

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051516.D
 Acq On : 14 Dec 2021 23:25
 Operator : CG/JU
 Sample : M4995-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW5S4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 15 01:35:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	28095	20.000	ng/u1	0.00
20) Naphthalene-d8	11.120	136	115902	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.915	164	88649	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.658	188	228915	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.976	240	244718	20.000	ng/u1	#-0.01
88) Perylene-d12	25.477	264	242502	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	2397m	3.543	ng/uL	0.00
4) Pyridine-d5	4.047	84	16713	8.177	ng/u1	0.00
7) Phenol-d5	7.407	99	15673	6.248	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	40362	27.066	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.806	132	38538	22.089	ng/u1	0.00
15) 4-Methylphenol-d8	8.970	113	28502	14.699	ng/u1	-0.01
21) Nitrobenzene-d5	9.451	128	24374	28.684	ng/u1	0.00
24) 2-Nitrophenol-d4	10.180	143	27483	29.586	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.720	165	55630	27.616	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.237	131	55282	20.844	ng/u1	0.00
46) Dimethylphthalate-d6	14.309	166	226189	31.878	ng/u1	0.00
49) Acenaphthylene-d8	14.609	160	266933	30.291	ng/u1	0.00
54) 4-Nitrophenol-d4	15.073	143	9018	7.816	ng/u1	0.00
60) Fluorene-d10	15.901	176	206624	32.503	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.995	200	41124	34.481	ng/u1	-0.02
73) Anthracene-d10	17.758	188	355358	32.542	ng/u1	0.00
81) Pyrene-d10	20.031	212	441000	29.942	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.236	264	411363	32.240	ng/u1	-0.02
Target Compounds						
2) 1,4-Dioxane	3.642	88	13727	19.443	ng/uL#	83
23) Isophorone	10.027	82	30546	6.156	ng/u1#	94
26) 2,4-Dimethylphenol	10.291	107	14638m	6.119	ng/u1	
30) Naphthalene	11.167	128	142174	22.769	ng/u1	98
36) 2-Methylnaphthalene	12.759	142	19402	4.355	ng/u1	91
37) 1-Methylnaphthalene	12.976	142	14043	3.036	ng/u1#	88

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

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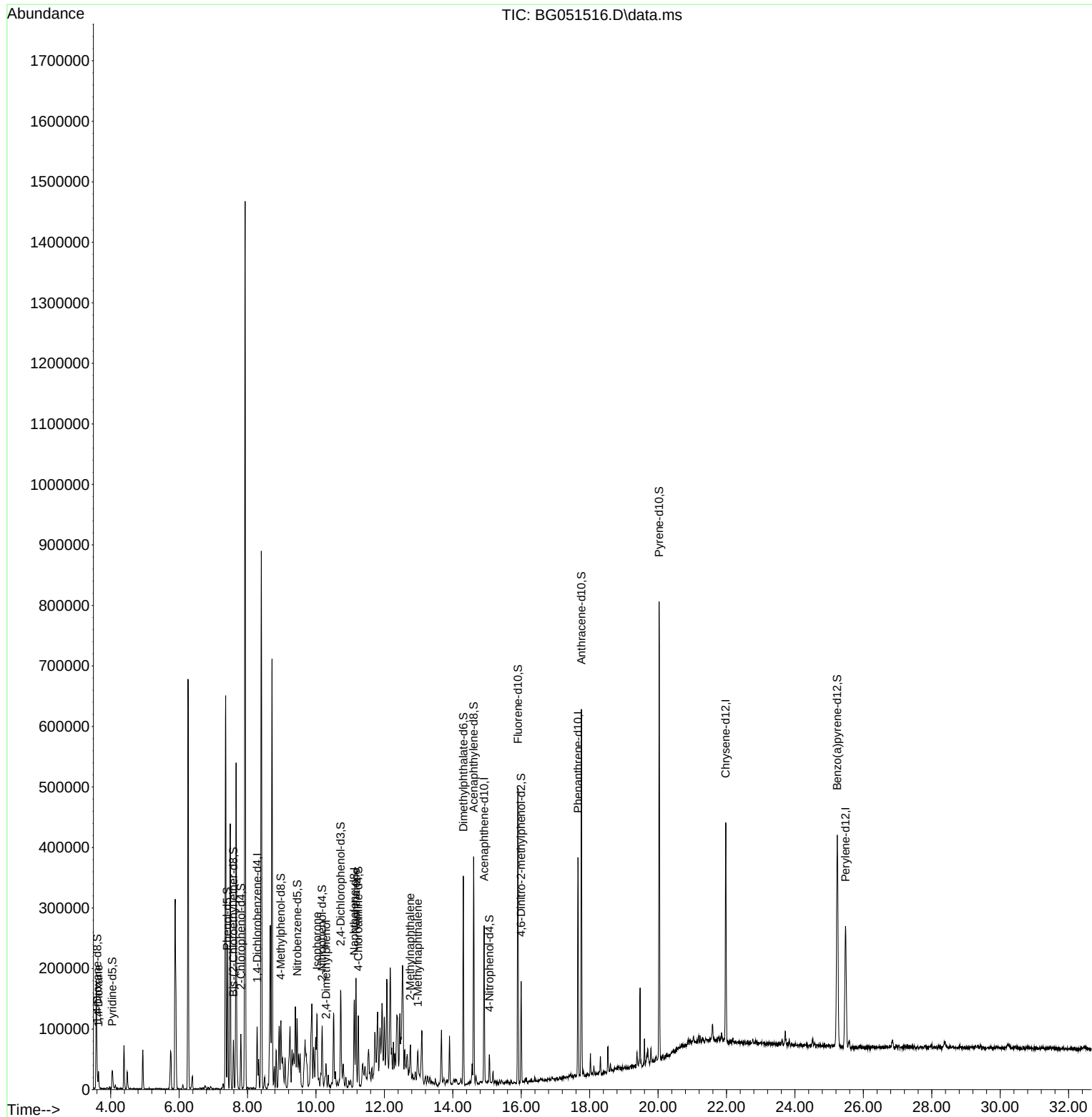
Manual Integrations

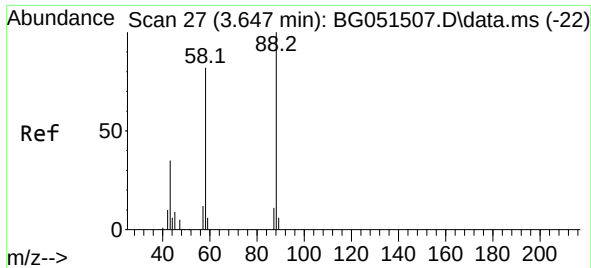
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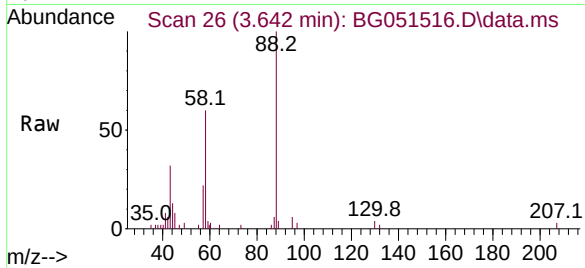
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#2
1,4-Dioxane
Concen: 19.443 ng/uL
RT: 3.642 min Scan# 20
Delta R.T. -0.010 min
Lab File: BG051516.D
Acq: 14 Dec 2021 23:25

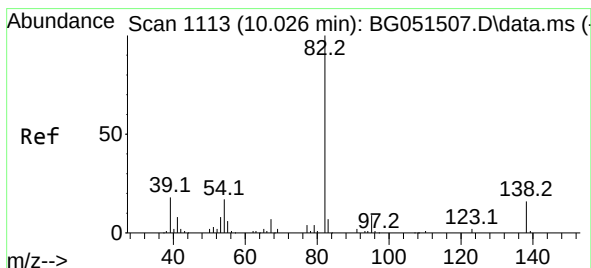
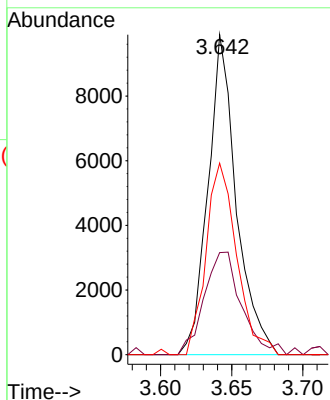
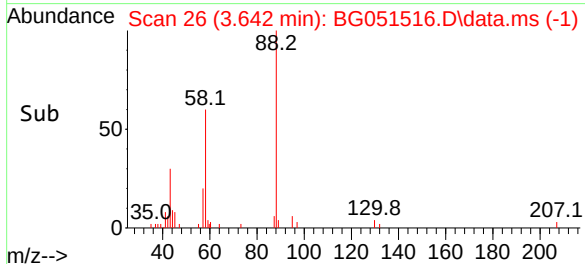
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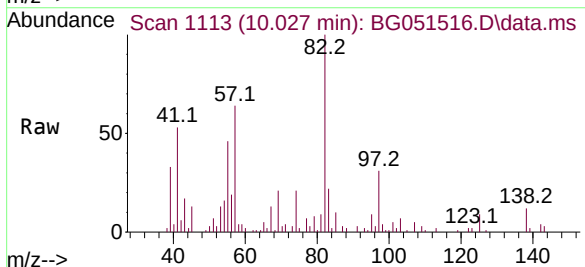
Tgt Ion: 88 Resp: 1372
Ion Ratio Lower Upper
88 100
43 31.9 23.0 34.4
58 59.9 62.4 93.6

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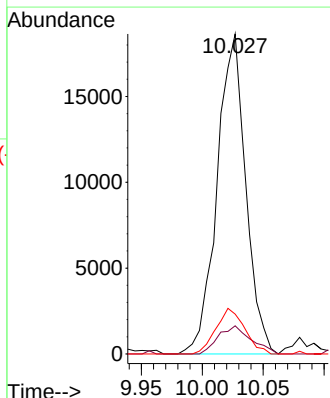
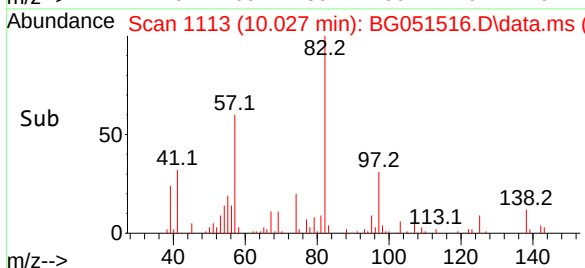
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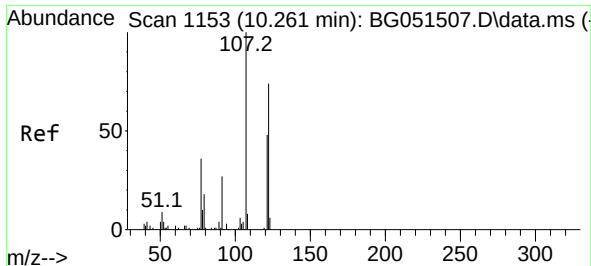


#23
Isophorone
Concen: 6.156 ng/uL
RT: 10.027 min Scan# 1113
Delta R.T. -0.004 min
Lab File: BG051516.D
Acq: 14 Dec 2021 23:25



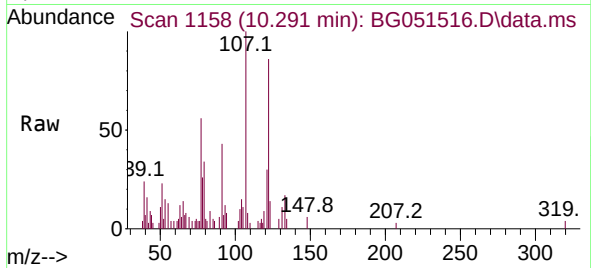
Tgt Ion: 82 Resp: 30546
Ion Ratio Lower Upper
82 100
95 8.8 5.6 8.4
138 12.4 11.8 17.8





#26
2,4-Dimethylphenol
Concen: 6.119 ng/ul m
RT: 10.291 min Scan# 1158
Delta R.T. 0.025 min
Lab File: BG051516.D
Acq: 14 Dec 2021 23:25

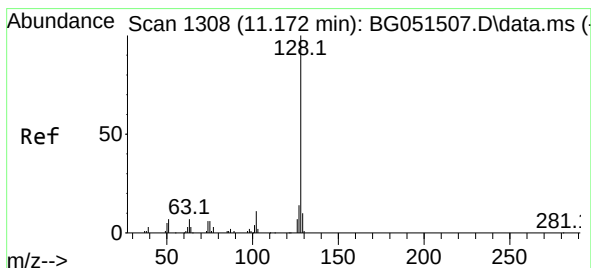
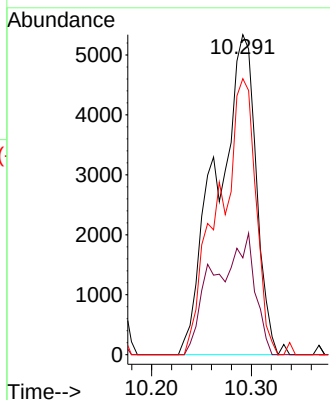
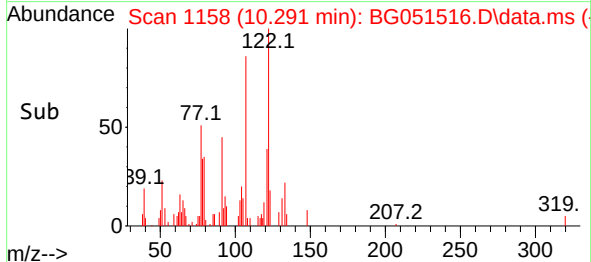
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Tgt Ion:107 Resp: 14638
Ion Ratio Lower Upper
107 100
121 30.3 39.3 58.9
122 86.2 63.7 95.5

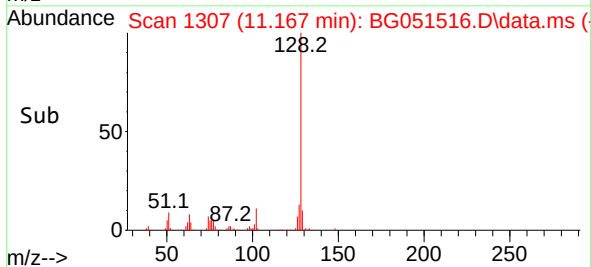
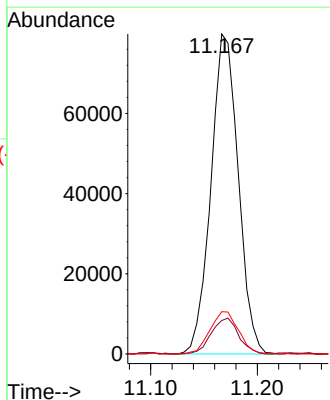
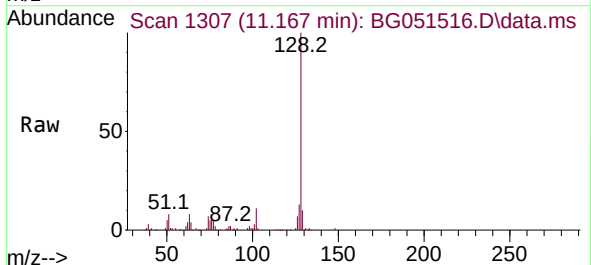
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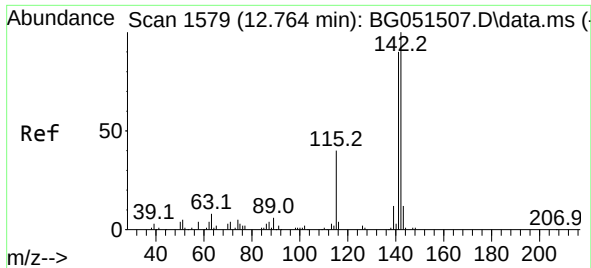
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#30
Naphthalene
Concen: 22.769 ng/ul
RT: 11.167 min Scan# 1307
Delta R.T. -0.010 min
Lab File: BG051516.D
Acq: 14 Dec 2021 23:25

Tgt Ion:128 Resp: 142174
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.2 11.8 17.6





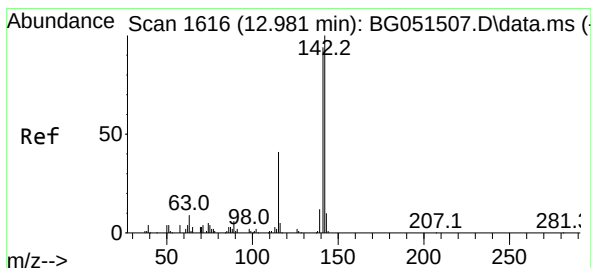
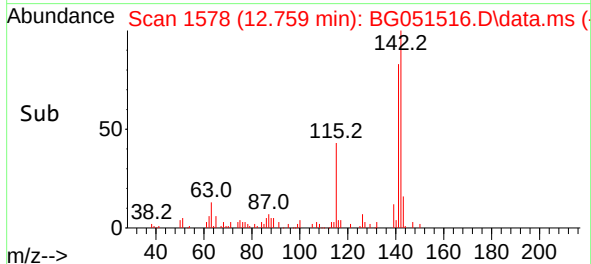
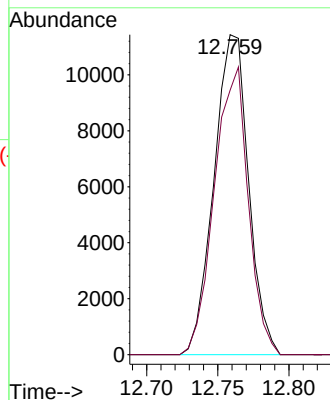
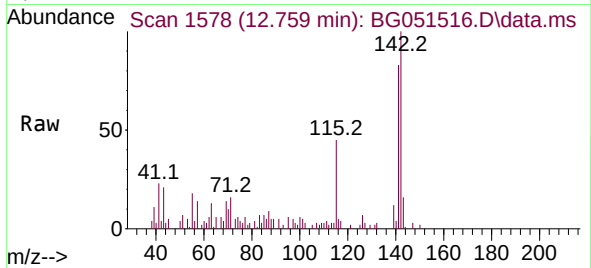
#36
2-Methylnaphthalene
Concen: 4.355 ng/ul
RT: 12.759 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG051516.D
Acq: 14 Dec 2021 23:25

Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 1940
Ion Ratio Lower Upper
142 100
141 82.6 73.3 109.9

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#37
1-Methylnaphthalene
Concen: 3.036 ng/ul
RT: 12.976 min Scan# 1615
Delta R.T. -0.010 min
Lab File: BG051516.D
Acq: 14 Dec 2021 23:25

Tgt Ion:142 Resp: 14043
Ion Ratio Lower Upper
142 100
141 109.6 77.8 116.8
116 7.7 3.3 4.9#

