Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048178.D
Acq On : 17 Feb 2021 1:02
Operator : CG/JU
Sample : M1408-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 17 04:37:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 23:25:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGK2

Manual Integrations APPROVED
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2/17/2021 1:46:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	220383	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	168022	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	413219	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	442192	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	451815	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	7572	5.61	ng/uL	0.00
5) Phenol-d5	7.25	99	3114	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	11388	4.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	9930	2.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	6040	1.62	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	6299	3.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	7508	3.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	11461	2.94	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	52555	4.22	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	65119	4.28	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.71	176	52045	4.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	2187	0.86	ng/ul	0.00
71) Anthracene-d10	17.56	188	97678	5.51	ng/ul	0.00
79) Pyrene-d10	19.84	212	119765	5.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	122027	5.29	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	120420	10.833	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	13249	1.568	ng/ul	99
50) Acenaphthene	14.78	153	12442	1.218	ng/ul	93
75) Carbazole	17.87	167	25818m	1.474	ng/ul	

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

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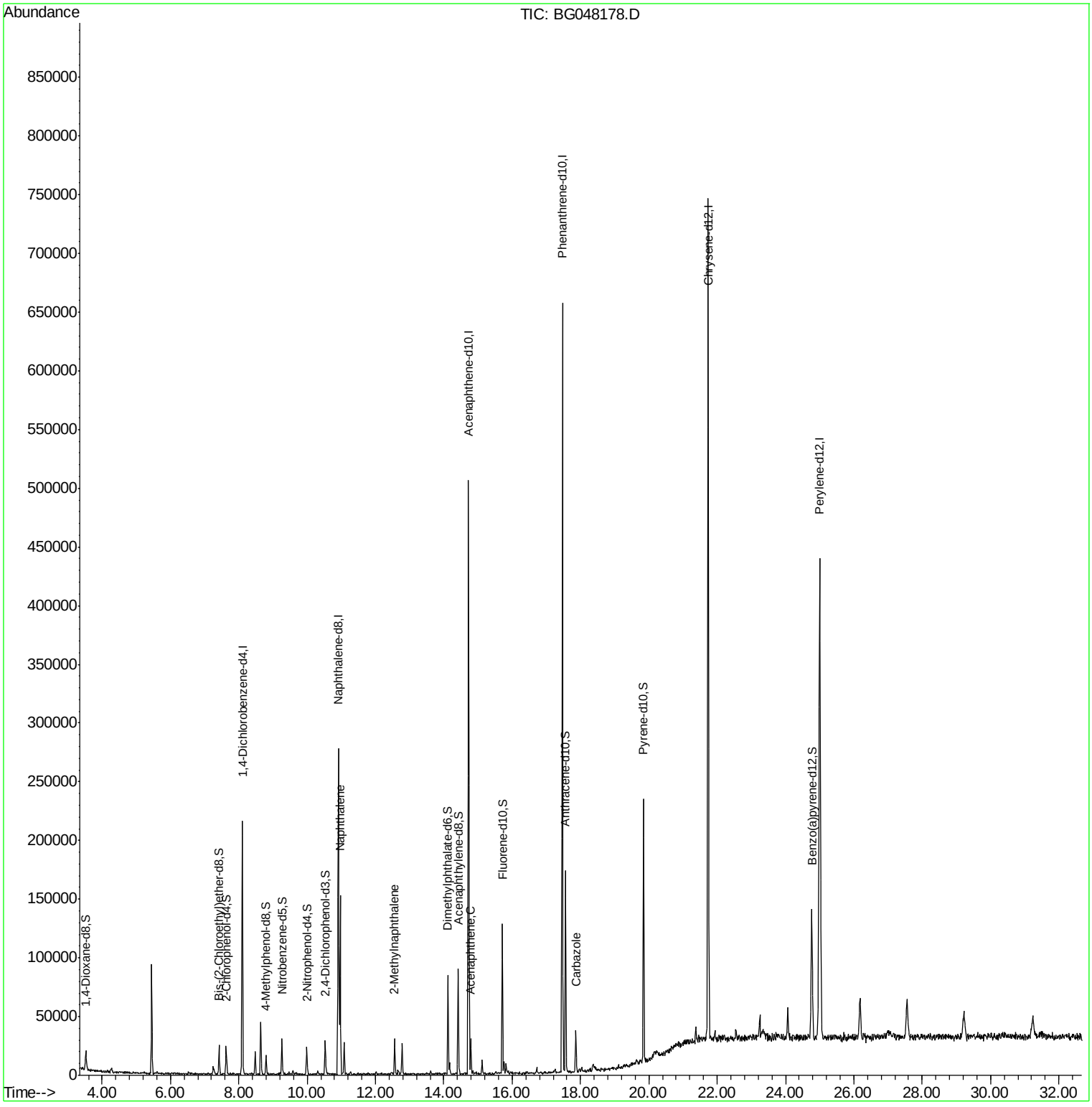
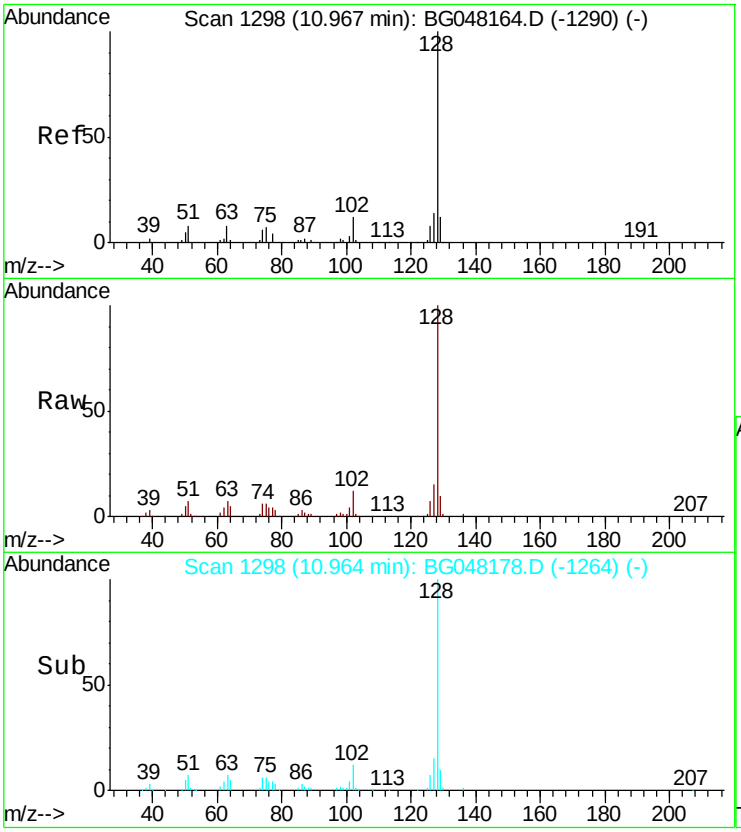
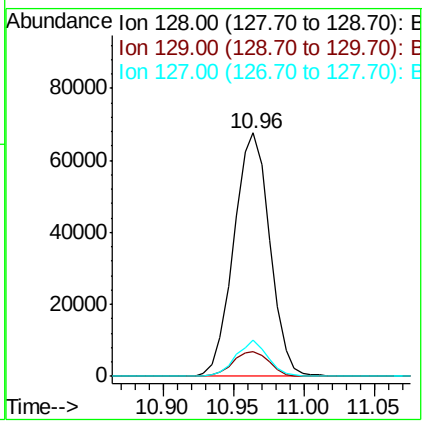




#28
Naphthalene
Concen: 10.833 ng/ul
RT: 10.96 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG048178.D
Acq: 17 Feb 2021 1:02

Tgt Ion:128 Resp: 120420

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.3	13.9
127	14.7	11.2	16.8



Instrument :
BNA_G
ClientSampleId :
DBGK2

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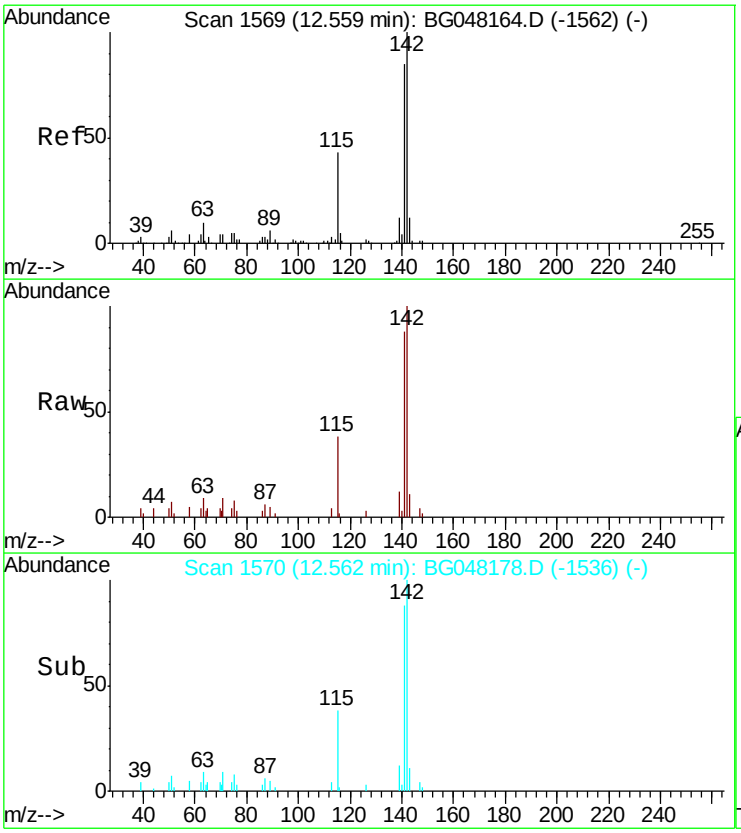
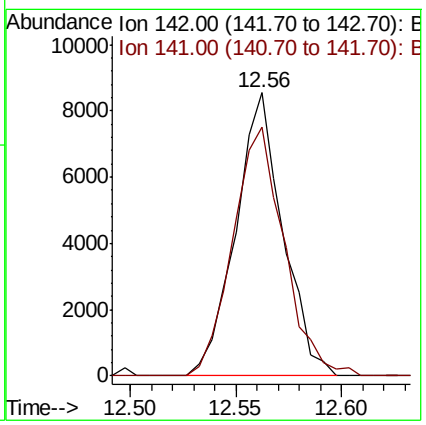
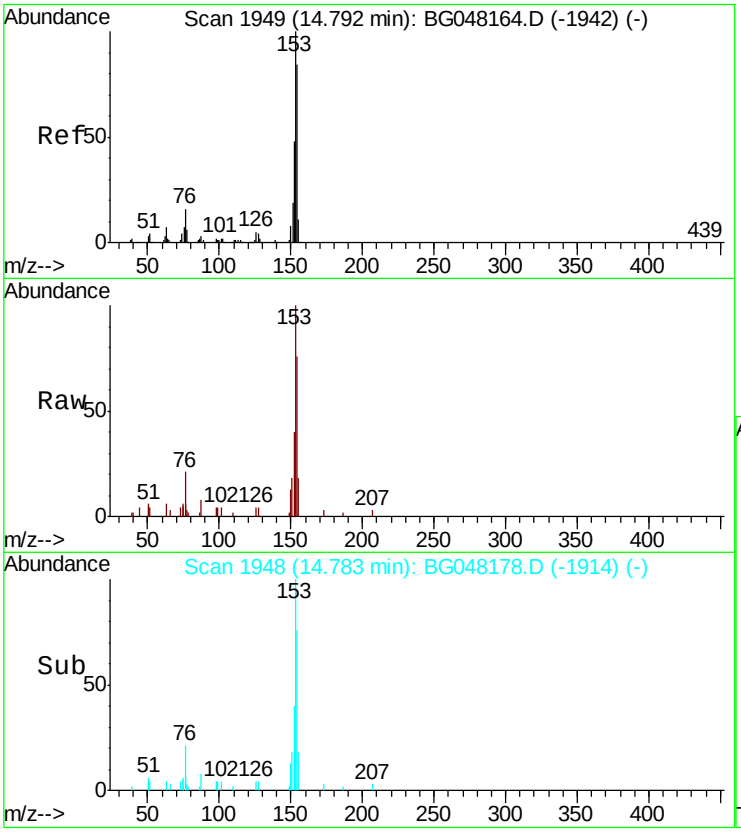


#34
2-Methylnaphthalene
Concen: 1.568 ng/ul
RT: 12.56 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG048178.D
Acq: 17 Feb 2021 1:02

Tgt Ion:142 Resp: 13249

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.6	104.4

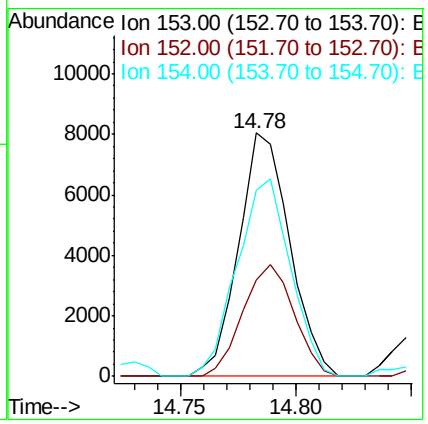




#50
Acenaphthene
Concen: 1.218 ng/ul
RT: 14.78 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG048178.D
Acq: 17 Feb 2021 1:02

Tgt Ion:153 Resp: 12442

Ion	Ratio	Lower	Upper
153	100		
152	39.8	35.7	53.5
154	76.1	66.3	99.5



Instrument :
BNA_G
ClientSampleId :
DBGK2

Manual Integrations APPROVED
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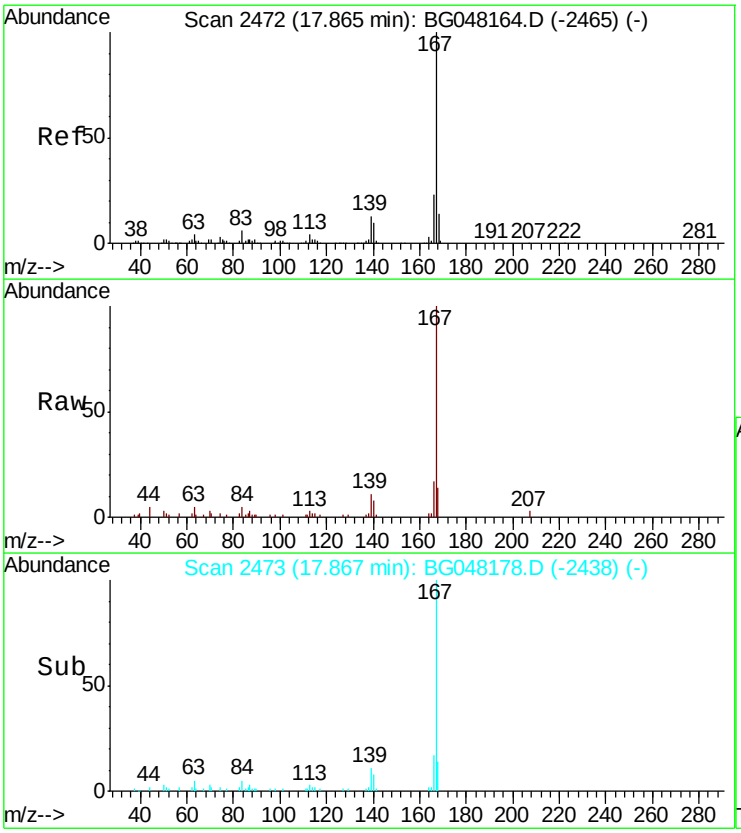

#75
Carbazole
Concen: 1.474 ng/ul m
RT: 17.87 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BG048178.D
Acq: 17 Feb 2021 1:02

Tgt Ion:167 Resp: 25818

Ion	Ratio	Lower	Upper
167	100		
166	16.6	16.2	24.2
139	10.8	9.6	14.4