

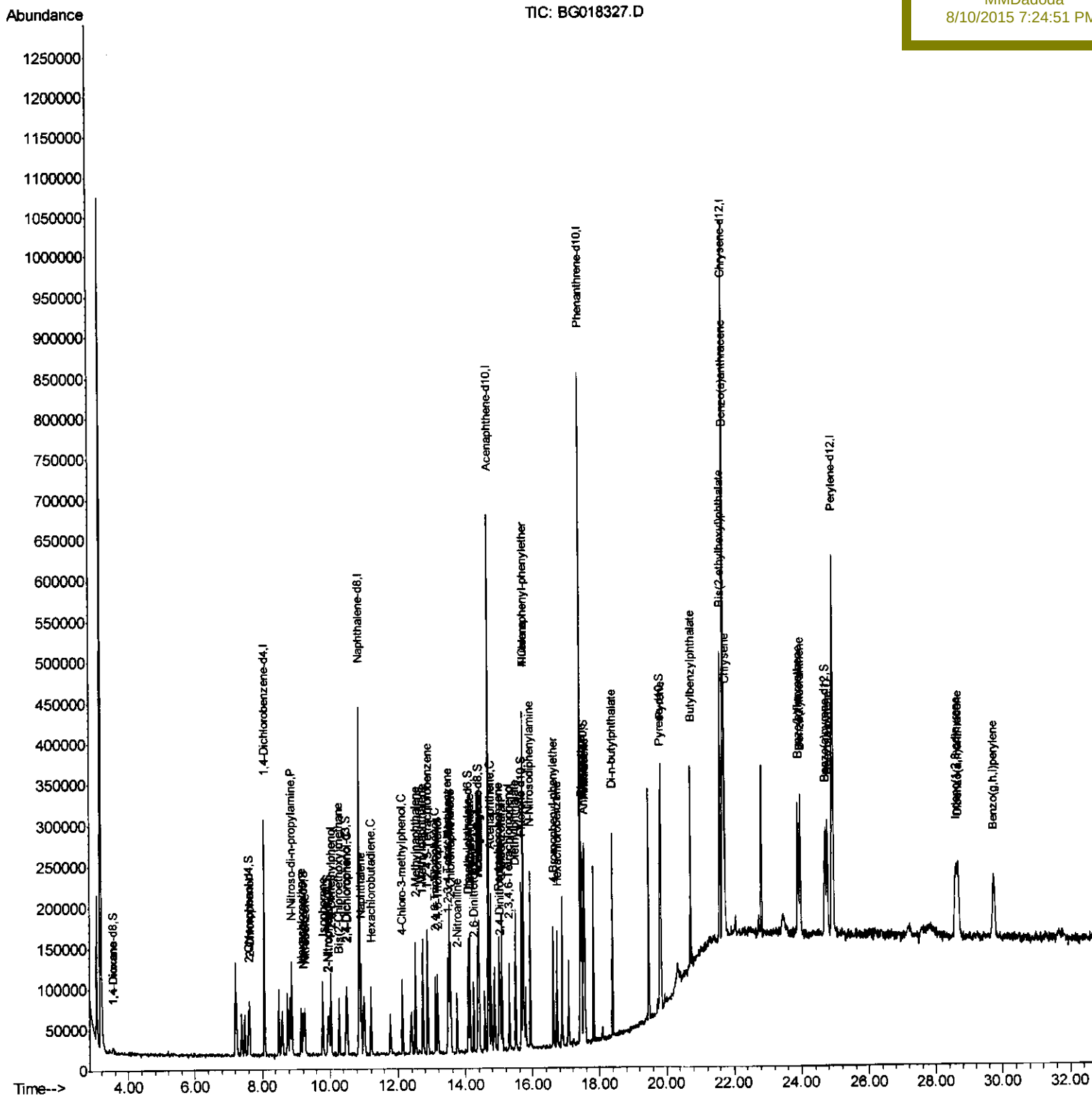
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018327.D
Acq On : 9 Aug 2015 14:05
Operator : UM/TP
Sample : SSTD00579
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 01:15:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:05:19 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00579

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Ion 276.00 (275.70 to 276.70): BG018327.D

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me--> 27.50 27.60 27.70 27.80 27.90 28.00 28.10 28.20 28.30 28.40 28.50 28.60 28.70 28.80 28.90 29.00 29.10 29.20 29.30 29.40 29.50 29.60

abundance

1 28.61

2d

207 276

44 58 73 96 113 125 138 150 163 177 191 221 233 248 261 295 327 341 355 369 401 415 429 489 504

276

138

39 61 73 87 99 112 125 150 163 177 192 207 222 235 248 328 342 358 418 430 489

TIC: BG018327.D

Ion	Exp%	Act%
276.00	100	100
138.00	19.90	17.70
277.00	23.80	23.55
0.00	0.00	0.00

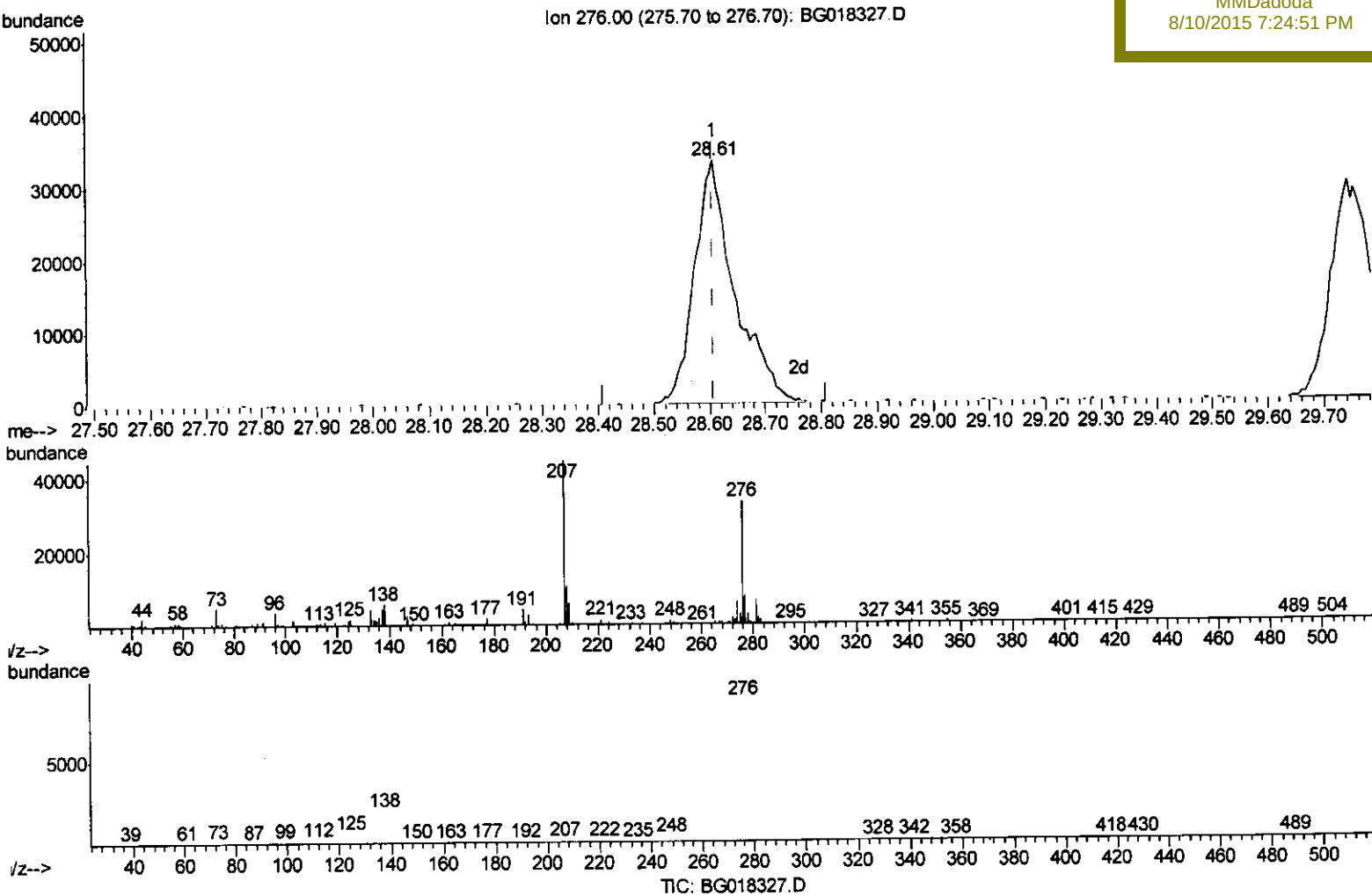
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(92) Indeno(1,2,3-cd)pyrene

28.608min (-0.000) 4.47ng/ul m

response 167893

Ion	Exp%	Act%
276.00	100	100
138.00	19.90	17.70
277.00	23.80	23.55
0.00	0.00	0.00

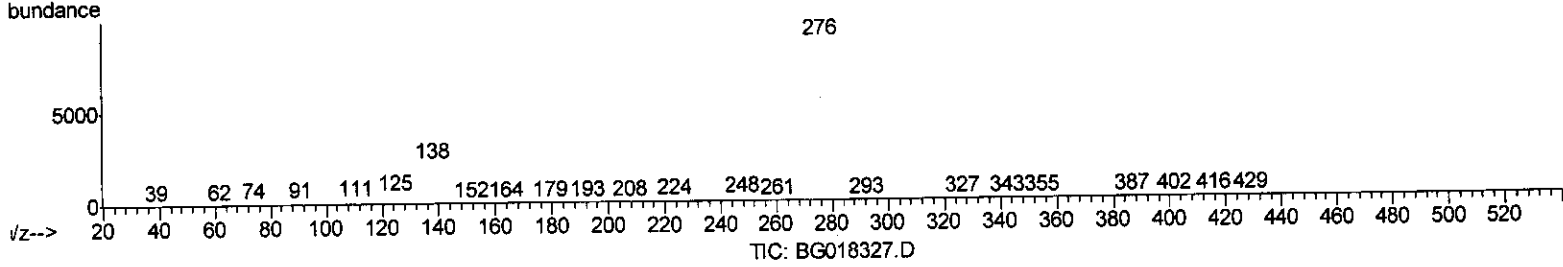
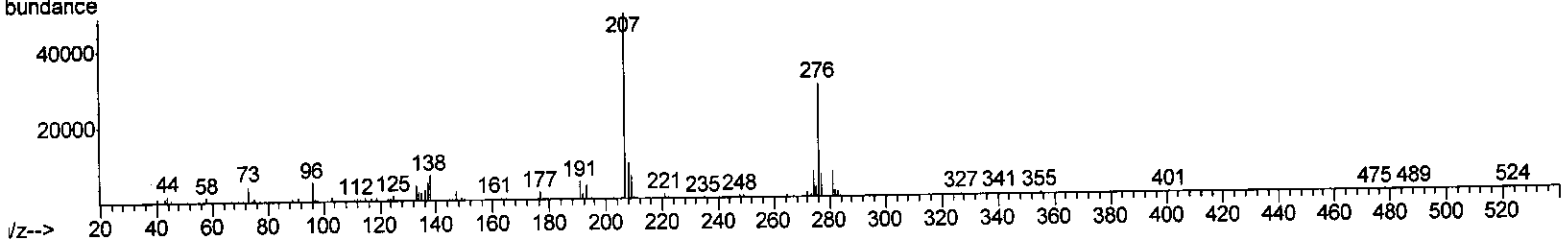
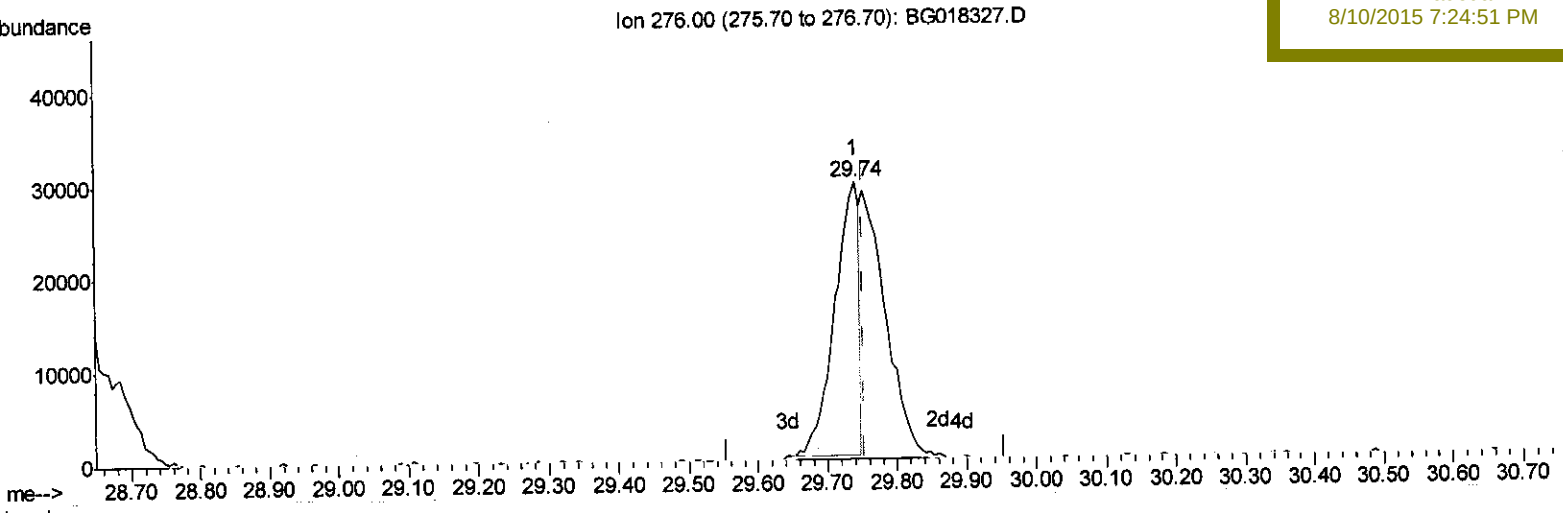
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TIC: BG018327.D

(94) Benzo(g,h,i)perylene

29.741min (-0.012) 2.32ng/ul

response 72672

Ion	Exp%	Act%
276.00	100	100
138.00	21.70	22.99
277.00	23.00	21.16
0.00	0.00	0.00

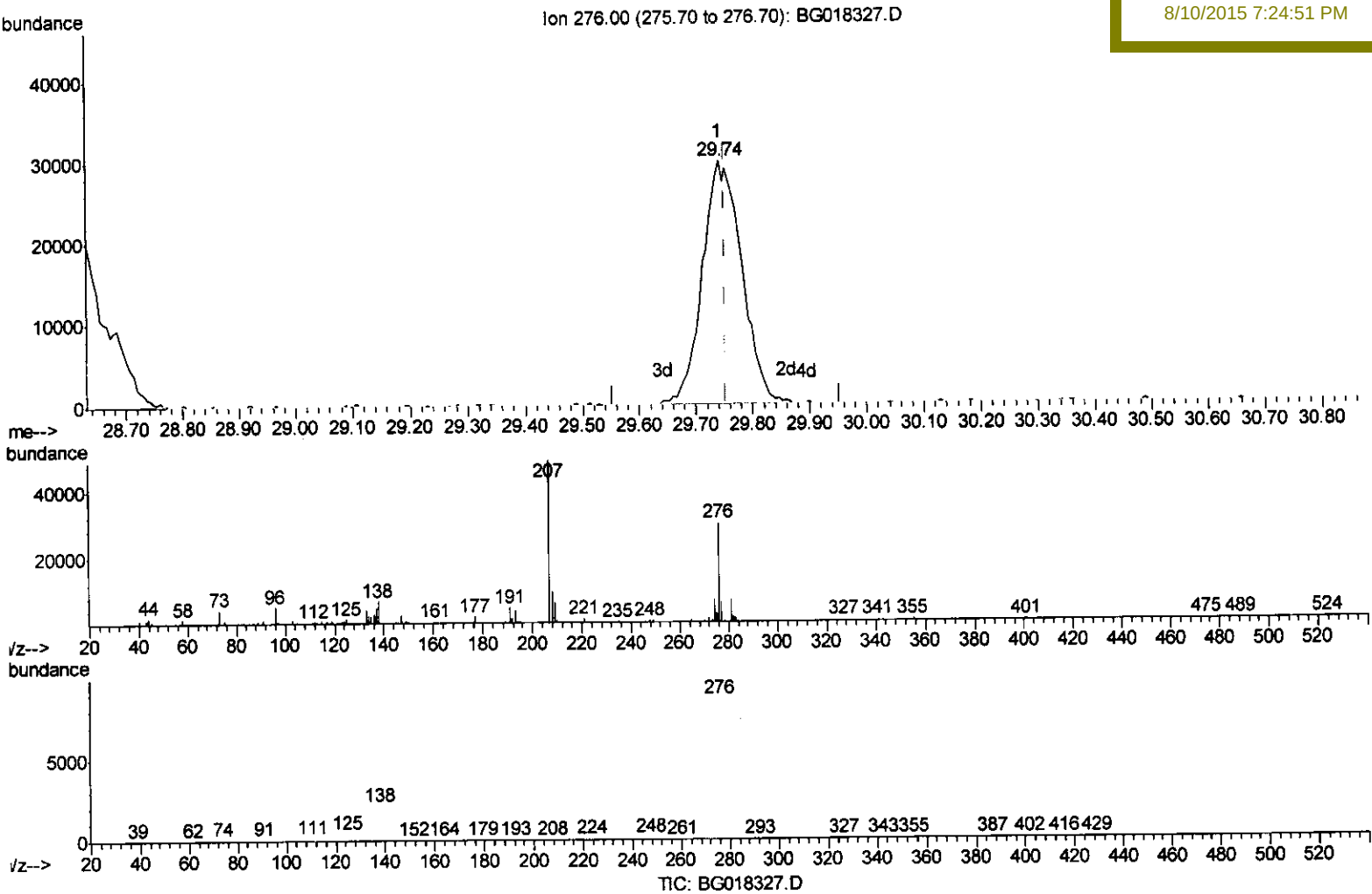
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Manual Integrations
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(94) Benzo(g,h,i)perylene

29.741min (-0.012) 4.62ng/ul m

response 144742

Ion	Exp%	Act%
276.00	100	100
138.00	21.70	22.99
277.00	23.00	21.16
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	79273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	348969	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	208064	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	491524	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	497877	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	484152	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	3688	1.79	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.60	132	26884	4.34	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.22	128	13355	4.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	13546	4.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	29771	4.47	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	90875	4.68	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	113787	4.63	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.68	176	79664	4.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.53	188	125444	4.77	ng/ul	0.00
79) Pyrene-d10	19.81	212	131541	4.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	129693	4.49	ng/ul	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.56	88	4220	1.94 ng/uL#	80
10) 2-Chlorophenol	7.63	128	27829	4.32 ng/ul	91
15) N-Nitroso-di-n-propylamine	8.87	70	25495	4.51 ng/ul#	90
17) Hexachloroethane	9.16	117	12397	4.60 ng/ul	94
20) Nitrobenzene	9.27	77	33975	4.44 ng/ul	96
21) Isophorone	9.79	82	66661	4.47 ng/ul	96
23) 2-Nitrophenol	9.98	139	15025	4.52 ng/ul	94
24) 2,4-Dimethylphenol	10.04	107	34785	4.44 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.27	93	42471	4.60 ng/ul	93
27) 2,4-Dichlorophenol	10.52	162	27520	4.44 ng/ul	88
28) Naphthalene	10.92	128	92007	4.43 ng/ul	97
31) Hexachlorobutadiene	11.22	225	17813	4.48 ng/ul	92
33) 4-Chloro-3-methylphenol	12.13	107	31713	4.36 ng/ul	97
34) 2-Methylnaphthalene	12.53	142	68200	4.54 ng/ul	98
35) 1-Methylnaphthalene	12.74	142	65864	4.47 ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	34376	4.64 ng/ul	97
39) 2,4,6-Trichlorophenol	13.13	196	21926	4.32 ng/ul	89
40) 2,4,5-Trichlorophenol	13.18	196	23656	4.38 ng/ul	90
41) 1,1'-Biphenyl	13.53	154	88477	4.52 ng/ul	96
42) 2-Chloronaphthalene	13.57	162	68747	4.57 ng/ul	96
43) 2-Nitroaniline	13.76	65	21423	4.46 ng/ul	95
45) Dimethylphthalate	14.14	163	91042	4.75 ng/ul	98
46) 2,6-Dinitrotoluene	14.25	165	15545	4.09 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.41	152	115576	4.66	ng/ul	95
50) Acenaphthene	14.75	153	81889	4.72	ng/ul	94
54) Dibenzofuran	15.08	168	105777	4.66	ng/ul	98
55) 2,4-Dinitrotoluene	15.04	165	21784	4.11	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.31	232	19949	4.22	ng/ul	95
57) Diethylphthalate	15.50	149	94850	4.64	ng/ul	98
59) Fluorene	15.73	166	92727	4.80	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.72	204	43147	4.68	ng/ul#	93
65) N-Nitrosodiphenylamine	15.93	169	77011	4.62	ng/ul	95
66) 4-Bromophenyl-phenylether	16.62	248	28326	4.85	ng/ul	88
67) Hexachlorobenzene	16.74	284	28872	4.53	ng/ul	96
70) Phenanthrene	17.47	178	146013	4.90	ng/ul	99
72) Anthracene	17.56	178	149002	4.90	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	34782	4.48	ng/uL	95
74) Pentachlorobenzene	15.01	250	34024	4.66	ng/uL	90
76) Di-n-butylphthalate	18.40	149	168645	4.84	ng/ul	99
80) Pyrene	19.84	202	182119	4.84	ng/ul	97
81) Butylbenzylphthalate	20.73	149	69788	4.26	ng/ul	92
83) Benzo(a)anthracene	21.67	228	158951	4.55	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	103061	4.48	ng/ul	95
85) Chrysene	21.74	228	148385	4.57	ng/ul	97
88) Benzo(b)fluoranthene	23.90	252	159556	4.64	ng/ul	97
89) Benzo(k)fluoranthene	23.97	252	152395	4.58	ng/ul	98
91) Benzo(a)pyrene	24.78	252	148417	4.55	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.61	276	167893m	4.47	ng/ul	96
93) Dibenzo(a,h)anthracene	28.67	278	139741	4.47	ng/ul	
94) Benzo(g,h,i)perylene	29.74	276	144742m	4.62	ng/ul	

U.N
 8/11/15

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