

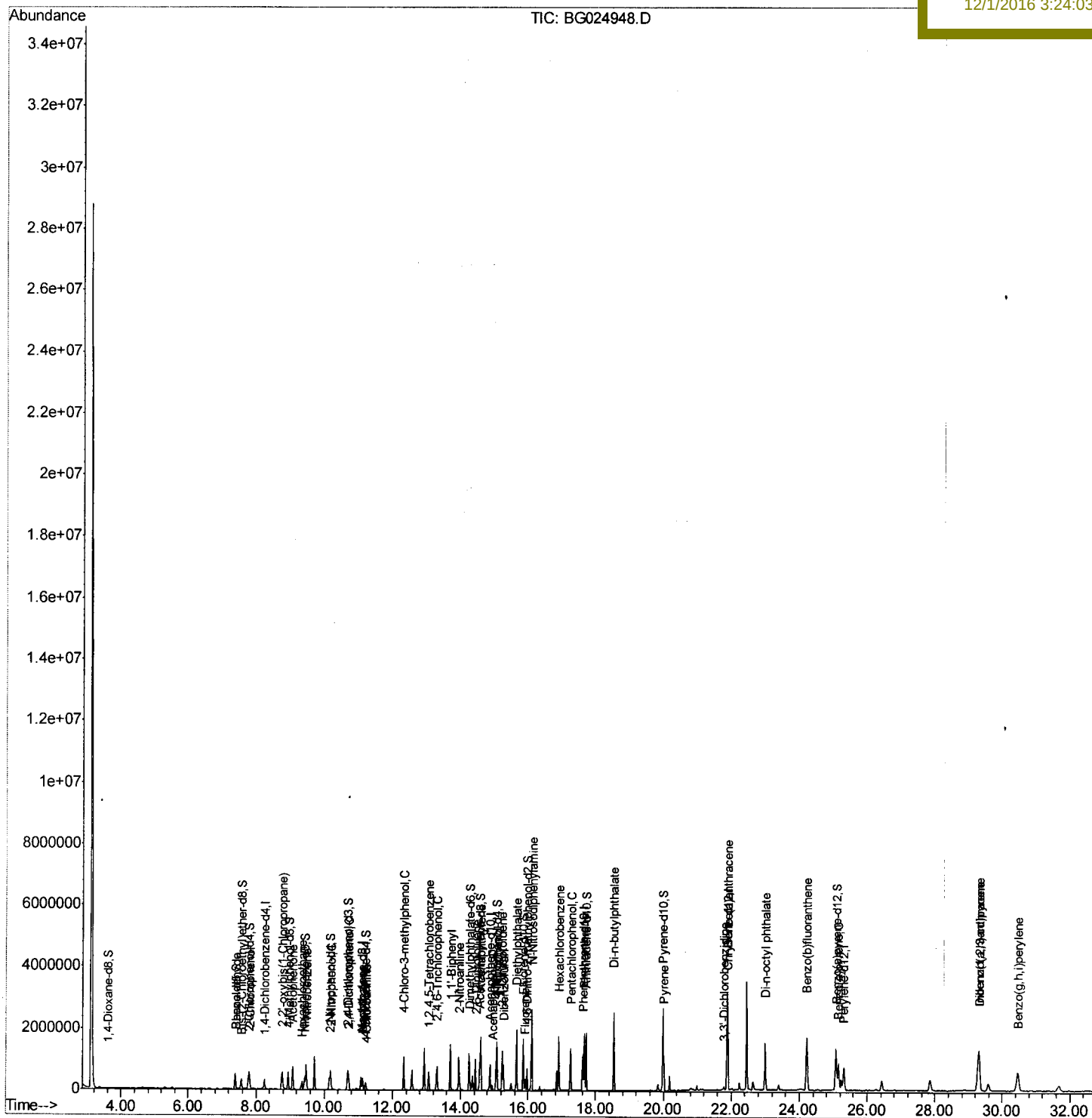
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG113016\
Data File : BG024948.D
Acq On : 30 Nov 2016 16:22
Operator : UM/SJ
Sample : H5716-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 01:26:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 01:03:36 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WB4

Manual Integrations
APPROVED

sohil
12/1/2016 3:24:03 PM



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG113016\
 Data File : BG024948.D
 Acq On : 30 Nov 2016 16:22
 Operator : UM/SJ
 Sample : H5716-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WB4

Manual Integrations
 APPROVED

sohil
 12/1/2016 3:24:03 PM

Quant Time: Dec 01 01:26:52 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 01:03:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	83811	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	353207	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	298238	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	704472m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	937257	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	914587	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	11565	7.13	ng/uL	0.00
5) Phenol-d5	7.39	99	244371	33.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	155239	34.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	174250	34.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	213955	35.41	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	91343	36.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	112809	36.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	222534	37.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	114215	19.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	788132	38.42	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	850179	37.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	150931	42.81	ng/ul	0.00
57) Fluorene-d10	15.85	176	692040	35.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	167244	38.40	ng/ul	0.00
70) Anthracene-d10	17.70	188	1147751	38.60	ng/ul	0.00
76) Pyrene-d10	19.98	212	1487234	38.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1585768	42.79	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	7.39	77	14803	2.72 ng/ul#	91
10) 2-Chlorophenol	7.80	128	209229	41.16 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.77	45	565327	61.22 ng/ul	96
14) Acetophenone	9.07	105	375045	40.79 ng/ul	93
17) Hexachloroethane	9.34	117	46702	20.74 ng/ul	86
20) Nitrobenzene	9.47	77	487992	63.49 ng/ul	96
23) 2-Nitrophenol	10.18	139	168731	53.35 ng/ul	90
27) 2,4-Dichlorophenol	10.71	162	152111	26.12 ng/ul	95
28) Naphthalene	11.12	128	288970	17.60 ng/ul	97
30) 4-Chloroaniline	11.24	127	8019	1.33 ng/ul#	78
33) 4-Chloro-3-methylphenol	12.33	107	383408	53.42 ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	202612	22.54 ng/ul#	90
38) 2,4,6-Trichlorophenol	13.30	196	198077	35.08 ng/ul	86
40) 1,1'-Biphenyl	13.70	154	797575	44.11 ng/ul	98
42) 2-Nitroaniline	13.96	65	332309	58.98 ng/ul	100
45) 2,6-Dinitrotoluene	14.44	165	199349	46.02 ng/ul#	94
47) Acenaphthylene	14.60	152	1211509	55.46 ng/ul	98
49) Acenaphthene	14.93	153	80998	5.41 ng/ul	95
52) 4-Nitrophenol	15.07	109	317646	74.91 ng/ul	93
53) Dibenzofuran	15.26	168	525368	22.19 ng/ul	93
54) 2,4-Dinitrotoluene	15.22	165	363188	55.63 ng/ul#	87
56) Diethylphthalate	15.66	149	1105158	51.77 ng/ul	96
58) Fluorene	15.91	166	182582	9.47 ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG113016\
Data File : BG024948.D
Acq On : 30 Nov 2016 16:22
Operator : UM/SJ
Sample : H5716-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4WB4

Manual Integrations
APPROVED

sohil
12/1/2016 3:24:03 PM

Quant Time: Dec 01 01:26:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 01:03:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) N-Nitrosodiphenylamine	16.11	169	1019334	56.24	ng/ul	96
66) Hexachlorobenzene	16.91	284	415091	46.33	ng/ul	95
68) Pentachlorophenol	17.25	266	281077	52.24	ng/ul	92
69) Phenanthrene	17.65	178	1219370	36.26	ng/ul	100
73) Di-n-butylphthalate	18.53	149	1665862	45.75	ng/ul	98
77) Pyrene	20.01	202	861201	19.11	ng/ul#	97
79) 3,3'-Dichlorobenzidine	21.79	252	47313	2.90	ng/ul	93
80) Benzo(a)anthracene	21.88	228	2162480	44.41	ng/ul	95
84) Di-n-octyl phthalate	23.00	149	1361530	36.67	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1776129	39.16	ng/ul	98
88) Benzo(a)pyrene	25.15	252	1047324	24.02	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.31	276	625230	11.54	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.31	278	2556153	55.98	ng/ul	95
91) Benzo(g,h,i)perylene	30.46	276	1354522	29.95	ng/ul	96

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

Quantitation Report (Qedit)

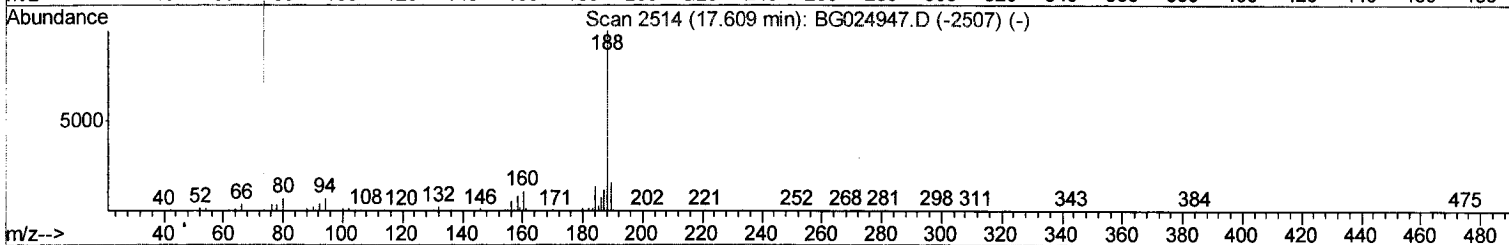
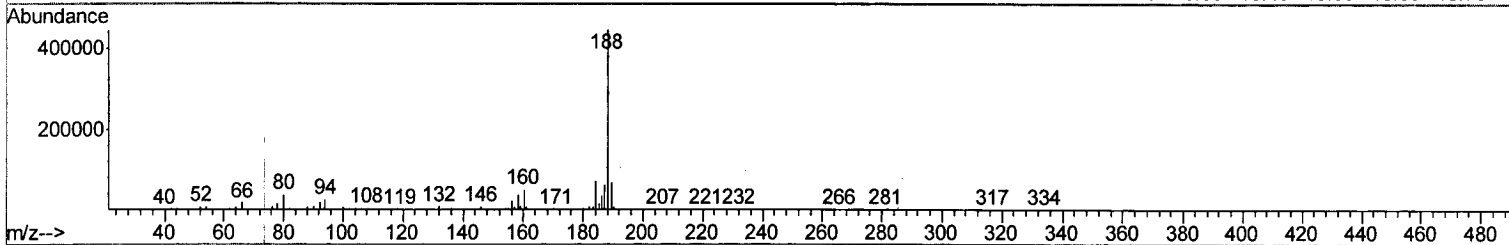
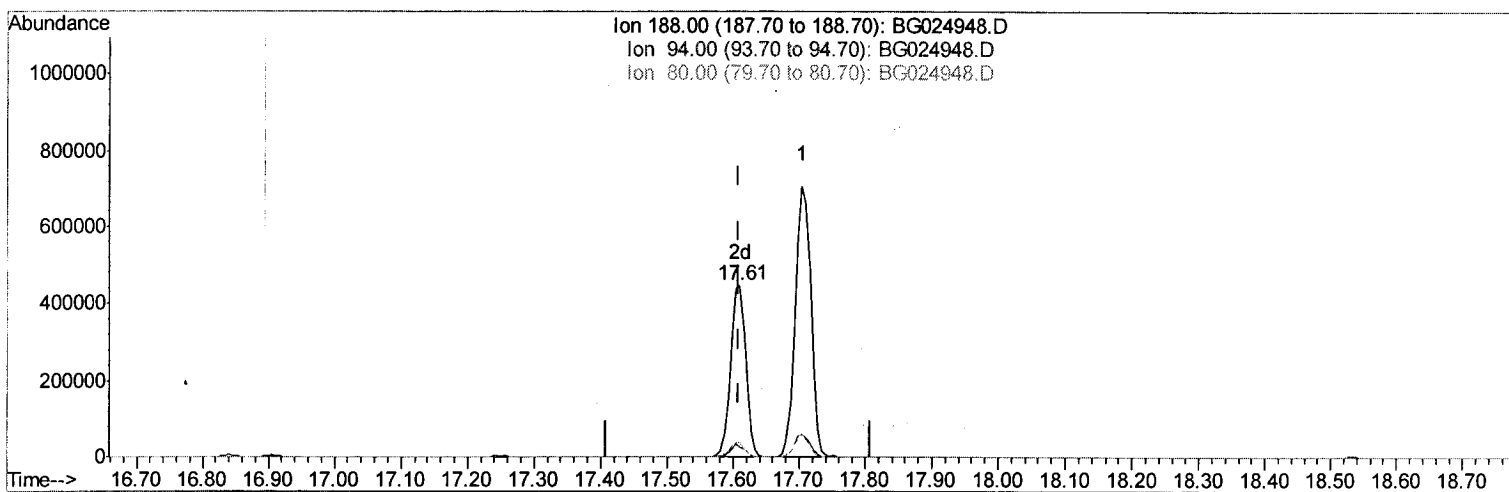
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG113016\
 Data File : BG024948.D
 Acq On : 30 Nov 2016 16:22
 Operator : UM/SJ
 Sample : H5716-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WB4

Manual Integrations
 APPROVED

sohil
 12/1/2016 3:24:03 PM

Quant Time: Dec 01 01:12:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 01:03:36 2016
 Response via : Initial Calibration



TIC: BG024948.D

(61) Phenanthrene-d10 (I)

17.610min (+0.001) 20.00ng/ul m

response 704472

U.M.
 11/03/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	5.77#
80.00	9.50	8.45
0.00	0.00	0.00

Quantitation Report (Qedit)

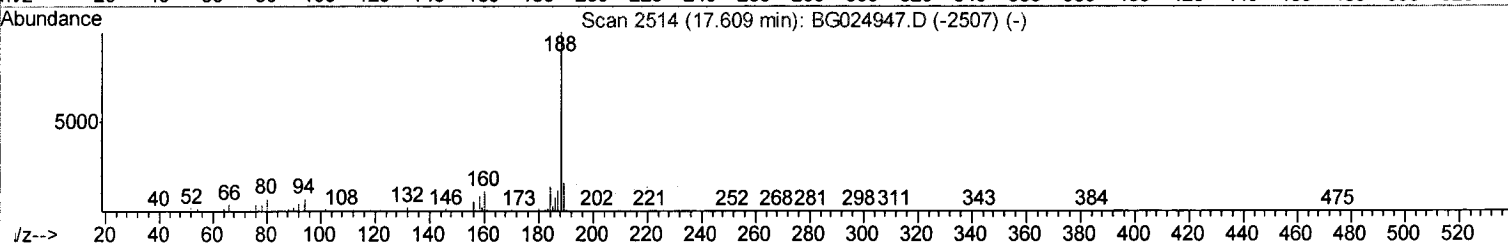
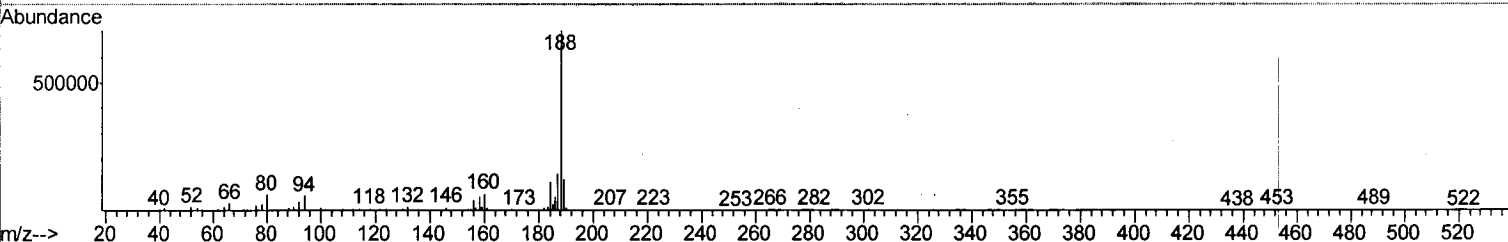
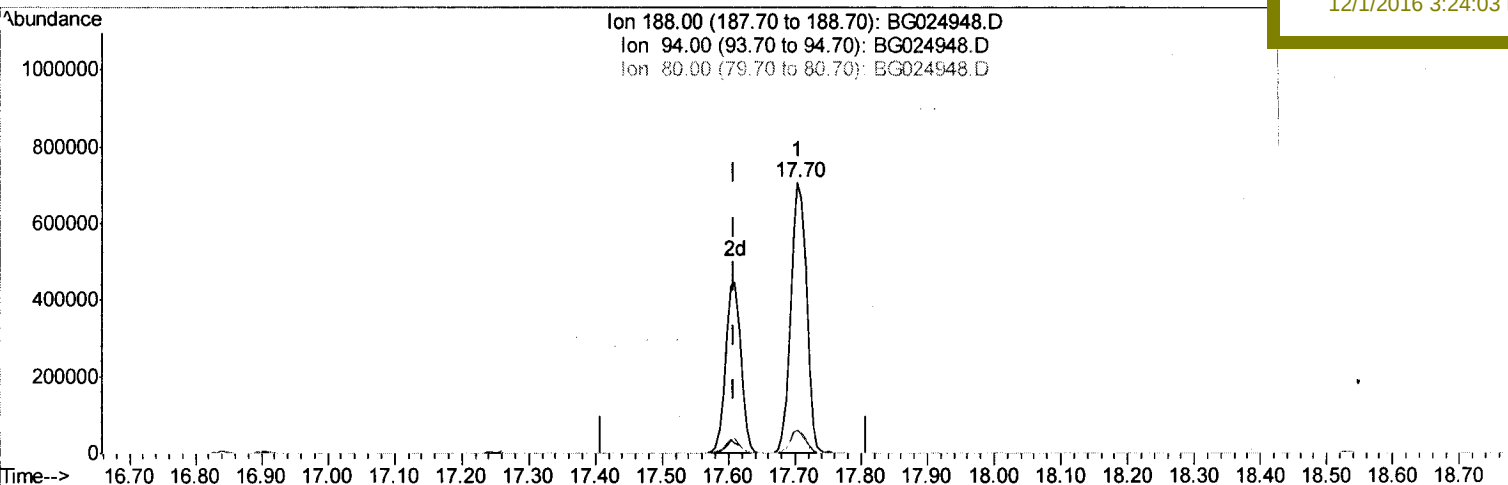
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG113016\
 Data File : BG024948.D
 Acq On : 30 Nov 2016 16:22
 Operator : UM/SJ
 Sample : H5716-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 01 01:12:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 01 01:03:36 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 A4WB4

Manual Integrations
 APPROVED

sohil
 12/1/2016 3:24:03 PM



TIC: BG024948.D

(61) Phenanthrene-d10 (I)

17.704min (+0.095) 20.00ng/ul

response 1148079

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.21
80.00	9.50	8.74
0.00	0.00	0.00