Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG111615\
Data File : BG019640.D
Acq On : 16 Nov 2015 18:39
Operator : UM/NP
Sample : SSTD01022
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 17 00:44:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 00:05:14 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01022

Manual Integrations APPROVED
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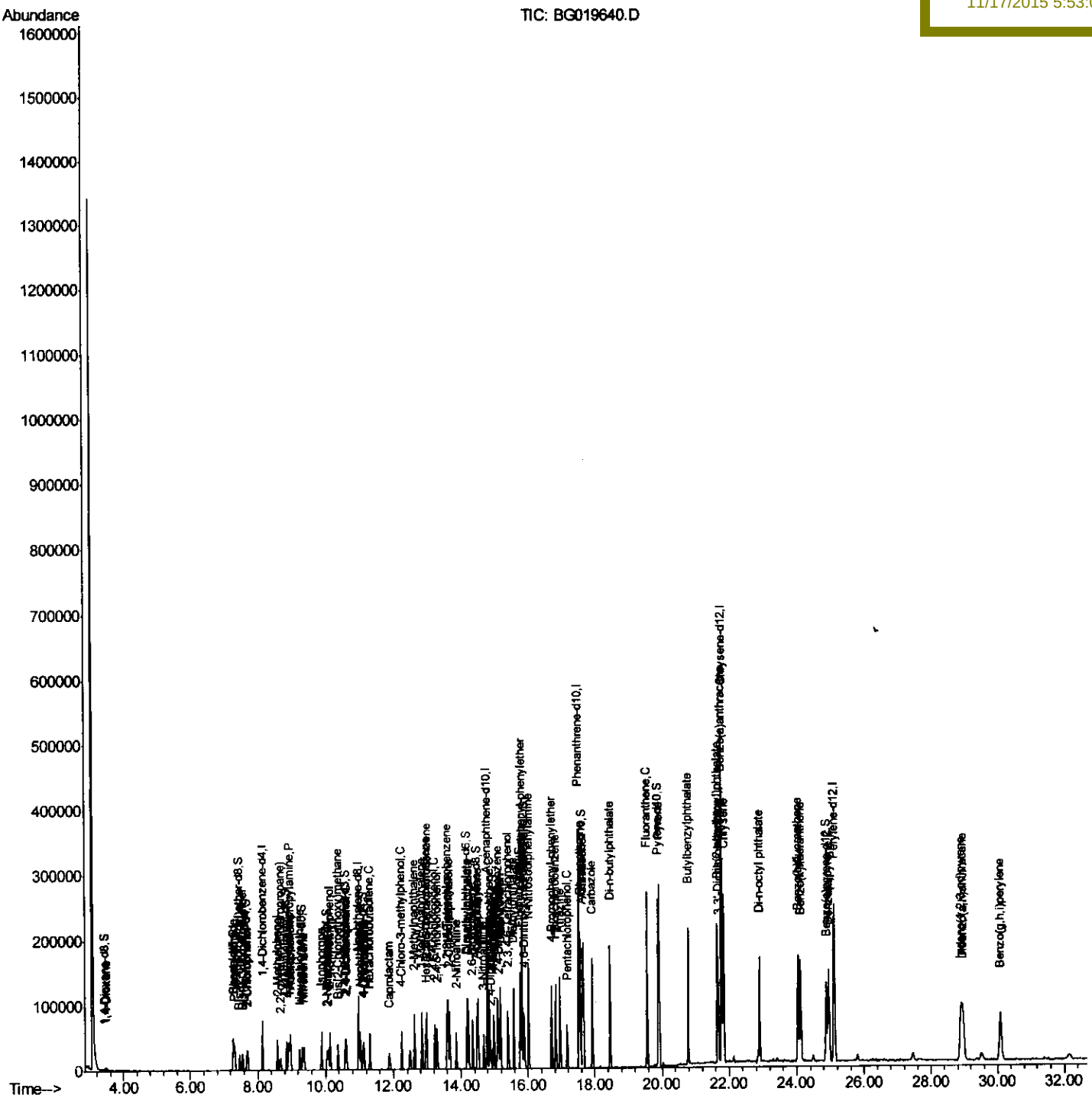

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Instrument :
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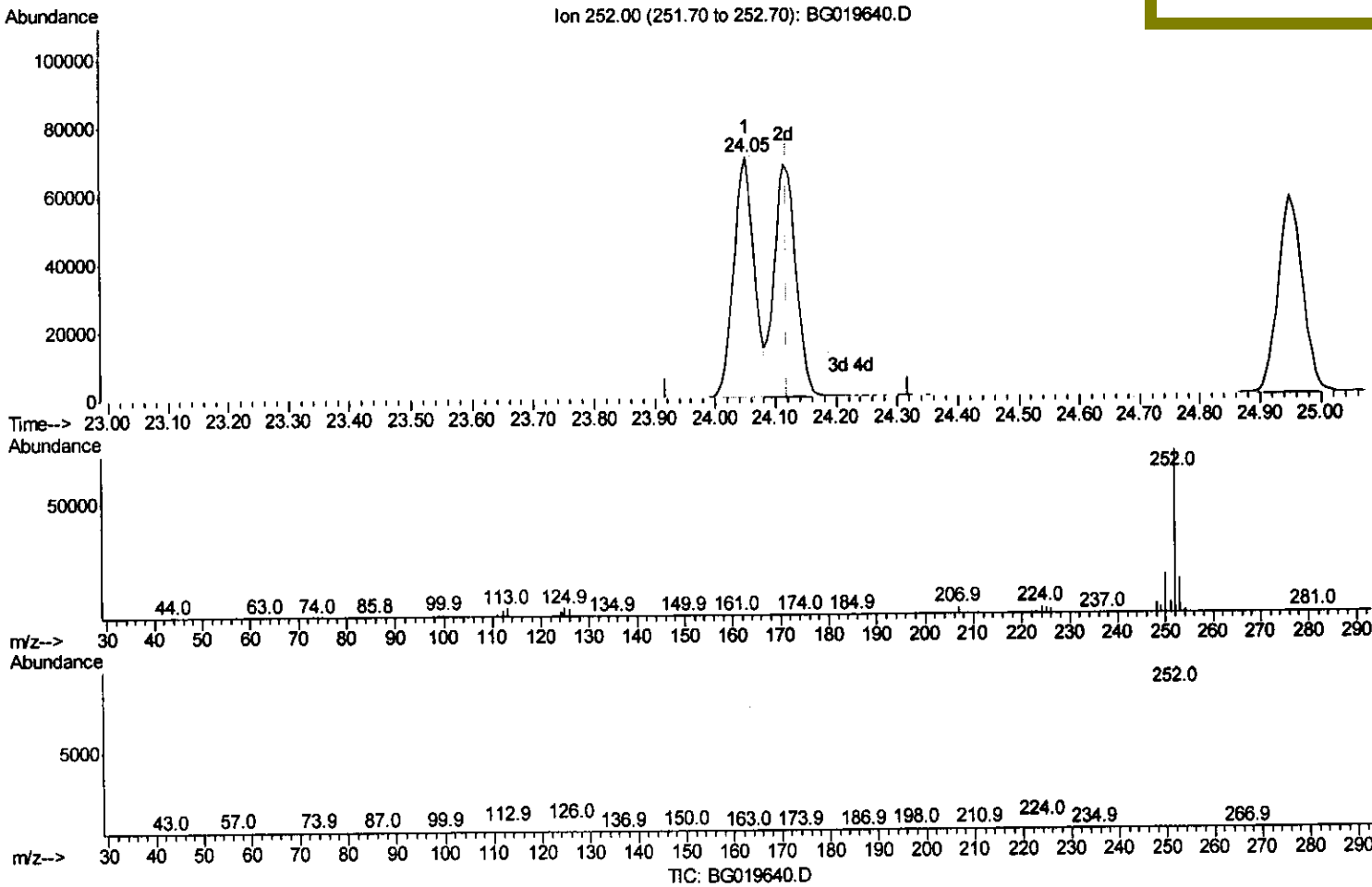

(89) Benzo(k)fluoranthene

24.051min (-0.068) 10.45ng/ul

response 167642

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.55
125.00	5.50	5.66
0.00	0.00	0.00

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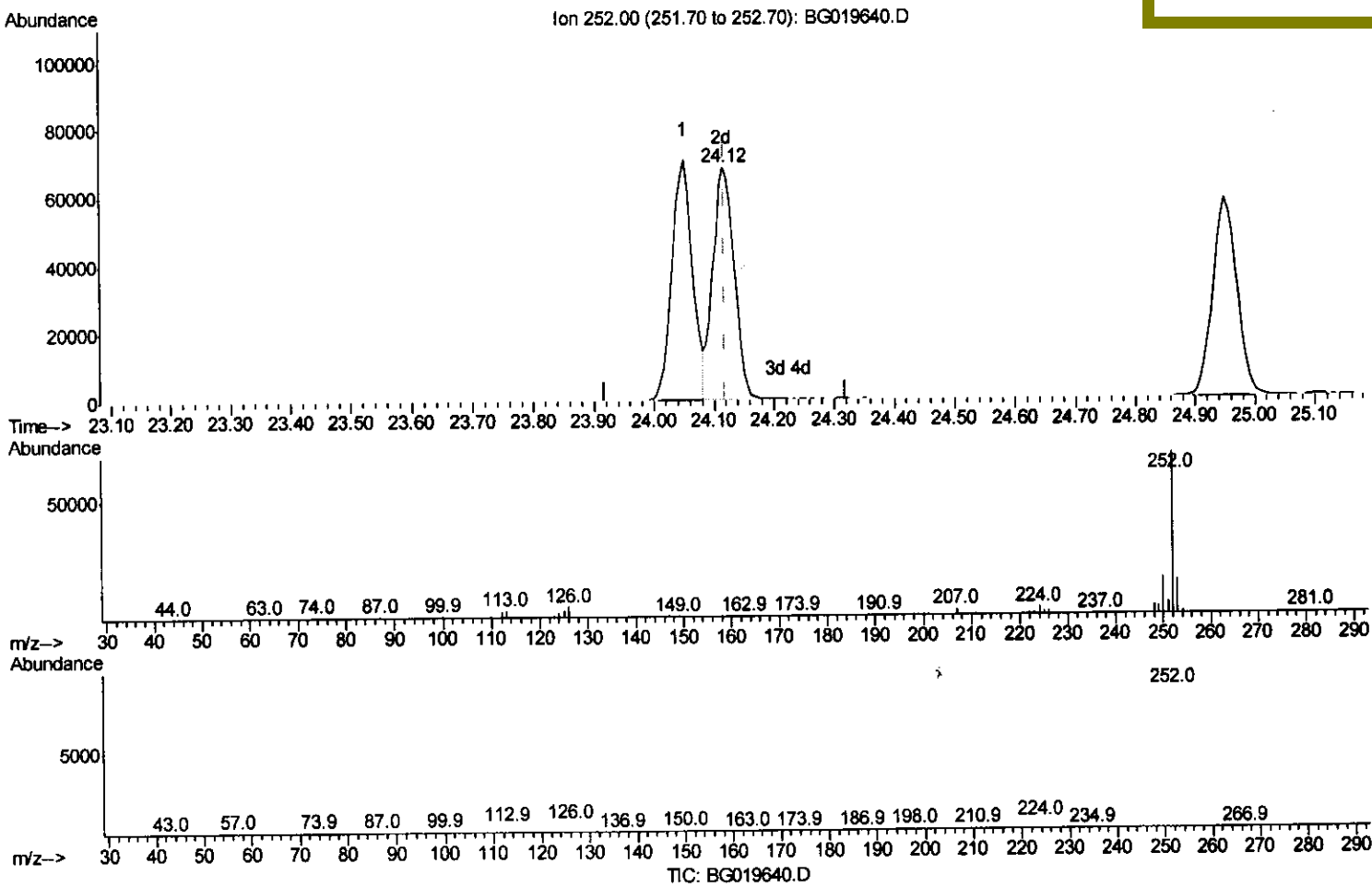

TIC: BG019640.D

(89) Benzo(k)fluoranthene

24.116min (-0.003) 10.61ng/ul m U.M 11/18/15

response 170115

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.68
125.00	5.50	4.20#
0.00	0.00	0.00

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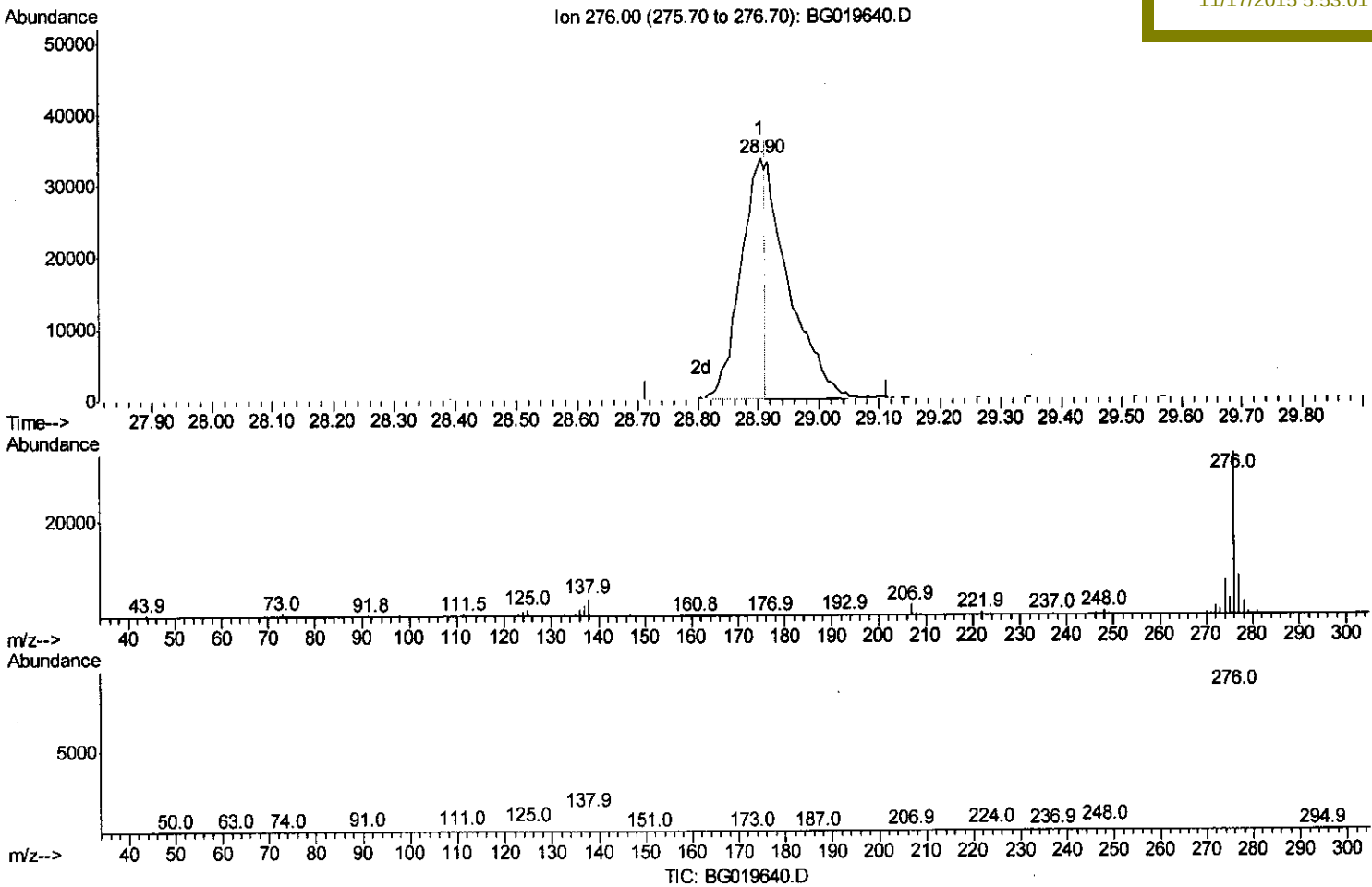

(92) Indeno(1,2,3-cd)pyrene

28.904min (-0.009) 5.13ng/ul

response 92583

Ion	Exp%	Act%
276.00	100	100
138.00	12.40	11.51
277.00	26.60	24.08
0.00	0.00	0.00

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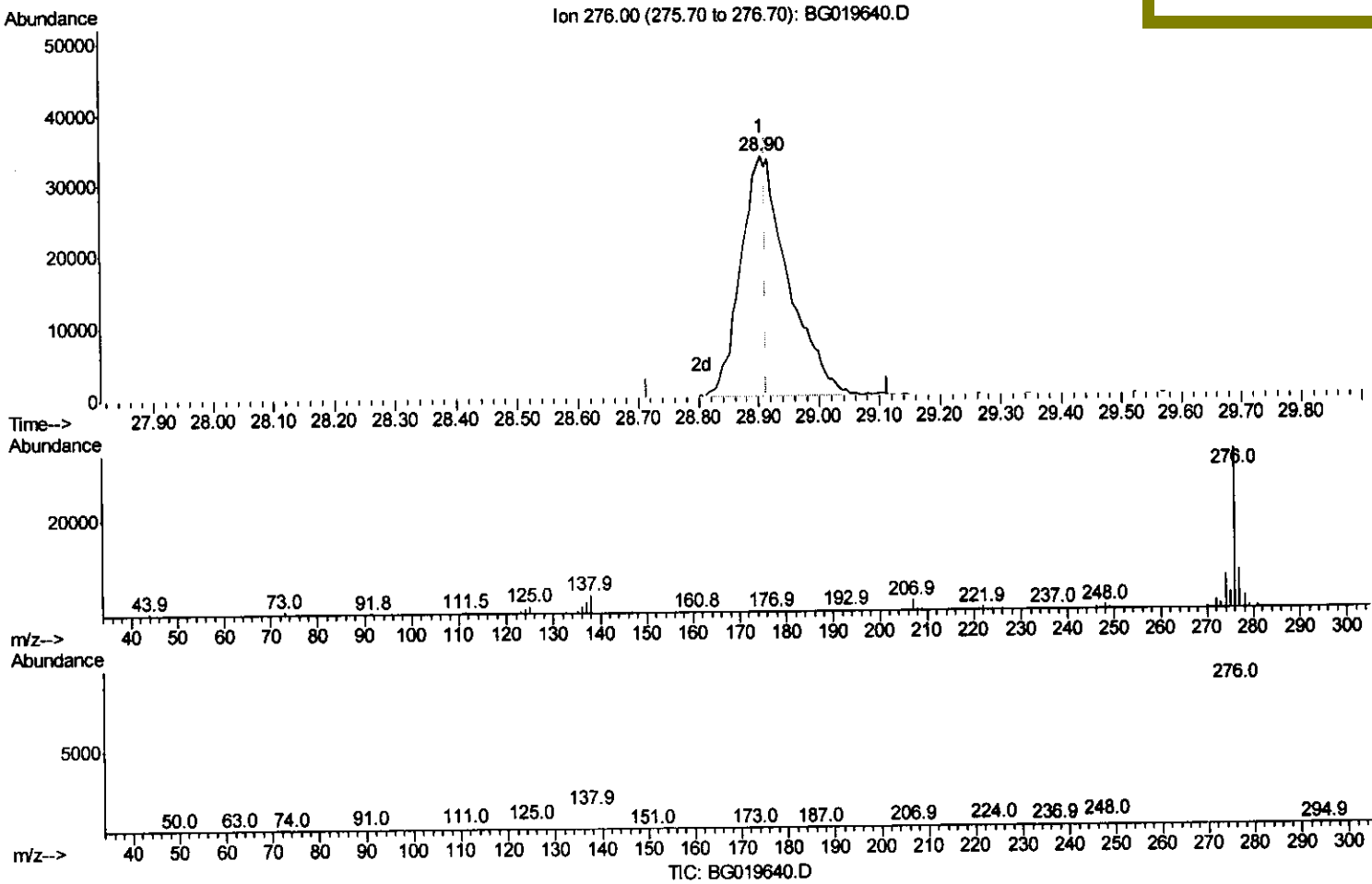

(92) Indeno(1,2,3-cd)pyrene

28.904min (-0.009) 10.17ng/ul m UM 11/18/15

response 183425

Ion	Exp%	Act%
276.00	100	100
138.00	12.40	11.51
277.00	26.60	24.08
0.00	0.00	0.00

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ClientSampleId : SSTD01022

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	86580	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	77636	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	224579	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	297520	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	281570	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1860	4.39	ng/uL	0.00
5) Phenol-d5	7.29	99	19408	10.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	13812	11.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	12319	10.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	16349	11.08	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	7317	11.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	7515	9.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	16177	9.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	14905	9.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	70119	10.81	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	72979	10.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	11005	10.68	ng/ul	0.00
58) Fluorene-d10	15.77	176	62459	10.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	13272	9.18	ng/ul	0.00
71) Anthracene-d10	17.62	188	109234	10.59	ng/ul	0.00
79) Pyrene-d10	19.90	212	136798	10.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	145327	10.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	2439	5.14	ng/uL#	93
4) Benzaldehyde	7.28	77	17687	14.33	ng/ul	96
6) Phenol	7.32	94	21225	10.84	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.56	93	15386	11.29	ng/ul	94
10) 2-Chlorophenol	7.71	128	12198	10.42	ng/ul	92
11) 2-Methylphenol	8.59	108	15702	10.74	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.69	45	13190	11.76	ng/ul	96
14) Acetophenone	8.97	105	28387	11.51	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.96	70	18911	11.57	ng/ul	98
16) 4-Methylphenol	8.92	108	18386	11.56	ng/ul	85
17) Hexachloroethane	9.24	117	5576	9.09	ng/ul	99
20) Nitrobenzene	9.37	77	25751	10.34	ng/ul#	97
21) Isophorone	9.89	82	49692	10.88	ng/ul#	95
23) 2-Nitrophenol	10.08	139	8639	10.12	ng/ul	94
24) 2,4-Dimethylphenol	10.13	107	22919	10.25	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.37	93	24862	11.42	ng/ul	96
27) 2,4-Dichlorophenol	10.62	162	16149	10.38	ng/ul	98
28) Naphthalene	11.03	128	46159	10.59	ng/ul#	96
30) 4-Chloroaniline	11.13	127	16392	9.54	ng/ul	97
31) Hexachlorobutadiene	11.31	225	15098	9.65	ng/ul#	84
32) Caprolactam	11.88	113	7281	12.54	ng/ul	92
33) 4-Chloro-3-methylphenol	12.25	107	23505	11.13	ng/ul	91
34) 2-Methylnaphthalene	12.62	142	37362	10.63	ng/ul	95

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	39108	11.78 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	28672	9.07 ng/ul	99
38) Hexachlorocyclopentadiene	12.96	237	14202	6.33 ng/ul	86
39) 2,4,6-Trichlorophenol	13.22	196	18555	9.89 ng/ul	96
40) 2,4,5-Trichlorophenol	13.30	196	19048	9.29 ng/ul	94
41) 1,1'-Biphenyl	13.62	154	55174	10.07 ng/ul	96
42) 2-Chloronaphthalene	13.67	162	42665	9.92 ng/ul	99
43) 2-Nitroaniline	13.87	65	18577	10.14 ng/ul	95
45) Dimethylphthalate	14.23	163	66496	10.04 ng/ul#	98
46) 2,6-Dinitrotoluene	14.35	165	13053	9.84 ng/ul	92
48) Acenaphthylene	14.51	152	72974	9.99 ng/ul	95
49) 3-Nitroaniline	14.68	138	11540	9.97 ng/ul	100
50) Acenaphthene	14.85	153	48019	9.73 ng/ul	97
51) 2,4-Dinitrophenol	14.89	184	7153	7.33 ng/ul	91
53) 4-Nitrophenol	14.99	109	13331	8.68 ng/ul	95
54) Dibenzofuran	15.18	168	74884	10.36 ng/ul	99
55) 2,4-Dinitrotoluene	15.14	165	21009	9.96 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.40	232	19704	9.17 ng/ul	93
57) Diethylphthalate	15.58	149	68744	10.53 ng/ul	97
59) Fluorene	15.83	166	66919	10.60 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.81	204	36940	9.89 ng/ul	99
61) 4-Nitroaniline	15.84	138	14079	10.46 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.90	198	13979	8.92 ng/ul#	91
65) N-Nitrosodiphenylamine	16.03	169	61374	10.57 ng/ul	93
66) 4-Bromophenyl-phenylether	16.71	248	26586	10.03 ng/ul	97
67) Hexachlorobenzene	16.83	284	28080	9.98 ng/ul	95
68) Atrazine	16.96	200	30042	10.51 ng/ul#	96
69) Pentachlorophenol	17.17	266	13048	7.91 ng/ul#	90
70) Phenanthrene	17.56	178	121350	10.67 ng/ul	96
72) Anthracene	17.66	178	124131	10.70 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	29599	9.31 ng/uL	94
74) Pentachlorobenzene	15.10	250	30388	9.38 ng/uL	96
75) Carbazole	17.92	167	103357	11.09 ng/ul	97
76) Di-n-butylphthalate	18.46	149	130025	11.16 ng/ul	99
77) Fluoranthene	19.56	202	172178	11.61 ng/ul#	97
80) Pyrene	19.93	202	181717	10.88 ng/ul	98
81) Butylbenzylphthalate	20.79	149	55435	10.11 ng/ul	92
82) 3,3'-Dichlorobenzidine	21.68	252	56124	9.73 ng/ul	96
83) Benzo(a)anthracene	21.77	228	179557	10.31 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	81553	10.40 ng/ul	98
85) Chrysene	21.84	228	174960	10.72 ng/ul	98
87) Di-n-octyl phthalate	22.89	149	141991	10.98 ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	167642	10.03 ng/ul	100
89) Benzo(k)fluoranthene	24.12	252	170115m	10.61 ng/ul	
91) Benzo(a)pyrene	24.95	252	164386	10.26 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.90	276	183425m	10.17 ng/ul	
93) Dibenzo(a,h)anthracene	28.97	278	149264	9.89 ng/ul	98
94) Benzo(g,h,i)perylene	30.09	276	150488	10.95 ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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