Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111716\
Data File : BG024823.D
Acq On : 17 Nov 2016 9:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 00:29:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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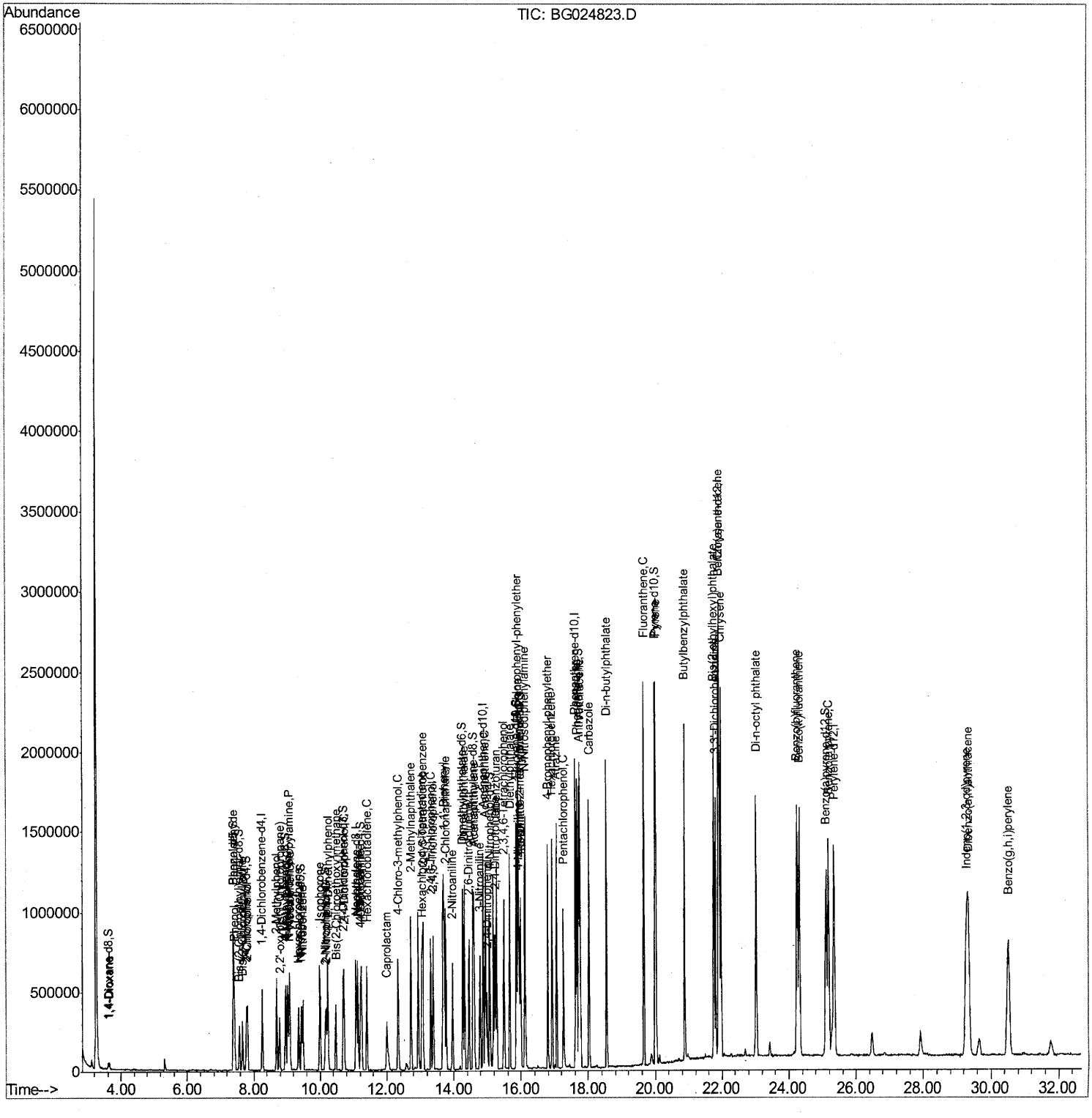

Quantitation Report (Qedit)

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Data File : BG024823.D
Acq On : 17 Nov 2016 9:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
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Quant Time: Nov 18 00:27:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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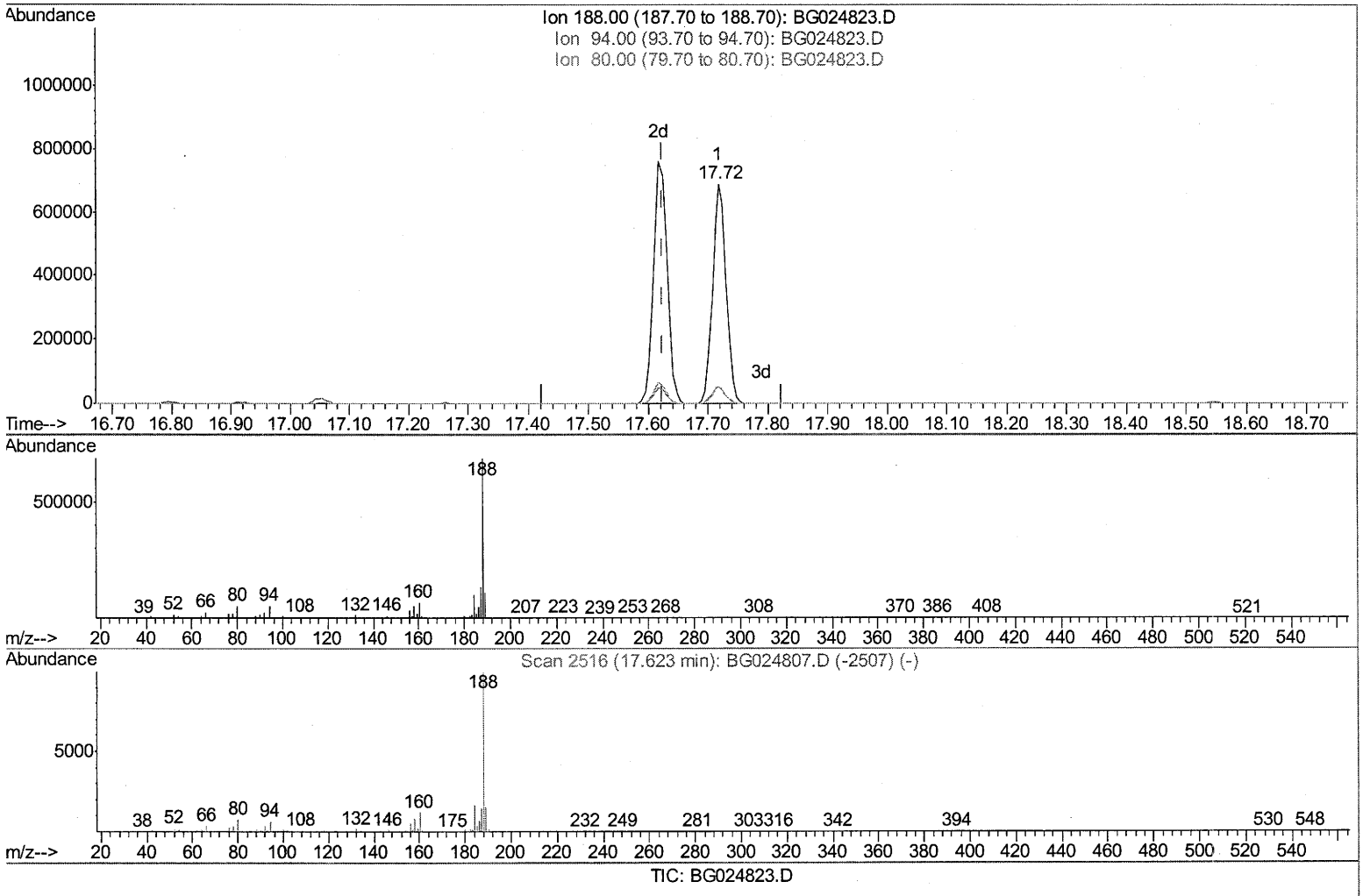

TIC: BG024823.D

(61) Phenanthrene-d10 (I)

17.718min (+0.095) 20.00ng/ul

response 1082925

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.69
80.00	9.50	7.73
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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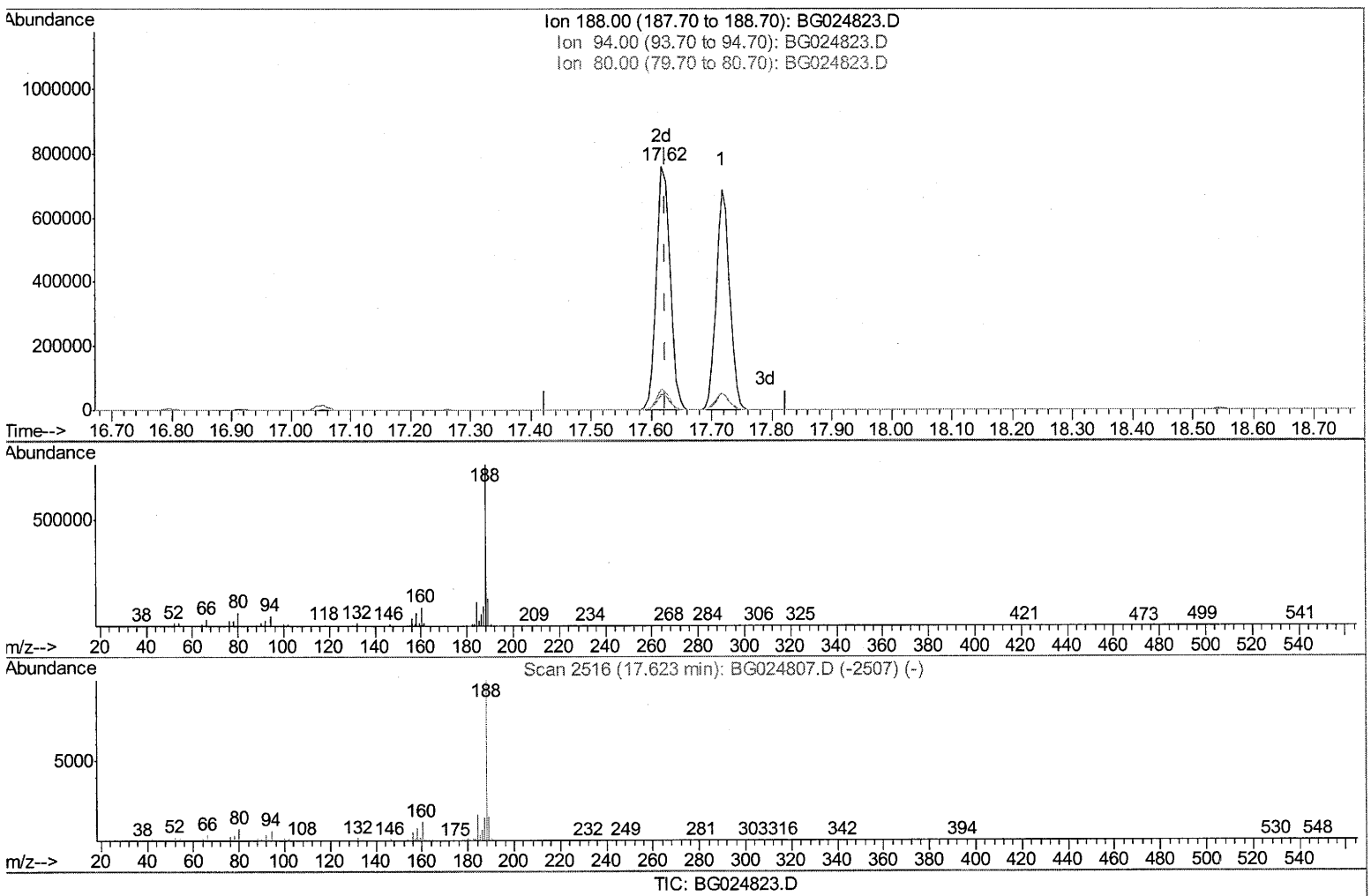

TIC: BG024823.D

(61) Phenanthrene-d10 (I)

17.618min (-0.005) 20.00ng/ul m

response 1195920

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11/18/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.35#
80.00	9.50	8.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG024823.D
Acq On : 17 Nov 2016 9:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 00:28:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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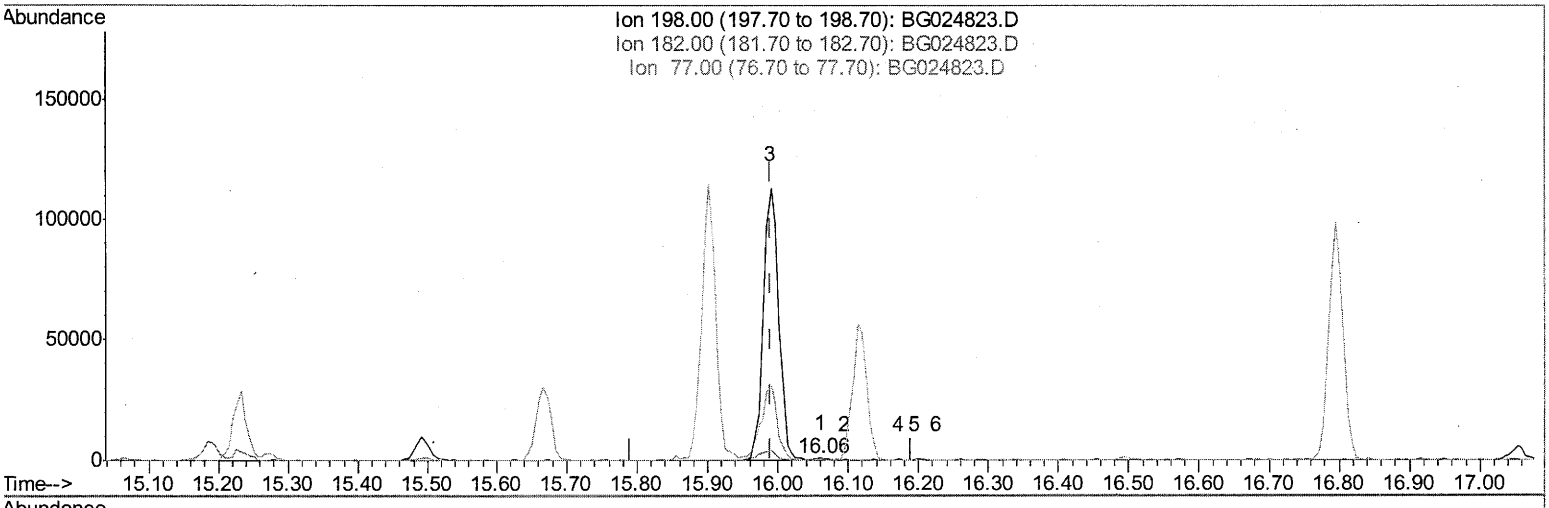

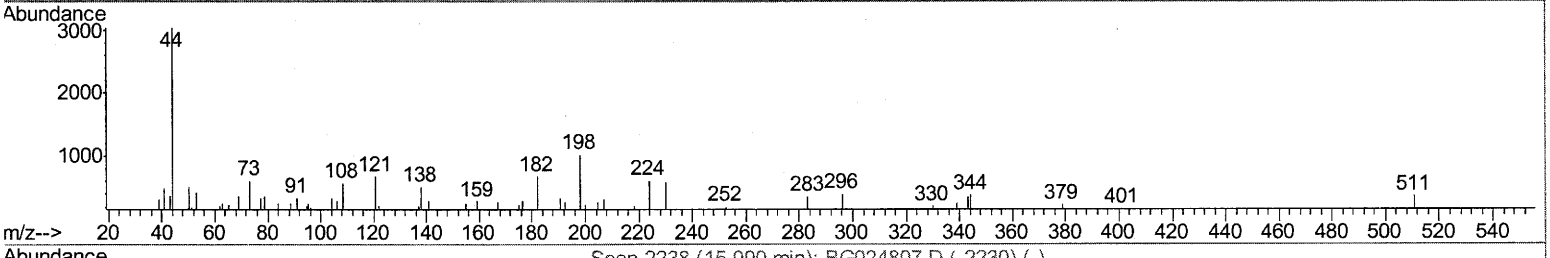

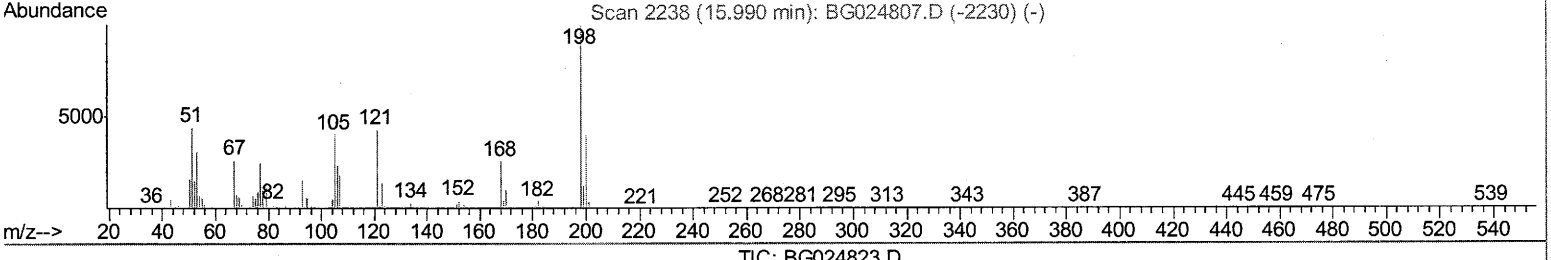

TIC: BG024823.D

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

16.061min (+0.071) 0.14ng/ul

response 1188

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	66.54#
77.00	28.00	32.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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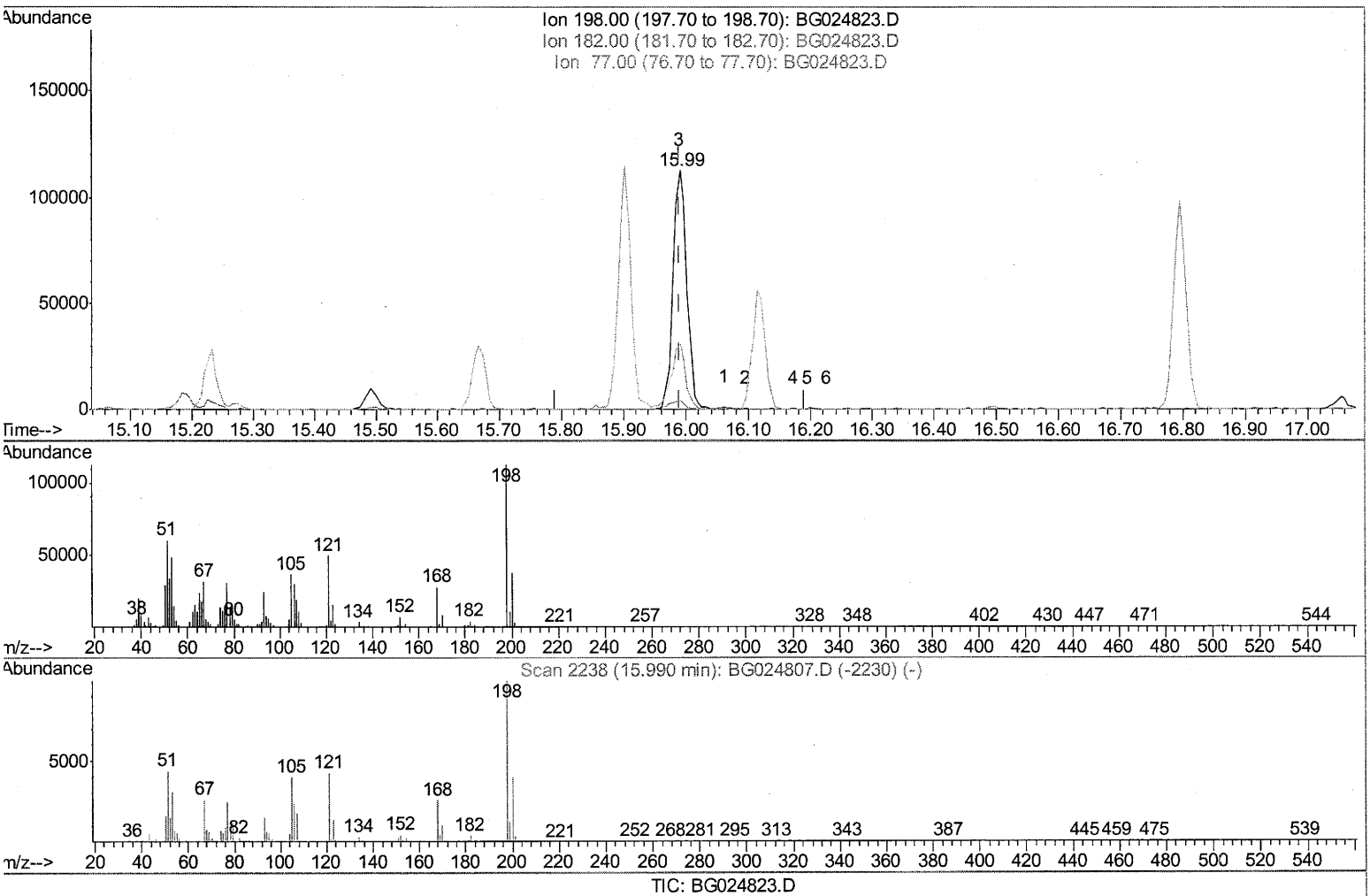

TIC: BG024823.D

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

15.990min (+0.001) 20.54ng/ul m UM

response 171254

11/18/16

Ion	Exp%	Act%
198.00	100	100
182.00	6.10	3.59#
77.00	28.00	27.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111716\
Data File : BG024823.D
Acq On : 17 Nov 2016 9:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 18 00:28:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
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QLast Update : Thu Nov 17 02:48:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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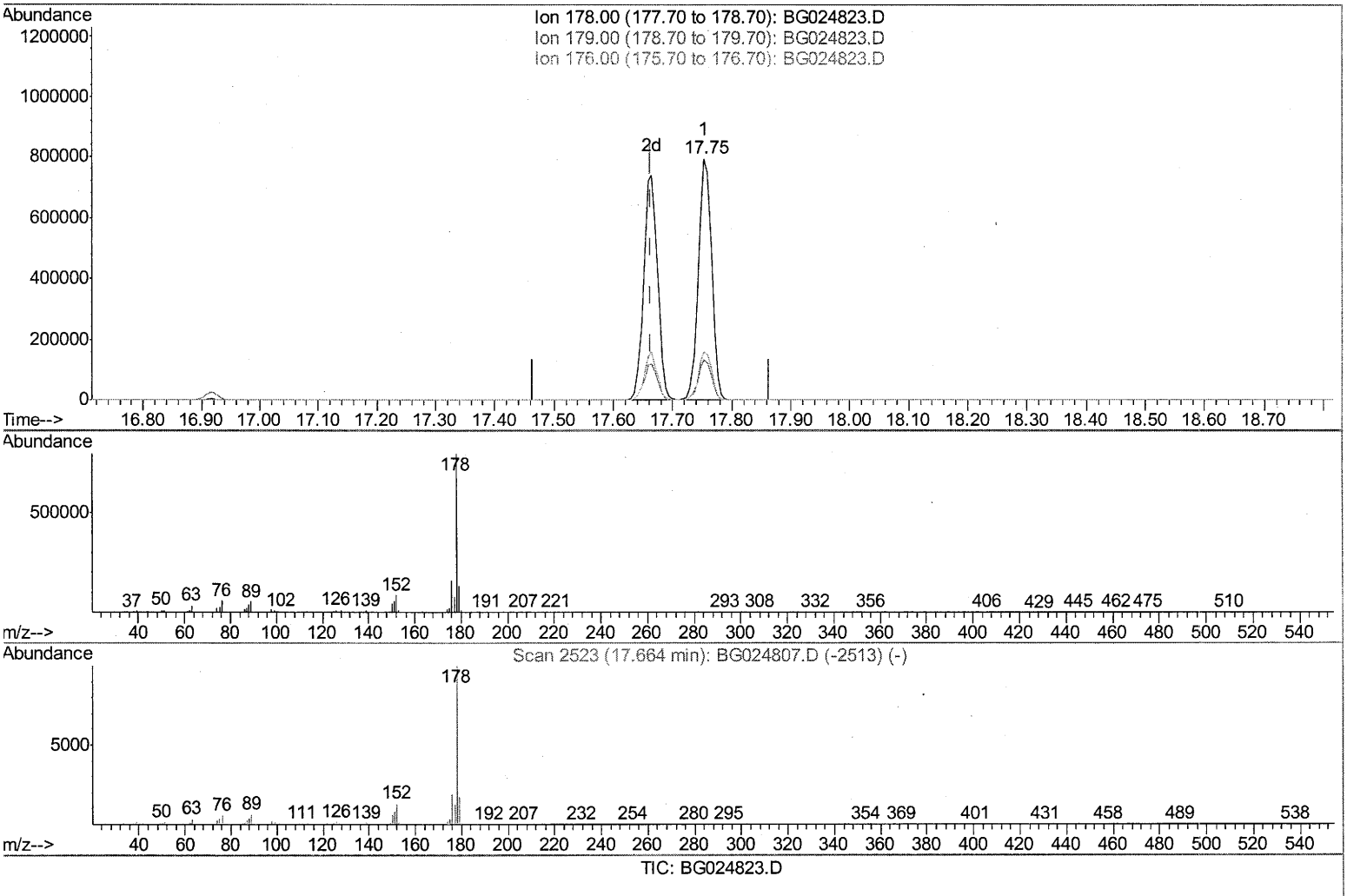

TIC: BG024823.D

(69) Phenanthrene

17.753min (+0.089) 20.61ng/ul

response 1228569

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.77
176.00	20.60	20.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111716\
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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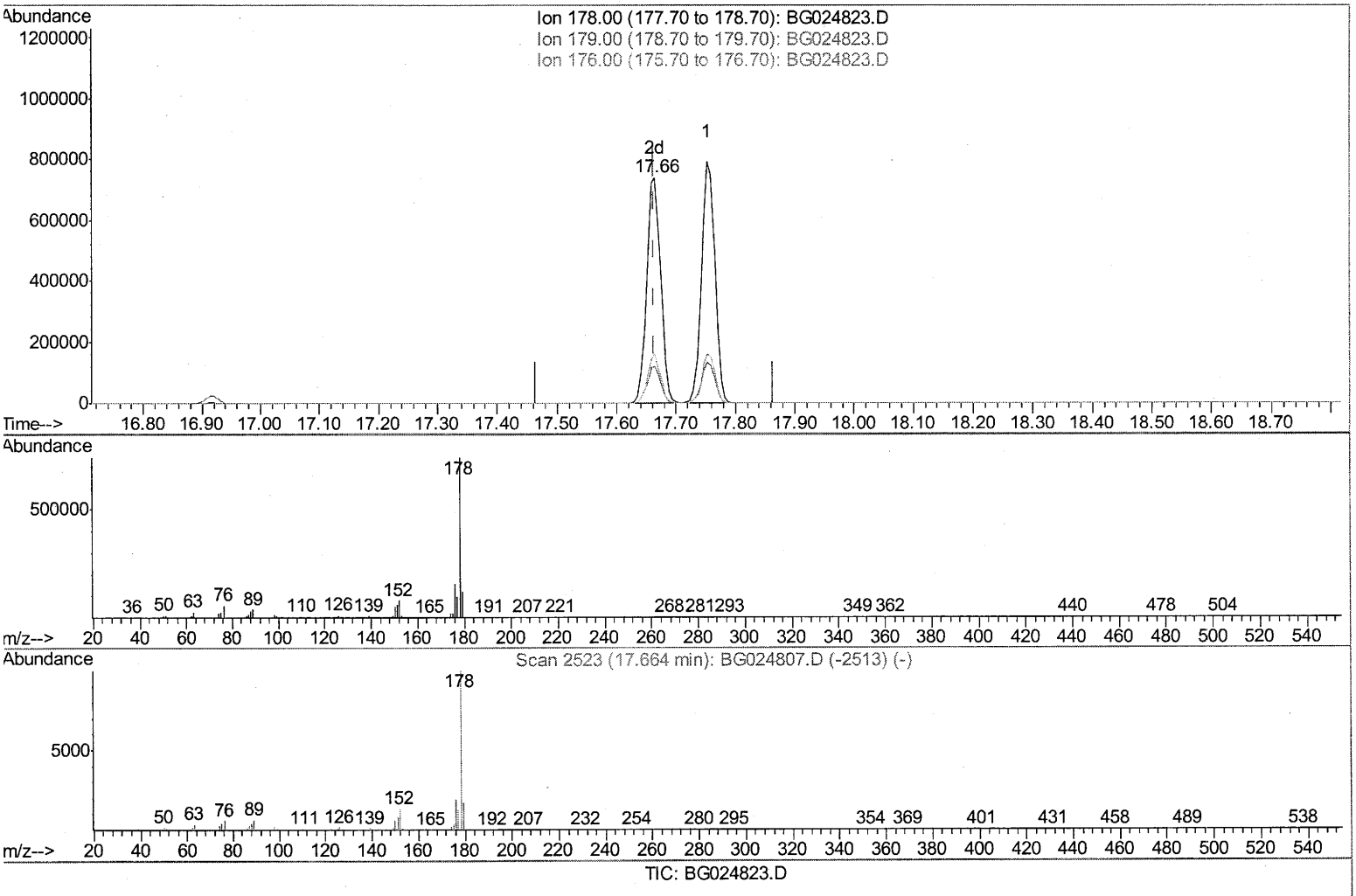

TIC: BG024823.D

(69) Phenanthrene

17.665min (+0.001) 20.32ng/ul m

response 1211459

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11/16/16

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	16.34
176.00	20.60	21.34
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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	8.26	152	128123	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	565992	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	502574	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	1195920m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1526979	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1628266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	20106	8.13	ng/uL	0.00
5) Phenol-d5	7.40	99	236207	21.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	142867	20.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	171158	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	196988	21.37	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	87377	20.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	103972	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	209960	20.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	250220	22.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	741568	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	795204	19.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	130643	20.03	ng/ul	0.00
57) Fluorene-d10	15.87	176	705621	20.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	163764	19.92	ng/ul	0.00
70) Anthracene-d10	17.72	188	1082389	20.49	ng/ul	0.00
76) Pyrene-d10	19.99	212	1359037	20.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	1449892	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	19758	6.38	ng/uL#	81
4) Benzaldehyde	7.39	77	178082	25.19	ng/ul	95
6) Phenol	7.42	94	240925	21.01	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.66	93	170614	20.91	ng/ul	94
10) 2-Chlorophenol	7.82	128	165192	21.70	ng/ul	94
11) 2-Methylphenol	8.69	108	183672	21.87	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.79	45	301281	21.74	ng/ul	98
14) Acetophenone	9.09	105	294948	21.25	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.06	70	174373	22.11	ng/ul#	86
16) 4-Methylphenol	9.02	108	197356	21.72	ng/ul	90
17) Hexachloroethane	9.35	117	72313	20.75	ng/ul	96
20) Nitrobenzene	9.48	77	263927	20.74	ng/ul	97
21) Isophorone	9.99	82	487730	20.55	ng/ul	98
23) 2-Nitrophenol	10.19	139	104715	20.26	ng/ul	91
24) 2,4-Dimethylphenol	10.23	107	248432	20.24	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.47	93	246963	19.82	ng/ul	94
27) 2,4-Dichlorophenol	10.72	162	200286	20.53	ng/ul	96
28) Naphthalene	11.14	128	545051	20.08	ng/ul	99
30) 4-Chloroaniline	11.24	127	243164	22.16	ng/ul	95
31) Hexachlorobutadiene	11.41	225	169700	19.81	ng/ul	88
32) Caprolactam	11.99	113	79433	20.65	ng/ul	98
33) 4-Chloro-3-methylphenol	12.34	107	247524	20.95	ng/ul	96
34) 2-Methylnaphthalene	12.72	142	449557	21.04	ng/ul	100

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	320040	19.63 ng/ul	94
37) Hexachlorocyclopentadiene	13.05	237	207085	19.70 ng/ul#	94
38) 2,4,6-Trichlorophenol	13.32	196	199378	20.10 ng/ul	89
39) 2,4,5-Trichlorophenol	13.39	196	222223	20.62 ng/ul	96
40) 1,1'-Biphenyl	13.71	154	640368	19.80 ng/ul	100
41) 2-Chloronaphthalene	13.76	162	496190	19.74 ng/ul	99
42) 2-Nitroaniline	13.97	65	207177	20.78 ng/ul	97
44) Dimethylphthalate	14.32	163	728245	20.72 ng/ul	99
45) 2,6-Dinitrotoluene	14.45	165	148836	20.14 ng/ul#	87
47) Acenaphthylene	14.60	152	777763	20.12 ng/ul	98
48) 3-Nitroaniline	14.79	138	150628	22.06 ng/ul#	98
49) Acenaphthene	14.94	153	555049	20.29 ng/ul	99
50) 2,4-Dinitrophenol	14.99	184	101545	19.20 ng/ul	95
52) 4-Nitrophenol	15.07	109	163414	20.93 ng/ul	83
53) Dibenzofuran	15.27	168	850517	20.32 ng/ul	99
54) 2,4-Dinitrotoluene	15.23	165	236964	21.20 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.49	232	244046	21.76 ng/ul	92
56) Diethylphthalate	15.67	149	745668	19.97 ng/ul	98
58) Fluorene	15.92	166	695607	20.47 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.90	204	383572	19.96 ng/ul	87
60) 4-Nitroaniline	15.94	138	163055	20.99 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.99	198	171254m	20.54 ng/ul	
64) N-Nitrosodiphenylamine	16.12	169	644356	19.94 ng/ul	94
65) 4-Bromophenyl-phenylether	16.80	248	288242	19.82 ng/ul	88
66) Hexachlorobenzene	16.92	284	335018	20.82 ng/ul	96
67) Atrazine	17.05	200	308102	20.34 ng/ul	98
68) Pentachlorophenol	17.26	266	200873	21.14 ng/ul	95
69) Phenanthrene	17.66	178	1211459m	20.32 ng/ul	
71) Anthracene	17.75	178	1227293	19.90 ng/ul	99
72) Carbazole	18.02	167	1087856	21.51 ng/ul	98
73) Di-n-butylphthalate	18.55	149	1268817	19.91 ng/ul	98
74) Fluoranthene	19.66	202	1548090	22.36 ng/ul	99
77) Pyrene	20.02	202	1545756	20.60 ng/ul	99
78) Butylbenzylphthalate	20.88	149	614543	20.00 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.80	252	622701	21.21 ng/ul#	94
80) Benzo(a)anthracene	21.90	228	1676991	20.18 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	843341	20.07 ng/ul#	95
82) Chrysene	21.97	228	1585279	20.35 ng/ul	99
84) Di-n-octyl phthalate	23.03	149	1453846	21.09 ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1746771	20.36 ng/ul	98
86) Benzo(k)fluoranthene	24.32	252	1621676	19.90 ng/ul	100
88) Benzo(a)pyrene	25.19	252	1666565	20.07 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.28	276	2114149	20.37 ng/ul	97
90) Dibenzo(a,h)anthracene	29.35	278	1755521	20.30 ng/ul	98
91) Benzo(g,h,i)perylene	30.53	276	1734920	20.29 ng/ul	97

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