

Quantitation Report (Qedit)

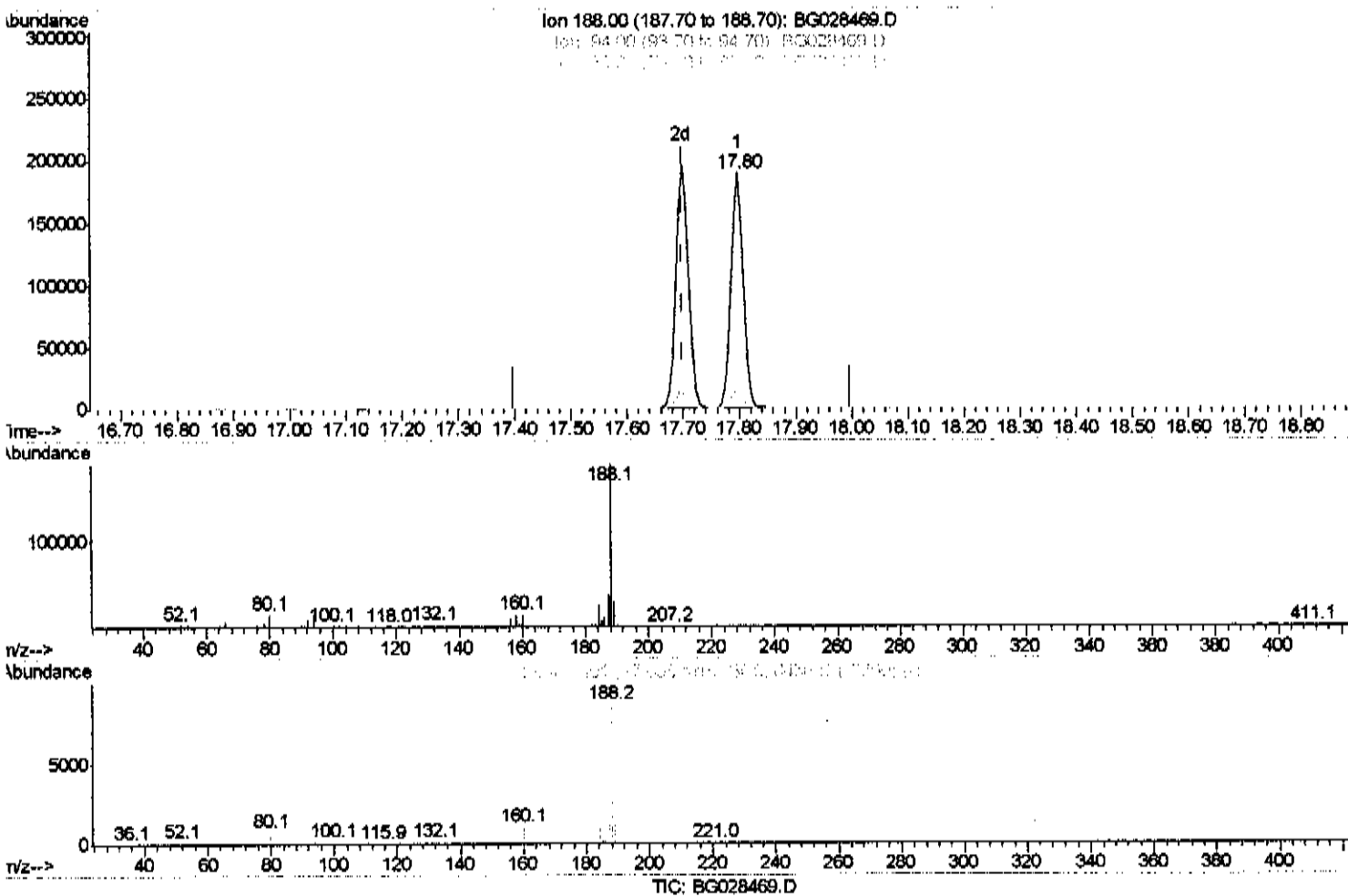
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028469.D
 Acq On : 24 Aug 2017 20:46
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02084

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:48 PM

Quant Time: Aug 25 01:10:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:07:54 2017
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.797min (+0.099) 20.00ng/ul

response 285411

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.56
80.00	9.50	7.77
0.00	0.00	0.00

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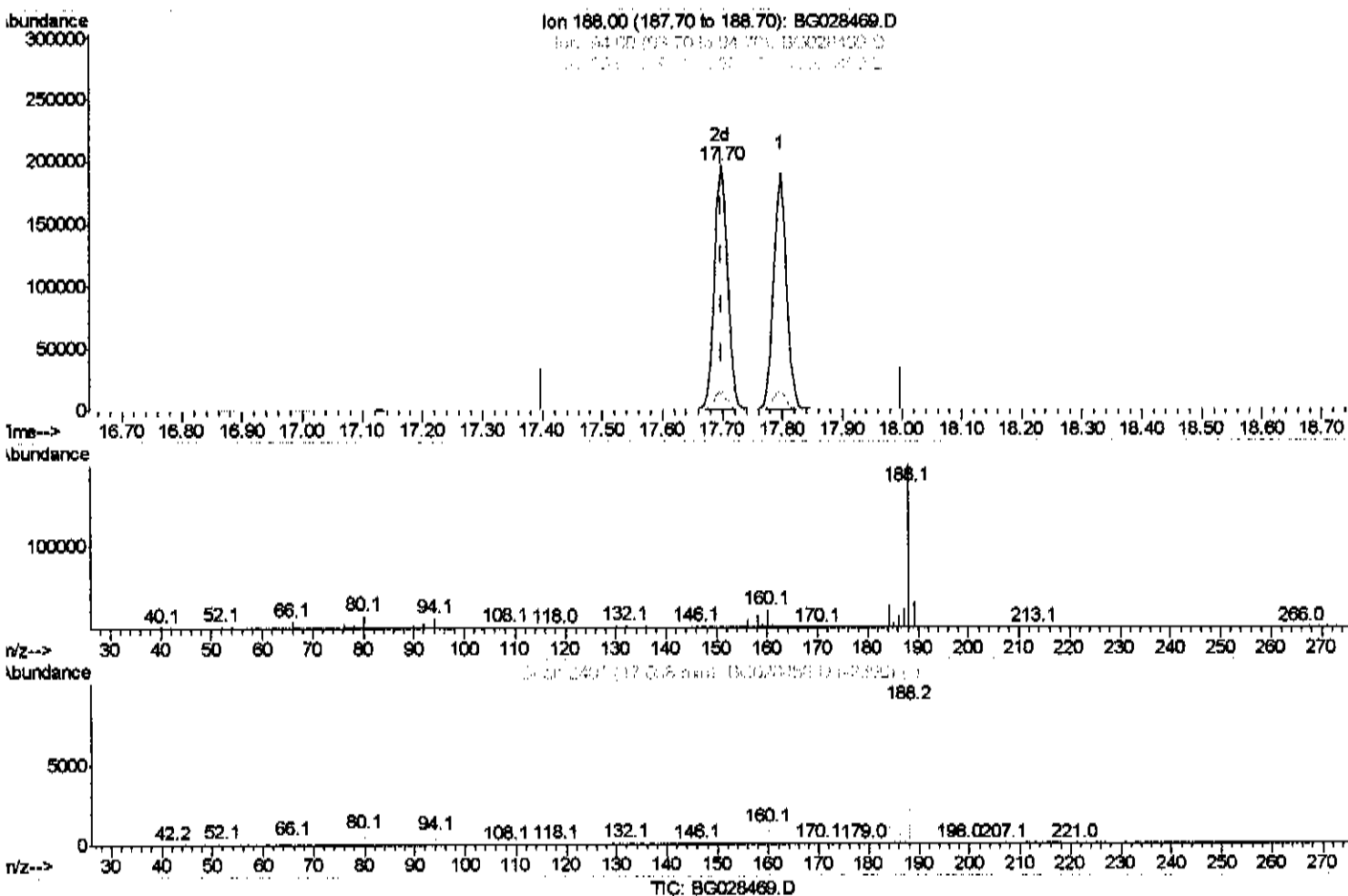
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(61) Phenanthrene-d10 (I)

17.697min (-0.001) 20.00ng/ul m

response 300320

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.44#
80.00	9.50	7.62
0.00	0.00	0.00

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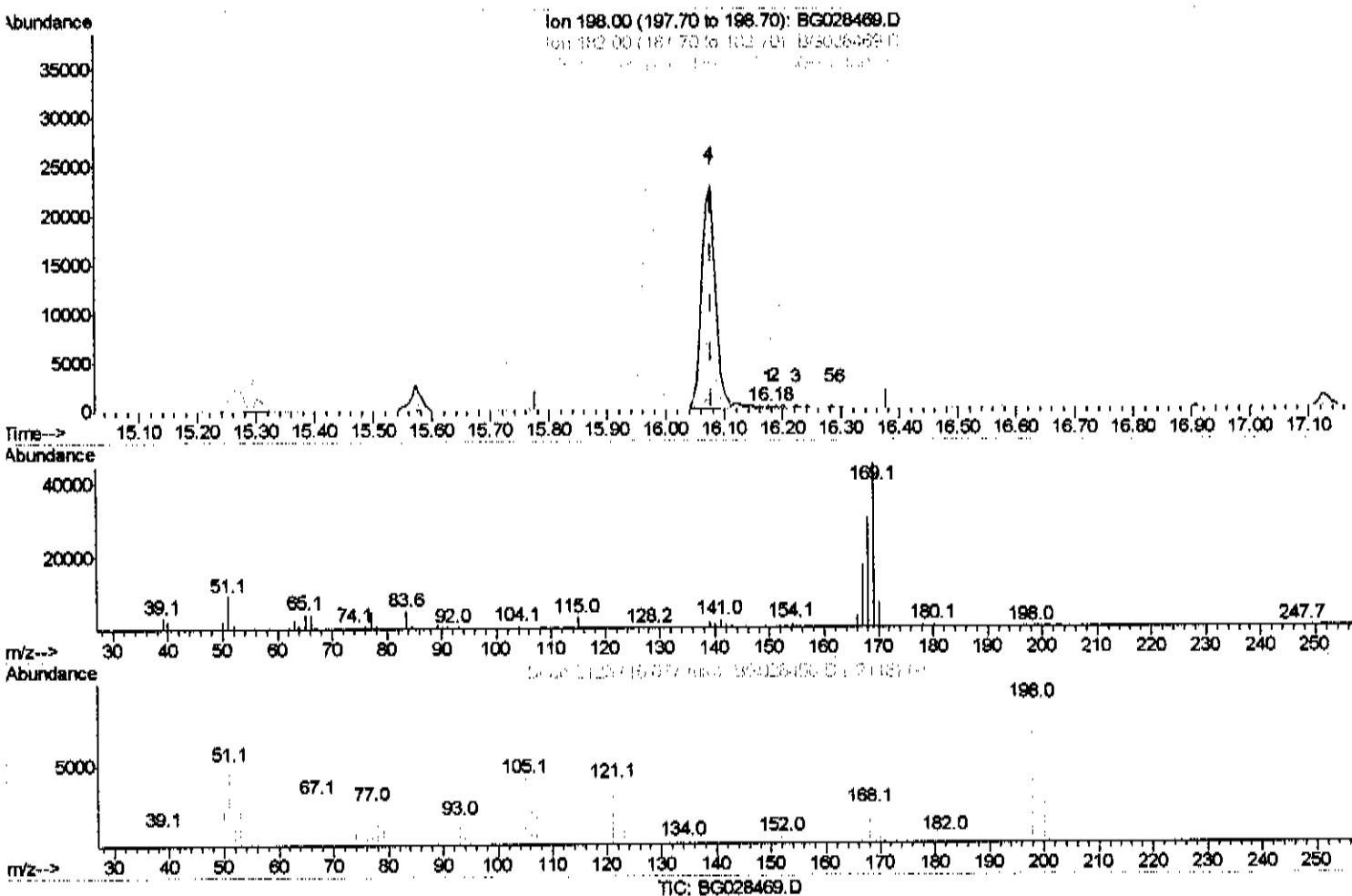
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028469.D
 Acq On : 24 Aug 2017 20:46
 Operator : SJ/JU
 Sample : SSTCCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleID :
 SST02084

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Quant Time: Aug 25 03:03:08 2017
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(63) 4,6-Dinitro-2-methylphenol

16.176min (+0.099) 0.04ng/ul

response 82

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	0.00#
77.00	28.00	2093.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

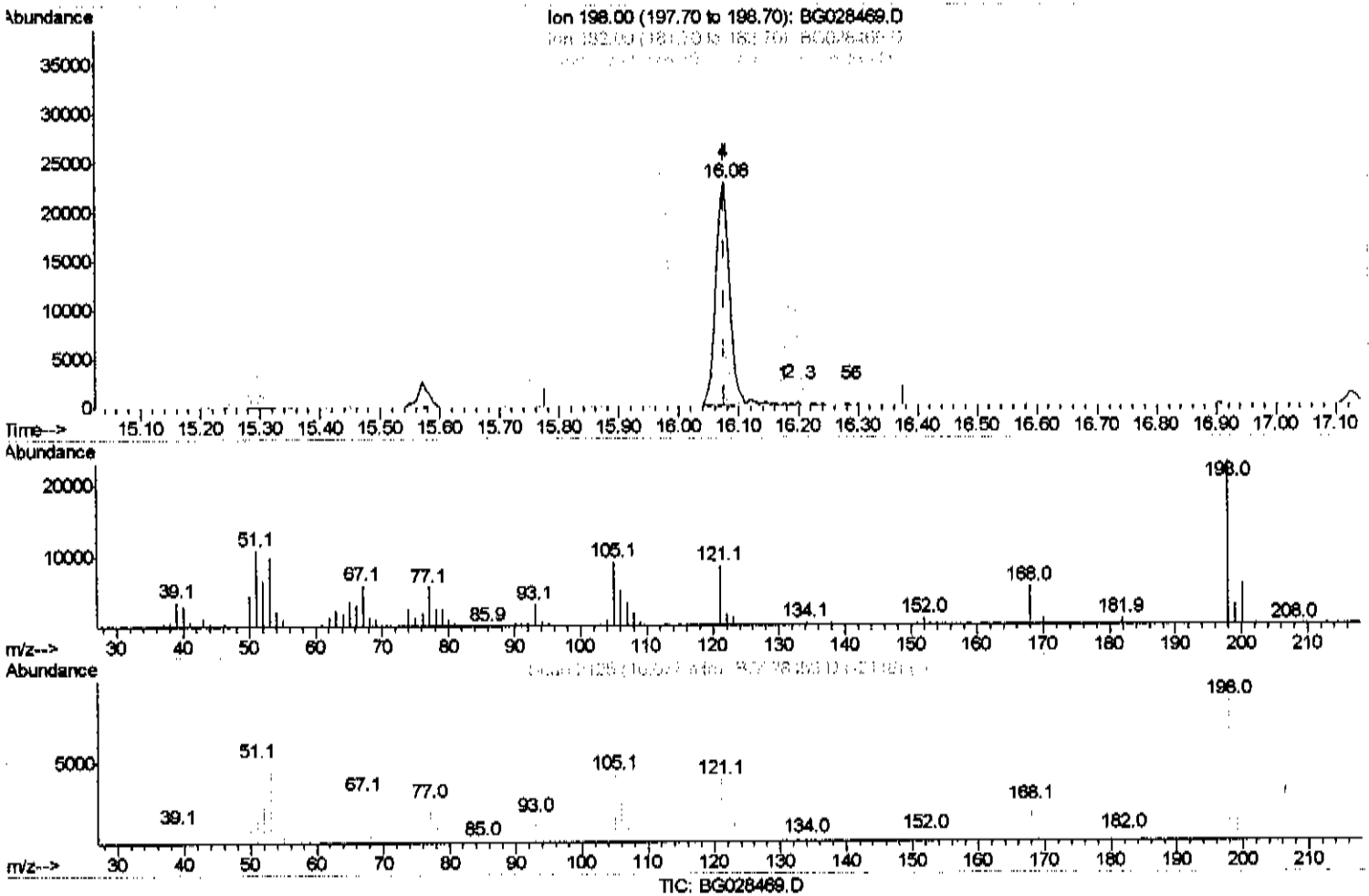
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
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 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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(63) 4,6-Dinitro-2-methylphenol

16.076min (-0.001) 18.47ng/ul m

response 36529

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	4.46%
77.00	28.00	24.93
0.00	0.00	0.00

Quantitation Report (Qedit)

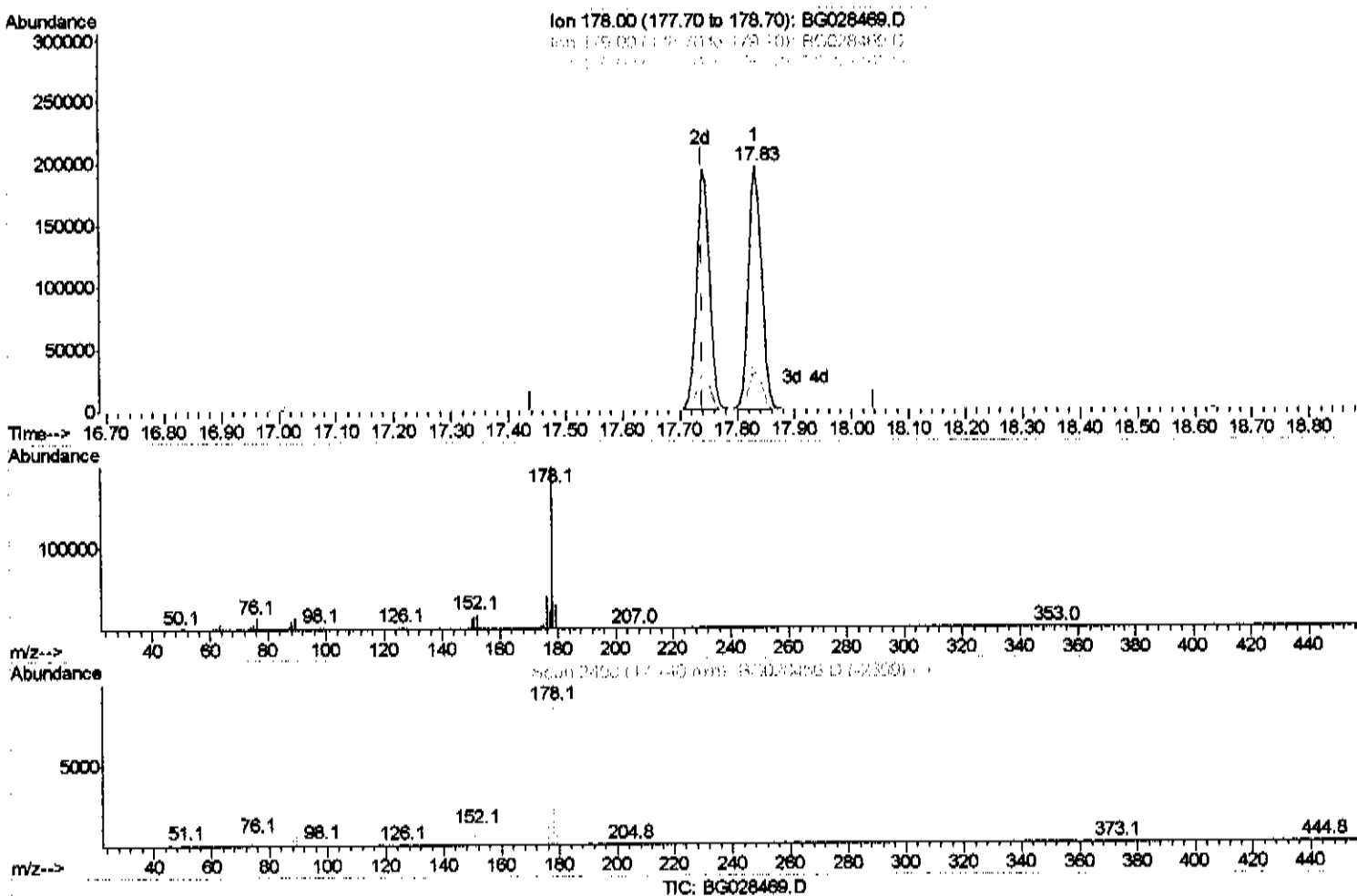
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 Data File : BG028469.D
 Acq On : 24 Aug 2017 20:46
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SSTD02084

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Quant Time: Aug 25 03:03:08 2017
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(69) Phenanthrene

17.832min (+0.093) 20.05ng/ul

response 303076

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.03
176.00	20.60	19.71
0.00	0.00	0.00

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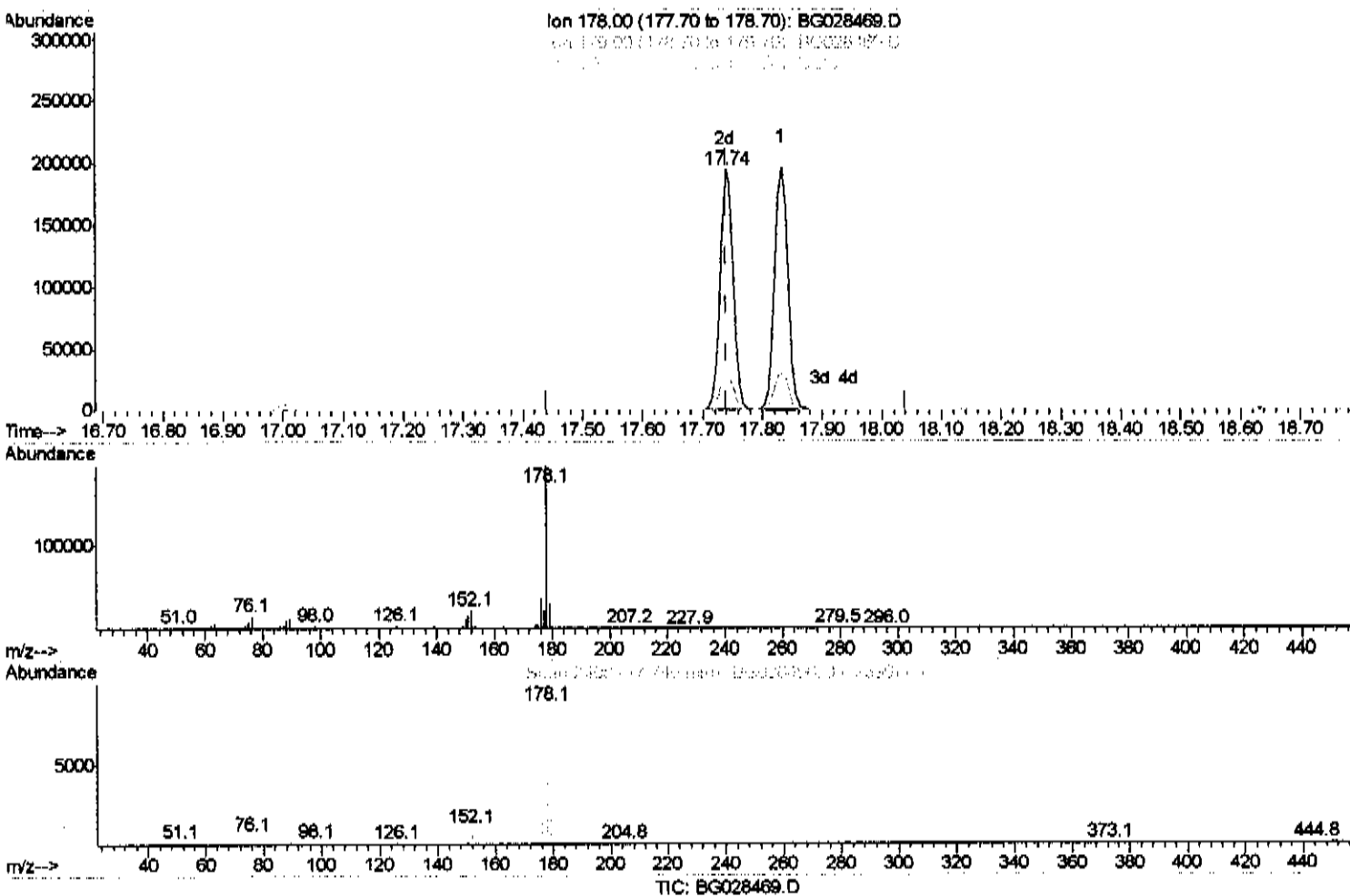
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028469.D
 Acq On : 24 Aug 2017 20:46
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SST02084

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:48 PM

Quant Time: Aug 25 03:03:08 2017
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(69) Phenanthrene

17.738min (-0.001) 19.42ng/ul m

response 293467

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.67
176.00	20.60	18.66
0.00	0.00	0.00

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Instrument :
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LabSampleId :
SSTD02084

Manual Integrations
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Data File : BG028469.D
Acq On : 24 Aug 2017 20:46
Operator : SJ/JU
Sample : SSTDC0020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 25 03:04:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36634	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	153636	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	111960	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	300320m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	368368	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	352667	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.81	96	6303	8.01	ng/uL	0.00
5) Phenol-d5	7.49	99	65613	16.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	41411	16.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	48302	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	54343	16.16	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	25306	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	29765	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	55609	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	66658	21.97	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	196828	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	218042	19.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	30630	19.35	ng/ul	0.00
57) Fluorene-d10	15.93	176	174400	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	38576	19.77	ng/ul	0.00
70) Anthracene-d10	17.80	188	285411	19.82	ng/ul	0.00
76) Pyrene-d10	20.07	212	333666	17.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	324376	19.65	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.86	88	7305	8.841	ng/uL# 85
4) Benzaldehyde	7.48	77	43246	18.599	ng/ul 88
6) Phenol	7.52	94	67262	16.822	ng/ul 90
8) Bis(2-Chloroethyl)ether	7.74	93	45375	16.659	ng/ul# 91
10) 2-Chlorophenol	7.90	128	44846	18.131	ng/ul 99
11) 2-Methylphenol	8.77	108	46532	16.486	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.85	45	95473	14.439	ng/ul# 95
14) Acetophenone	9.15	105	78106	16.286	ng/ul# 89
15) N-Nitroso-di-n-propylamine	9.13	70	44223	16.225	ng/ul 87
16) 4-Methylphenol	9.10	108	52429	16.451	ng/ul 93
17) Hexachloroethane	9.42	117	19885	19.401	ng/ul 88
20) Nitrobenzene	9.55	77	65765	18.910	ng/ul 96
21) Isophorone	10.07	82	119882	18.144	ng/ul 99
23) 2-Nitrophenol	10.26	139	28261	21.253	ng/ul# 76
24) 2,4-Dimethylphenol	10.31	107	64647	19.559	ng/ul 93
25) Bis(2-Chloroethoxy)methane	10.54	93	65972	18.331	ng/ul# 90
27) 2,4-Dichlorophenol	10.80	162	49929	20.125	ng/ul 92
28) Naphthalene	11.21	128	150186	19.737	ng/ul# 96
30) 4-Chloroaniline	11.32	127	62343	21.201	ng/ul 96
31) Hexachlorobutadiene	11.48	225	38847	21.213	ng/ul 94
32) Caprolactam	12.06	113	22665	21.970	ng/ul 94
33) 4-Chloro-3-methylphenol	12.42	107	62685	19.795	ng/ul 98
34) 2-Methylnaphthalene	12.79	142	119608	19.570	ng/ul 98

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Internal Standards	R.T.	QION	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	73254	20.299	ng/ul#	93
37) Hexachlorocyclopentadiene	13.13	237	27749	13.935	ng/ul	95
38) 2,4,6-Trichlorophenol	13.39	196	50624	22.507	ng/ul	92
39) 2,4,5-Trichlorophenol	13.47	196	54787	22.347	ng/ul	95
40) 1,1'-Biphenyl	13.78	154	154623	18.909	ng/ul	97
41) 2-Chloronaphthalene	13.83	162	120237	18.607	ng/ul	94
42) 2-Nitroaniline	14.03	65	51968	19.181	ng/ul	94
44) Dimethylphthalate	14.38	163	175738	19.167	ng/ul#	99
45) 2,6-Dinitrotoluene	14.52	165	38767	20.478	ng/ul#	90
47) Acenaphthylene	14.67	152	209459	19.522	ng/ul	98
48) 3-Nitroaniline	14.85	138	35007	20.536	ng/ul#	97
49) Acenaphthene	15.01	153	138545	19.138	ng/ul	93
50) 2,4-Dinitrophenol	15.07	184	15359	14.400	ng/ul#	79
52) 4-Nitrophenol	15.16	109	30805	18.777	ng/ul	87
53) Dibenzofuran	15.34	168	204567	19.381	ng/ul	98
54) 2,4-Dinitrotoluene	15.31	165	58703	20.461	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.57	232	52408	22.953	ng/ul	95
56) Diethylphthalate	15.73	149	204797	19.040	ng/ul	98
58) Fluorene	15.99	166	183668	19.655	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.98	204	97814	19.510	ng/ul#	84
60) 4-Nitroaniline	16.02	138	40266	19.910	ng/ul	80
63) 4,6-Dinitro-2-methylphenol	16.08	198	36529m	18.466	ng/ul	95
64) N-Nitrosodiphenylamine	16.19	169	154872	19.602	ng/ul	95
65) 4-Bromophenyl-phenylether	16.87	248	66428	20.580	ng/ul	93
66) Hexachlorobenzene	17.00	284	73340	21.343	ng/ul	96
67) Atrazine	17.13	200	72778	21.128	ng/ul	97
68) Pentachlorophenol	17.35	266	33023	18.973	ng/ul	96
69) Phenanthrene	17.74	178	293467m	19.417	ng/ul	99
71) Anthracene	17.83	178	303076	19.621	ng/ul	99
72) Carbazole	18.10	167	268261	19.969	ng/ul	99
73) Di-n-butylphthalate	18.63	149	342416	20.476	ng/ul	97
74) Fluoranthene	19.74	202	372187	20.263	ng/ul	99
77) Pvrene	20.10	202	390858	17.785	ng/ul	98
78) Butylbenzylphthalate	20.96	149	158380	19.236	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.90	252	147452	20.748	ng/ul	95
80) Benzo(a)anthracene	22.00	228	419832	19.725	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.86	149	226320	19.328	ng/ul	95
82) Chrysene	22.07	228	372650	19.441	ng/ul	98
84) Di-n-octyl phthalate	23.16	149	391632	18.530	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	408769	19.369	ng/ul	99
86) Benzo(k)fluoranthene	24.48	252	408036	19.794	ng/ul	97
88) Benzo(a)pyrene	25.36	252	392474	19.207	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	29.55	276	471984	19.725	ng/ul	97
90) Dibenzo(a,h)anthracene	29.61	278	389746	19.433	ng/ul	94
91) Benzo(a,h,i)perylene	30.81	276	376325	19.117	ng/ul	97

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