

(OT Reviewed)

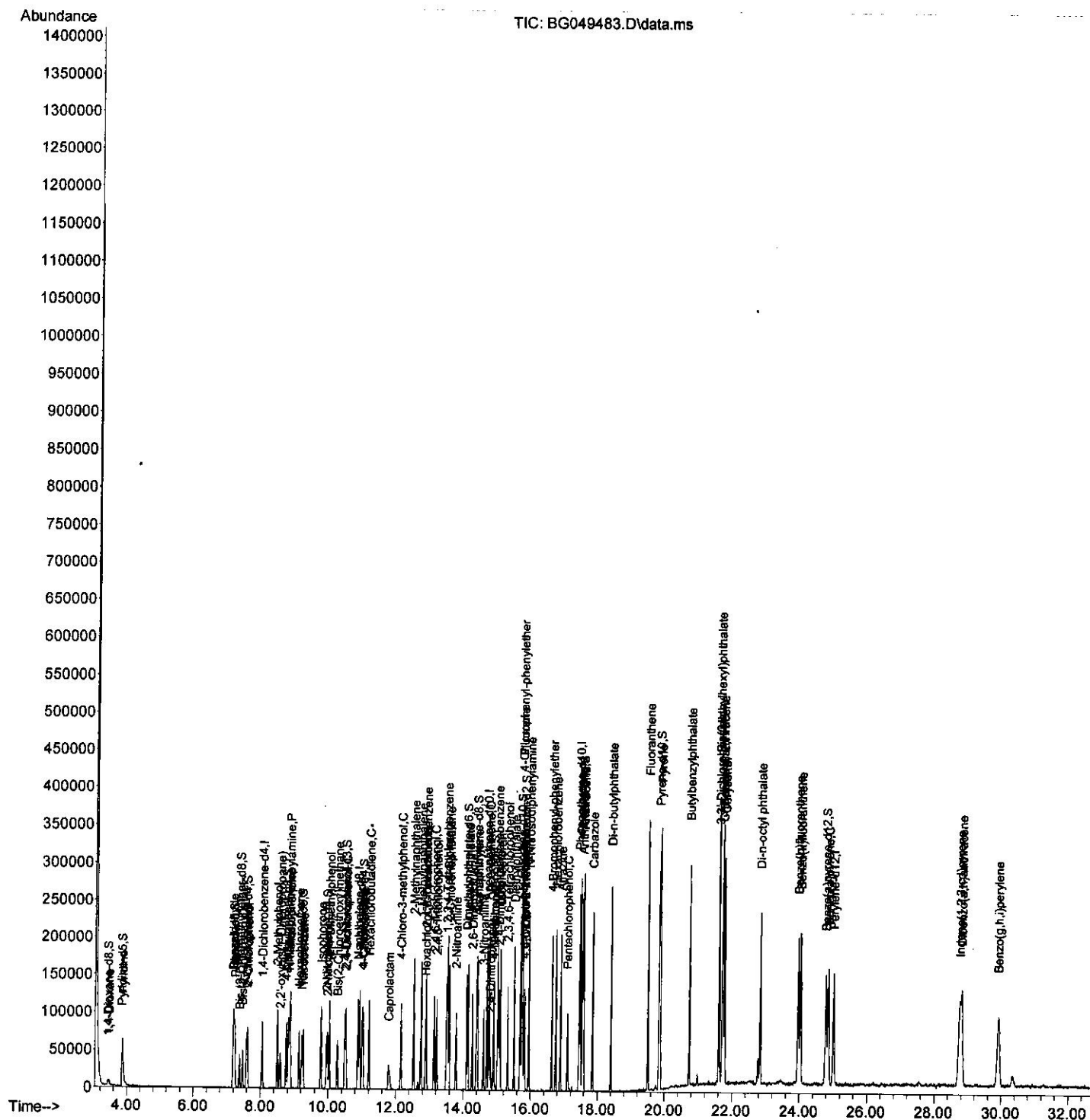
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049483.D
Acq On    : 26 Jul 2021  18:00
Operator  : CG/JU
Sample    : SSTDCCC020
Misc      :
ALS Vial  : 2   Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Quant Time: Jul 27 02:58:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Manual Integrations APPROVED

mohammad
7/27/2021 12:06:47 PM



Quantitation Report (Qedit)

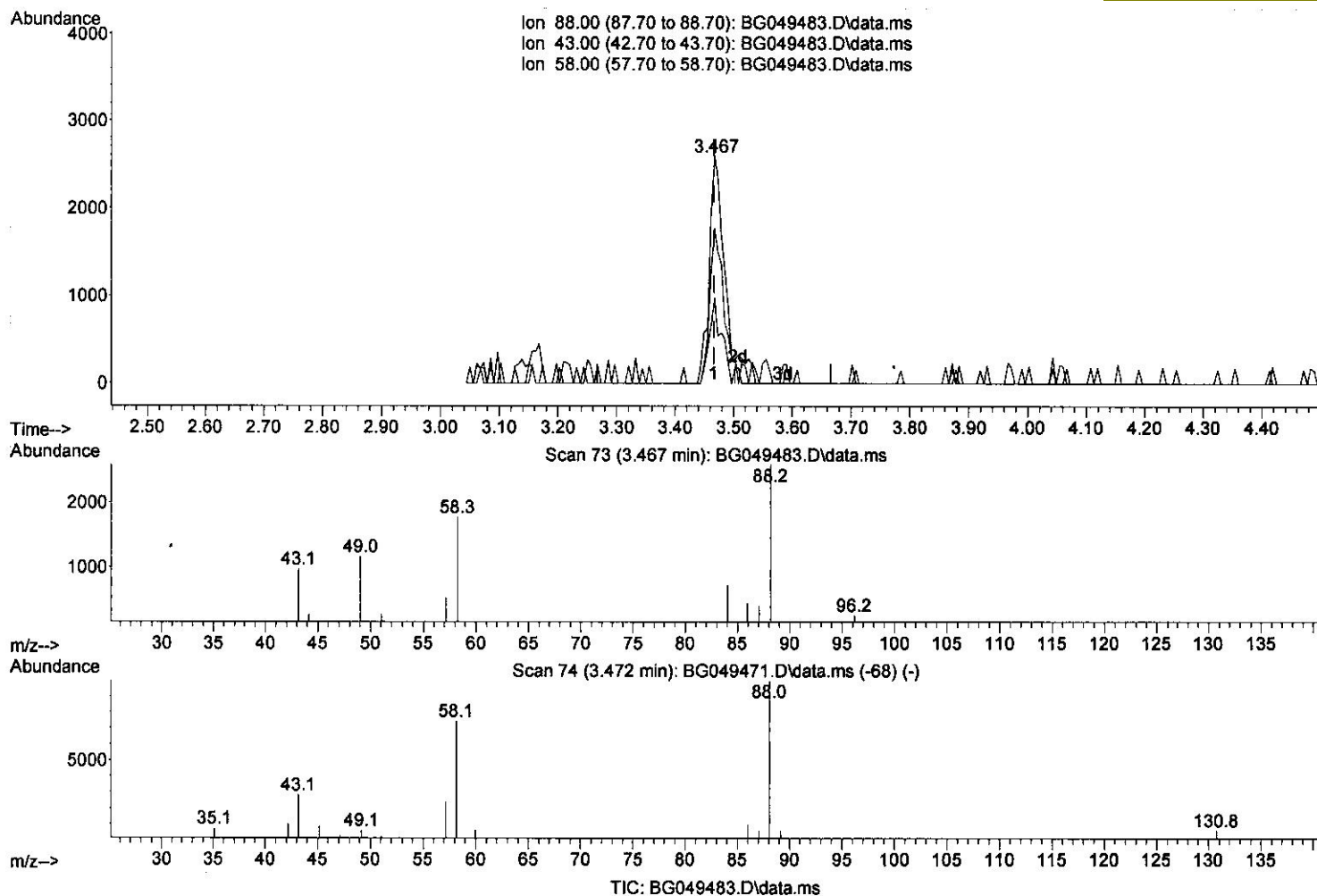
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(2) 1,4-Dioxane

3.467min (-0.000) 6.39 ng/uL

response 4465

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.90	37.60
58.00	71.00	68.59
0.00	0.00	0.00

Quantitation Report (Qedit)

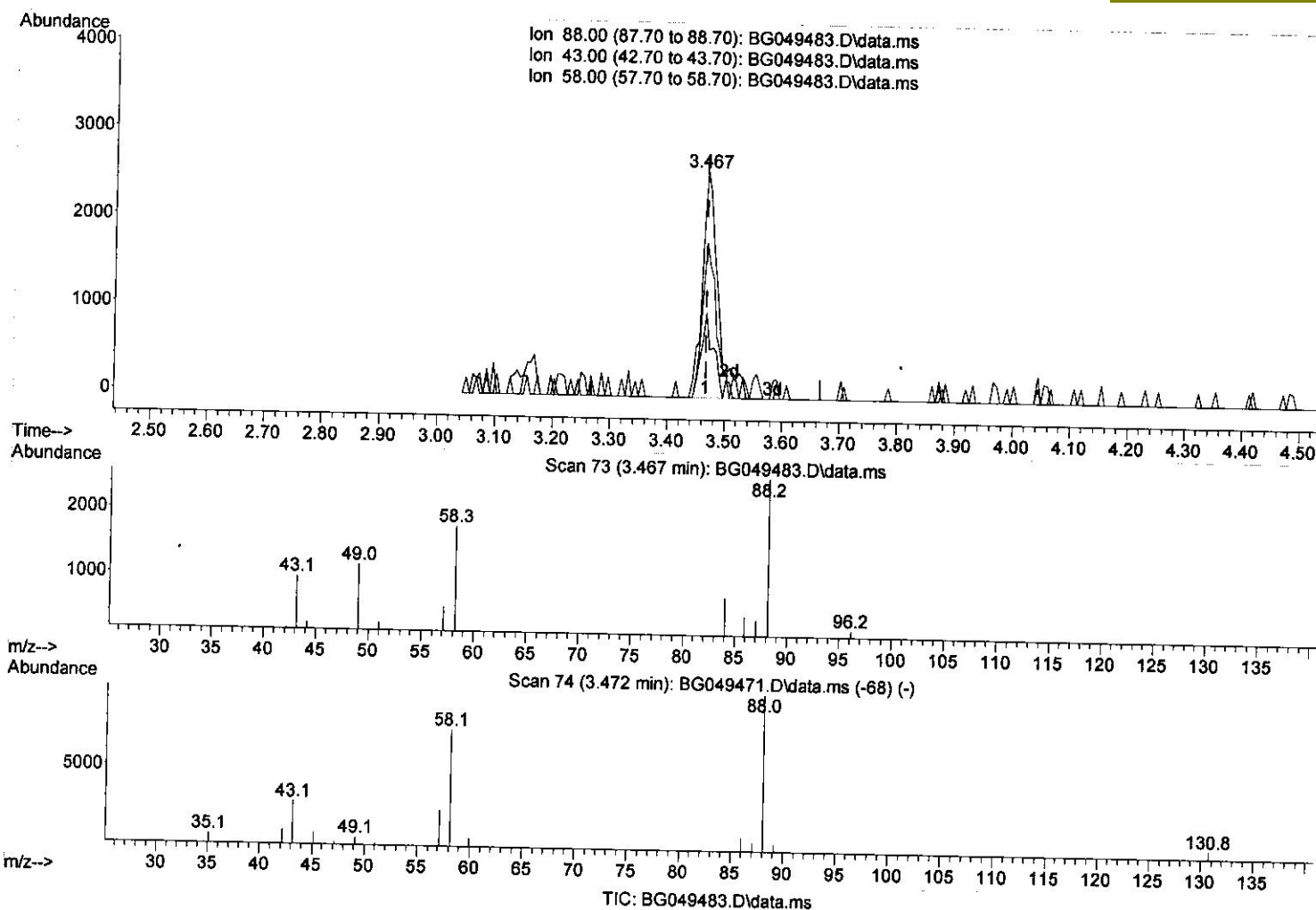
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(2) 1,4-Dioxane

3.467min (-0.000) 7.06 ng/uL m JV 7/28/21

response 4933

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	36.90	37.60
58.00	71.00	68.59
0.00	0.00	0.00

Quantitation Report (Qedit)

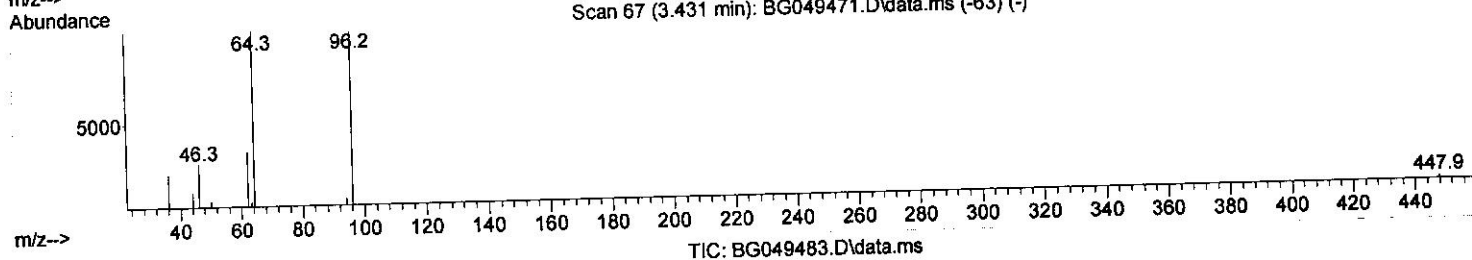
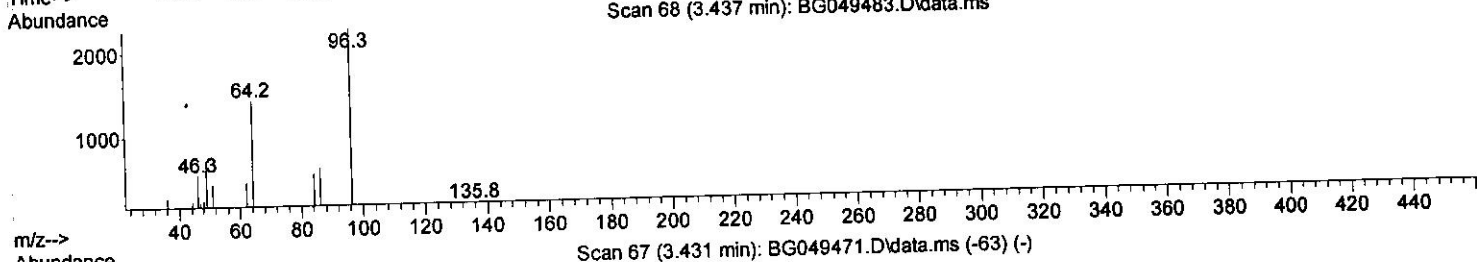
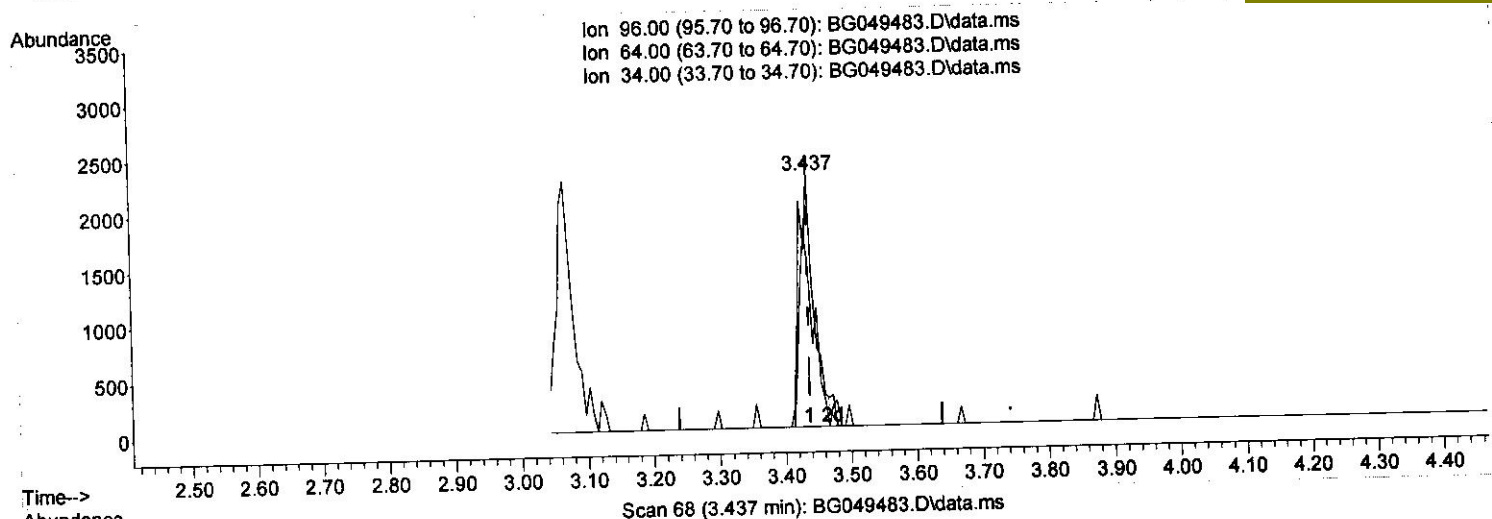
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(3) 1,4-Dioxane-d8 (S)

3.437min (-0.001) 7.02 ng/uL

response 3591

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	62.46
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

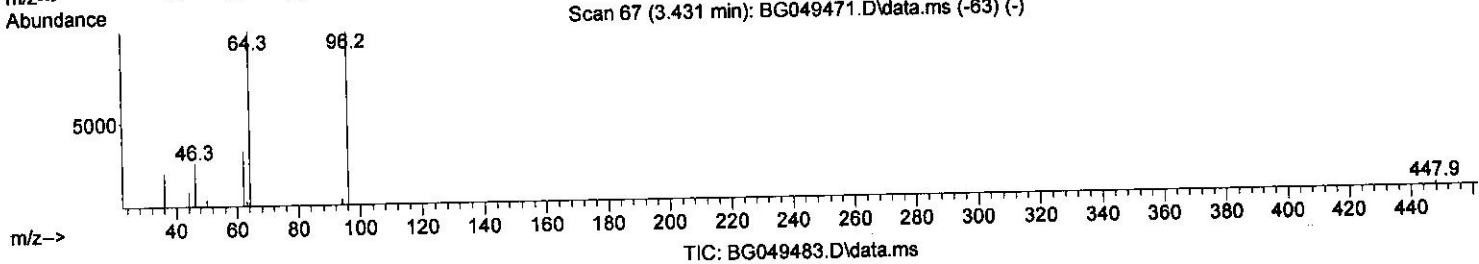
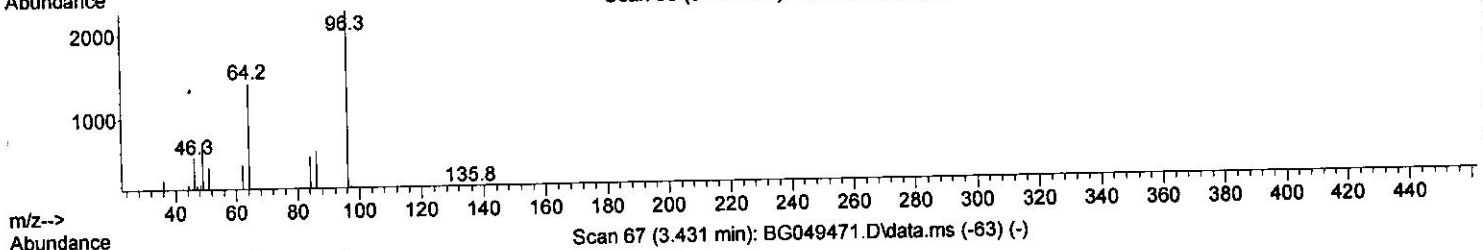
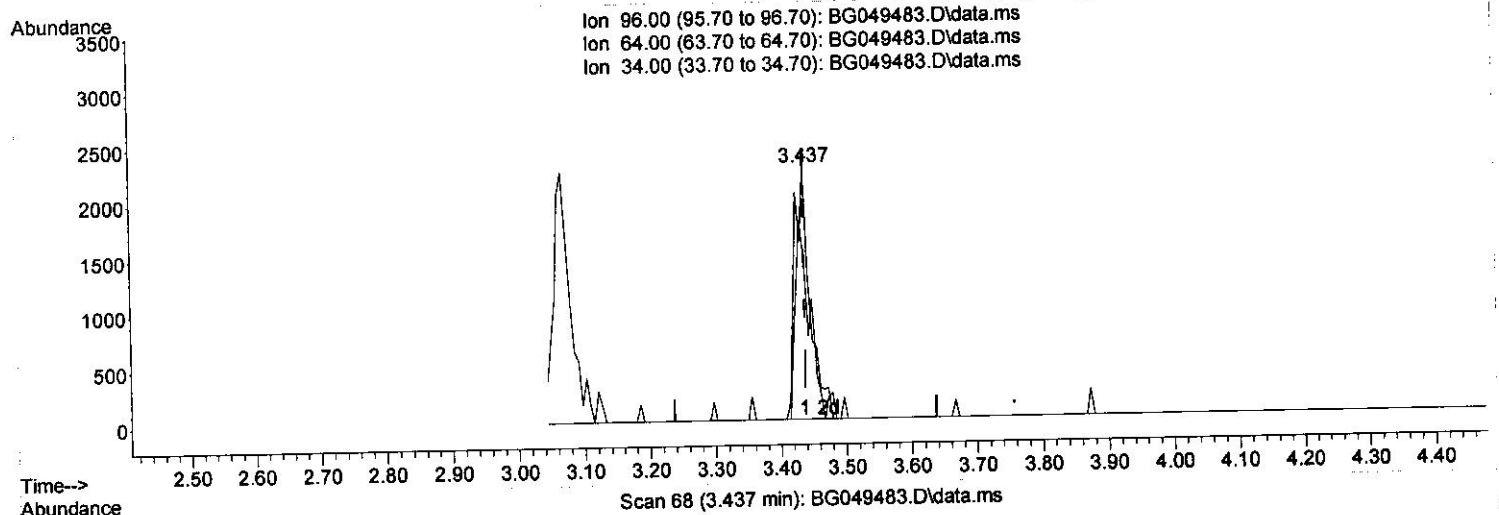
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 Sample : SSTDCCC020
 Misc :
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Instrument :
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(3) 1,4-Dioxane-d8 (S)

3.437min (-0.001) 7.22 ng/uL m } 20 3128121

response 3690

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	62.46
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

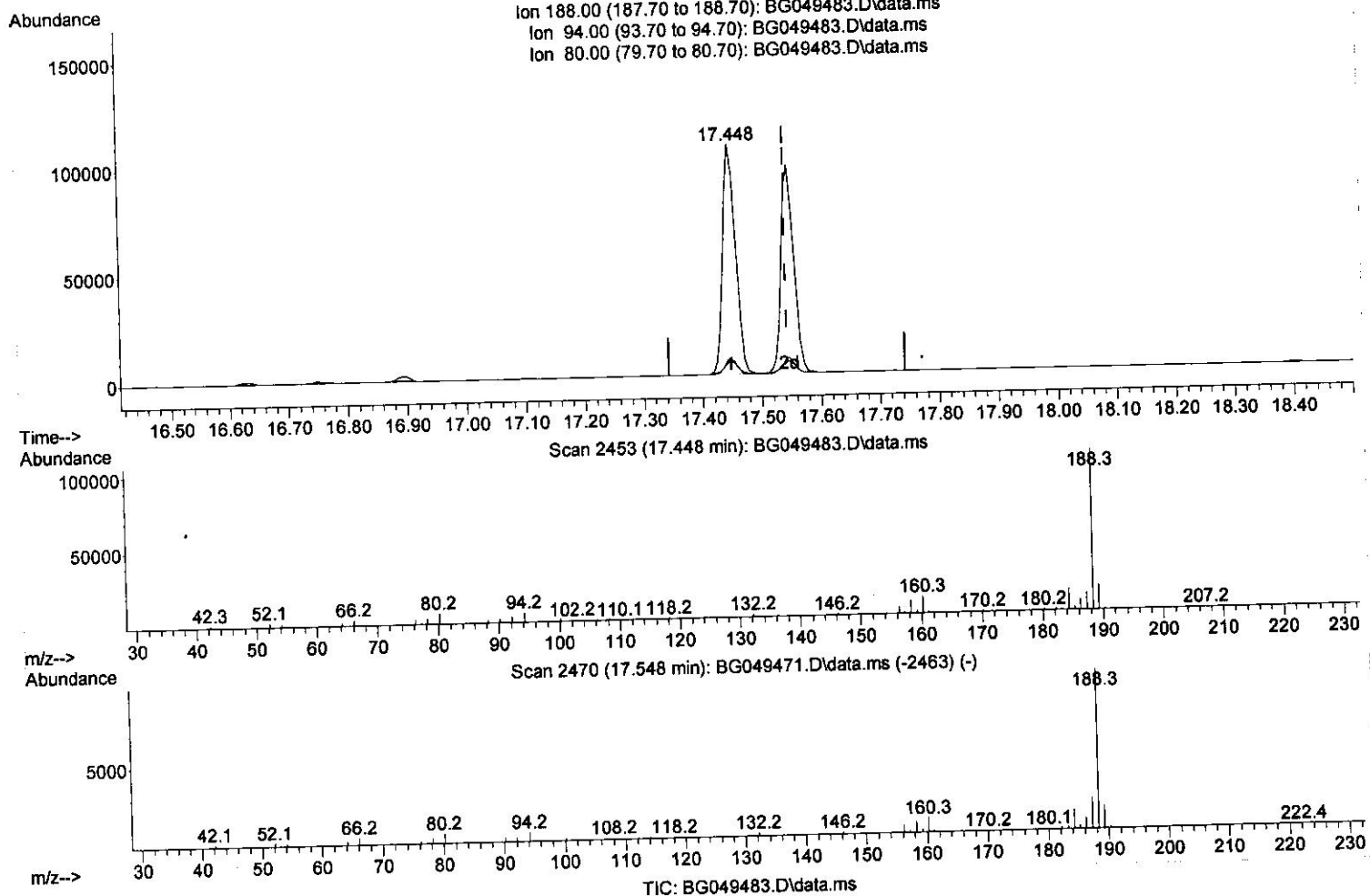
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(73) Anthracene-d10 (S)

17.448min (-0.095) 21.52 ng/ul

response 161015

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.30	6.03
80.00	5.80	6.68
0.00	0.00	0.00

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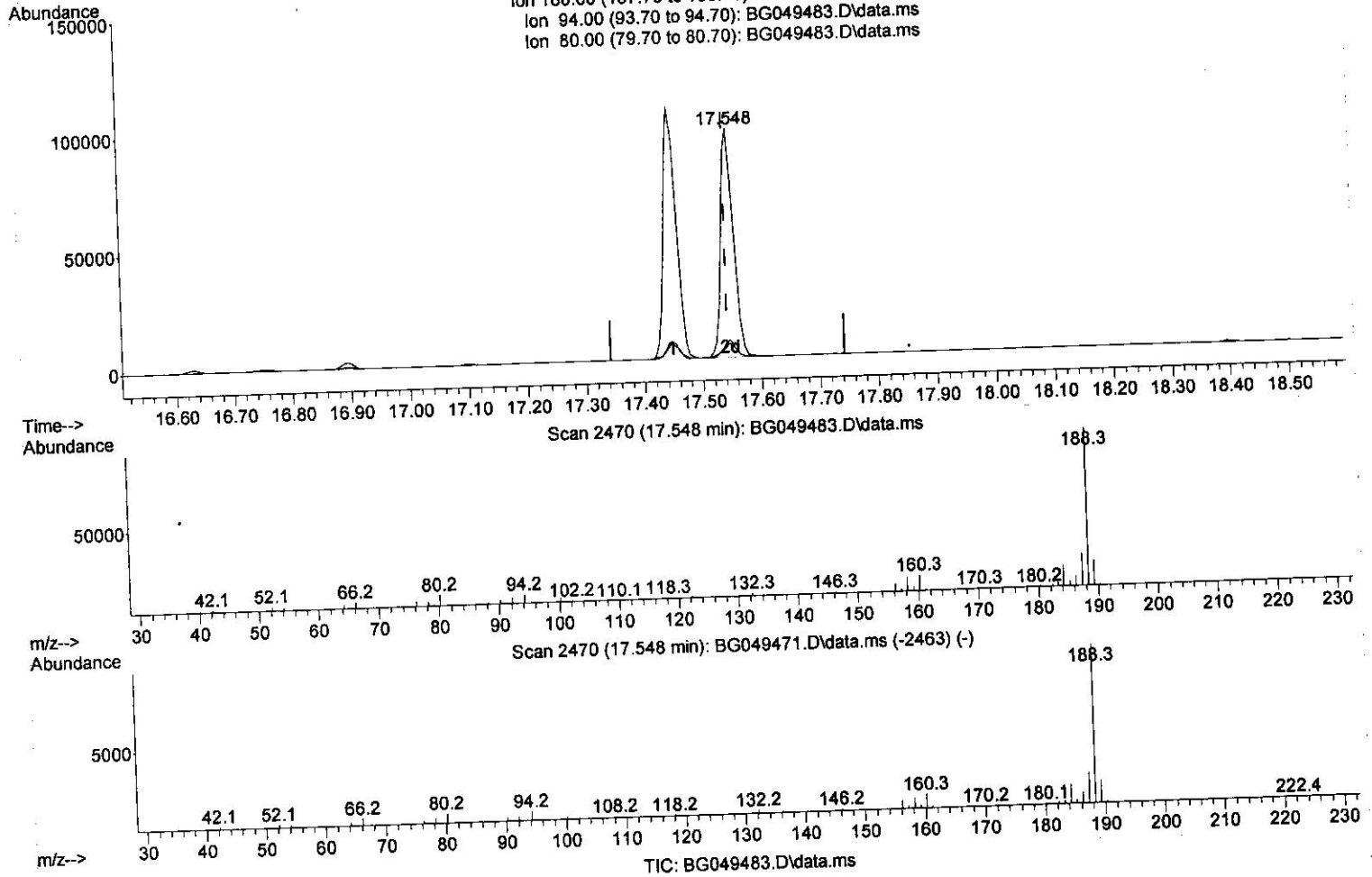
Instrument :
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 LabSampleId :
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Manual Integrations
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Ion 188.00 (187.70 to 188.70): BG049483.D\data.ms
 Ion 94.00 (93.70 to 94.70): BG049483.D\data.ms
 Ion 80.00 (79.70 to 80.70): BG049483.D\data.ms



(73) Anthracene-d10 (S)

17.548min (+ 0.005) 19.30 ng/ul m

response 144439

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.30	5.69#
80.00	5.80	7.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

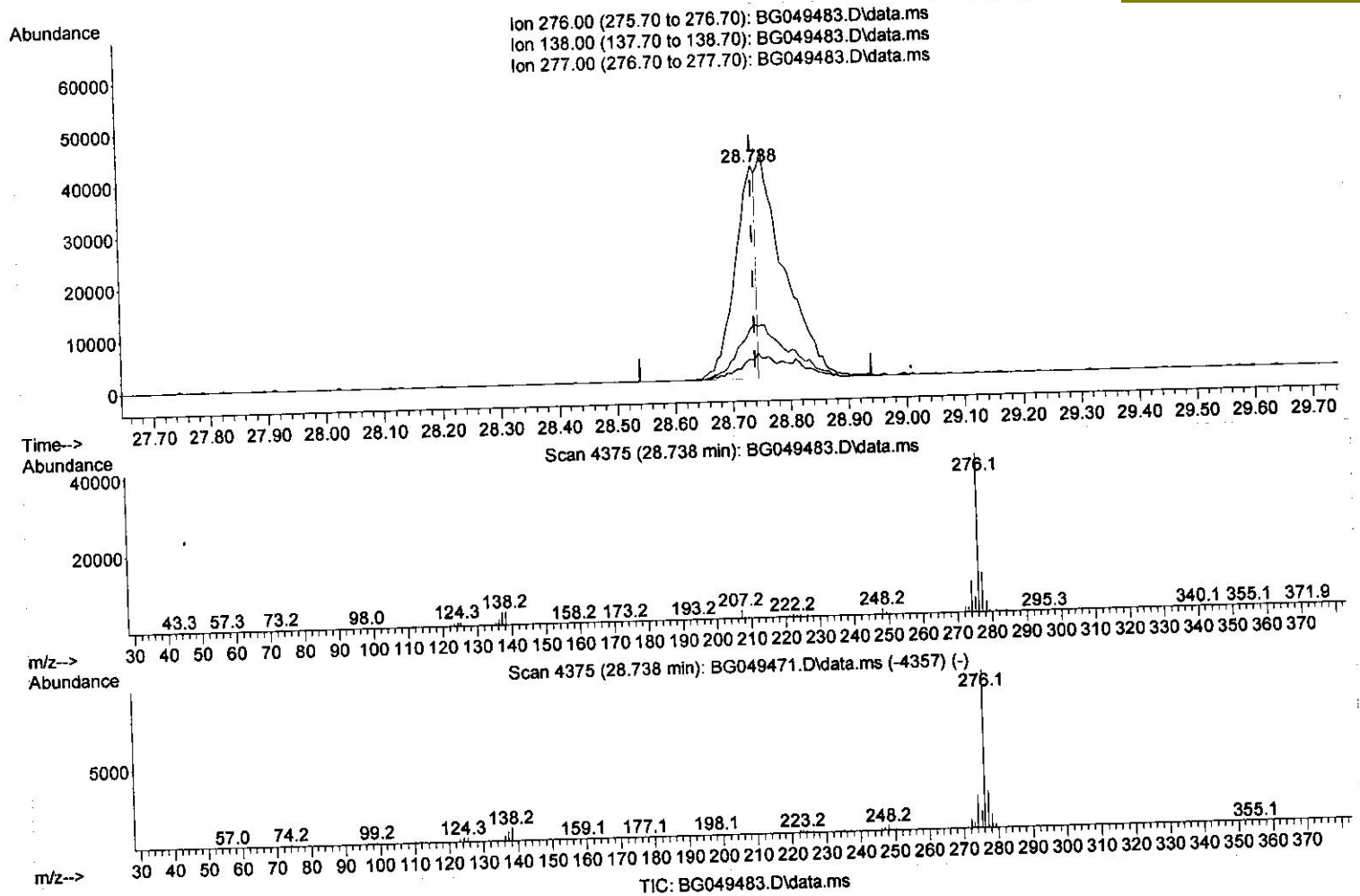
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 Sample : SSTDCCC020
 Misc :
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(94) Indeno(1,2,3-cd)pyrene
 28.738min (-0.001) 9.59 ng/ul

response 103888

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	8.72
277.00	24.00	25.26
0.00	0.00	0.00

Quantitation Report (Qedit)

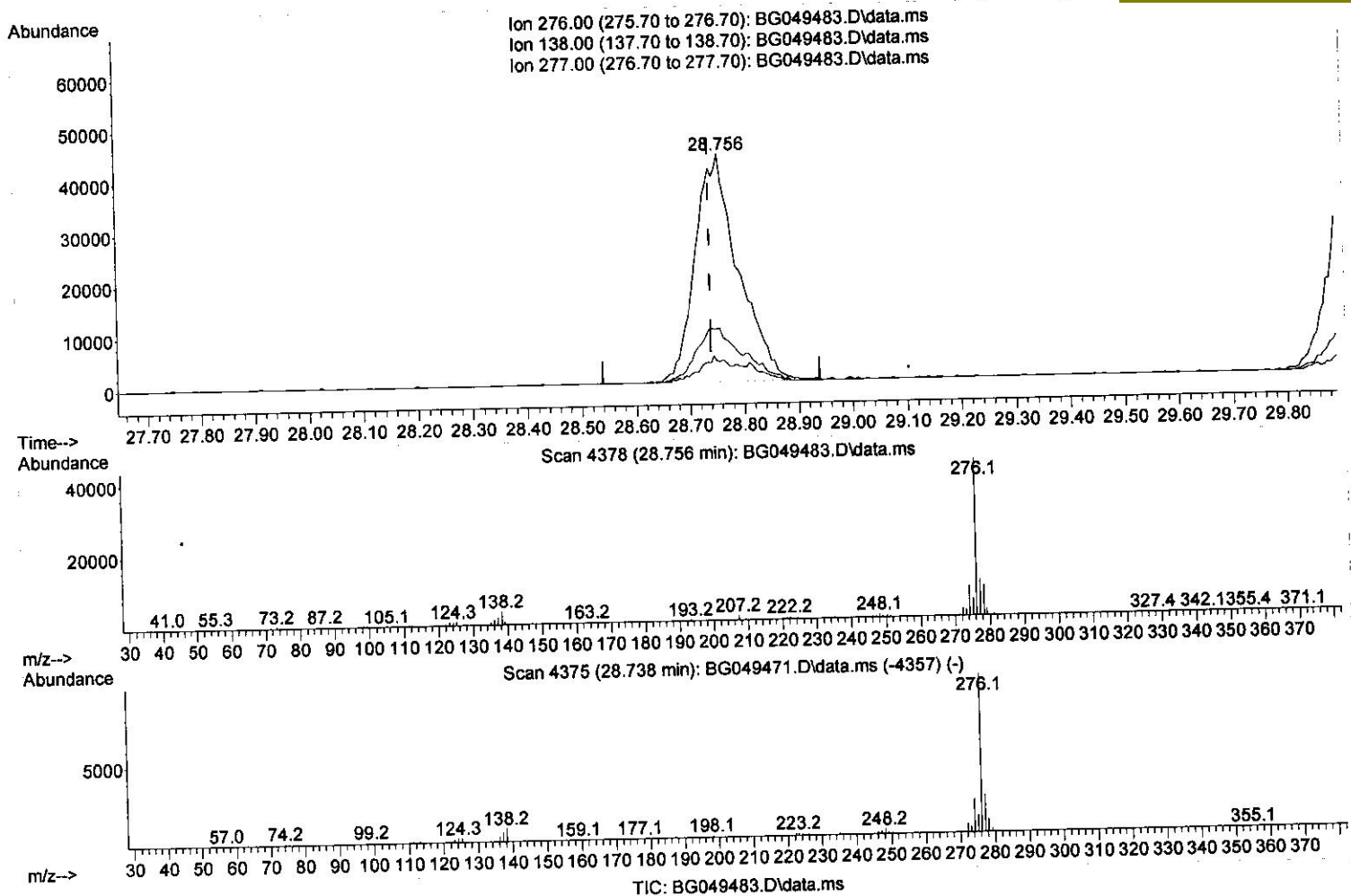
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(94) Indeno(1,2,3-cd)pyrene

28.756min (+ 0.017) 22.29 ng/ul m *juv m m m*

response 241536

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	8.77
277.00	24.00	23.42
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	23396	20.000	ng/ul	0.00
20) Naphthalene-d8	10.874	136	95660	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	67039	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	161015	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	156176	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	156220	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	3690m	7.216	ng/ul	0.00
4) Pyridine-d5	3.854	84	27292	18.581	ng/ul	0.00
7) Phenol-d5	7.203	99	40691	19.658	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	22815	19.461	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	30255	20.390	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	30528	19.566	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	14997	20.391	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	17620	20.445	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	32696	20.859	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	43140	19.748	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	98532	19.187	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	113547	19.037	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	17696	20.925	ng/ul	0.01
60) Fluorene-d10	15.691	176	90091	20.364	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	17120	17.158	ng/ul	0.00
73) Anthracene-d10	17.548	188	144439m	19.301	ng/ul	0.00
81) Pyrene-d10	19.833	212	170779	21.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	170945	20.820	ng/ul	0.01
Target Compounds						
2) 1,4-Dioxane	3.467	88	4933m	7.057	ng/ul	
5) Pyridine	3.872	79	27938	17.782	ng/ul	85
6) Benzaldehyde	7.185	77	27498	22.262	ng/ul	97
8) Phenol	7.232	94	43487	21.506	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.461	93	28100	20.171	ng/ul	96
12) 2-Chlorophenol	7.614	128	29782	20.849	ng/ul	94
13) 2-Methylphenol	8.489	108	33242	21.570	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.578	45	32432	19.866	ng/ul	93
16) Acetophenone	8.871	105	55045	21.920	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.854	70	28157	21.744	ng/ul#	97
18) 4-Methylphenol	8.818	108	34611	21.348	ng/ul	92
19) Hexachloroethane	9.141	117	14168	22.016	ng/ul#	83
22) Nitrobenzene	9.259	77	46655	21.246	ng/ul	99
23) Isophorone	9.782	82	76566	20.808	ng/ul	99
25) 2-Nitrophenol	9.981	139	18476	22.780	ng/ul	89
26) 2,4-Dimethylphenol	10.028	107	43098	22.296	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	37707	20.546	ng/ul#	93
29) 2,4-Dichlorophenol	10.516	162	32271	21.061	ng/ul#	89
30) Naphthalene	10.921	128	105196	21.349	ng/ul	99
32) 4-Chloroaniline	11.027	127	42015	20.219	ng/ul#	84
33) Hexachlorobutadiene	11.203	225	25152	21.470	ng/ul	97
34) Caprolactam	11.791	113	10608	20.356	ng/ul	86
35) 4-Chloro-3-methylphenol	12.149	107	38609	22.394	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.525	142	76389	21.182	ng/ul	96
37) 1-Methylnaphthalene	12.742	142	75691	20.770	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.895	216	41652	20.904	ng/ul	92
40) Hexachlorocyclopentadiene	12.872	237	18964	15.796	ng/ul	99
41) 2,4,6-Trichlorophenol	13.130	196	26924	21.989	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.207	196	29685	22.701	ng/ul	97
43) 1,1'-Biphenyl	13.530	154	99683	20.881	ng/ul#	97
44) 2-Chloronaphthalene	13.577	162	78622	21.164	ng/ul	91
45) 2-Nitroaniline	13.776	65	30130	22.855	ng/ul	92
47) Dimethylphthalate	14.146	163	103911	20.807	ng/ul	99
48) 2,6-Dinitrotoluene	14.264	165	22075	22.149	ng/ul#	91
50) Acenaphthylene	14.423	152	121786	21.381	ng/ul#	95
51) 3-Nitroaniline	14.599	138	22270	22.404	ng/ul	85
52) Acenaphthene	14.763	153	87307	21.371	ng/ul	95
53) 2,4-Dinitrophenol	14.804	184	9786	19.708	ng/ul#	75
55) 4-Nitrophenol	14.910	109	24263	21.159	ng/ul	96
56) Dibenzofuran	15.098	168	117992	21.390	ng/ul	98
57) 2,4-Dinitrotoluene	15.057	165	32805	23.221	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.321	232	27827	23.450	ng/ul	96
59) Diethylphthalate	15.509	149	107332	20.767	ng/ul	100
61) Fluorene	15.744	166	100305	21.419	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.738	204	51920	21.298	ng/ul	91
63) 4-Nitroaniline	15.762	138	25195	25.560	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.821	198	17194	18.720	ng/ul#	88
67) N-Nitrosodiphenylamine	15.950	169	87247	20.676	ng/ul	99
68) 4-Bromophenyl-phenylether	16.631	248	35977	20.067	ng/ul	96
69) Hexachlorobenzene	16.755	284	42878	21.138	ng/ul	99
70) Atrazine	16.896	200	40499	21.014	ng/ul	97
71) Pentachlorophenol	17.095	266	21004	22.363	ng/ul	93
72) Phenanthrene	17.489	178	173083	20.648	ng/ul	97
74) Anthracene	17.583	178	178316	20.992	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.500	216	44973	20.555	ng/ul	96
76) Pentachlorobenzene	15.016	250	48774	21.069	ng/ul	97
77) Carbazole	17.847	167	158159	20.826	ng/ul	96
78) Di-n-butylphthalate	18.405	149	190452	20.167	ng/ul	97
80) Fluoranthene	19.498	202	221571	22.851	ng/ul	99
82) Pyrene	19.862	202	217542	22.597	ng/ul	100
83) Butylbenzylphthalate	20.738	149	81805	21.826	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.619	252	67704	18.867	ng/ul	99
85) Benzo(a)anthracene	21.707	228	201787	21.133	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.607	149	118979	21.390	ng/ul	97
87) Chrysene	21.777	228	190895	20.887	ng/ul	99
89) Di-n-octyl phthalate	22.835	149	194562	21.187	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	205294	20.967	ng/ul#	97
91) Benzo(k)fluoranthene	24.027	252	204928	21.385	ng/ul#	98
93) Benzo(a)pyrene	24.850	252	180597	21.261	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.756	276	241536m	22.285	ng/ul	
95) Dibenzo(a,h)anthracene	28.809	278	199747	22.271	ng/ul#	98
96) Benzo(g,h,i)perylene	29.913	276	200603	22.262	ng/ul#	92

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