	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.487	176	15065	1.659	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	10671m	5.868	ng/ul	0.02
73) Anthracene-d10	17.344	188	20215m	1.422	ng/ul	0.00
81) Pyrene-d10	19.635	212	25039	1.321	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.324	264	25535	1.296	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.693	128	31935	3.559	ng/ul#	94
36) 2-Methylnaphthalene	12.303	142	67060	10.370	ng/ul	96
37) 1-Methylnaphthalene	12.526	142	40137	6.133	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.123	232	132765	48.478	ng/ul#	91
71) Pentachlorophenol	16.915	266	1496127	679.467	ng/ul	91
72) Phenanthrene	17.285	178	38927	2.436	ng/ul#	82

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

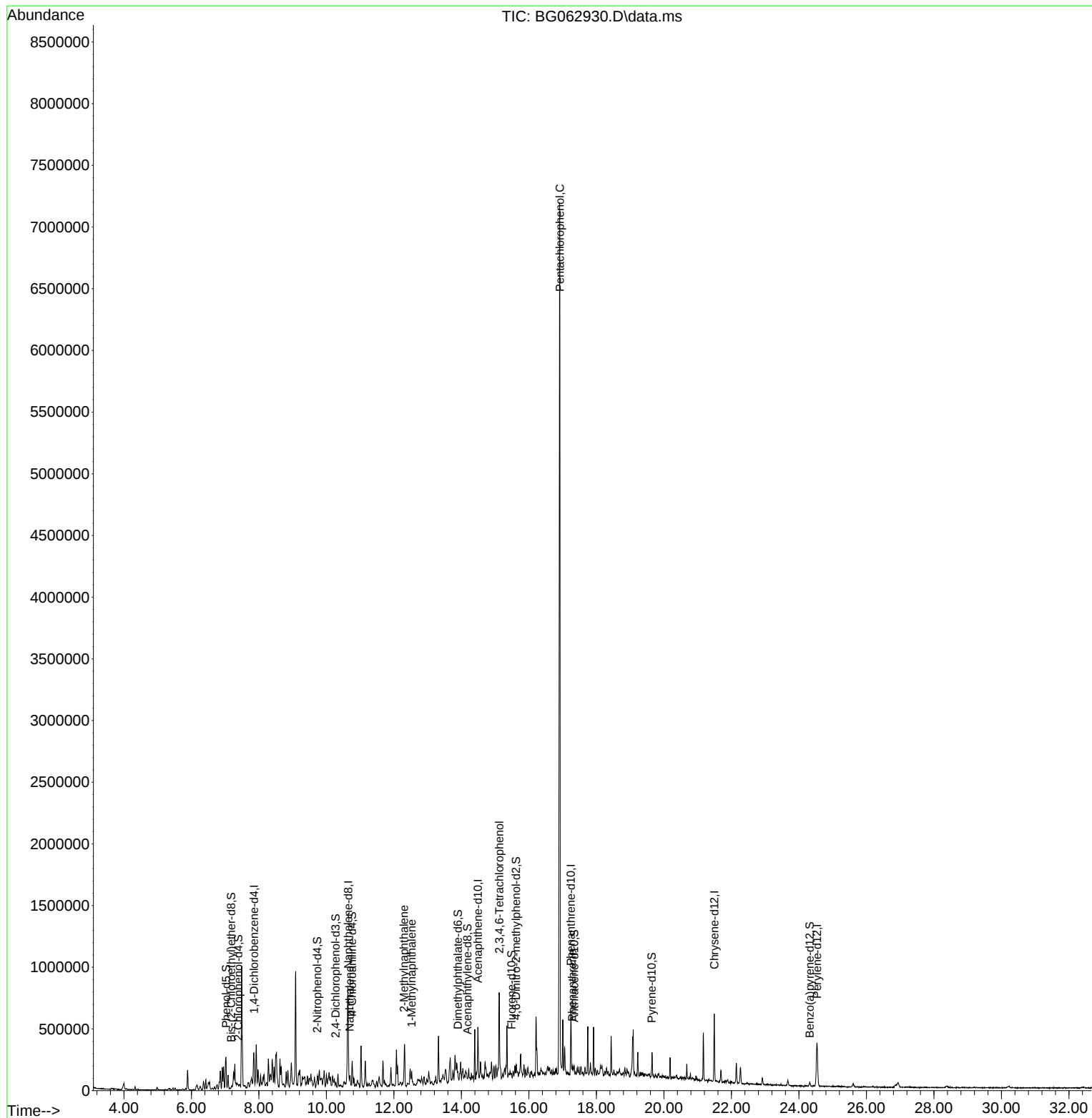
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
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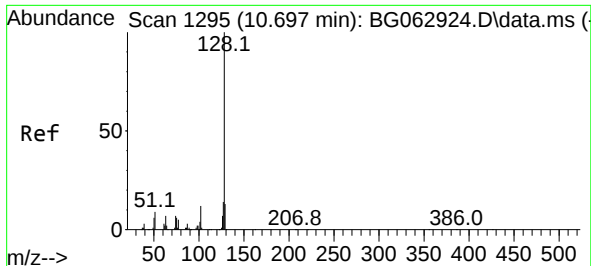
Instrument :
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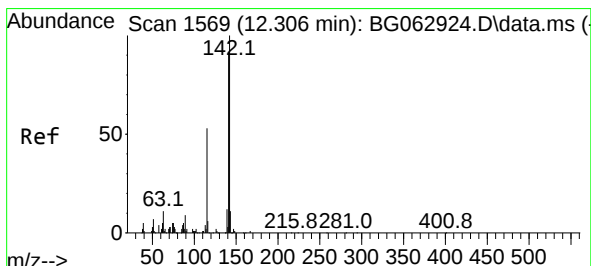
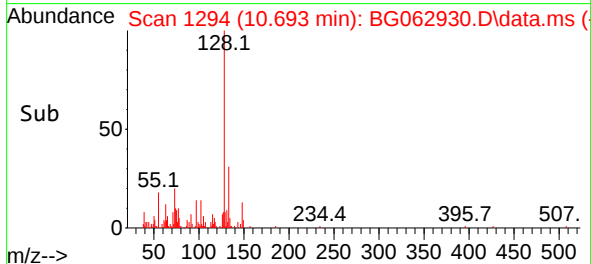
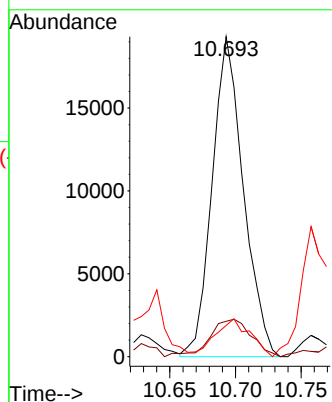
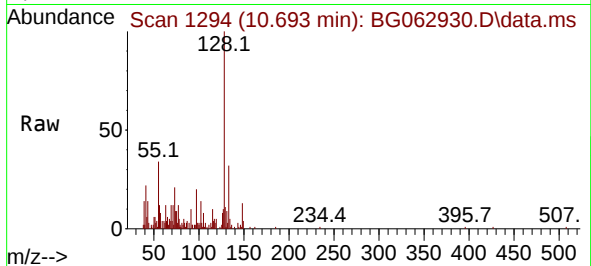
#30
Naphthalene
Concen: 3.559 ng/ul
RT: 10.693 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG062930.D
Acq: 19 Sep 2024 5:38

Instrument :
BNA_G
ClientSampleId :
DCVZ9DL

Tgt Ion:128 Resp: 3193
Ion Ratio Lower Upper
128 100
129 11.1 7.1 10.7
127 9.7 9.4 14.2

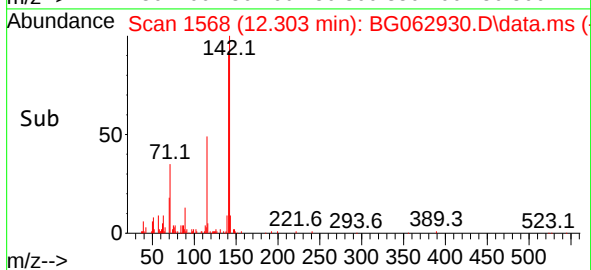
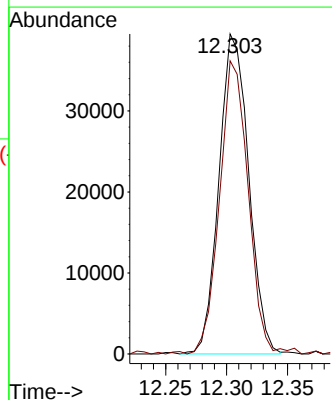
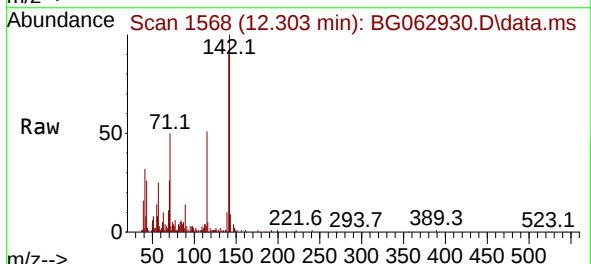
Manual Integrations
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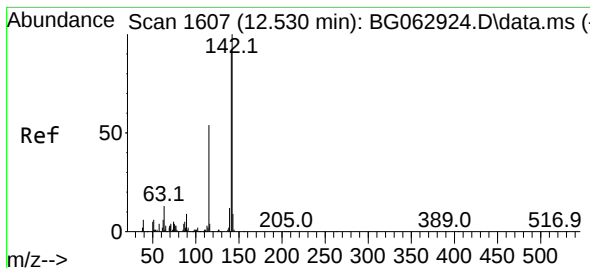
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



#36
2-Methylnaphthalene
Concen: 10.370 ng/ul
RT: 12.303 min Scan# 1568
Delta R.T. -0.004 min
Lab File: BG062930.D
Acq: 19 Sep 2024 5:38

Tgt Ion:142 Resp: 67060
Ion Ratio Lower Upper
142 100
141 91.6 76.5 114.7





#37

1-Methylnaphthalene

Concen: 6.133 ng/ul

RT: 12.526 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062930.D

Acq: 19 Sep 2024 5:38

Instrument :

BNA_G

ClientSampleId :

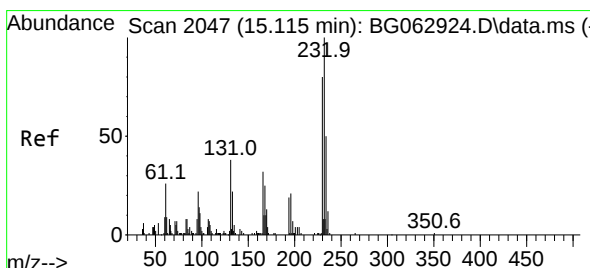
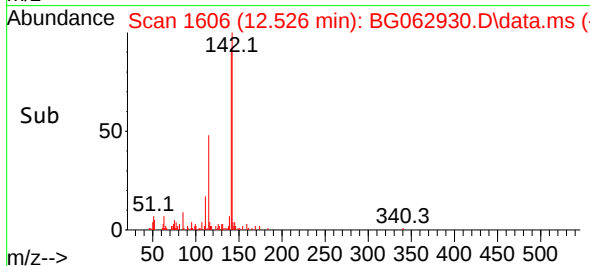
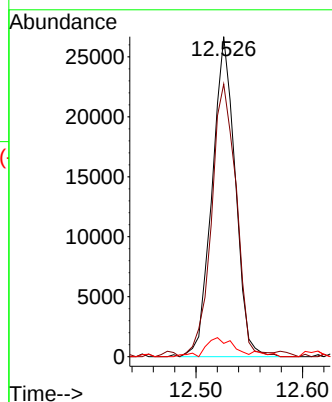
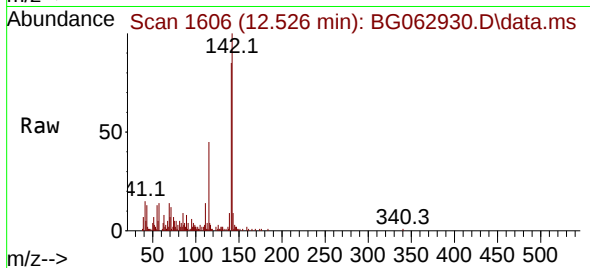
DCVZ9DL

Tgt Ion:	142	Resp:	4013
Ion Ratio	Lower	Upper	
142	100		
141	85.2	74.1	111.1
116	4.2	3.6	5.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.478 ng/ul

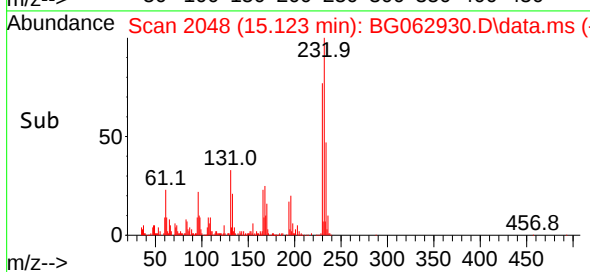
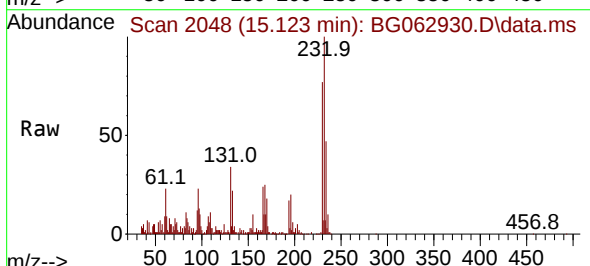
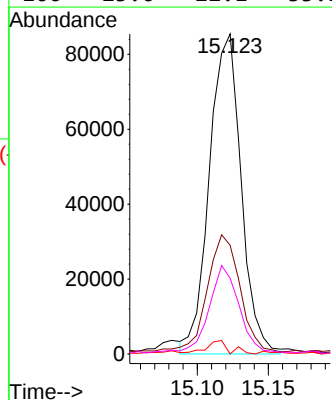
RT: 15.123 min Scan# 2048

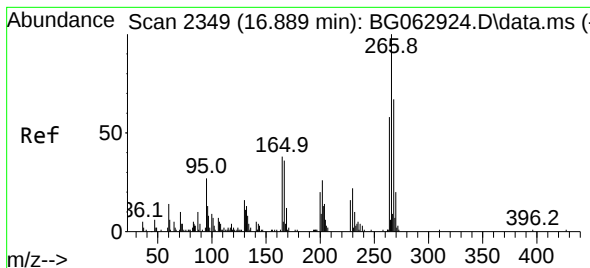
Delta R.T. 0.007 min

Lab File: BG062930.D

Acq: 19 Sep 2024 5:38

Tgt Ion:	232	Resp:	132765
Ion Ratio	Lower	Upper	
232	100		
131	33.9	31.9	47.9
130	0.0	1.9	2.9#
166	23.6	22.1	33.1





#71

Pentachlorophenol

Concen: 679.467 ng/ul

RT: 16.915 min Scan# 21

Delta R.T. 0.025 min

Lab File: BG062930.D

Acq: 19 Sep 2024 5:38

Instrument :

BNA_G

ClientSampleId :

DCVZ9DL

Tgt Ion:266 Resp: 149612

Ion Ratio Lower Upper

266 100

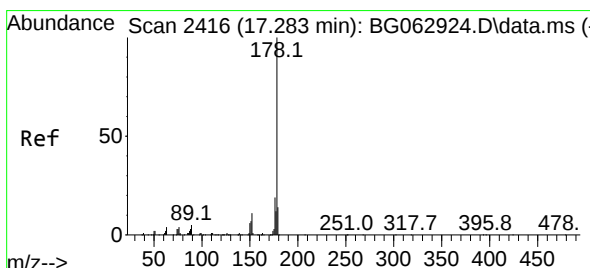
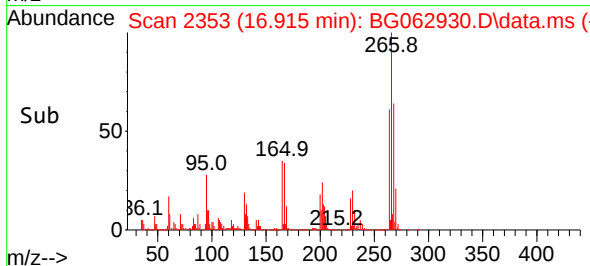
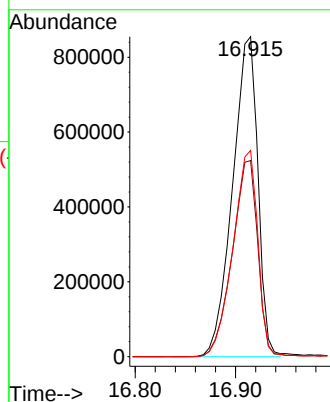
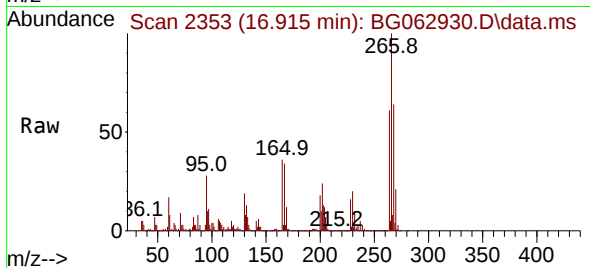
264 61.3 43.0 64.4

268 64.4 47.2 70.8

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#72

Phenanthrene

Concen: 2.436 ng/ul

RT: 17.285 min Scan# 2416

Delta R.T. 0.007 min

Lab File: BG062930.D

Acq: 19 Sep 2024 5:38

Tgt Ion:178 Resp: 38927

Ion Ratio Lower Upper

178 100

179 23.9 12.3 18.5#

176 27.0 15.5 23.3#

