

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048183.D
 Acq On : 17 Feb 2021 9:46
 Operator : CG/JU
 Sample : M1408-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGK2

Quant Time: Feb 17 10:22:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 06:21:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	47312	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	183170	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	134072	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	333429	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	360124	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	346096	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2171	1.91	ng/uL	0.00
5) Phenol-d5	7.24	99	64602	16.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	48580	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	50269	17.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	54725	17.50	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	28330	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	34802	21.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	61342	18.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	64003	19.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	231801	23.34	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	275333	22.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	26953	15.97	ng/ul	0.00
58) Fluorene-d10	15.71	176	208887	23.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	34001	16.63	ng/ul	0.00
71) Anthracene-d10	17.56	188	352859	24.68	ng/ul	0.00
79) Pyrene-d10	19.84	212	429396	23.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	437471	24.78	ng/ul	0.00

Target Compounds

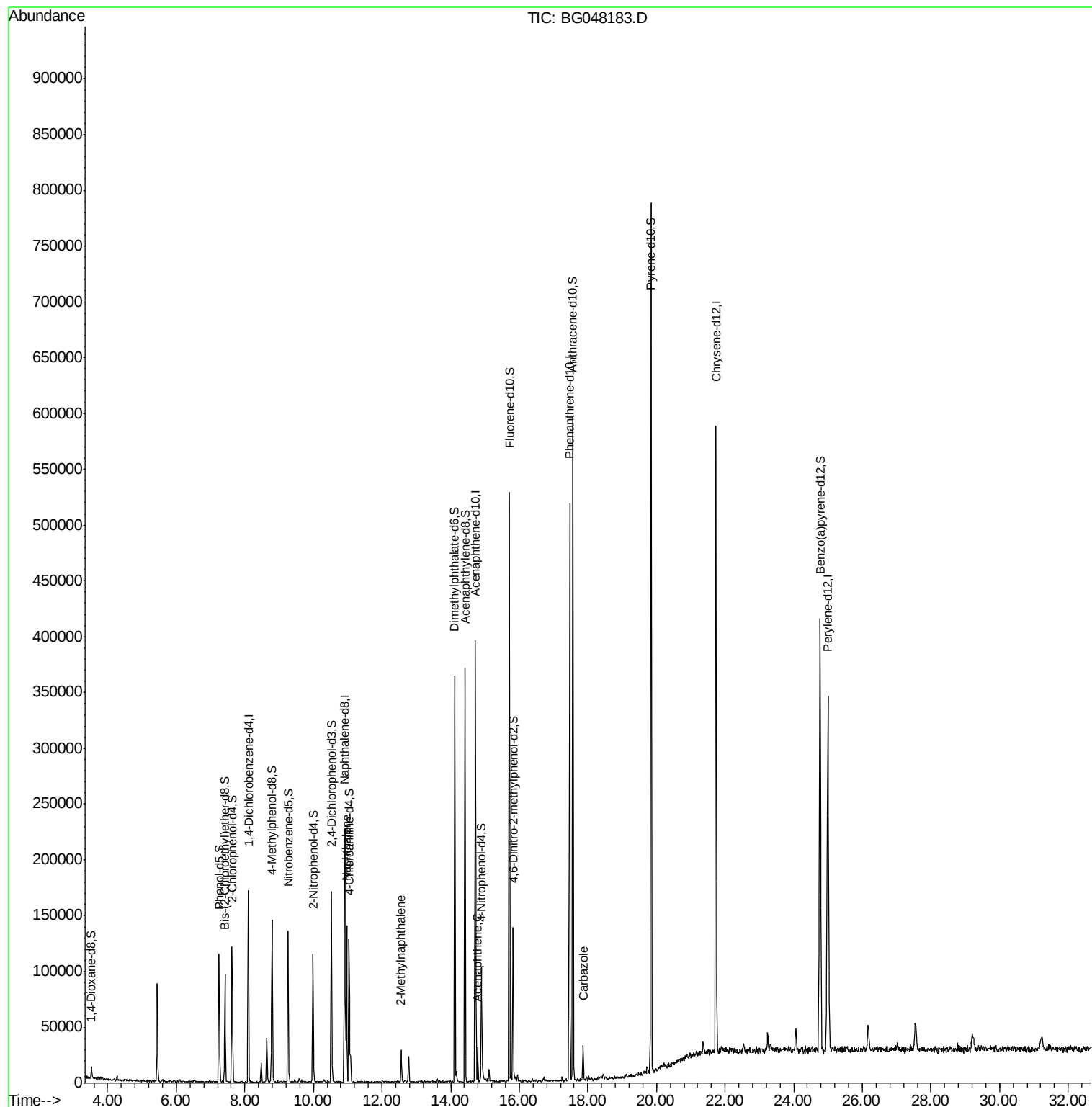
					Ovalue
28) Naphthalene	10.96	128	111007	12.015	ng/ul 97
34) 2-Methylnaphthalene	12.56	142	12225	1.741	ng/ul 95
50) Acenaphthene	14.78	153	12058	1.480	ng/ul 88
75) Carbazole	17.86	167	22012	1.558	ng/ul 95

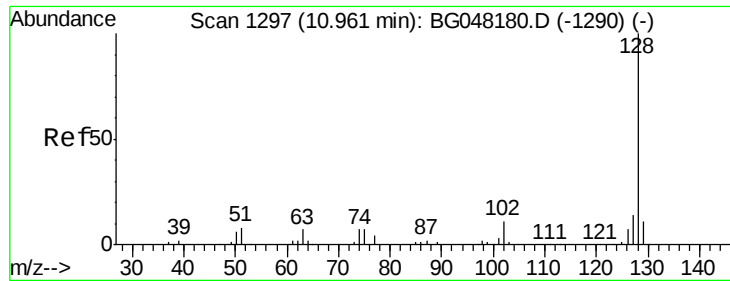
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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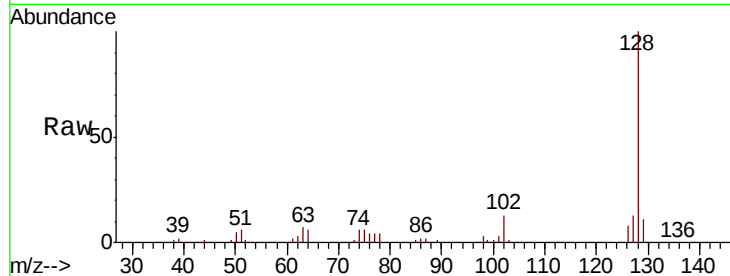




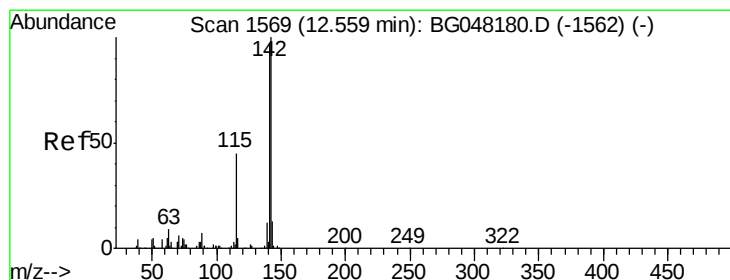
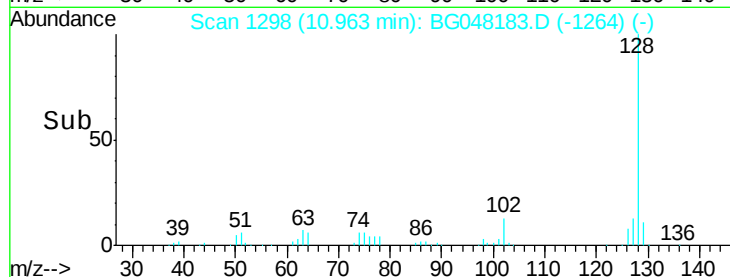
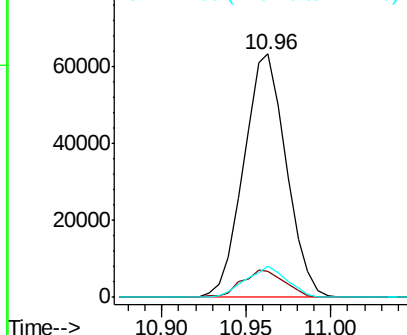
#28
Naphthalene
Concen: 12.015 ng/ul
RT: 10.96 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG048183.D
Acq: 17 Feb 2021 9:46

Instrument :
BNA_G
ClientSampleId :
DBGK2

Tot Ion:128 Resp: 111007
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.6 11.2 16.8

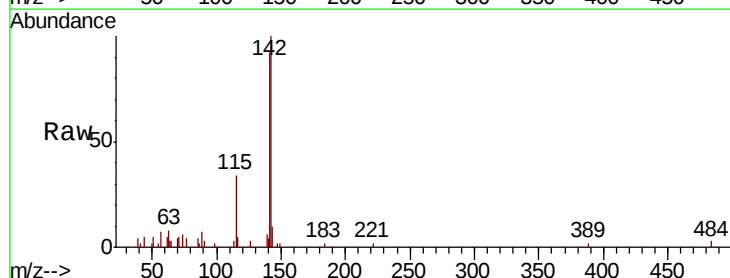


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

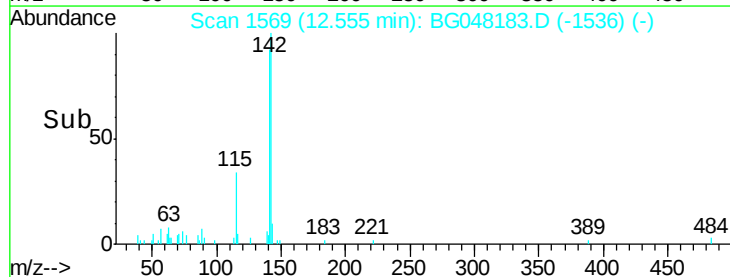
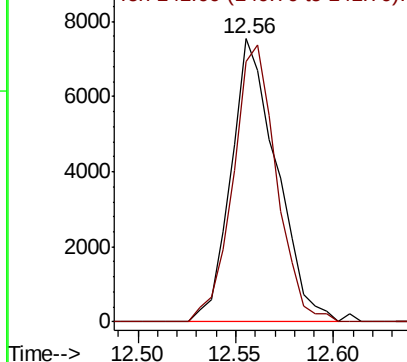


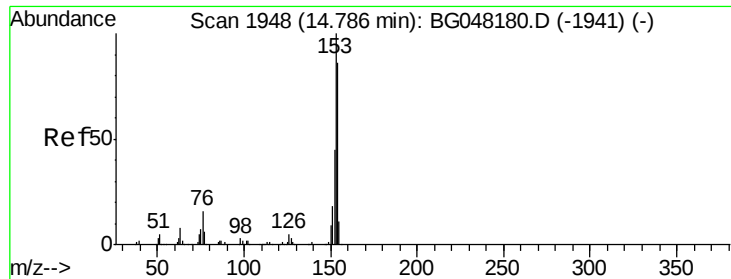
#34
2-Methylnaphthalene
Concen: 1.741 ng/ul
RT: 12.56 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG048183.D
Acq: 17 Feb 2021 9:46

Tgt Ion:142 Resp: 12225
Ion Ratio Lower Upper
142 100
141 91.8 69.6 104.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#50

Acenaphthene

Concen: 1.480 ng/ul

RT: 14.78 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG048183.D

Acq: 17 Feb 2021 9:46

Instrument :

BNA_G

ClientSampled :

DBGK2

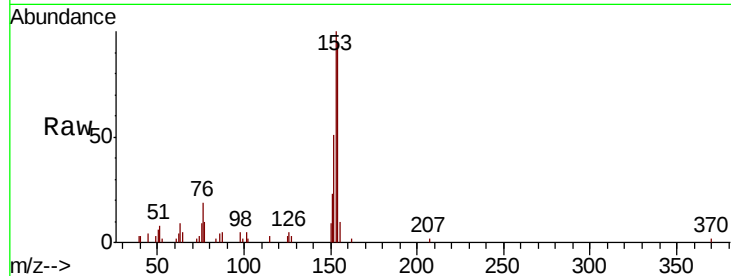
Tot Ion:153 Resp: 12058

Ion Ratio Lower Upper

153 100

152 51.2 35.7 53.5

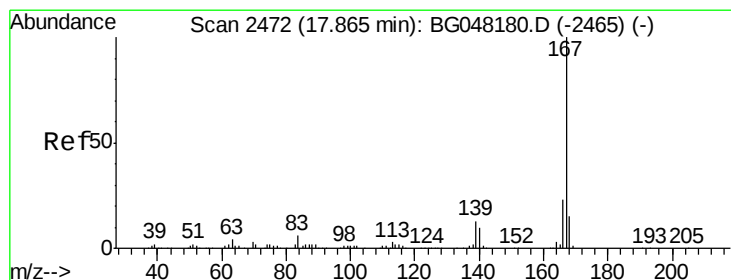
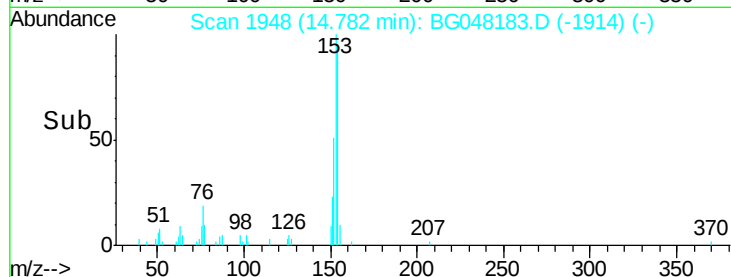
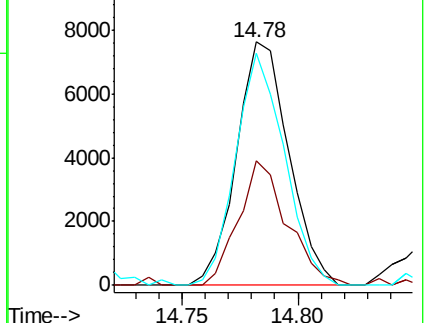
154 95.2 66.3 99.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#75

Carbazole

Concen: 1.558 ng/ul

RT: 17.86 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG048183.D

Acq: 17 Feb 2021 9:46

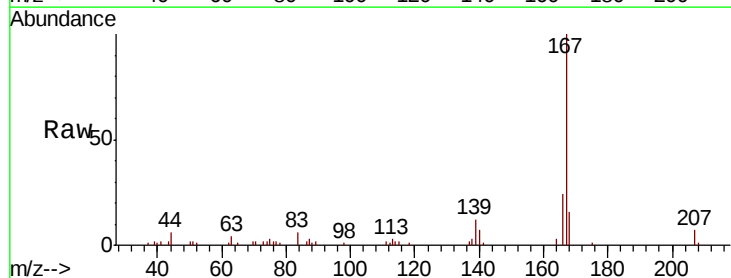
Tgt Ion:167 Resp: 22012

Ion Ratio Lower Upper

167 100

166 23.9 16.2 24.2

139 12.1 9.6 14.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

