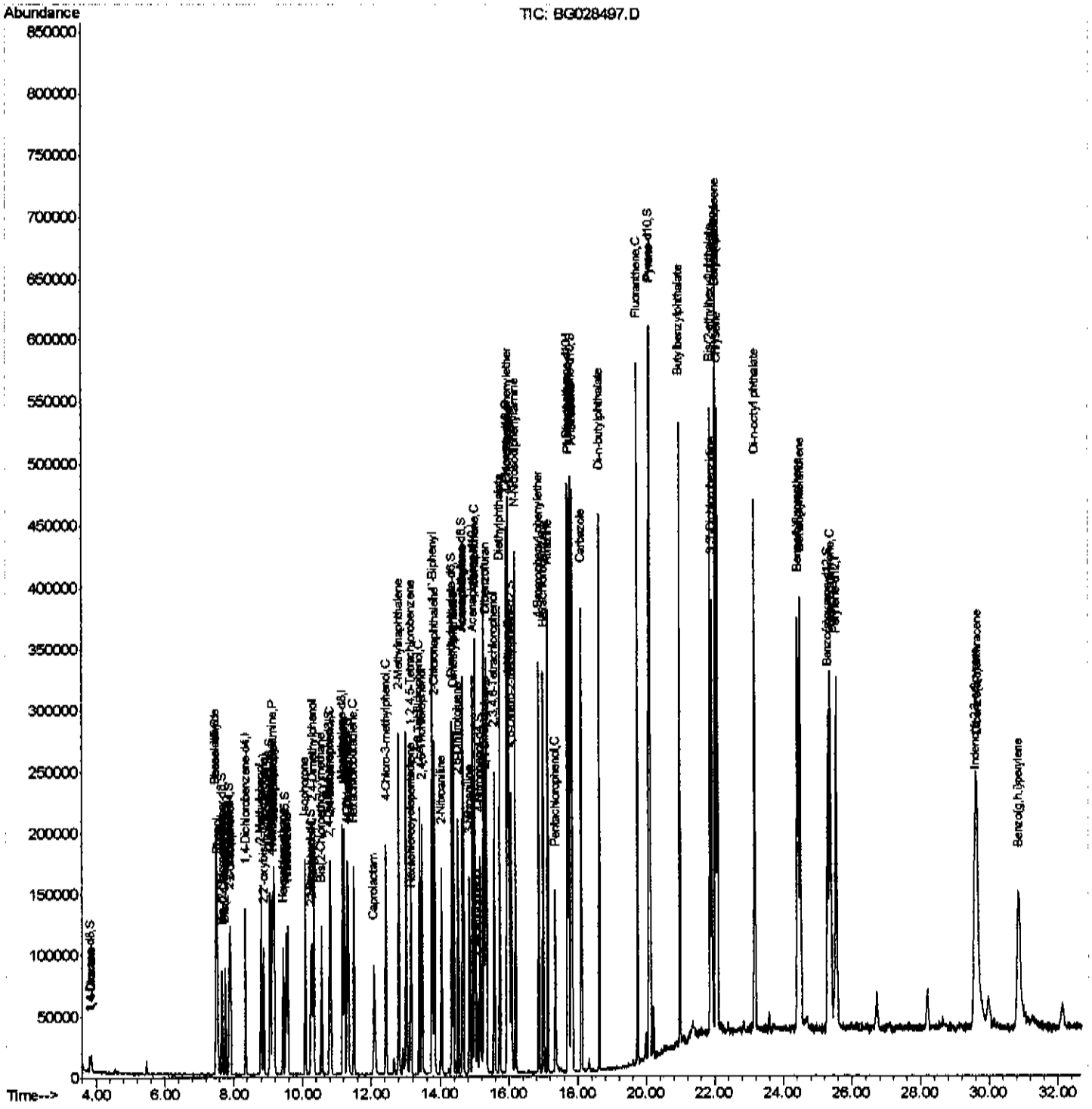
Instrument :
BNA_G
LabSampleId :
SSTD02087

Manual Integrations APPROVED
Sohil
8/28/2017 3:16:45 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
Data File : BG028497.D
Acq On : 25 Aug 2017 19:02
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 26 01:50:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 23:11:18 2017
Response via : Initial Calibration



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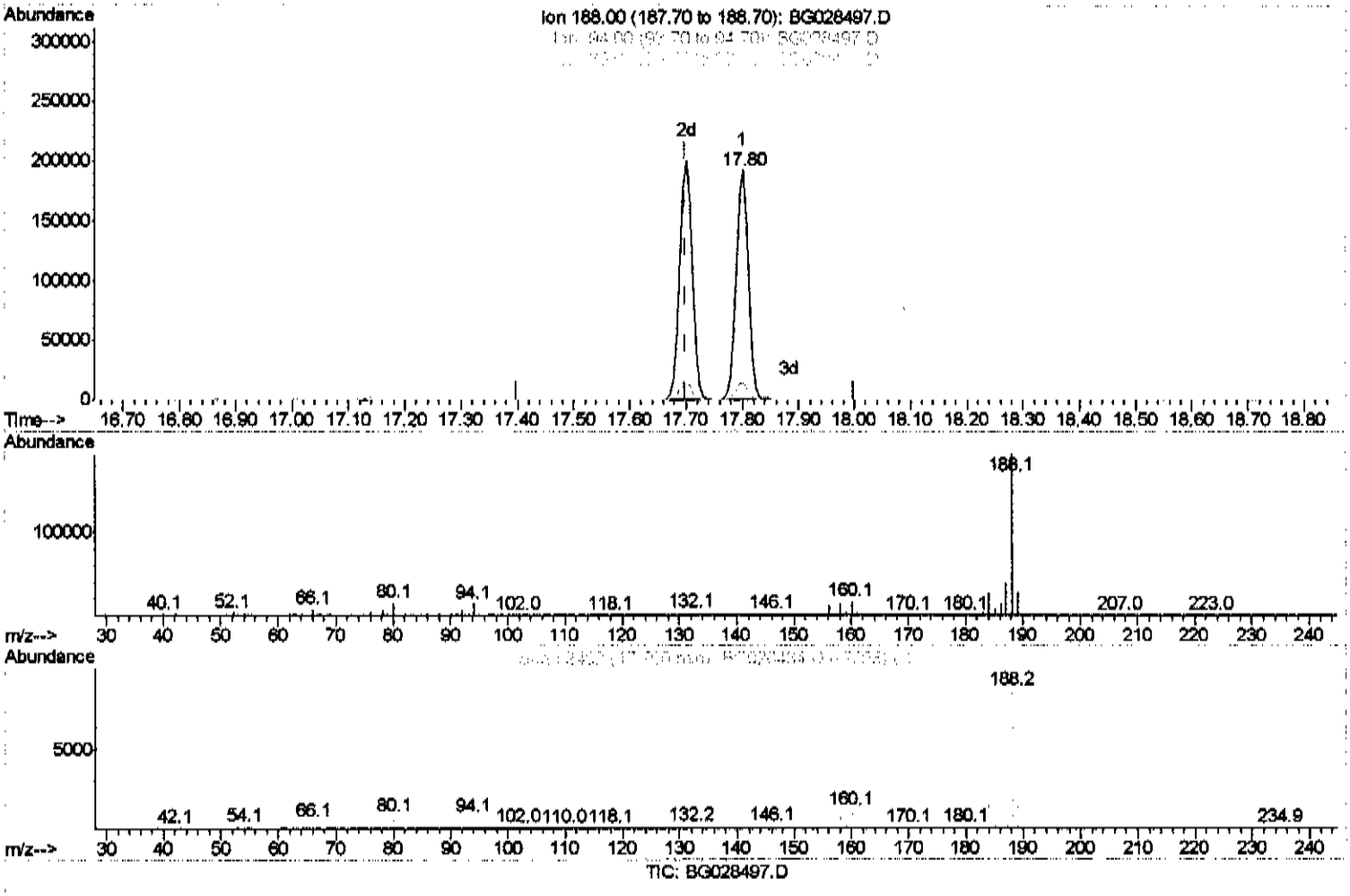

(61) Phenanthrene-d10 (I)

17.801min (+0.101) 20.00ng/ul

response 294727

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.43
80.00	9.50	7.88
0.00	0.00	0.00

Instrument :
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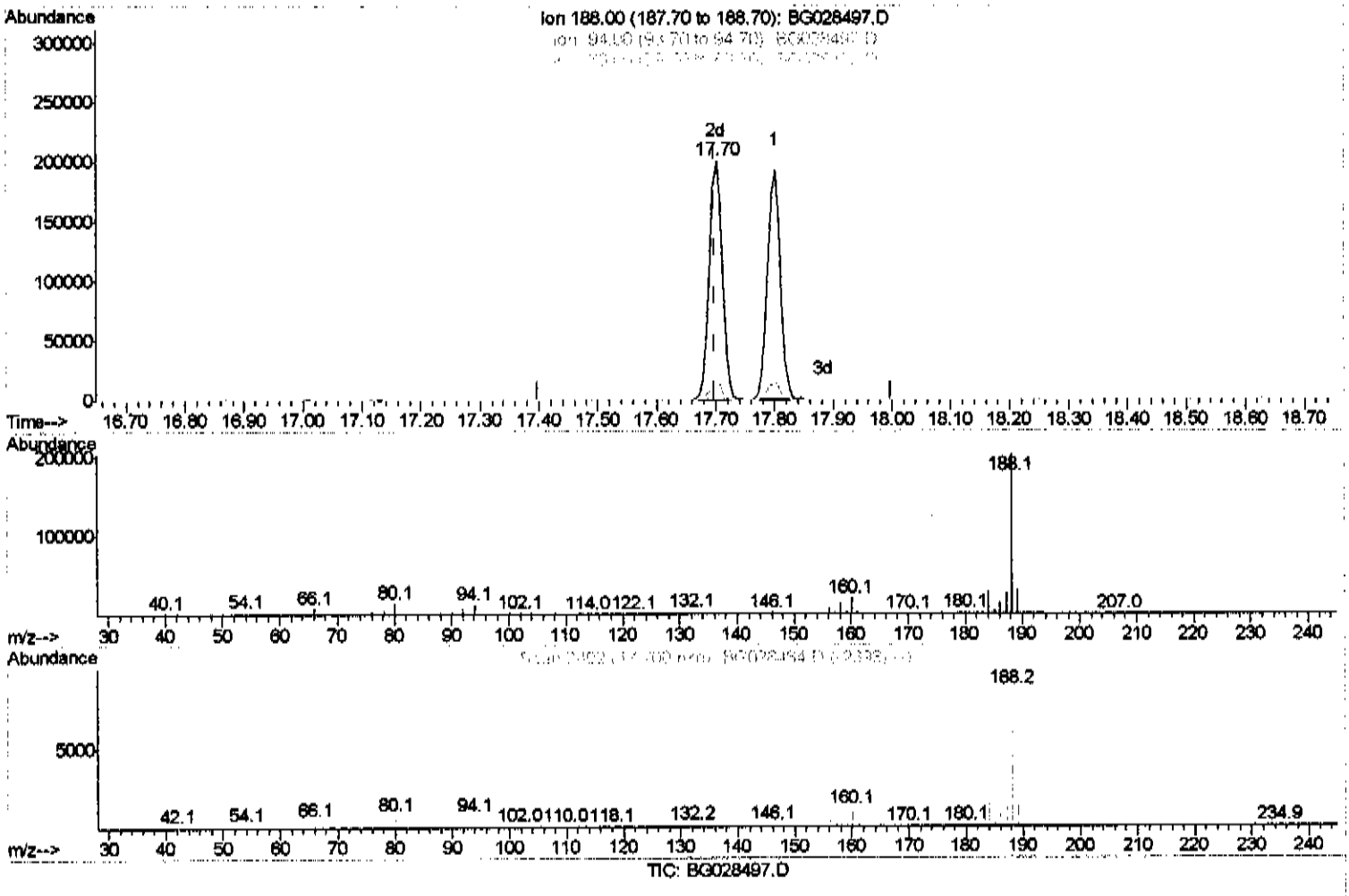

(61) Phenanthrene-d10 (I)

17.701min (+0.001) 20.00ng/ul m

response 310870

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.32#
80.00	9.50	7.42#
0.00	0.00	0.00

Instrument :
BNA_G
LabSampleId :
SSTD02087

Manual Integrations APPROVED
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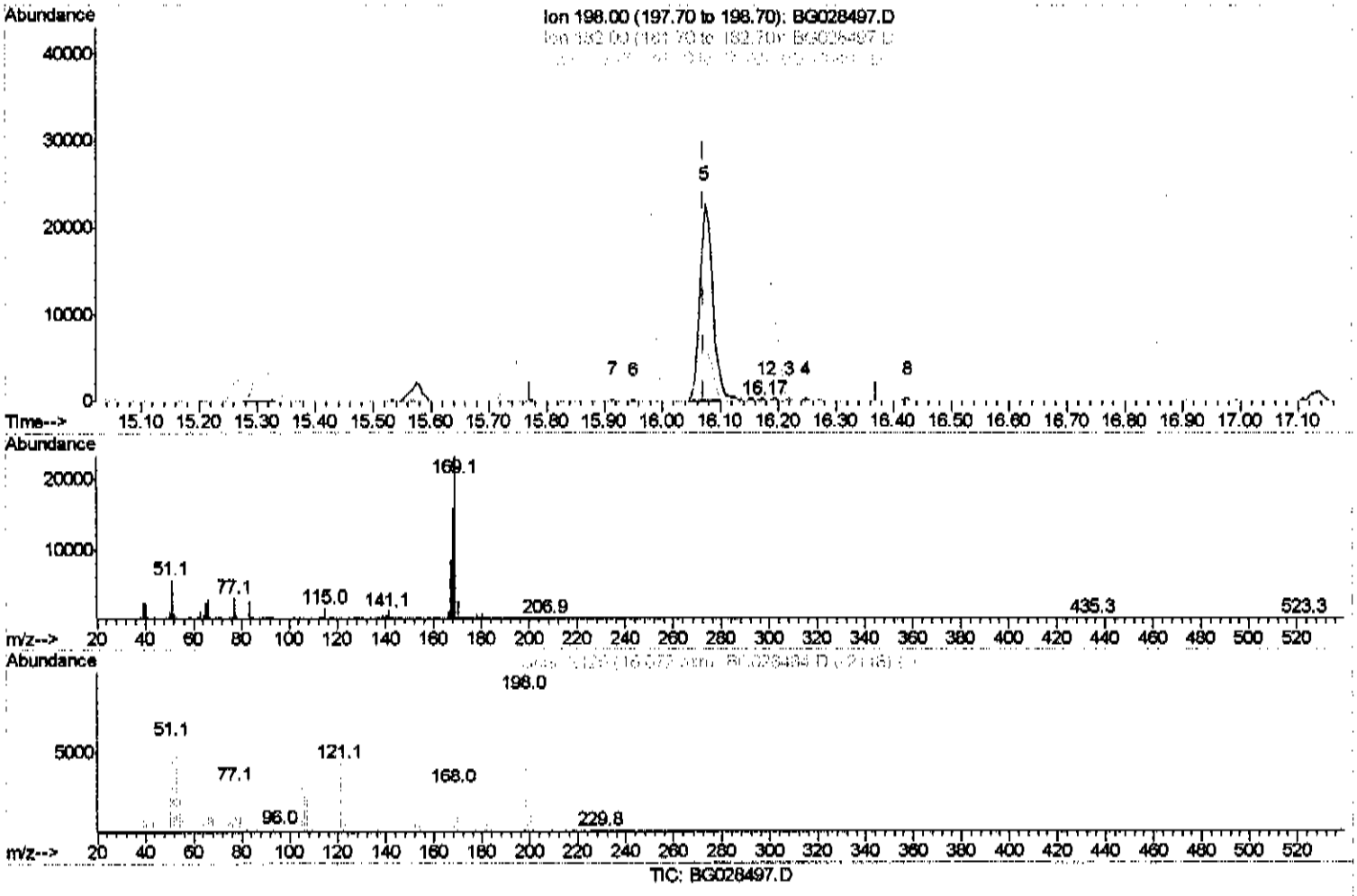

TIC: BG028497.D

(63) 4,6-Dinitro-2-methylphenol

16.173min (+0.101) 0.07ng/ul

response 143

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	0.00#
77.00	28.00	1320.25#
0.00	0.00	0.00

Instrument :
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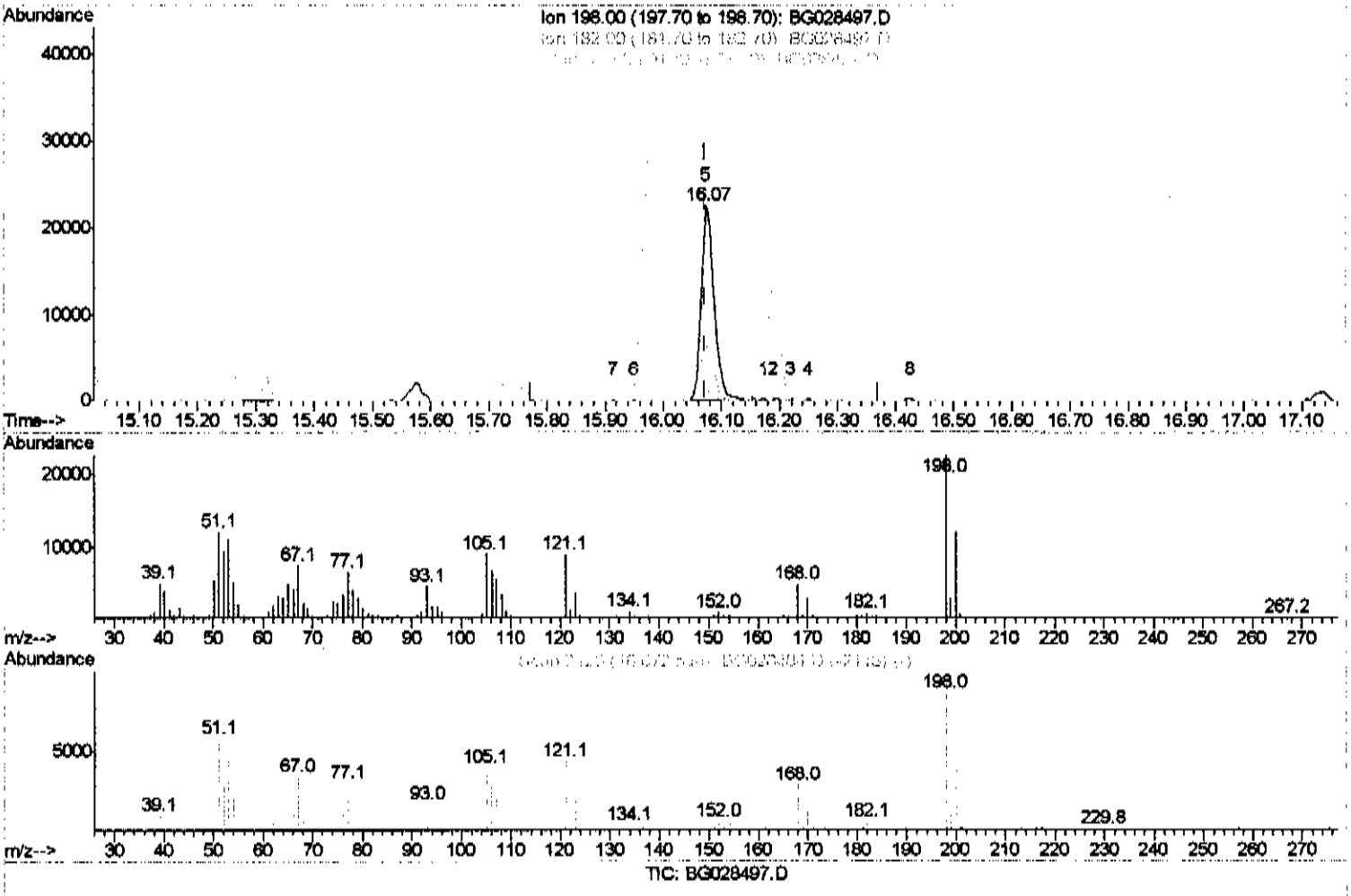

(63) 4,6-Dinitro-2-methylphenol

16.073min (+0.001) 17.16ng/ul m

response 35147

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	3.72#
77.00	28.00	29.02
0.00	0.00	0.00

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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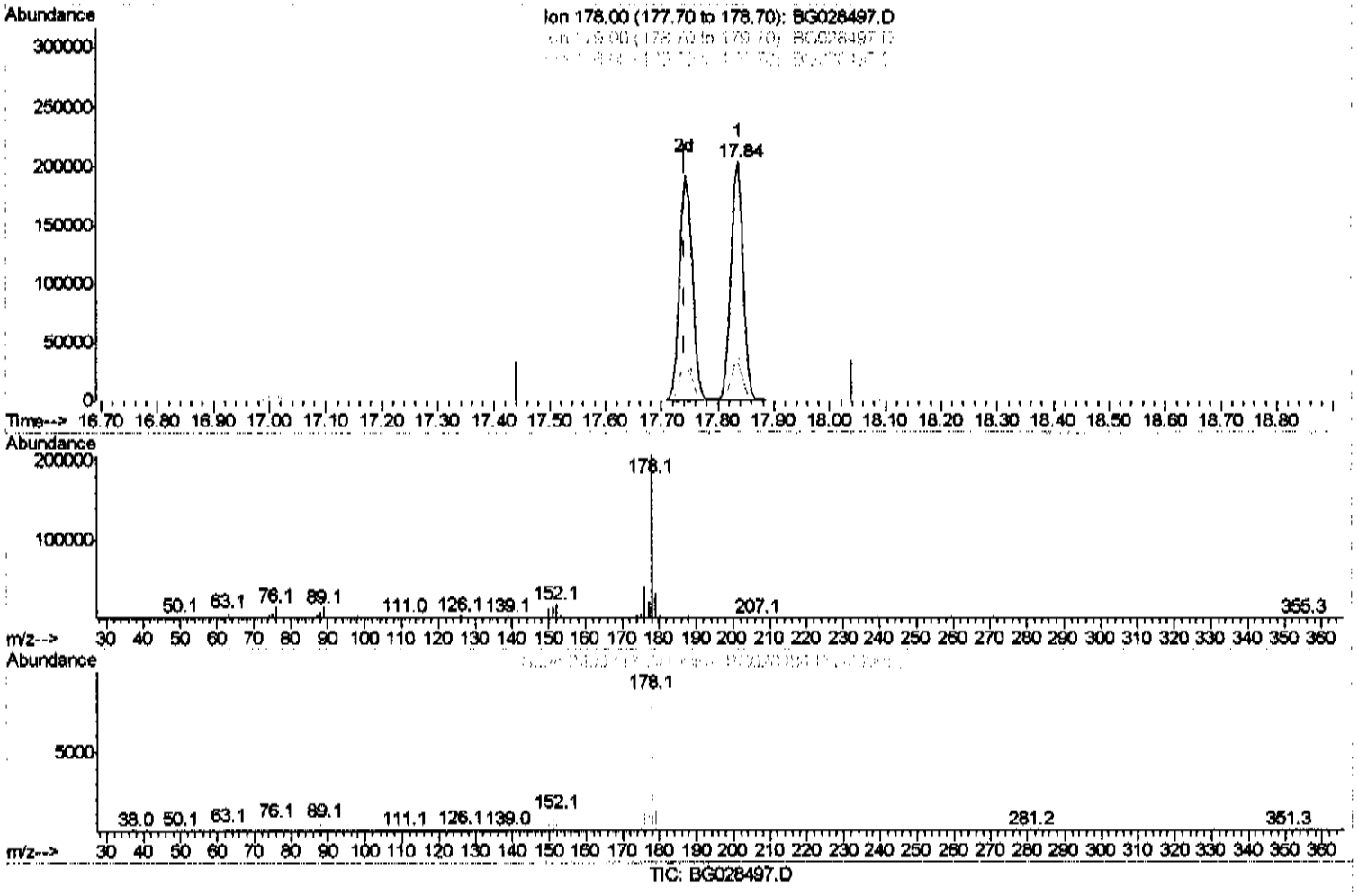

(69) Phenanthrene

17.836min (+0.095) 19.98ng/ul

response 312506

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.76
176.00	20.60	18.95
0.00	0.00	0.00

Instrument :
BNA_G
LabSampleId :
SSTD02087

Manual Integrations APPROVED
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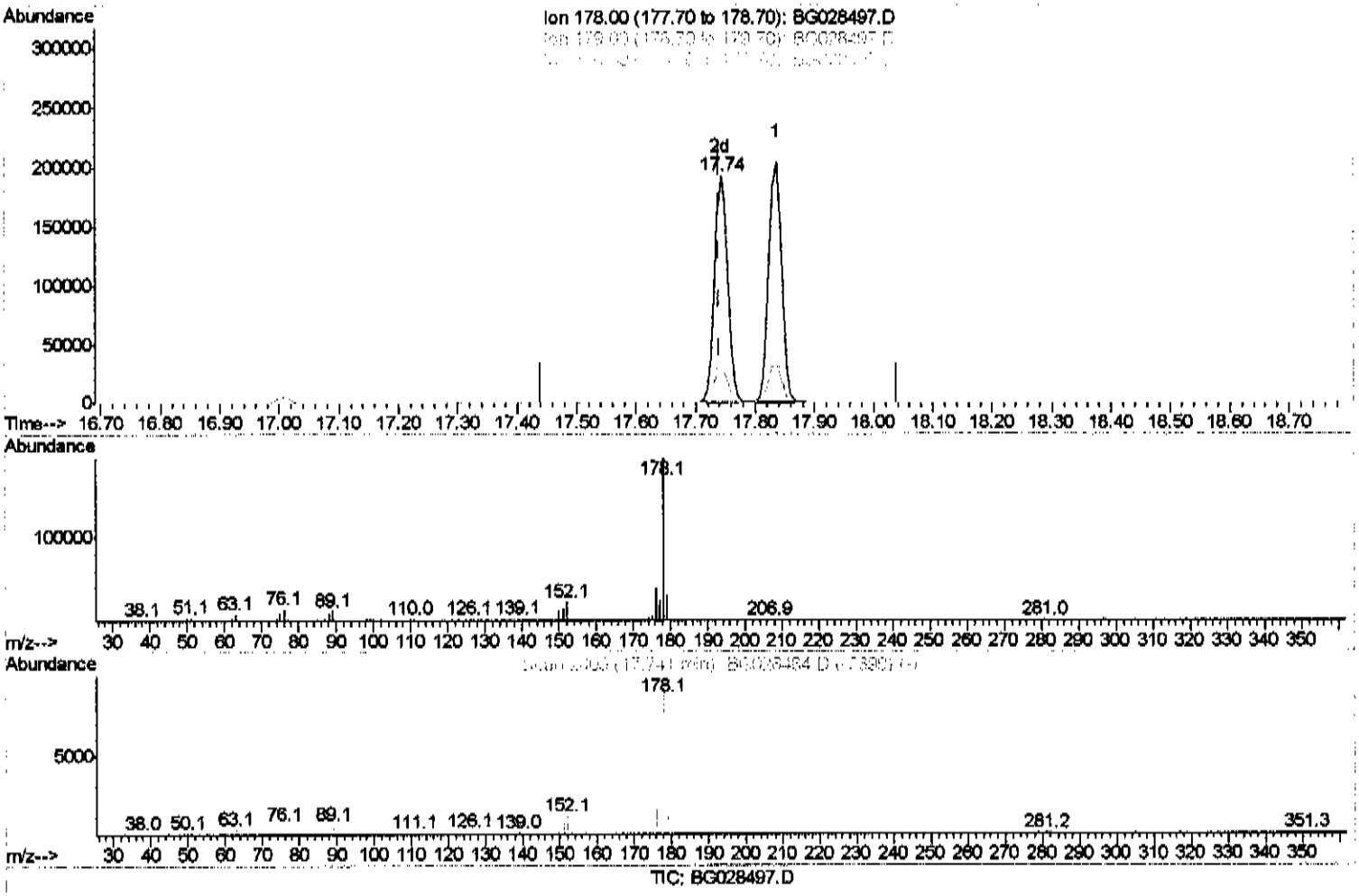

TIC: BG028497.D

(69) Phenanthrene

17.742min (+0.001) 19.25ng/ul m 8/28/17

response 301186

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.85
176.00	20.60	20.09
0.00	0.00	0.00

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36361	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	167371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	120335	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	310870m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	363326	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	343349	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	6280	8.04	ng/uL	0.00
5) Phenol-d5	7.49	99	69189	17.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	42821	16.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	49048	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	57634	17.27	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	25660	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	31080	21.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	60309	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	72582	21.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	203050	18.97	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	239935	19.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	29663	17.43	ng/ul	0.00
57) Fluorene-d10	15.94	176	186037	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	35949	17.80	ng/ul	0.00
70) Anthracene-d10	17.80	188	294727	19.77	ng/ul	0.00
76) Pyrene-d10	20.07	212	334593	17.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	320569	19.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.85	88	6616	8.067	ng/uL#	77
4) Benzaldehyde	7.48	77	44298	19.195	ng/ul	87
6) Phenol	7.52	94	70798	17.839	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.75	93	47190	17.455	ng/ul	99
10) 2-Chlorophenol	7.91	128	49050	19.980	ng/ul	90
11) 2-Methylphenol	8.78	108	51466	18.371	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.86	45	99323	15.134	ng/ul	98
14) Acetophenone	9.16	105	83571	17.557	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.13	70	44725	16.532	ng/ul#	90
16) 4-Methylphenol	9.10	108	56177	17.760	ng/ul	96
17) Hexachloroethane	9.42	117	22174	21.797	ng/ul	87
20) Nitrobenzene	9.55	77	69724	18.403	ng/ul	93
21) Isophorone	10.06	82	127874	17.766	ng/ul	98
23) 2-Nitrophenol	10.26	139	30549	21.088	ng/ul	92
24) 2,4-Dimethylphenol	10.31	107	69326	19.253	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.54	93	70212	17.908	ng/ul#	91
27) 2,4-Dichlorophenol	10.80	162	56102	20.758	ng/ul	99
28) Naphthalene	11.21	128	163707	19.749	ng/ul	97
30) 4-Chloroaniline	11.31	127	67212	20.981	ng/ul	90
31) Hexachlorobutadiene	11.48	225	41909	21.007	ng/ul#	88
32) Caprolactam	12.07	113	21693	19.302	ng/ul	91
33) 4-Chloro-3-methylphenol	12.42	107	67507	19.568	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	130830	19.649	ng/ul	93

JLA 8/28/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	81534	21.021 ng/ul	95
37) Hexachlorocyclopentadiene	13.13	237	27565	12.879 ng/ul	98
38) 2,4,6-Trichlorophenol	13.39	196	57092	23.616 ng/ul	93
39) 2,4,5-Trichlorophenol	13.47	196	60293	22.881 ng/ul	94
40) 1,1'-Biphenyl	13.78	154	172255	19.600 ng/ul	98
41) 2-Chloronaphthalene	13.83	162	136680	19.679 ng/ul	97
42) 2-Nitroaniline	14.03	65	56262	19.321 ng/ul	95
44) Dimethylphthalate	14.39	163	182063	18.475 ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	42352	20.815 ng/ul#	90
47) Acenaphthylene	14.67	152	227324	19.712 ng/ul	98
48) 3-Nitroaniline	14.85	138	37544	20.492 ng/ul#	99
49) Acenaphthene	15.02	153	152473	19.596 ng/ul	95
50) 2,4-Dinitrophenol	15.07	184	16672	14.543 ng/ul#	76
52) 4-Nitrophenol	15.16	109	31284	17.742 ng/ul	83
53) Dibenzofuran	15.34	168	226149	19.934 ng/ul	99
54) 2,4-Dinitrotoluene	15.31	165	63332	20.539 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.57	232	56643	23.081 ng/ul	96
56) Diethylphthalate	15.74	149	209700	18.139 ng/ul	99
58) Fluorene	16.00	166	191905	19.107 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.97	204	105150	19.513 ng/ul	85
60) 4-Nitroaniline	16.01	138	39536	18.189 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	16.07	198	35147m	> 17.164 ng/ul	>
64) N-Nitrosodiphenylamine	16.19	169	164488	20.112 ng/ul	95
65) 4-Bromophenyl-phenylether	16.87	248	73598	22.027 ng/ul	98
66) Hexachlorobenzene	17.01	284	76407	21.481 ng/ul	95
67) Atrazine	17.13	200	71114	19.944 ng/ul	95
68) Pentachlorophenol	17.35	266	32731	18.167 ng/ul	95
69) Phenanthrene	17.74	178	301186m	> 19.252 ng/ul	>
71) Anthracene	17.84	178	312506	19.544 ng/ul	99
72) Carbazole	18.11	167	268482	19.307 ng/ul	99
73) Di-n-butylphthalate	18.63	149	332562	19.211 ng/ul	98
74) Fluoranthene	19.74	202	371116	19.519 ng/ul	99
77) Pyrene	20.10	202	390941	18.035 ng/ul	97
78) Butylbenzylphthalate	20.97	149	156863	19.317 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	148409	21.172 ng/ul	100
80) Benzo(a)anthracene	22.01	228	408850	19.476 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.87	149	219385	18.996 ng/ul	99
82) Chrysene	22.08	228	363903	19.248 ng/ul	98
84) Di-n-octyl phthalate	23.16	149	375013	18.226 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	396118	19.279 ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	398553	19.858 ng/ul	97
88) Benzo(a)pyrene	25.37	252	387017	19.454 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.57	276	455582	19.556 ng/ul	99
90) Dibenzo(a,h)anthracene	29.63	278	376067	19.260 ng/ul	94
91) Benzo(g,h,i)perylene	30.84	276	338845	17.680 ng/ul	97

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