

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063063.D
 Acq On : 26 Sep 2024 13:46
 Operator : RC/JU
 Sample : P3879-11DL2 50X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9DL2

Quant Time: Sep 26 15:03:02 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	86958	20.000	ng/ul	0.00
20) Naphthalene-d8	10.641	136	349582	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	313759	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	830505	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.487	240	1045310	20.000	ng/ul	# 0.00
88) Perylene-d12	24.524	264	1165473	20.000	ng/ul	0.00
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/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.380	132	4657	0.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.555	113	3789	0.781	ng/ul	0.00
21) Nitrobenzene-d5	9.013	128	2914m	1.134	ng/ul	0.01
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.271	165	7422	1.083	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.884	166	23700	0.950	ng/ul	0.00
49) Acenaphthylene-d8	14.178	160	24934	0.943	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.476	176	21954	0.960	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.327	188	45373m	1.139	ng/ul	0.00
81) Pyrene-d10	19.624	212	60792	1.033	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.313	264	67735	1.085	ng/ul	0.00
Target Compounds						
23) Isophorone	9.566	82	54897	5.858	ng/ul	94
30) Naphthalene	10.688	128	51864	2.919	ng/ul#	95
36) 2-Methylnaphthalene	12.298	142	30756	2.134	ng/ul	87
37) 1-Methylnaphthalene	12.521	142	19337	1.327	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.112	232	393332	47.772	ng/ul	96
71) Pentachlorophenol	16.892	266	993835	140.642	ng/ul	89

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

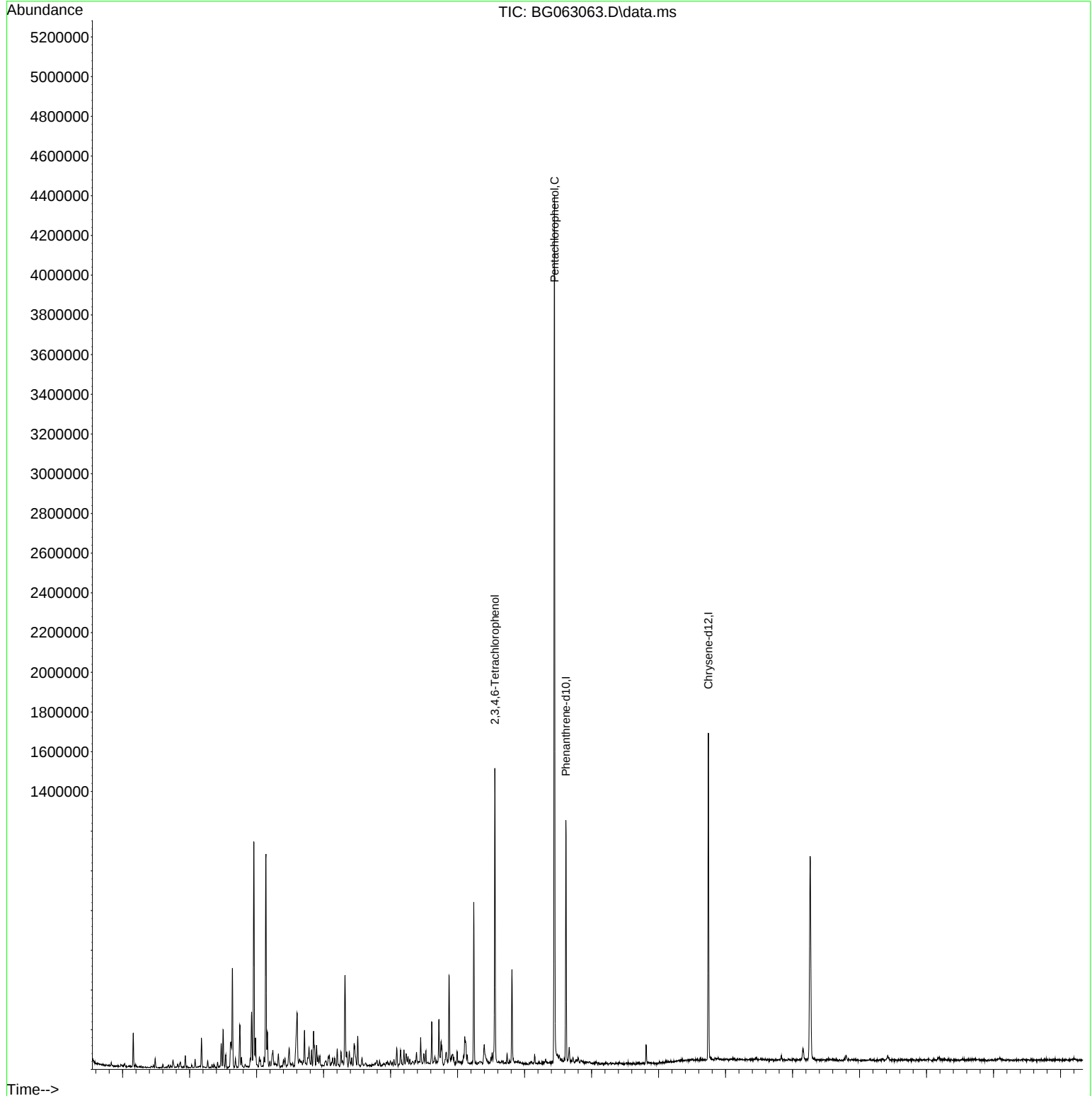
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
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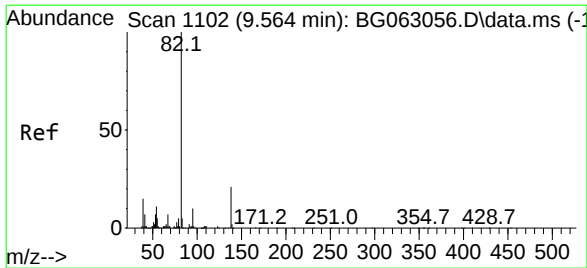
Instrument :
BNA_G
ClientSampleId :
DCVZ9DL2

Quant Time: Sep 26 15:03:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
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#23

Isophorone

Concen: 5.858 ng/u1

RT: 9.566 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG063063.D

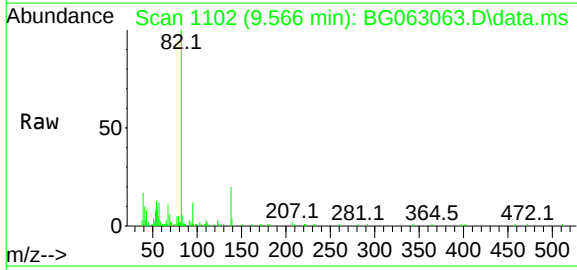
Acq: 26 Sep 2024 13:46

Instrument :

BNA_G

ClientSampleId :

DCVZ9DL2



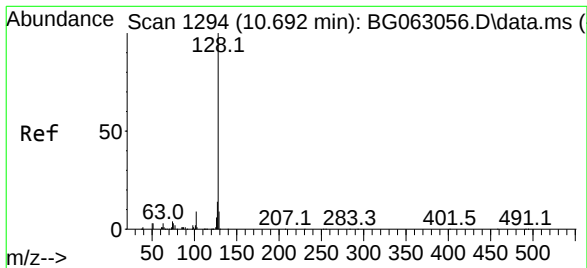
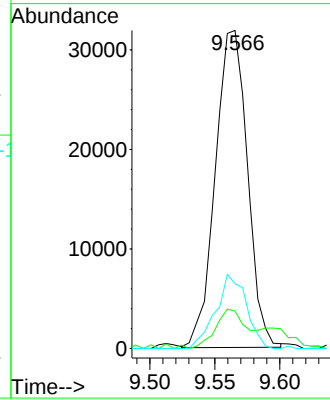
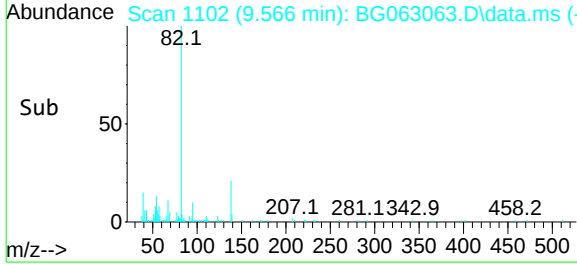
Tgt Ion:	82	Resp:	54897
Ion	Ratio	Lower	Upper
82	100		
95	11.8	10.0	15.0
138	20.4	19.5	29.3

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#30

Naphthalene

Concen: 2.919 ng/u1

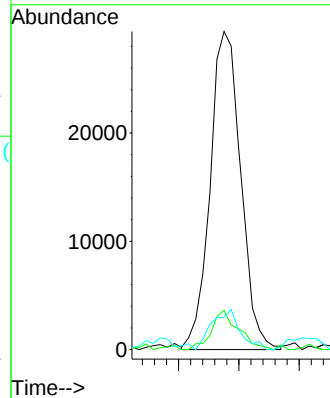
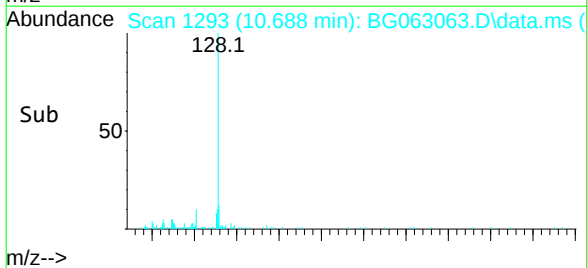
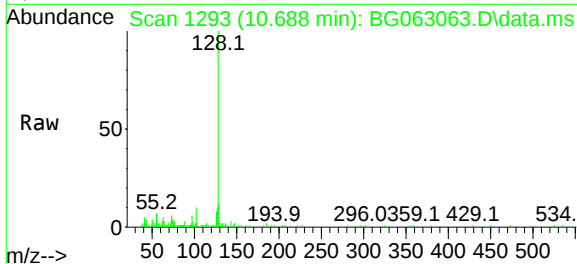
RT: 10.688 min Scan# 1293

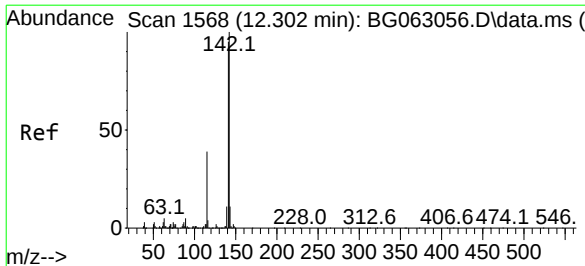
Delta R.T. -0.003 min

Lab File: BG063063.D

Acq: 26 Sep 2024 13:46

Tgt Ion:	128	Resp:	51864
Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.3	13.9
127	10.1	10.7	16.1





#36

2-Methylnaphthalene

Concen: 2.134 ng/ul

RT: 12.298 min Scan# 1568

Delta R.T. -0.003 min

Lab File: BG063063.D

Acq: 26 Sep 2024 13:46

Instrument :

BNA_G

ClientSampleId :

DCVZ9DL2

Tgt Ion:142 Resp: 30756

Ion Ratio Lower Upper

142 100

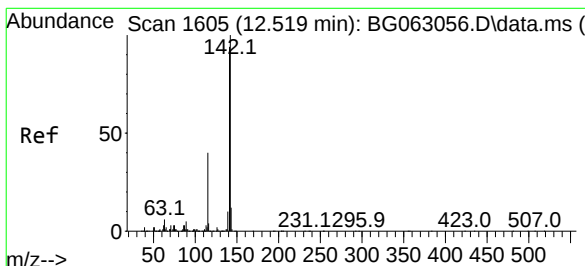
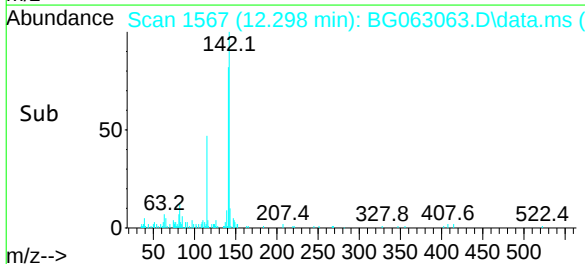
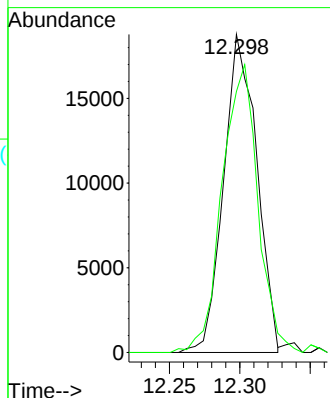
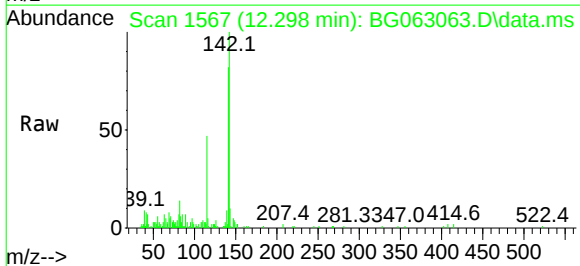
141 82.1 75.8 113.8

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#37

1-Methylnaphthalene

Concen: 1.327 ng/ul

RT: 12.521 min Scan# 1605

Delta R.T. 0.003 min

Lab File: BG063063.D

Acq: 26 Sep 2024 13:46

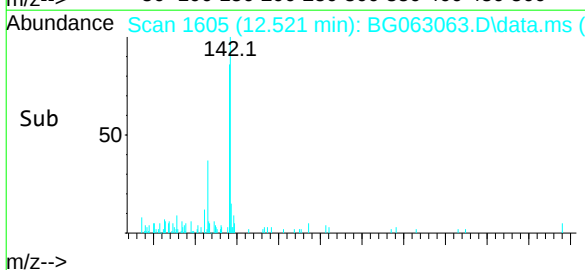
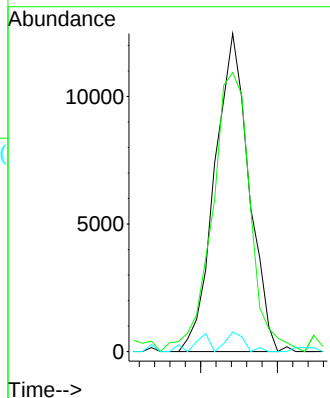
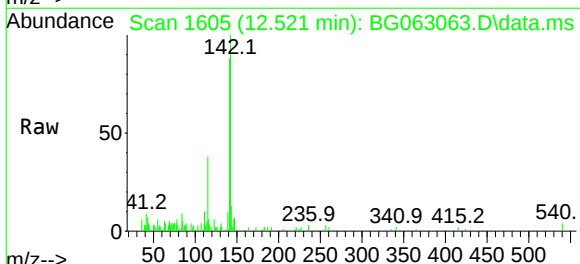
Tgt Ion:142 Resp: 19337

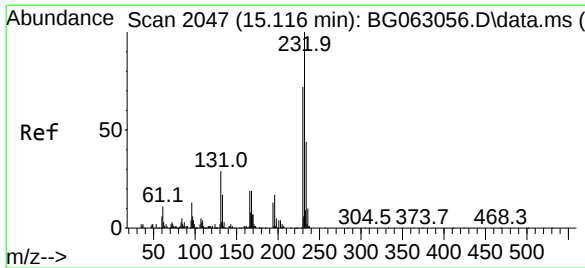
Ion Ratio Lower Upper

142 100

141 87.7 73.4 110.0

116 6.1 3.0 4.6#





#58

2,3,4,6-Tetrachlorophenol

Concen: 47.772 ng/ul

RT: 15.112 min Scan# 2047

Delta R.T. -0.003 min

Lab File: BG063063.D

Acq: 26 Sep 2024 13:46

Instrument :

BNA_G

ClientSampleId :

DCVZ9DL2

Tgt Ion:232 Resp: 393332

Ion Ratio Lower Upper

232 100

131 29.6 25.8 38.6

130 2.8 1.9 2.9

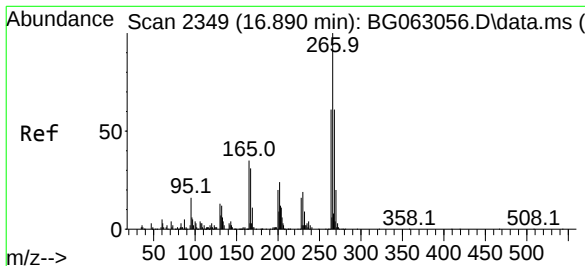
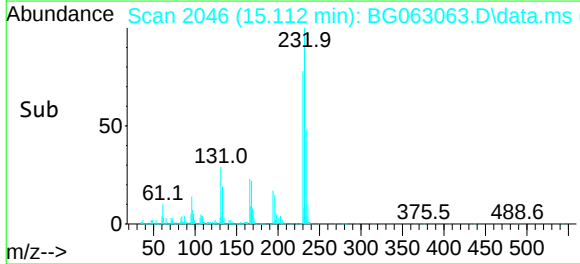
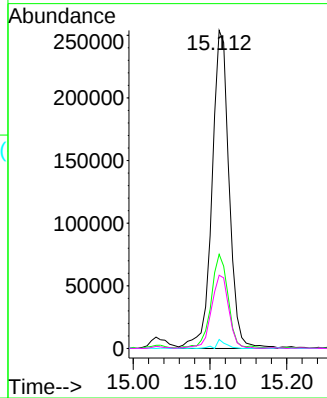
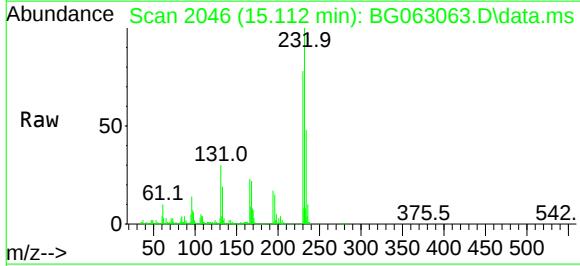
166 23.0 17.6 26.4

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#71

Pentachlorophenol

Concen: 140.642 ng/ul

RT: 16.892 min Scan# 2349

Delta R.T. 0.003 min

Lab File: BG063063.D

Acq: 26 Sep 2024 13:46

Tgt Ion:266 Resp: 993835

Ion Ratio Lower Upper

266 100

264 62.7 57.7 86.5

268 62.9 57.3 85.9

